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# Performance of Commercial Soybeans in Illinois

**1982**  
Circular 1210

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Urbana, Illinois

December, 1982

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# PERFORMANCE OF COMMERCIAL SOYBEANS IN ILLINOIS, 1982

(With 1980 and 1981 Results)

**T**HE UNIVERSITY OF ILLINOIS commercial soybean testing program was started in 1969 as a result of requests by seedsmen that their private varieties be tested. The number of individuals participating has increased each year since the start of the program.

The purpose of this commercial soybean testing program is to provide unbiased, objective, and accurate testing of all varieties entered. The tests are conducted on as uniform a soil as is available in the testing area. Small plots are used to reduce the chance of soil and climatic variations occurring between one variety plot and another.

The results of these tests should help you judge the merits of varieties in comparison with other private and public varieties. Since your soils and management may differ from those of the test location, you may wish to plant variety strips of the higher-performing varieties on your farm. The results printed in this circular should help you decide which varieties to try.

## Test Program

**Selection of entries.** Soybean producers in Illinois and surrounding states were invited to enter varieties, brands, or blends in the 1982 Illinois soybean performance trials. To help finance the testing program, a fee of \$40 (\$55 for irrigated trials) was charged for each entry entered by the seed producer. Most of these varieties, brands, or blends are commercially available, but some experimental varieties were also entered.

A total of 1,528 entries were tested in 1982.

**Number and location of tests.** In 1982, 13 major tests were conducted at 10 locations in the state (see map on page 5). These sites represent the major soils and maturity zones of the state.

**Field plot design.** Entries of each test were replicated three times in a randomized complete block or lattice design. The 30-inch-row trial plots consisted of four rows each 25 feet long. The center two rows of each plot were harvested to measure yield. The 7-inch-row trial plots consisted of ten rows each 25 feet long. The center eight rows were harvested to measure yield. All plots were end-trimmed prior to harvest.

**Fertility and weed control.** All test locations were at a high level of fertility. Herbicides were used at all test locations for weed control. All plots were also weeded by hand.

**Method of planting and harvesting.** The 30-inch row variety trials were planted with a modified bean planter. A custom-built, cone type, narrow-row drill was used to plant the 7-inch trials. Harvesting was done with a small-plot combine. No allowances were

made for beans that may have been lost as a result of combining or shattering.

## Performance Data

**Seed germination.** Two replications of each entry were planted in a greenhouse sandbench at a depth of  $\frac{1}{2}$  inch, and emergence percentages were recorded after 7 days. This test measured the ability of the soybean varieties to germinate and emerge under ideal conditions.

**Seedling emergence.** The emergence score, which is related to hypocotyl elongation, measures the ability of soybean seed to germinate and emerge when planted too deep in the field. Three replications of each brand, variety, or blend entered were planted in sand at a depth of  $3\frac{1}{2}$  inches. Temperature was held constant at 25° C. for the duration of the test. Emergence scores were measured as the percentage of seeds that germinated and emerged 8 days after planting. The following scores were used to compare entries:

- 1 — 80% or more emerged
- 2 — 70 to 79% emerged
- 3 — 40 to 69% emerged
- 4 — 20 to 39% emerged
- 5 — 0 to 19% emerged

**Yield.** Soybean yield was measured in bushels (60 pounds) per acre at a moisture content of 12.5 percent. An electronic moisture monitor was used on the combine for all moisture readings.

**Maturity.** Maturity was stated as the date when approximately 95 percent of the pods were ripe.

**Lodging.** The amount of lodging was rated at harvesttime. The following scale was used:

- 1 — Almost all plants erect
- 2 — All plants leaning slightly or a few plants down
- 3 — All plants leaning moderately (45°), or 25 to 50 percent of the plants down
- 4 — All plants leaning considerably, or 50 to 80 percent of the plants down
- 5 — Almost all plants down

**Height.** Height was measured shortly before harvest as the average length of plants from the ground to the tip of the main stem.

**Shattering.** The percentage of open pods was estimated at harvesttime. The following scale was used:

- 1 — No shattering
- 2 — 1 to 10% of pods open
- 3 — 10 to 25% of pods open
- 4 — 25 to 50% of pods open
- 5 — Over 50% of pods open

## Suggestions for Comparing Entries

It is impossible to obtain an exact measure of performance when conducting any test of plant material. Harvesting efficiency may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests are more reliable than those of a single year or a single strip test. When one variety consistently outyields another at several test locations and over several years of testing, the chances are good that this difference is real and should be considered in selecting a variety. However, yield is not the only indicator. You should also consider maturity, lodging, and germination.

As an aid in comparing soybean varieties, brands, and blends within a single trial, certain statistical tests have been devised. One of these tests, the least significant difference (L.S.D.), when used in the manner suggested by Carmer and Swanson,<sup>1</sup> is quite simple to apply and is more appropriate than most other tests. When two entries are compared and the difference between them is greater than the tabulated L.S.D. value, the entries are judged to be "significantly different."

When the observed mean of entry A is larger than that of entry B and the difference between them is found to be significant, then either (1) the mean of entry A really is larger than that of entry B, and a correct decision has been made; (2) the means of entries A and B are really equal, and a Type I statistical error has been made (that is, the means were declared to be unequal when they were actually equal); or (3) the mean of entry B is really larger than that of entry A, and a reverse decision or Type II statistical error has been made (that is, the mean of A was declared to be greater than that of B, when the reverse is true).

When no significant difference is found between two entries, then either (1) the means are really equal and a correct decision has been made; or (2) the means are really different, and a Type II statistical error has been made (that is, the means were declared to be equal when they really are different). In a study of the frequencies of occurrence of these three types of statistical errors and their relative seriousness, Carmer<sup>2</sup> found strong arguments for an optimal significance level in the range  $\alpha = 0.20$  to  $0.40$ , where  $\alpha$  is the Type I statistical error rate for comparisons between means that are really equal. Herein, values of  $\alpha = 0.10$  and  $0.30$  are used in computing the L.S.D. 10- and 30-percent levels shown in the tables.

To make the best use of the information presented in this circular and to avoid any misunderstanding or misrepresentation of it, the reader should consider an additional caution about comparing entries. Readers who compare entries in different trials should be ex-

<sup>1</sup> Carmer, S. G. and M. R. Swanson. An Evaluation of Ten Pairwise Multiple Comparison Procedures by Monte Carlo Methods. *Journal of American Statistical Association* 68:66-74, 1973.

<sup>2</sup> Carmer, S. G. Optimal Significance Levels for Application of the Least Significant Difference in Crop Performance Trials. *Crop Science* 16:95-99, 1976.



remely careful, since no statistical tests are presented for that purpose. Readers should note that the difference between a single entry's performance at one location and its performance at another is caused primarily by environmental effects and random variability. Furthermore, the difference between the performance of entry A in one trial and the performance of entry B in another is the result not only of environmental effects and random variability, but of genetic effects as well.

## 1982 Test Fields

### DeKalb

Location: University of Illinois Northern Illinois Research Center, southwest of DeKalb.

Soil type: Flanagan silt loam (dark brown, adequately drained, highly fertile).

Cooperators: R.R. Bell, field manager; D.L. Mulvaney, research director.

Planting date: May 19.

Harvest dates: October 14 and 15.

### Elwood

Location: Northeastern Illinois Agronomy Center, Will County.

Soil type: Elliott silt loam.

Cooperators: Dale Harshbarger, field manager; D.L. Mulvaney, research director.

Planting date: May 25.

Harvest dates: October 26 and 27.

### Monmouth

Location: University of Illinois Northwestern Illinois Agricultural Research and Demonstration Center, northwest of Monmouth.

Soil type: Muscatine silt loam.

Cooperators: Mike Mainz, area agronomist and field superintendent; Jay Sutor, farm foreman.

Planting date: May 18.

Harvest dates: October 5 and November 16.

Comments: Heavy rains during July resulted in excessive vegetative growth and early lodging of many entries.

### Kilbourne (Irrigated)

Location: University of Illinois Illinois River Valley Sand Field, 10 miles west of Kilbourne, Mason County, central Illinois.

Soil type: Plainfield sand.

Cooperators: H. Hopen, research director; LaVern Hahn, superintendent.

Planting date: May 12.

Harvest date: October 11.

Irrigation: A total of 10.15 inches of water was applied in 11 applications during the growing season to supplement natural rainfall.

Comments: Many plots were physically damaged by equipment used in a postemergence herbicide application.

### Urbana

Location: University of Illinois South Farm, Champaign County, east central Illinois.

Soil type: Flanagan silt loam (dark brown, adequately drained).

Cooperators: M.G. Oldham, farm manager; Mike Plotner, farm foreman.

Planting date: May 11.

Harvest dates: September 23, 24, and 29, and October 12, 16, and 28.

### Perry

Location: Orr Research Center, near Perry, Pike County, south central Illinois.

Soil type: Herrick silt loam (moderately poorly drained).

Cooperators: Glenn Raines, research director; Tom Hallock, field superintendent.

Planting date: May 13.

Harvest date: October 18.

Comments: Emergence was erratic and stands were only fair. Weeds were a problem throughout the growing season.

### Brownstown

Location: University of Illinois Brownstown Experimental Field, Fayette County, south central Illinois.

Soil type: Cisne silt loam (poorly drained, gray prairie with a well-developed claypan).

Cooperator: Frank Zajicek, research director.

Planting date: May 14.

Harvest dates: September 30 and October 25.

### Belleville

Location: Southern Illinois University Research Center, east of Belleville, St. Clair County.

Soil type: Ebbert silt loam.

Cooperators: Chuck Strieker, field manager; George Kapusta, agronomist.

Planting date: May 20.

Harvest date: October 22.

### Carbondale

Location: Southern Illinois University Agronomy Research Center, extreme southern Illinois.

Soil type: Weir silt loam (shallow, silty loam over claypan).

Cooperators: Jim Hubbard, field manager; George Kapusta, agronomist.

Planting date: May 20.

Harvest date: October 20.

Comments: Heavy infestations of soybean cyst nematodes severely stunted all susceptible entries.

### Dixon Springs

Location: University of Illinois Dixon Springs Agricultural Center, Pope County, extreme southern Illinois.

Soil type: Sharon silt loam (light-colored, moderately well drained, medium-textured bottomland).

Cooperator: George McKibben, professor.

Planting date: May 21.

Harvest date: October 20.

Comments: Stands were extremely poor in the group V maturity test. Caution should be used in comparing these entries.

### Growing Season Rainfall

| Location        | May    | June   | July   | August |
|-----------------|--------|--------|--------|--------|
| DeKalb          | 3.97   | 4.32   | 6.48   | 1.52   |
| Elwood          | 2.34   | 2.70   | 6.56   | 2.51   |
| Monmouth        | 5.48   | 2.96   | 14.57  | 7.53   |
| Kilbourne       | 1.60   | 4.54   | 4.10   | 2.60   |
| (By irrigation) | (0.75) | (1.75) | (4.65) | (3.00) |
| Urbana          | 4.54   | 5.02   | 4.43   | 2.54   |
| Perry           | 2.57   | 10.21  | 2.34   | 5.76   |
| Brownstown      | 4.02   | 4.45   | 4.85   | 3.06   |
| Belleville      | 4.91   | 2.70   | 4.56   | 3.59   |
| Carbondale      | 5.91   | 3.30   | 2.93   | 2.63   |
| Dixon Springs   | 5.85   | 3.96   | 1.71   | 4.37   |



## Sources of Seed

- Ag-Seeds, Ag-Seeds, Inc., P.O. Box 316, Carthage, IL 62321  
Agrigenetics, Agrigenetics Corp., P.O. Box M, Plymouth, IN 46563  
Agridro, North American Plant Breeders, R.R. 2, Highway 30E, Ames, IA 50010  
Agrisoy, Agrinetics, Inc., P.O. Box 151, Naperville, IL 60566  
Agro-soy, Uphoff Seeds, Box 647, West Rt. 316, Charleston, IL 61920  
Americana, Americana Seeds, Inc., P.O. Box 275, Bowen, IL 62316  
Asgrow, Asgrow Seed Co., 7000 Portage Road, Kalamazoo, MI 49001  
Bellatti, Bellatti Soybeans, R.R. 2, Mount Pulaski, IL 62548  
Bergmann-Taylor, Bergmann-Taylor Seeds, St. Jacob, IL 62281  
Callahan, Callahan Seeds, 1122 E. 169th St., Westfield, IN 46074  
CFS, Custom Farm Seed, P.O. Box 160, Momence, IL 60954  
Coker, Coker's Pedigreed Seed Co., P.O. Box 205, Richland, IN 47634  
Dairyland, Dairyland Research International, R.R. 1, Box 51, Clinton, WI 53525  
De Soy, Dale Ewing Farm Seed, Box 516, Jewell, IA 50130  
Diener, Diener Brothers, Inc., R.R. 1, Box 16A, Reynolds, IN 47980  
Duesterhaus, Duesterhaus Fertilizer, Inc., P.O. Box 248, Quincy, IL 62301  
Elite, Elliott Seeds, Inc., R.R. 2, Lucerne, IN 46950  
FFR, FFR Cooperative, 4112 E. State Road 225, West Lafayette, IN 47906  
FS HiSoy, Growmark, Inc., 1701 Towanda Avenue, Bloomington, IL 61701  
Fulvar, Fuller Seed Co., Inc., P.O. Box 38, Lincoln, IL 62656  
Funk, Funk Seeds International, 1300 W. Washington St., Bloomington, IL 61701  
Furrow, Furrow Seed Co., P.O. Box 246, El Paso, IL 61738  
Gold Tag, Ferry-Morse Seed Co., P.O. Box 24, Geneseo, IL 61254  
Helena, Helena Chemical Co., Suite 3200, 5100 Poplar Ave., Memphis, TN 38137  
Henkel Seeds, Henkel Grain Co., R.R. 1, Mendota, IL 61342  
Hoblit, Hoblit Seed Co., R.R. 1, Atlanta, IL 61723  
Jacques, Jacques Seed Co., Box 370, Lincoln, IL 62656  
JM Schultz, J. M. Schultz Seed Co., 105 Pine St., Dietrich, IL 62424  
Kaltenberg, Kaltenberg Seed Farms, R.R. 2, Waunakee, WI 53597  
Geo. Keller & Sons Co., Geo. Keller & Sons Co., 909 Maine St., Quincy, IL 62301  
Kitchen, Kitchen Seed Co., Inc., N. Vine St., Arthur, IL 61911  
Kruger, Kruger Seed Co., P.O. Box 807, Highway 57 W., Cedar Falls, IA 50613  
Landers, Landers Seed Co., Inc., P.O. Box 120, Sullivan, IL 61951  
Lewis, Lewis Hybrids, Inc., Ursa, IL 62376  
Lowe, Lowe Seed Co., Box 1685, Kankakee, IL 60901  
Masco, McAllister Seed Co., P.O. Box 28, Mt. Pleasant, IA 52641  
McCubbin, McCubbin Seed Farm, Inc., Green Mountain, IA 50637  
McCurdy, McCurdy Seed Co., Main St., Fremont, IA 52561  
Merschman, Merschman Seed & Fertilizer, Inc., P.O. Box 67, West Point, IA 52656  
MFA Mosoy, MFA, Inc., Seed Division, 201 S. Seventh St., Columbia, MO 65201  
Midwest Oilseeds, Midwest Oilseeds, Inc., R.R. 3, Box 204, Adel, IA 50003  
Migro, North American Plant Breeders, P.O. Box 2955, Mission, KS 66201  
NAPB, North American Plant Breeders, 5124 Schubert, Ames, IA 50010  
Noble, Noble Brothers, 523 S. Sangamon, Gibson City, IL 60936  
Northrup King, Northrup King Co., P.O. Box 251, Sidney, IL 61877  
Paymaster, Paymaster Seeds, Box 467, Monticello, IL 61856  
Pfizer Genetics, DeKalb-Pfizer Genetics, Inc., P.O. Box 33, Mason City, IL 62664  
Prairie State Commodities, Prairie State Commodities, Box 6, Trilla, IL 62469  
Pride, Pride Co., Inc., P.O. Box 58, Glen Haven, WI 53810  
Public Varieties, Illinois Foundation Seeds, P.O. Box 722, Champaign, IL 61820  
Rice, W.A. Rice Seed Co., 1108 W. Carpenter, Jerseyville, IL 62052  
Ring Around, Ring Around Products, Inc., P.O. Box 589, Montgomery, AL 36195  
Riverside, Lynnville Seed Co., Lynnville, IA 50153  
S Brand, Schechinger Seed Co., R.R. 1, Harlan, IA 51537  
Seedmakers, Seedmakers, Inc., P.O. Box 84, Sidney, IL 61877  
Shissler, Shissler Seed Co., Elmwood, IL 61529  
Sieben, Sieben Hybrids, Inc., Hwy. 82 N., Geneseo, IL 61254  
SRF, Soybean Research Foundation, Inc., 115 N. Perry St., Mason City, IL 62664  
Stewart Seeds, Stewart Seeds, Inc., Rt. 8, Box 227, Greensburg, IN 47240  
Stine, Stine Seed Farm, Inc., Rt. 3, Box 204, Adel, IA 50003  
Supersoy, Stewart Hybrids, Inc., R.R. 1, Princeville, IL 61559  
Taylor Evans, Taylor Evans Seed Co., P.O. Box 68, Tulia, TX 79088  
Trisler, Trisler Seed Farms, Inc., R.R. 1, Box 153, Fairmount, IL 61841  
Voris, Voris Seeds, Inc., P.O. Box 457, Windfall, IN 46076  
Wilken Brand, Wilken Seed Grains, Inc., P.O. Box 133, Pontiac, IL 61764

## Germination and Emergence Scores

| Entry               | Greenhouse germination (percent) | Emergence score (1 to 5) | Entry                  | Greenhouse germination (percent) | Emergence score (1 to 5) |
|---------------------|----------------------------------|--------------------------|------------------------|----------------------------------|--------------------------|
| Blend (B)           |                                  |                          | Blend (B)              |                                  |                          |
| Variety (V)         |                                  |                          | Variety (V)            |                                  |                          |
| Experimental (E)    |                                  |                          | Experimental (E)       |                                  |                          |
| Released (R)        |                                  |                          | Released (R)           |                                  |                          |
| <b>Ag-Seeds</b>     |                                  |                          | <b>Ag-Seeds</b>        |                                  |                          |
| King (V)(R)         | 98                               | 4.3                      | A5618 (V)(R)           | 98                               | 1.7                      |
| 7250 (B)(R)         | 89                               | 3.7                      | <b>Bellatti</b>        |                                  |                          |
| <b>Agrigenetics</b> |                                  |                          | Exp. W.W. (V)(E)       | 98                               | 1.0                      |
| 1101A (V)(E)        | 97                               | 3.7                      | R-77-84 (V)(R)         | 97                               | 2.3                      |
| 1102A (V)(E)        | 96                               | 1.0                      | Seedmaker 1E (V)(R)    | 98                               | 1.0                      |
| 2102A (V)(E)        | 95                               | 1.3                      | Semi-Dwarf (V)(R)      | 99                               | 1.3                      |
| 3103B (B)(E)        | 94                               | 3.0                      | <b>Bergmann-Taylor</b> |                                  |                          |
| 4101A (V)(E)        | 97                               | 5.0                      | BT330 (V)(R)           | 88                               | 2.3                      |
| 4103A (V)(E)        | 87                               | 3.3                      | BT380 (V)(R)           | 81                               | 1.7                      |
| 4105A (V)(E)        | 96                               | 5.0                      | BT390 (V)(R)           | 82                               | 1.7                      |
| 5101A (V)(E)        | 94                               | 2.0                      | <b>Callahan</b>        |                                  |                          |
| 5103A (V)(E)        | 83                               | 1.0                      | 1250 (V)(R)            | 93                               | 2.0                      |
| <b>Agripro</b>      |                                  |                          | 1450 (V)(R)            | 97                               | 5.0                      |
| AP 55 (V)(R)        | 91                               | 2.0                      | 3200 (V)(R)            | 100                              | 4.0                      |
| AP 200 (V)(R)       | 92                               | 5.0                      | 3310 (B)(R)            | 86                               | 2.0                      |
| AP 230 (V)(R)       | 93                               | 5.0                      | 3380 (B)(R)            | 97                               | 1.7                      |
| AP 240 (V)(R)       | 98                               | 4.0                      | 9240R (V)(R)           | 93                               | 3.0                      |
| AP 250 (V)(R)       | 94                               | 1.0                      | <b>CFS</b>             |                                  |                          |
| AP 350 (V)(R)       | 99                               | 1.0                      | 22 (V)(R)              | 96                               | 2.0                      |
| AP 420 (V)(R)       | 100                              | 1.0                      | 23 (V)(R)              | 91                               | 1.3                      |
| 25 (V)(R)           | 96                               | 3.7                      | 31 (V)(R)              | 100                              | 1.3                      |
| 26 (V)(R)           | 95                               | 3.7                      | 34 (V)(R)              | 75                               | 4.3                      |
| 27 (V)(R)           | 96                               | 5.0                      | <b>Coker</b>           |                                  |                          |
| <b>Agrisoy</b>      |                                  |                          | XP 79-5 (V)(E)         | 97                               | 1.0                      |
| 215 (V)(R)          | 97                               | 3.7                      | 393 (V)(R)             | 99                               | 2.0                      |
| 220 (V)(R)          | 63                               | 3.0                      | <b>Dairyland</b>       |                                  |                          |
| 225 (V)(R)          | 98                               | 2.0                      | DSR-171 (V)(R)         | 94                               | 1.0                      |
| <b>Agro-Soy</b>     |                                  |                          | DSR-207 (V)(R)         | 93                               | 3.0                      |
| 31 (V)(R)           | 88                               | 1.7                      | DSR-212 (V)(R)         | 97                               | 4.3                      |
| 38 (V)(E)           | 94                               | 5.0                      | DSR-227 (V)(R)         | 97                               | 5.0                      |
| 46 (V)(R)           | 93                               | 1.3                      | DSR-232 (V)(R)         | 92                               | 5.0                      |
| 64 (V)(R)           | 98                               | 2.7                      | DSR-303 (V)(R)         | 97                               | 1.0                      |
| 69 (V)(R)           | 98                               | 3.3                      | DSR-312 (V)(R)         | 100                              | 1.7                      |
| <b>Americana</b>    |                                  |                          | DSR-320 (V)(R)         | 99                               | 1.0                      |
| B507 (V)(E)         | 99                               | 2.7                      | DSR-352 (V)(R)         | 99                               | 1.0                      |
| B508 (V)(E)         | 98                               | 1.7                      | 82-242 (V)(E)          | 95                               | 3.7                      |
| B510 (V)(E)         | 99                               | 1.7                      | <b>De Soy</b>          |                                  |                          |
| B513 (V)(E)         | 100                              | 3.3                      | 307 (B)(E)             | 94                               | 3.3                      |
| B515 (V)(E)         | 99                               | 3.3                      | 555E (B)(R)            | 97                               | 2.7                      |
| B518 (V)(E)         | 96                               | 3.3                      | 606A (B)(E)            | 96                               | 2.7                      |
| B519 (V)(E)         | 99                               | 1.0                      | 675 (B)(R)             | 100                              | 4.3                      |
| B528 (V)(E)         | 97                               | 1.0                      | 700 (B)(E)             | 92                               | 4.0                      |
| Clinton (V)(R)      | 95                               | 1.7                      | 730 (B)(E)             | 95                               | 3.7                      |
| Clipper (V)(R)      | 81                               | 2.7                      | 750 (B)(R)             | 96                               | 2.0                      |
| Concord (B)(R)      | 88                               | 4.0                      | 777A (B)(R)            | 99                               | 3.3                      |
| Hancock (V)(R)      | 96                               | 1.0                      | 800 (B)(R)             | 94                               | 3.0                      |
| Raelyn (V)(R)       | 100                              | 3.7                      | 808 (B)(E)             | 95                               | 3.7                      |
| Rebel (V)(R)        | 99                               | 1.0                      | 875 (B)(R)             | 100                              | 2.0                      |
| Revere (V)(R)       | 88                               | 1.3                      | 900 (B)(E)             | 97                               | 1.7                      |
| XK505 (V)(R)        | 98                               | 2.0                      | 919 (B)(R)             | 97                               | 1.7                      |
| XK585 (V)(R)        | 94                               | 1.0                      | 919A (B)(E)            | 94                               | 2.3                      |
| Yankee (V)(R)       | 99                               | 4.7                      | 950A (B)(R)            | 98                               | 3.7                      |
| <b>Asgrow</b>       |                                  |                          | 975E (B)(R)            | 99                               | 2.7                      |
| A1937 (V)(R)        | 95                               | 3.0                      | <b>Diener Bros.</b>    |                                  |                          |
| A2575 (V)(R)        | 94                               | 3.3                      | DB210 (V)(R)           | 99                               | 2.3                      |
| A2680 (V)(R)        | 95                               | 3.3                      | DB28 (B)(R)            | 99                               | 2.0                      |
| A2858 (V)(R)        | 95                               | 1.0                      | DB310 (V)(R)           | 95                               | 4.3                      |
| A3127 (V)(R)        | 97                               | 1.0                      | DB340 (V)(R)           | 97                               | 5.0                      |
| A3659 (V)(R)        | 92                               | 2.3                      | <b>Duesterhaus</b>     |                                  |                          |
| A3860 (V)(R)        | 97                               | 1.0                      | L 14 (V)(R)            | 94                               | 1.3                      |
| A4268 (V)(R)        | 96                               | 1.7                      | L 12 (V)(R)            | 90                               | 3.0                      |
| A5474 (V)(R)        | 98                               | 3.0                      | L 13 (V)(R)            | 98                               | 1.0                      |

## Germination and Emergence Scores (continued)

| Entry                   |            |           | Entry                             |             |          |
|-------------------------|------------|-----------|-----------------------------------|-------------|----------|
| Blend (B)               |            |           | Blend (B)                         |             |          |
| Variety (V)             |            |           | Variety (V)                       |             |          |
| Experimental (E)        | Greenhouse | Emergence | Experimental (E)                  | germination | score    |
| Released (R)            | (percent)  | (1 to 5)  | Released (R)                      | (percent)   | (1 to 5) |
| <b>Elite</b>            |            |           |                                   |             |          |
| 242 (V) (R)             | 85         | 4.3       | J 112 (V) (R)                     | 95          | 2.0      |
| 342 (V) (R)             | 97         | 3.3       | JM Schultz                        |             |          |
| 382 (V) (R)             | 89         | 4.7       | JMS 2382 (V) (R)                  | 88          | 5.0      |
| 81-2 (V) (R)            | 99         | 2.0       | JMS 3482 (V) (R)                  | 91          | 1.3      |
| <b>FFR</b>              |            |           | JMS 4982 (V) (R)                  | 98          | 4.3      |
| 225 (V) (E)             | 85         | 2.7       | Mitchell (V) (R)                  | 94          | 2.7      |
| 2845 (V) (E)            | 92         | 1.7       | Shawnee (V) (R)                   | 96          | 2.7      |
| 330 B (B) (E)           | 92         | 4.0       | Shawnee II (V) (R)                | 86          | 3.7      |
| <b>FS HiSoy</b>         |            |           | Victor (V) (R)                    | 96          | 1.3      |
| HS 220 (V) (R)          | 95         | 2.0       | Washington 5 (V) (R)              | 93          | 1.3      |
| HS 235 (V) (R)          | 98         | 3.0       | <b>Kaltenberg</b>                 |             |          |
| HS 265 (V) (R)          | 98         | 4.3       | KB 212 (V) (R)                    | 97          | 1.7      |
| HS 320 (V) (R)          | 97         | 1.7       | KB 231 (V) (R)                    | 85          | 2.3      |
| HS 322 (V) (R)          | 96         | 1.3       | <b>Geo. Keller &amp; Sons Co.</b> |             |          |
| HS 360 (V) (R)          | 93         | 1.3       | Grant (V) (R)                     | 96          | 1.7      |
| HS 450 (V) (E)          | 96         | 4.3       | K-914 (V) (E)                     | 98          | 3.7      |
| 226 (B) (R)             | 94         | 2.7       | K-916 (V) (E)                     | 98          | 2.0      |
| 280 (V) (R)             | 97         | 2.7       | K-917 (V) (E)                     | 88          | 4.3      |
| 350 (B) (R)             | 98         | 2.0       | <b>Kitchen</b>                    |             |          |
| 425 (B) (R)             | 100        | 1.3       | KSC 180 (V) (R)                   | 98          | 2.0      |
| 480 (B) (R)             | 98         | 3.3       | KSC 190 (V) (E)                   | 90          | 3.0      |
| <b>Fulvar</b>           |            |           | KSC 380 (V) (R)                   | 93          | 1.0      |
| 241 (V) (R)             | 91         | 3.0       | KSC 383 (V) (R)                   | 99          | 1.0      |
| 261 (V) (R)             | 94         | 2.7       | <b>Kruger</b>                     |             |          |
| 331 (V) (R)             | 95         | 1.0       | K-2000 (V) (R)                    | 100         | 4.0      |
| 381 (V) (R)             | 97         | 1.3       | K-2001C (V) (E)                   | 96          | 1.3      |
| <b>Funk</b>             |            |           | K-2010A (V) (R)                   | 95          | 2.0      |
| G-3236 (V) (R)          | 92         | 1.0       | K-2120 (V) (R)                    | 95          | 3.7      |
| G-3340 (V) (R)          | 95         | 1.0       | K-2187 (V) (ER)                   | 95          | 4.0      |
| 12155 (V) (E)           | 97         | 4.7       | K-2195 (V) (R)                    | 87          | 3.3      |
| 12172 (V) (E)           | 99         | 3.0       | K-2196 (V) (ER)                   | 98          | 4.3      |
| <b>Furrow Seed Co.</b>  |            |           | K-2199 (V) (E)                    | 97          | 1.3      |
| ST 215 (V) (R)          | 89         | 3.0       | K-2205 (V) (R)                    | 95          | 4.0      |
| ST 259 (B) (R)          | 97         | 1.7       | K-2206 (V) (E)                    | 89          | 4.3      |
| ST 271 (V) (R)          | 98         | 1.0       | K-3015A (V) (R)                   | 93          | 2.0      |
| <b>Gold Tag</b>         |            |           | K-3035S (V) (R)                   | 93          | 2.3      |
| Brand 1270 (V) (R)      | 96         | 2.0       | K-3999 (V) (ER)                   | 92          | 1.0      |
| GT 1170 (V) (R)         | 83         | 5.0       | K-4085 (V) (R)                    | 99          | 1.0      |
| GT 1250 (V) (R)         | 94         | 1.7       | KB-210 (B) (E)                    | 97          | 3.0      |
| GT 1310 (V) (R)         | 96         | 1.0       | KB-211 (B) (ER)                   | 93          | 3.7      |
| GT 1380 (V) (R)         | 95         | 2.3       | KB-212 (B) (ER)                   | 96          | 1.0      |
| GT 1440 (V) (R)         | 84         | 3.7       | KB-212C (B) (ER)                  | 97          | 4.3      |
| <b>Helena</b>           |            |           | KB-220 (B) (ER)                   | 99          | 4.0      |
| Exp. HB-S8120-5 (V) (E) | 98         | 1.7       | KB-225 (B) (E)                    | 94          | 3.3      |
| Exp. HB-466D1-5 (V) (E) | 89         | 1.0       | KB-230 (B) (ER)                   | 94          | 2.7      |
| <b>Helena Brand</b>     |            |           | KB-240 (B) (ER)                   | 94          | 3.0      |
| 301 (V) (R)             | 100        | 1.0       | KB-245 (B) (ER)                   | 92          | 4.0      |
| 401 (V) (R)             | 92         | 3.7       | KB-250 (B) (E)                    | 91          | 2.3      |
| <b>Helena Preferred</b> |            |           | KB-252 (B) (E)                    | 97          | 2.7      |
| Stevens (V) (R)         | 86         | 2.7       | KB-304 (B) (ER)                   | 95          | 3.0      |
| <b>Henkel Seeds</b>     |            |           | KB-315 (B) (ER)                   | 99          | 3.0      |
| Super Soy 446 (B) (R)   | 94         | 1.0       | KB-320 (B) (R)                    | 96          | 2.0      |
| Super Soy 530 (B) (R)   | 93         | 2.0       | KB-324 (B) (E)                    | 97          | 2.3      |
| Super Soy 535 (B) (R)   | 96         | 1.7       | KB-365 (B) (ER)                   | 96          | 2.7      |
| Super Soy 594 (B) (R)   | 90         | 2.0       | <b>Landers</b>                    |             |          |
| <b>Hoblit</b>           |            |           | 2908 (B) (R)                      | 93          | 1.7      |
| Bounty (V) (R)          | 94         | 1.0       | 3912 (B) (R)                      | 97          | 3.3      |
| Liberty (V) (R)         | 98         | 1.7       | 4920 (B) (R)                      | 87          | 3.0      |
| Shiloh I (V) (R)        | 96         | 1.0       | <b>Lewis</b>                      |             |          |
| <b>Jacques</b>          |            |           | 20 (V) (R)                        | 95          | 4.3      |
| J 103 (V) (R)           | 98         | 2.7       | 21 (V) (R)                        | 96          | 5.0      |
| J 110 Exp (V) (E)       | 94         | 3.3       | 23 (V) (R)                        | 95          | 2.0      |

## Germination and Emergence Scores (continued)

| Entry                | Greenhouse germination (percent) | Emergence score (1 to 5) | Entry                            | Greenhouse germination (percent) | Emergence score (1 to 5) |
|----------------------|----------------------------------|--------------------------|----------------------------------|----------------------------------|--------------------------|
| Blend (B)            |                                  |                          | Blend (B)                        |                                  |                          |
| Variety (V)          |                                  |                          | Variety (V)                      |                                  |                          |
| Experimental (E)     |                                  |                          | Experimental (E)                 |                                  |                          |
| Released (R)         |                                  |                          | Released (R)                     |                                  |                          |
| <b>Lewis, cont.</b>  |                                  |                          | <b>Midwest Oilseeds</b>          |                                  |                          |
| 24 (V)(E)            | 95                               | 3.3                      | 3350 (V)(E)                      | 100                              | 2.3                      |
| 31 (V)(R)            | 95                               | 4.0                      | 4310 (V)(E)                      | 93                               | 2.7                      |
| 32A (B)(E)           | 97                               | 3.0                      | <b>Migro</b>                     |                                  |                          |
| 37 (V)(R)            | 95                               | 4.7                      | Ex 1051 (V)(E)                   | 94                               | 1.7                      |
| 43 (V)(R)            | 96                               | 1.7                      | HP20-20 (V)(R)                   | 88                               | 2.3                      |
| 45 (V)(E)            | 75                               | 1.7                      | HP2530 (V)(R)                    | 91                               | 1.3                      |
| 46 (V)(E)            | 89                               | 3.7                      | HP3700 (V)(R)                    | 70                               | 4.7                      |
| 49 (V)(E)            | 95                               | 3.7                      | HP4800 (V)(R)                    | 94                               | 1.3                      |
| <b>Lowe Seed</b>     |                                  |                          | <b>NAPB</b>                      |                                  |                          |
| 211 (V)(R)           | 85                               | 3.7                      | EX 3016 (V)(E)                   | 90                               | 1.7                      |
| 244 (V)(R)           | 87                               | 3.0                      | EX 68225-14 (V)(E)               | 98                               | 1.7                      |
| 366 (V)(R)           | 94                               | 1.3                      | EX 68225-32 (V)(E)               | 95                               | 4.3                      |
| 399A (V)(R)          | 96                               | 1.7                      | EX 68225-40 (V)(E)               | 96                               | 1.3                      |
| <b>Masco</b>         |                                  |                          | EX 73011 (V)(E)                  | 99                               | 5.0                      |
| Baron-82 (V)(R)      | 95                               | 2.3                      | EX 73020 (V)(E)                  | 99                               | 2.0                      |
| Dynamo-82 (V)(R)     | 97                               | 1.7                      | EX 73030-32 (V)(E)               | 91                               | 5.0                      |
| 422 (B)(R)           | 98                               | 1.7                      | EX 73030-34 (V)(E)               | 96                               | 3.7                      |
| 4444 (B)(R)          | 97                               | 3.0                      | EX 73053 (V)(E)                  | 96                               | 2.3                      |
| 8133 (V)(R)          | 92                               | 1.0                      | <b>Noble</b>                     |                                  |                          |
| 8156 (V)(R)          | 98                               | 1.0                      | NB 2100 (V)(R)                   | 95                               | 1.7                      |
| 82-2 (B)(R)          | 90                               | 3.7                      | NB 2121 (V)(R)                   | 96                               | 2.3                      |
| 82-3 (B)(R)          | 91                               | 2.7                      | NB 2600 (V)(R)                   | 89                               | 2.7                      |
| 8255 (V)(R)          | 97                               | 2.0                      | NB 3131 (V)(R)                   | 88                               | 2.0                      |
| <b>McCubbin</b>      |                                  |                          | <b>Northrup King Co.</b>         |                                  |                          |
| Carson (V)(R)        | 99                               | 3.3                      | MV24-59 (B)(R)                   | 81                               | 3.7                      |
| Ex 2240 (V)(E)       | 93                               | 3.7                      | MV32-67 (B)(R)                   | 96                               | 2.0                      |
| Ex 2250 (V)(E)       | 100                              | 4.3                      | MV39-19 (B)(R)                   | 94                               | 5.0                      |
| Ex 4290 (V)(E)       | 97                               | 3.0                      | MV95 (B)(R)                      | 96                               | 1.7                      |
| Leo II (V)(R)        | 96                               | 1.3                      | S1492 (V)(R)                     | 88                               | 3.3                      |
| Shiloh (V)(R)        | 95                               | 3.3                      | S2596 (V)(R)                     | 83                               | 3.0                      |
| Troy II (V)(R)       | 99                               | 2.3                      | S40-44 (V)(R)                    | 96                               | 5.0                      |
| IX-124 (V)(E)        | 94                               | 3.0                      | S67304 (B)(E)                    | 84                               | 2.7                      |
| <b>McCurdy</b>       |                                  |                          | 708182 (V)(E)                    | 91                               | 4.7                      |
| ML3 (B)(R)           | 92                               | 3.3                      | 729178 (V)(E)                    | 89                               | 1.0                      |
| X204B (B)(E)         | 88                               | 1.0                      | <b>Paymaster</b>                 |                                  |                          |
| X303B (B)(E)         | 95                               | 3.7                      | 201 (B)(R)                       | 87                               | 2.3                      |
| 101+ (B)(R)          | 96                               | 4.3                      | 351 (V)(R)                       | 96                               | 3.7                      |
| 102+ (B)(R)          | 95                               | 3.3                      | 401 (V)(R)                       | 94                               | 3.0                      |
| 109+ (B)(R)          | 89                               | 3.3                      | <b>Pfizer Genetics</b>           |                                  |                          |
| 308+ (B)(R)          | 92                               | 1.0                      | CB391 (B)(R)                     | 97                               | 4.3                      |
| 385B (B)(R)          | 89                               | 2.0                      | CB425 (B)(R)                     | 89                               | 4.0                      |
| 500A (B)(R)          | 94                               | 3.3                      | CX155 (V)(R)                     | 99                               | 2.3                      |
| 94+ (B)(R)           | 97                               | 2.7                      | CX275 (V)(R)                     | 89                               | 3.0                      |
| <b>Merschman</b>     |                                  |                          | CX321 (V)(R)                     | 93                               | 3.7                      |
| Cheyenne II (V)(R)   | 93                               | 3.7                      | CX380 (V)(R)                     | 98                               | 1.7                      |
| Cleveland (V)(R)     | 95                               | 2.0                      | CX482 (V)(R)                     | 97                               | 3.0                      |
| Comanche (V)(R)      | 99                               | 4.7                      | EC1147 (V)(E)                    | 96                               | 3.7                      |
| Dallas (V)(R)        | 87                               | 5.0                      | EC2002 (B)(E)                    | 97                               | 2.3                      |
| Jefferson II (B)(R)  | 95                               | 4.3                      | EC312 (V)(E)                     | 90                               | 2.7                      |
| Jefferson III (B)(R) | 93                               | 2.7                      | 2ER-81 (B)(R)                    | 94                               | 3.3                      |
| Kennedy (V)(R)       | 89                               | 4.7                      | <b>Prairie State Commodities</b> |                                  |                          |
| Navaho III (V)(R)    | 93                               | 3.7                      | PSC 1403 (V)(E)                  | 90                               | 2.7                      |
| Richmond (V)(R)      | 93                               | 1.7                      | PSC 1404 (V)(E)                  | 100                              | 2.3                      |
| Sauk (B)(R)          | 94                               | 4.0                      | <b>Pride</b>                     |                                  |                          |
| Shawnee II (V)(R)    | 92                               | 5.0                      | B203 (V)(R)                      | 98                               | 2.0                      |
| Truman II (V)(R)     | 94                               | 3.3                      | B216 (V)(R)                      | 99                               | 2.7                      |
| Washington V (V)(R)  | 98                               | 1.7                      | B242 (V)(R)                      | 96                               | 1.3                      |
| <b>MFA Mosoy</b>     |                                  |                          | PK352 Brand (B)(R)               | 94                               | 2.3                      |
| PV42 (V)(R)          | 97                               | 2.3                      | <b>Public Variety</b>            |                                  |                          |
| 480 (B)(R)           | 96                               | 1.0                      | Amsoy 71 (V)(R)                  | 96                               | 1.3                      |
| 582 (B)(R)           | 94                               | 1.0                      | Beeson 80 (V)(R)                 | 93                               | 2.3                      |

## Germination and Emergence Scores (continued)

| Entry                 |             |           | Entry                    |             |           |
|-----------------------|-------------|-----------|--------------------------|-------------|-----------|
| Blend (B)             |             |           | Blend (B)                |             |           |
| Variety (V)           | Greenhouse  | Emergence | Variety (V)              | Greenhouse  | Emergence |
| Experimental (E)      | germination | score     | Experimental (E)         | germination | score     |
| Released (R)          | (percent)   | (1 to 5)  | Released (R)             | (percent)   | (1 to 5)  |
| Public Variety, cont. |             |           |                          |             |           |
| BSR 201 (V)(R)        | 97          | 1.0       | S 44A (B)(R)             | 99          | 2.3       |
| Century (V)(R)        | 94          | 4.3       | S 45C (B)(R)             | 93          | 1.3       |
| Corsoy 79 (V)(R)      | 95          | 1.7       | S 46C (B)(R)             | 93          | 1.3       |
| Cumberland (V)(R)     | 95          | 3.0       | S 47B (V)(R)             | 93          | 2.7       |
| De Soto (V)(R)        | 98          | 4.7       | S 47C (B)(R)             | 98          | 2.3       |
| Elf (V)(R)            | 89          | 2.7       | S 52A (B)(R)             | 93          | 2.3       |
| Essex (V)(R)          | 93          | 2.0       | S 56 (B)(R)              | 82          | 3.7       |
| Fayette (V)(R)        | 99          | 2.3       | S 56A (V)(R)             | 94          | 3.0       |
| Franklin (V)(R)       | 91          | 1.3       | S 60C (B)(R)             | 91          | 2.7       |
| Gnome (V)(R)          | 98          | 4.3       | Seedmakers               |             |           |
| Hardin (V)(R)         | 100         | 1.0       | 27291G (V)(E)            | 99          | 1.7       |
| Hobbit (V)(R)         | 95          | 2.3       | 3-G (V)(R)               | 99          | 3.7       |
| Lawrence (V)(R)       | 91          | 2.3       | 72118H (V)(E)            | 92          | 2.0       |
| Nathan (V)(R)         | 93          | 3.3       | 8-C (V)(R)               | 98          | 1.7       |
| Pella (V)(R)          | 98          | 1.7       | 9-E (V)(R)               | 89          | 4.0       |
| Pixie (V)(R)          | 97          | 2.7       | Shissler                 |             |           |
| Sprite (V)(R)         | 93          | 1.0       | GR8-263 (V)(R)           | 90          | 3.0       |
| Union (V)(R)          | 89          | 2.3       | GR8-265 (V)(R)           | 91          | 2.3       |
| Weber (V)(R)          | 91          | 1.7       | GR8-366 (V)(R)           | 95          | 4.3       |
| Wells II (V)(R)       | 90          | 2.0       | GR8-367 (V)(R)           | 95          | 4.3       |
| Will (V)(R)           | 96          | 4.0       | Sieben                   |             |           |
| Williams 79 (V)(R)    | 92          | 3.3       | SS 235 (V)(R)            | 89          | 3.0       |
| Williams 82 (V)(R)    | 100         | 4.3       | SS 222 (V)(R)            | 94          | 2.7       |
| Rice                  |             |           | SRF                      |             |           |
| 2020 (V)(R)           | 95          | 1.0       | 205 (V)(R)               | 95          | 2.3       |
| Ring Around           |             |           | 250 (V)(R)               | 89          | 3.7       |
| Mitchell-450 (V)(R)   | 94          | 2.7       | Stewart Hybrids          |             |           |
| RA-203 (V)(R)         | 94          | 2.0       | Seedmakers 9-E (V)(R)    | 100         | 2.3       |
| RA-31 (B)(R)          | 78          | 4.0       | Stewart Seeds            |             |           |
| RA-36 (B)(R)          | 97          | 4.7       | SB 3400 (V)(R)           | 84          | 4.7       |
| RA-401 (V)(R)         | 90          | 2.0       | SB 3700 (V)(R)           | 98          | 2.0       |
| RA-403 (V)(R)         | 88          | 4.0       | Stine                    |             |           |
| RAX-100 (V)(E)        | 95          | 1.0       | 2050 (V)(R)              | 93          | 3.0       |
| RAX-101 (V)(E)        | 88          | 2.7       | 3010 (V)(R)              | 98          | 2.3       |
| RAX-102 (V)(E)        | 98          | 4.7       | Supersoy                 |             |           |
| RAX-103 (V)(E)        | 94          | 3.0       | 431 (B)(R)               | 94          | 1.3       |
| RAX-84 (V)(E)         | 89          | 1.7       | 432 (V)(R)               | 95          | 2.3       |
| RAX-86 (V)(E)         | 96          | 1.0       | 450 (B)(R)               | 94          | 2.3       |
| RAX-87 (V)(E)         | 98          | 3.7       | 455 (B)(R)               | 91          | 4.3       |
| RAX-88 (V)(E)         | 97          | 2.7       | 460A (B)(R)              | 88          | 4.3       |
| RAX-89 (V)(E)         | 36          | 4.7       | 470 (B)(R)               | 90          | 1.7       |
| RAX-90 (V)(E)         | 89          | 1.0       | Taylor-Evans             |             |           |
| RAX-91 (V)(E)         | 97          | 1.0       | Golden Acres 8350 (B)(R) | 87          | 3.3       |
| RAX-92 (V)(E)         | 97          | 2.0       | Golden Acres 8450 (V)(R) | 97          | 2.0       |
| RAX-93 (V)(E)         | 91          | 2.3       | Golden Acres 8490 (V)(R) | 86          | 3.0       |
| RAX-94 (V)(E)         | 92          | 4.3       | Trisler                  |             |           |
| RAX-95 (V)(E)         | 83          | 2.3       | Trisoy 201 (V)(R)        | 98          | 1.0       |
| RAX-96 (V)(E)         | 96          | 2.3       | Trisoy 211 (V)(R)        | 97          | 3.0       |
| RAX-97 (V)(E)         | 95          | 4.7       | Trisoy 215 (V)(R)        | 92          | 1.7       |
| RAX-98 (V)(E)         | 98          | 5.0       | Trisoy 301 (V)(R)        | 93          | 2.0       |
| RAX-99 (V)(E)         | 96          | 3.3       | Trisoy 302 (B)(R)        | 91          | 1.7       |
| Riverside             |             |           | Trisoy 322 (V)(R)        | 94          | 4.7       |
| 202R (B)(R)           | 89          | 2.0       | Voris                    |             |           |
| 2024 (V)(R)           | 93          | 4.3       | B202 (B)(R)              | 96          | 2.3       |
| 2025 (V)(R)           | 96          | 4.0       | Exp. 0120 (V)(E)         | 98          | 5.0       |
| 303A (V)(R)           | 92          | 3.3       | Exp. 0550 (V)(E)         | 99          | 3.0       |
| 3033 (V)(R)           | 95          | 1.3       | Exp. 0811 (V)(E)         | 99          | 4.0       |
| 4042 (B)(R)           | 93          | 2.3       | 207 (V)(R)               | 98          | 1.0       |
| 4044 (B)(R)           | 91          | 4.0       | 247 (V)(R)               | 93          | 4.3       |
| S Brand               |             |           | 257 (V)(R)               | 99          | 2.3       |
| S 43B (B)(R)          | 94          | 3.7       | 285 (V)(R)               | 95          | 4.3       |
| S 43C (B)(R)          | 97          | 1.7       | 295 (V)(R)               | 90          | 3.7       |

## Germination and Emergence Scores (continued)

| Entry            |             |           | Entry             |             |           |
|------------------|-------------|-----------|-------------------|-------------|-----------|
| Blend (B)        | Greenhouse  | Emergence | Blend (B)         | Greenhouse  | Emergence |
| Variety (V)      | germination | score     | Variety (V)       | germination | score     |
| Experimental (E) | (percent)   | (1 to 5)  | Experimental (E)  | (percent)   | (1 to 5)  |
| Released (R)     |             |           | Released (R)      |             |           |
| Voriss, cont.    |             |           |                   |             |           |
| 339 (V)(R)       | 95          | 2.7       | 2450 (B)          | 97          | 1.3       |
| 465 (V)(R)       | 98          | 4.7       | 3450 (B)          | 94          | 4.0       |
| 495 (V)(R)       | 97          | 4.3       |                   |             |           |
| Wilken Brand     |             |           |                   |             |           |
| 2360 (B)         | 97          | 2.0       | Average           | 94          | 2.7       |
| 2400 (V)         | 94          | 3.7       | L.S.D. 10% Level  | 7           | 1.8       |
| 2445 (B)         | 93          | 1.7       | Std. Err. of Mean | 3           | 0.7       |

**Soybean Variety Trial Results  
DEKALB (30-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>MATURITY GROUP I</b>   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRIGENETICS</b>       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 1101A.....                | 48.4          | 9/11         | 1.3          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 1102A.....                | 41.4          | 9/18         | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>ASGROW</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A1937.....                | 52.0          | 9/11         | 2.0          | 41               | 1.0             | 49.4          | 9/15         | 2.5          | 29               | 1.3             |               |              |                 |
| <b>DAIRYLAND</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-171.....              | 48.4          | 9/19         | 2.5          | 43               | 1.0             | 48.2          | 9/19         | 2.3          | 33               | 1.7             | 41.9          | 1.7          | 1.0             |
| <b>GOLD TAG</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1170.....              | 46.0          | 9/19         | 2.8          | 42               | 1.0             | 40.5          | 9/11         | 2.8          | 33               | 2.0             | 40.0          | 2.4          | 1.0             |
| <b>MC CURDY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 94+.....                  | 45.1          | 9/16         | 2.7          | 39               | 1.0             | 44.5          | 9/20         | 2.5          | 32               | 1.0             | 39.0          | 2.0          | 1.0             |
| <b>PFIZER GENETICS</b>    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX155.....                | 45.9          | 9/18         | 3.7          | 41               | 1.0             | 46.2          | 9/17         | 3.0          | 35               | 2.0             | 33.0          | 3.0          | 1.0             |
| EC2002.....               | 38.7          | 9/14         | 3.7          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>PUBLIC VARIETY</b>     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HARDIN.....               | 46.6          | 9/14         | 3.7          | 42               | 1.0             | 48.3          | 9/18         | 3.0          | 32               | 1.7             | 35.7          | 2.4          | 1.0             |
| WEBER.....                | 40.1          | 9/19         | 3.5          | 39               | 1.0             | 41.8          | 9/16         | 3.0          | 33               | 1.7             | 33.4          | 4.0          | 1.0             |
| AVERAGE.....              | 45.3          | ..           | 2.9          | 40               | 1.0             | 45.4          | ..           | 2.8          | 32               | 1.5             | 36.9          | 2.5          | 1.0             |
| L.S.D. 10% LEVEL.....     | 4.2           | ..           | 0.6          | 2                | ..              | ..            | ..           | 0.5          | 3                | ..              | 4.9           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 2.6           | ..           | 0.4          | 1                | ..              | ..            | ..           | 0.3          | 2                | ..              | 3.0           | ..           | ..              |
| STD ERR OF MEAN.....      | 1.7           | ..           | 0.3          | 1                | 0.0             | 2.3           | ..           | 0.2          | 1                | 0.3             | 2.0           | ..           | ..              |
| <b>MATURITY GROUP II</b>  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRIGENETICS</b>       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2102A.....                | 39.2          | 9/28         | 3.1          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>AGRIPRO</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 200.....               | 45.7          | 9/18         | 3.5          | 43               | 1.0             | 45.6          | 9/18         | 3.3          | 33               | 1.3             | 37.5          | 3.2          | 1.0             |
| AP 230.....               | 46.1          | 9/19         | 1.0          | 35               | 1.0             | 44.9          | 9/23         | 1.5          | 36               | 1.0             |               |              |                 |
| AP 240.....               | 51.8          | 9/27         | 2.3          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>AGRISOY</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 215.....                  | 49.6          | 9/20         | 2.8          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 220.....                  | 41.9          | 9/24         | 2.0          | 39               | 1.0             | 49.4          | 9/25         | 2.7          | 37               | 1.0             |               |              |                 |
| 225.....                  | 50.0          | 9/28         | 3.2          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>AGRO-SOY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                   | 45.9          | 9/21         | 3.2          | 42               | 1.0             | 57.9          | 9/27         | 1.8          | 35               | 1.7             | 49.5          | 2.8          | 1.0             |
| <b>AMERICANA</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| B507.....                 | 45.3          | 9/26         | 2.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| B508.....                 | 45.1          | 9/24         | 3.2          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CLIPPER.....              | 47.5          | 9/23         | 2.6          | 42               | 1.0             | 46.4          | 9/22         | 1.7          | 32               | 1.0             |               |              |                 |
| XK505.....                | 39.7          | 9/25         | 2.8          | 44               | 1.0             | 53.0          | 9/28         | 1.8          | 36               | 1.3             | 36.8          | 1.7          | 1.0             |
| YANKEE.....               | 48.2          | 9/29         | 2.9          | 43               | 1.0             | 57.6          | 10/01        | 2.2          | 35               | 1.3             |               |              |                 |
| <b>ASGROW</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A2575.....                | 49.8          | 9/20         | 2.6          | 42               | 1.0             | 47.0          | 9/20         | 1.7          | 36               | 1.0             | 39.6          | 1.3          | 1.0             |
| A2680.....                | 43.8          | 9/22         | 3.0          | 36               | 1.0             | 49.0          | 9/25         | 3.0          | 35               | 1.3             | 41.1          | 2.8          | 1.0             |
| <b>BELLATTI</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| R-77-84.....              | 44.2          | 9/25         | 3.2          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>CALLAHAN</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 1250.....                 | 47.5          | 9/26         | 3.1          | 42               | 1.0             | 54.5          | 9/28         | 1.7          | 36               | 2.0             |               |              |                 |
| 3200.....                 | 42.7          | 9/15         | 2.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>CFS</b>                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 22.....                   | 46.5          | 9/22         | 2.9          | 42               | 1.0             | 47.9          | 9/24         | 2.3          | 35               | 1.0             | 34.7          | 3.8          | 1.0             |
| 23.....                   | 46.7          | 9/26         | 2.9          | 42               | 1.0             | 53.0          | 9/27         | 1.8          | 35               | 1.7             |               |              |                 |
| <b>DAIRYLAND</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-207.....              | 45.6          | 9/22         | 2.7          | 40               | 1.0             | 41.9          | 9/23         | 1.7          | 31               | 1.7             | 39.5          | 1.4          | 1.0             |
| DSR-212.....              | 46.6          | 9/23         | 2.9          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-227.....              | 47.8          | 9/28         | 2.6          | 42               | 1.0             | 55.2          | 9/30         | 2.2          | 37               | 1.0             |               |              |                 |
| DSR-232.....              | 48.6          | 9/29         | 3.4          | 40               | 1.0             | 49.9          | 9/28         | 2.5          | 34               | 1.3             | 39.3          | 2.2          | 1.0             |
| 82-242.....               | 43.8          | 9/28         | 3.6          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>DE SOY</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 307.....                  | 45.3          | 9/17         | 3.2          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 555E.....                 | 46.8          | 9/18         | 3.0          | 42               | 1.0             | 51.7          | 9/27         | 3.2          | 35               | 2.0             |               |              |                 |
| 606A.....                 | 48.3          | 9/23         | 3.1          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 675.....                  | 41.5          | 9/23         | 3.0          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 730.....                  | 51.6          | 9/30         | 2.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 750.....                  | 50.3          | 9/27         | 2.9          | 42               | 1.0             | 59.7          | 9/29         | 2.0          | 34               | 2.0             | 47.2          | 2.4          | 1.0             |
| 808.....                  | 45.2          | 9/28         | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>FFR</b>                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 225.....                  | 47.3          | 9/23         | 1.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>FS HISOY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 220.....               | 42.8          | 9/17         | 2.6          | 41               | 1.0             | 51.2          | 9/19         | 2.5          | 35               | 2.0             | 37.6          | 2.3          | 1.0             |
| HS 235.....               | 47.2          | 9/28         | 3.5          | 48               | 1.0             | 56.3          | 9/30         | 2.7          | 35               | 1.0             | 41.2          | 2.2          | 1.0             |
| HS 265.....               | 48.3          | 9/24         | 2.3          | 41               | 1.0             | 56.0          | 9/26         | 1.7          | 31               | 1.7             | 41.4          | 1.2          | 1.0             |
| 226.....                  | 49.5          | 9/20         | 2.4          | 43               | 1.0             | 49.1          | 9/24         | 1.8          | 35               | 1.3             |               |              |                 |
| 280.....                  | 45.6          | 9/25         | 2.8          | 43               | 1.0             | 58.2          | 9/29         | 1.7          | 36               | 1.3             | 46.2          | 1.3          | 1.0             |

**DEKALB (30-INCH ROW SPACING), continued**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3236.....               | 43.1          | 9/26         | 3.2          | 39               | 1.0             | 54.4          | 9/29         | 2.2          | 33               | 1.0             | 35.4          | 1.6          | 1.0             |
| 12155.....                | 40.5          | 9/28         | 2.5          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GOLD TAG                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BRAND 1270.....           | 46.0          | 9/26         | 2.8          | 41               | 1.0             | 51.9          | 9/29         | 2.0          | 34               | 2.0             |               |              |                 |
| GT 1250.....              | 48.2          | 9/28         | 3.1          | 40               | 1.0             | 54.5          | 9/28         | 2.0          | 35               | 1.3             | 35.7          | 1.6          | 1.0             |
| HENKEL SEEDS              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SUPER SOY 446.....        | 47.8          | 9/21         | 3.4          | 43               | 1.0             | 47.2          | 9/27         | 2.5          | 32               | 1.7             |               |              |                 |
| SUPER SOY 530.....        | 45.3          | 9/17         | 2.9          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SUPER SOY 535.....        | 42.2          | 9/20         | 3.4          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SUPER SOY 594.....        | 40.4          | 9/17         | 3.3          | 45               | 1.0             | 52.5          | 9/23         | 2.5          | 36               | 1.7             |               |              |                 |
| JACQUES                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| J 103.....                | 47.4          | 9/21         | 2.5          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 2382.....             | 46.5          | 9/26         | 3.1          | 42               | 1.0             | 54.0          | 9/30         | 1.8          | 36               | 1.7             |               |              |                 |
| SHAWNEE II.....           | 48.4          | 9/27         | 2.6          | 42               | 1.0             | 56.8          | 9/23         | 2.3          | 35               | 1.0             | 40.8          | 2.1          | 1.0             |
| SHAWNEE.....              | 44.0          | 9/28         | 3.2          | 44               | 1.0             | 53.9          | 9/29         | 2.2          | 36               | 1.3             | 38.6          | 3.5          | 1.0             |
| KALTENBERG                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KB 212.....               | 47.4          | 9/17         | 2.5          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KB 231.....               | 48.1          | 9/21         | 2.2          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KRUGER                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KB-210.....               | 45.5          | 9/17         | 3.1          | 42               | 1.0             | 49.7          | 9/20         | 2.7          | 34               | 2.0             |               |              |                 |
| KB-211.....               | 50.8          | 9/17         | 3.0          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KB-212C.....              | 46.4          | 9/17         | 2.7          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KB-212.....               | 49.0          | 9/18         | 2.6          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KB-220.....               | 50.3          | 9/21         | 2.8          | 42               | 1.0             | 50.5          | 9/23         | 2.2          | 36               | 1.7             |               |              |                 |
| KB-225.....               | 39.4          | 9/20         | 3.3          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KB-230.....               | 43.9          | 9/28         | 2.8          | 41               | 1.0             | 52.6          | 9/19         | 1.8          | 36               | 1.7             |               |              |                 |
| KB-240.....               | 41.5          | 9/18         | 2.7          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KB-250.....               | 48.7          | 9/26         | 3.0          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| K-2000.....               | 51.2          | 9/22         | 2.1          | 42               | 1.0             | 53.3          | 9/23         | 2.3          | 36               | 1.0             |               |              |                 |
| K-2001C.....              | 48.4          | 9/21         | 2.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 21.....                   | 44.2          | 9/29         | 2.6          | 43               | 1.0             | 54.7          | 9/31         | 1.8          | 34               | 1.0             | 42.7          | 1.5          | 1.0             |
| LOWE SEED                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 211.....                  | 44.8          | 9/25         | 2.9          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MASCO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BARON-82.....             | 43.9          | 9/25         | 3.4          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 8133.....                 | 40.0          | 9/21         | 3.0          | 41               | 1.0             | 39.1          | 9/22         | 2.0          | 35               | 1.7             |               |              |                 |
| 82-2.....                 | 45.9          | 9/26         | 2.9          | 46               | 1.0             | 50.5          | 9/26         | 2.2          | 35               | 1.3             |               |              |                 |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 2240.....              | 45.2          | 9/16         | 3.1          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 2250.....              | 47.9          | 9/23         | 2.9          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHILOH.....               | 44.4          | 9/25         | 3.1          | 42               | 1.0             | 49.8          | 9/23         | 2.7          | 33               | 1.3             |               |              |                 |
| 1X-124.....               | 50.0          | 9/28         | 2.4          | 41               | 1.0             | 53.4          | 9/29         | 1.5          | 33               | 1.7             |               |              |                 |
| MC CURDY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| X204B.....                | 44.3          | 9/21         | 2.8          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 101+.....                 | 42.3          | 9/26         | 2.8          | 47               | 1.0             | 47.1          | 9/27         | 2.5          | 36               | 1.3             | 35.7          | 1.8          | 1.0             |
| 102+.....                 | 42.9          | 9/17         | 3.2          | 43               | 1.0             | 43.9          | 9/22         | 2.7          | 35               | 1.7             | 34.2          | 3.0          | 1.0             |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CHEYENNE II.....          | 48.2          | 9/28         | 2.5          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| COMANCHE.....             | 50.1          | 9/22         | 2.4          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NAVAHO III.....           | 50.3          | 9/20         | 2.8          | 45               | 1.0             | 50.3          | 10/04        | 2.0          | 41               | 1.0             |               |              |                 |
| SAUK.....                 | 45.3          | 9/27         | 3.1          | 42               | 1.0             | 51.7          | 9/27         | 2.2          | 36               | 1.7             | 36.7          | 2.2          | 1.0             |
| SHAWNEE II.....           | 44.4          | 9/25         | 3.0          | 42               | 1.0             | 50.1          | 9/24         | 2.8          | 34               | 1.3             | 37.7          | 1.7          | 1.0             |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP20-20.....              | 47.4          | 9/14         | 3.7          | 40               | 1.0             | 46.5          | 9/19         | 2.8          | 32               | 1.3             | 42.6          | 2.1          | 1.0             |
| HP2530.....               | 49.4          | 9/21         | 2.2          | 38               | 1.0             | 55.3          | 9/25         | 2.2          | 35               | 1.3             | 42.3          | 1.8          | 1.0             |
| NAPB                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 3016.....              | 41.9          | 9/14         | 2.3          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 73020.....             | 51.3          | 9/27         | 3.0          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 73053.....             | 44.1          | 9/27         | 2.3          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NOBLE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| NB 2100.....              | 43.0          | 9/24         | 2.5          | 44               | 1.0             | 43.0          | 9/24         | 2.7          | 38               | 1.3             | 37.5          | 2.3          | 1.0             |
| NB 2121.....              | 45.5          | 9/22         | 3.4          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NB 2600.....              | 40.9          | 9/24         | 2.6          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NORTHROP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV24-59.....              | 46.1          | 9/24         | 2.6          | 39               | 1.0             | 53.7          | 9/28         | 2.3          | 32               | 2.0             |               |              |                 |
| S1492.....                | 45.5          | 9/25         | 3.3          | 37               | 1.0             | 48.3          | 9/23         | 2.3          | 32               | 2.0             | 46.3          | 1.2          | 1.0             |
| S2596.....                | 49.6          | 9/23         | 2.2          | 39               | 1.0             | 49.0          | 9/26         | 2.2          | 32               | 1.0             | 45.5          | 1.1          | 1.0             |
| PAYMASTER                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 201.....                  | 46.1          | 9/14         | 3.1          | 42               | 1.0             | 41.3          | 9/18         | 2.3          | 32               | 2.0             | 36.6          | 1.6          | 1.0             |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2ER-81.....               | 41.6          | 9/16         | 3.3          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PRIDE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| B203.....                 | 50.4          | 9/20         | 3.7          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| B216.....                 | 47.4          | 9/22         | 3.3          | 41               | 1.0             | 50.8          | 9/23         | 2.3          | 33               | 2.0             | 40.2          | 1.7          | 1.0             |
| B242.....                 | 45.8          | 9/24         | 2.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AMSOY 71.....             | 41.0          | 9/27         | 3.7          | 48               | 1.0             | 51.1          | 9/26         | 2.8          | 36               | 1.0             | 31.6          | 2.7          | 1.0             |
| BEESON 80.....            | 44.8          | 9/22         | 3.1          | 43               | 1.0             | 51.6          | 9/27         | 2.2          | 34               | 1.3             | 39.4          | 1.9          | 1.0             |
| BSR 201.....              | 56.4          | 9/28         | 2.4          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CENTURY.....              | 40.8          | 9/22         | 2.7          | 42               | 1.0             | 54.6          | 9/29         | 1.5          | 34               | 1.0             | 38.2          | 1.4          | 1.0             |
| CORSOY 79.....            | 38.1          | 9/15         | 3.2          | 43               | 1.0             | 46.5          | 9/23         | 3.0          | 34               | 1.0             | 33.2          | 2.7          | 1.0             |
| GNOME.....                | 48.2          | 9/30         | 1.2          | 25               | 1.0             | 55.3          | 9/19         | 1.8          | 27               | 1.0             | 45.2          | 1.0          | 1.0             |
| WELLS II.....             | 43.6          | 9/17         | 2.4          | 43               | 1.0             | 48.2          | 9/18         | 1.7          | 35               | 2.0             | 36.3          | 1.3          | 1.0             |



DEKALB (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 303A.....                 | 49.5          | 9/27         | 2.5          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 4042.....                 | 45.3          | 9/24         | 3.2          | 45               | 1.0             | 47.5          | 9/23         | 2.2          | 37               | 1.0             | 41.9          | 1.7          | 1.0             |
| 4044.....                 | 48.9          | 9/26         | 3.2          | 45               | 1.0             | 48.6          | 9/20         | 2.5          | 37               | 1.3             |               |              |                 |
| SIEBEN                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SS 222.....               | 47.6          | 9/18         | 2.6          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SS 235.....               | 47.8          | 9/26         | 3.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SRF                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 205.....                  | 44.2          | 9/20         | 3.2          | 40               | 1.0             | 46.3          | 9/14         | 3.2          | 29               | 1.3             |               |              |                 |
| 250.....                  | 49.1          | 9/28         | 1.4          | 40               | 1.0             | 45.8          | 9/28         | 1.7          | 34               | 1.3             | 44.8          | 1.1          | 1.0             |
| STINE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2050.....                 | 47.2          | 9/28         | 3.1          | 43               | 1.0             | 53.8          | 9/30         | 1.7          | 35               | 1.3             |               |              |                 |
| SUPERSOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 431.....                  | 46.9          | 9/21         | 2.8          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 432.....                  | 48.6          | 9/23         | 2.6          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S BRAND                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 43B.....                | 49.1          | 9/17         | 2.7          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 43C.....                | 44.5          | 9/17         | 2.6          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 44A.....                | 48.1          | 9/16         | 3.0          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 45C.....                | 48.8          | 9/22         | 3.0          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 46C.....                | 49.0          | 9/28         | 2.9          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 47B.....                | 49.6          | 9/28         | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 47C.....                | 44.4          | 9/23         | 2.6          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VORIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| B202.....                 | 43.5          | 9/17         | 3.1          | 41               | 1.0             | 49.6          | 9/19         | 2.5          | 33               | 1.7             |               |              |                 |
| EXP. 0811.....            | 49.6          | 9/24         | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 207.....                  | 47.1          | 9/14         | 3.0          | 40               | 1.0             | 48.9          | 9/21         | 2.0          | 35               | 1.3             |               |              |                 |
| 247.....                  | 49.6          | 9/20         | 2.2          | 41               | 1.0             | 50.3          | 9/23         | 1.3          | 31               | 1.0             |               |              |                 |
| 285.....                  | 43.6          | 9/28         | 3.8          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 45.9          | ..           | 2.8          | 42               | 1.0             | 49.5          | ..           | 2.2          | 35               | 1.4             | 38.5          | 2.3          | 1.0             |
| L.S.D. 10% LEVEL.....     | 3.6           | ..           | 0.5          | 3                | ..              | 5.4           | ..           | 0.5          | 3                | 0.6             | 6.0           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 2.3           | ..           | 0.3          | 2                | ..              | 3.4           | ..           | 0.3          | 2                | 0.4             | 3.7           | ..           | ..              |
| STD ERR OF MEAN.....      | 1.6           | ..           | 0.2          | 1                | 0.0             | 2.3           | ..           | 0.2          | 1                | 0.3             | 2.5           | ..           | ..              |
| MATURITY GROUP III        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 250.....               | 51.4          | 10/01        | 2.5          | 44               | 1.0             | 57.4          | 9/30         | 2.0          | 36               | 1.0             | 37.1          | 2.6          | 1.0             |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 38.....                   | 52.9          | 10/02        | 3.2          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 46.....                   | 42.9          | 10/02        | 3.5          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CFS                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                   | 47.5          | 10/04        | 3.7          | 45               | 1.0             | 49.8          | 10/06        | 3.3          | 34               | 1.0             | 43.7          | 3.0          | 1.0             |
| 34.....                   | 44.4          | 9/29         | 2.8          | 44               | 1.0             | 52.6          | 10/05        | 2.2          | 33               | 1.0             | 36.4          | 1.6          | 1.0             |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3340.....               | 42.0          | 10/02        | 3.8          | 42               | 1.0             | 49.5          | 10/03        | 3.3          | 32               | 1.0             | 40.3          | 2.5          | 1.0             |
| 12172.....                | 40.4          | 9/28         | 3.5          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MASCO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DYNAMO-82.....            | 45.9          | 10/06        | 3.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 422.....                  | 42.1          | 10/02        | 3.7          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 4444.....                 | 42.5          | 10/09        | 3.5          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 8255.....                 | 53.0          | 9/27         | 2.7          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| LED II.....               | 48.1          | 10/04        | 3.7          | 45               | 1.0             | 52.9          | 10/05        | 3.2          | 36               | 1.0             |               |              |                 |
| TROY II.....              | 45.4          | 10/06        | 3.3          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JEFFERSON III.....        | 50.3          | 10/02        | 3.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRUMAN II.....            | 51.1          | 10/02        | 3.2          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON V.....         | 44.3          | 10/05        | 3.5          | 44               | 1.0             | 53.6          | 10/06        | 3.5          | 34               | 1.0             |               |              |                 |
| NAPB                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 73011.....             | 44.5          | 10/02        | 3.8          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 73030-34.....          | 43.3          | 9/27         | 2.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 38.3          | 10/02        | 3.5          | 44               | 1.0             | 50.3          | 10/03        | 2.8          | 33               | 1.0             | 35.0          | 1.9          | 1.0             |
| PELLA.....                | 44.8          | 9/30         | 3.2          | 41               | 1.0             | 52.4          | 10/02        | 2.0          | 36               | 1.0             | 36.1          | 1.2          | 1.0             |
| SPRITE.....               | 49.8          | 10/06        | 1.5          | 30               | 1.0             | 53.8          | 10/05        | 1.3          | 25               | 1.0             | 44.8          | 1.0          | 1.0             |
| WILLIAMS 82.....          | 40.9          | 10/06        | 3.3          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3033.....                 | 51.3          | 9/28         | 2.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 46.0          | ..           | 3.2          | 43               | 1.0             | 52.4          | ..           | 2.6          | 33               | 1.0             | 38.5          | 2.1          | 1.0             |
| L.S.D. 10% LEVEL.....     | 4.5           | ..           | 0.4          | 4                | ..              | 3.9           | ..           | 0.3          | 4                | ..              | 4.4           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 2.8           | ..           | 0.3          | 2                | ..              | 2.4           | ..           | 0.2          | 3                | ..              | 2.8           | ..           | ..              |
| STD ERR OF MEAN.....      | 1.9           | ..           | 0.2          | 2                | 0.0             | 1.6           | ..           | 0.1          | 2                | 0.0             | 1.9           | ..           | ..              |

Soybean Variety Trial Results  
**ELWOOD (30-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>MATURITY GROUP I</b>   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A1937.....                | 55.9          | 9/25         | 1.4          | 41               | 1.0             | 45.8          | 9/12         | 2.8          | 31               | 1.0             |               |              |                 |
| GOLD TAG                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1170.....              | 46.6          | 9/20         | 2.0          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX155.....                | 45.2          | 9/19         | 3.8          | 31               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EC2002.....               | 46.6          | 9/21         | 2.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HARDIN.....               | 50.5          | 9/21         | 3.7          | 45               | 1.0             | 39.1          | 9/14         | 3.7          | 31               | 1.0             | 46.0          | 1.8          |                 |
| WEBER.....                | 40.7          | 9/21         | 4.1          | 41               | 1.0             | 42.9          | 9/17         | 3.2          | 35               | 1.0             | 49.9          | 1.7          |                 |
| AVERAGE.....              | 47.6          | ..           | 2.9          | 41               | 1.0             | 45.3          | ..           | 2.8          | 36               | 1.0             | 52.1          | 1.7          |                 |
| L.S.D. 10% LEVEL.....     | 5.1           | ..           | 0.3          | 3                | ..              | 5.4           | ..           | 0.7          | 3                | ..              | 7.3           | ..           |                 |
| L.S.D. 30% LEVEL.....     | 3.1           | ..           | 0.2          | 2                | ..              | 3.4           | ..           | 0.5          | 2                | ..              | 4.6           | ..           |                 |
| STD ERR OF MEAN.....      | 2.0           | ..           | 0.1          | 1                | 0.0             | 2.3           | ..           | 0.3          | 1                | 0.0             | 3.1           | ..           |                 |
| <b>MATURITY GROUP II</b>  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 230.....               | 50.4          | 9/21         | 1.3          | 40               | 1.0             | 41.2          | 9/24         | 1.3          | 37               | 1.0             |               |              |                 |
| AP 240.....               | 51.8          | 9/23         | 1.3          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRISOY                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 220.....                  | 52.2          | 9/27         | 1.8          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 225.....                  | 51.6          | 10/01        | 3.8          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                   | 52.2          | 9/27         | 3.2          | 42               | 1.0             | 48.0          | 9/24         | 2.5          | 35               | 1.0             | 57.8          | 1.9          |                 |
| AMERICANA                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| B508.....                 | 45.2          | 9/29         | 2.8          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| B519.....                 | 42.6          | 9/28         | 3.4          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CLINTON.....              | 54.8          | 10/02        | 2.5          | 46               | 1.0             | 48.0          | 10/03        | 2.3          | 41               | 1.0             |               |              |                 |
| CLIPPER.....              | 50.2          | 9/26         | 2.7          | 41               | 1.0             | 48.7          | 9/19         | 2.7          | 37               | 1.0             |               |              |                 |
| YANKEE.....               | 48.5          | 9/30         | 3.7          | 43               | 1.0             | 47.9          | 9/27         | 3.3          | 41               | 1.0             |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A2575.....                | 53.7          | 9/22         | 1.5          | 47               | 1.0             | 46.3          | 9/21         | 1.5          | 33               | 1.0             | 54.6          | 1.4          |                 |
| A2680.....                | 52.0          | 9/23         | 1.5          | 41               | 1.0             | 44.6          | 9/23         | 3.2          | 36               | 1.0             |               |              |                 |
| A2858.....                | 43.0          | 9/24         | 2.8          | 42               | 1.0             | 41.2          | 9/23         | 2.7          | 32               | 1.0             | 42.6          | 1.7          |                 |
| BELLATTI                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| R-77-84.....              | 51.7          | 9/27         | 2.9          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CALLAHAN                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 1250.....                 | 48.3          | 9/27         | 4.3          | 42               | 1.0             | 51.4          | 9/30         | 2.0          | 37               | 1.0             |               |              |                 |
| 9240R.....                | 49.6          | 9/23         | 2.8          | 42               | 1.0             | 47.2          | 9/28         | 2.7          | 36               | 1.0             | 59.3          | 2.4          |                 |
| CFS                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 22.....                   | 47.4          | 9/26         | 2.7          | 46               | 1.0             | 43.6          | 9/21         | 3.2          | 37               | 1.0             | 54.1          | 2.3          |                 |
| 23.....                   | 52.9          | 10/01        | 3.1          | 42               | 1.0             | 47.9          | 9/27         | 2.7          | 37               | 1.0             |               |              |                 |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-207.....              | 46.3          | 9/22         | 3.4          | 41               | 1.0             | 45.7          | 9/20         | 3.0          | 34               | 1.0             |               |              |                 |
| DSR-212.....              | 47.3          | 9/16         | 2.8          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-227.....              | 50.0          | 9/25         | 3.3          | 45               | 1.0             | 47.6          | 9/26         | 3.7          | 40               | 1.0             |               |              |                 |
| DSR-232.....              | 48.9          | 9/30         | 3.8          | 43               | 1.0             | 44.9          | 9/24         | 3.2          | 37               | 1.0             |               |              |                 |
| 82-242.....               | 49.8          | 9/30         | 4.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DIENER BROS.              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DB210.....                | 50.0          | 9/28         | 2.5          | 42               | 1.0             | 48.1          | 9/23         | 2.2          | 36               | 1.0             | 60.5          | 1.4          |                 |
| DB28.....                 | 52.6          | 9/27         | 3.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| ELITE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 81-2.....                 | 47.2          | 9/26         | 3.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 220.....               | 50.4          | 9/19         | 3.1          | 45               | 1.0             | 40.1          | 9/11         | 2.7          | 34               | 1.0             | 46.0          | 1.5          |                 |
| HS 235.....               | 50.5          | 9/26         | 3.0          | 44               | 1.0             | 46.9          | 9/24         | 4.2          | 37               | 1.0             | 53.1          | 2.9          |                 |
| HS 265.....               | 50.3          | 9/26         | 1.1          | 42               | 1.0             | 45.3          | 9/25         | 2.0          | 36               | 1.0             | 58.6          | 1.2          |                 |
| 226.....                  | 50.1          | 9/21         | 2.7          | 42               | 1.0             | 47.0          | 9/20         | 2.8          | 34               | 1.0             |               |              |                 |
| 280.....                  | 47.8          | 9/26         | 3.4          | 43               | 1.0             | 47.5          | 9/28         | 2.2          | 37               | 1.0             | 60.2          | 2.6          |                 |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3236.....               | 45.5          | 9/23         | 3.6          | 41               | 1.0             | 39.7          | 9/19         | 3.3          | 35               | 1.0             | 49.9          | 1.6          |                 |
| 12155.....                | 48.2          | 9/27         | 1.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GOLD TAG                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1250.....              | 45.2          | 9/28         | 3.2          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HENKEL SEEDS              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SUPER SOY 446.....        | 49.0          | 9/28         | 3.4          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SUPER SOY 594.....        | 49.4          | 9/21         | 3.4          | 44               | 1.0             | 41.3          | 9/22         | 2.8          | 38               | 1.0             |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 2382.....             | 46.6          | 9/29         | 4.2          | 41               | 1.0             | 48.6          | 9/26         | 2.8          | 36               | 1.0             |               |              |                 |
| SHAWNEE II.....           | 46.3          | 9/26         | 2.8          | 42               | 1.0             | 48.4          | 9/22         | 2.8          | 35               | 1.0             |               |              |                 |
| SHAWNEE.....              | 51.5          | 10/01        | 3.7          | 45               | 1.0             | 46.0          | 9/24         | 2.8          | 41               | 1.0             |               |              |                 |
| LANDERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2908.....                 | 47.8          | 9/30         | 3.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 20.....                   | 47.0          | 9/29         | 3.8          | 43               | 1.0             | 56.6          | 9/27         | 3.2          | 39               | 1.0             |               |              |                 |
| 24.....                   | 49.8          | 9/28         | 3.0          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |

ELWOOD (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |               |                  |                 | 1981 RESULTS  |              |               |                  |                 | 1980 RESULTS  |               |                 |
|---------------------------|---------------|--------------|---------------|------------------|-----------------|---------------|--------------|---------------|------------------|-----------------|---------------|---------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODGE-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODGE-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODGE-<br>ING | SHAT-<br>TERING |
| MASCO                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| BARON-82.....             | 50.1          | 9/29         | 4.0           | 42               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 82-2.....                 | 48.9          | 9/29         | 2.9           | 49               | 1.0             | 49.5          | 9/25         | 2.5           | 36               | 1.0             |               |               |                 |
| MC CUBBIN                 |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| EX 2240.....              | 45.7          | 9/19         | 2.9           | 40               | 1.0             |               |              |               |                  |                 |               |               |                 |
| EX 2250.....              | 50.4          | 9/23         | 1.8           | 44               | 1.0             |               |              |               |                  |                 |               |               |                 |
| SHILOH.....               | 46.5          | 9/25         | 2.7           | 45               | 1.0             | 47.4          | 9/27         | 2.3           | 36               | 1.0             |               |               |                 |
| 1X-124.....               | 51.6          | 9/30         | 3.5           | 41               | 1.0             | 52.8          | 9/27         | 2.2           | 37               | 1.0             |               |               |                 |
| MERSCHMAN                 |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| CHEYENNE II.....          | 51.4          | 10/01        | 3.8           | 42               | 1.0             |               |              |               |                  |                 |               |               |                 |
| COMANCHE.....             | 52.5          | 9/22         | 1.8           | 43               | 1.0             |               |              |               |                  |                 |               |               |                 |
| NAVAHO III.....           | 47.1          | 9/22         | 1.7           | 41               | 1.0             |               |              |               |                  |                 |               |               |                 |
| SAUK.....                 | 50.8          | 10/01        | 2.9           | 43               | 1.0             |               |              |               |                  |                 |               |               |                 |
| SHAWNEE II.....           | 45.1          | 9/22         | 3.4           | 42               | 1.0             | 47.6          | 9/23         | 2.8           | 38               | 1.0             |               |               |                 |
| MIGRO                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| HP20-20.....              | 46.6          | 9/14         | 4.2           | 45               | 1.0             | 44.8          | 9/13         | 4.2           | 28               | 1.0             | 51.9          | 2.3           | 1.0             |
| HP2530.....               | 50.0          | 9/27         | 1.7           | 39               | 1.0             | 42.7          | 9/23         | 2.8           | 40               | 1.0             | 51.7          | 1.6           | 1.0             |
| NAPB                      |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| EX 3016.....              | 52.3          | 9/20         | 1.7           | 46               | 1.0             |               |              |               |                  |                 |               |               |                 |
| EX 73020.....             | 51.8          | 9/27         | 3.7           | 40               | 1.0             |               |              |               |                  |                 |               |               |                 |
| EX 73053.....             | 50.4          | 9/24         | 1.7           | 43               | 1.0             |               |              |               |                  |                 |               |               |                 |
| NOBLE                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| NB 2600.....              | 44.5          | 9/25         | 3.0           | 40               | 1.0             | 47.2          | 9/25         | 2.3           | 35               | 1.0             |               |               |                 |
| NORTHROP KING CO.         |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| MV24-59.....              | 50.8          | 9/23         | 2.6           | 41               | 1.0             | 47.4          | 9/24         | 3.5           | 35               | 1.0             |               |               |                 |
| S1492.....                | 48.6          | 9/24         | 3.3           | 43               | 1.0             | 48.8          | 9/21         | 3.3           | 34               | 1.0             | 59.7          | 2.0           | 1.0             |
| S2596.....                | 53.4          | 9/22         | 1.5           | 39               | 1.0             | 47.2          | 9/24         | 3.0           | 33               | 1.0             | 54.6          | 1.8           | 1.0             |
| PAYMASTER                 |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 201.....                  | 42.0          | 9/19         | 4.1           | 41               | 1.0             |               |              |               |                  |                 |               |               |                 |
| PFIZER GENETICS           |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 2ER-81.....               | 51.0          | 9/25         | 2.5           | 47               | 1.0             |               |              |               |                  |                 |               |               |                 |
| PRIDE                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| B203.....                 | 51.2          | 9/19         | 2.5           | 42               | 1.0             | 51.7          | 9/15         | 2.8           | 34               | 1.0             |               |               |                 |
| B242.....                 | 48.0          | 9/29         | 3.1           | 44               | 1.0             |               |              |               |                  |                 |               |               |                 |
| PUBLIC VARIETY            |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| AMSOY 71.....             | 46.9          | 9/23         | 4.3           | 48               | 1.0             | 44.5          | 9/23         | 3.3           | 40               | 1.0             | 50.0          | 2.2           | 1.0             |
| BEESON 80.....            | 44.1          | 9/23         | 2.0           | 41               | 1.0             | 42.8          | 9/24         | 2.5           | 38               | 1.0             | 48.1          | 1.3           | 1.0             |
| BSR 201.....              | 56.8          | 9/27         | 2.7           | 40               | 1.0             |               |              |               |                  |                 |               |               |                 |
| CENTURY.....              | 46.9          | 9/24         | 1.5           | 45               | 1.0             | 36.7          | 9/27         | 1.3           | 38               | 1.0             | 50.8          | 1.4           | 1.0             |
| CORSOY 79.....            | 49.8          | 9/23         | 3.7           | 46               | 1.0             | 45.7          | 9/19         | 3.7           | 37               | 1.0             | 44.6          | 2.1           | 1.0             |
| GNOME.....                | 56.5          | 10/01        | 1.2           | 25               | 1.0             | 48.9          | 9/28         | 2.5           | 22               | 1.0             | 56.2          | 1.2           | 1.0             |
| WELLS II.....             | 49.4          | 9/22         | 1.4           | 47               | 1.0             | 45.5          | 9/23         | 2.2           | 40               | 1.0             | 51.0          | 1.6           | 1.0             |
| RIVERSIDE                 |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 303A.....                 | 49.4          | 9/23         | 3.3           | 45               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 4042.....                 | 50.4          | 9/26         | 3.4           | 46               | 1.0             | 44.4          | 9/19         | 3.0           | 36               | 1.0             | 54.5          | 1.7           | 1.0             |
| 4044.....                 | 46.4          | 9/25         | 3.9           | 44               | 1.0             | 45.7          | 9/21         | 3.7           | 35               | 1.0             |               |               |                 |
| SRF                       |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 205.....                  | 51.8          | 9/23         | 2.2           | 46               | 1.0             | 46.7          | 9/20         | 3.3           | 38               | 1.0             |               |               |                 |
| 250.....                  | 47.1          | 9/29         | 1.3           | 45               | 1.0             | 46.2          | 9/25         | 1.7           | 39               | 1.0             | 51.4          | 1.2           | 1.0             |
| STINE                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 2050.....                 | 47.7          | 9/29         | 3.8           | 41               | 1.0             | 52.1          | 9/28         | 1.8           | 36               | 1.0             |               |               |                 |
| SUPERSOY                  |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 431.....                  | 50.5          | 9/26         | 1.8           | 42               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 432.....                  | 50.2          | 10/01        | 3.2           | 42               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S BRAND                   |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| S 43B.....                | 49.2          | 9/21         | 3.6           | 41               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S 43C.....                | 46.9          | 9/22         | 3.3           | 42               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S 44A.....                | 58.7          | 9/25         | 4.0           | 40               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S 45C.....                | 53.7          | 9/29         | 2.5           | 40               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S 46C.....                | 48.8          | 10/01        | 3.8           | 42               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S 47B.....                | 56.6          | 10/02        | 2.8           | 43               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S 47C.....                | 52.2          | 9/27         | 3.2           | 43               | 1.0             |               |              |               |                  |                 |               |               |                 |
| TRISLER                   |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| TRISDY 201.....           | 46.8          | 9/28         | 2.8           | 49               | 1.0             | 43.2          | 9/22         | 4.0           | 37               | 1.0             |               |               |                 |
| TRISDY 211.....           | 55.5          | 9/30         | 3.3           | 43               | 1.0             | 45.1          | 9/24         | 2.8           | 39               | 1.0             |               |               |                 |
| TRISDY 215.....           | 47.9          | 9/27         | 2.3           | 44               | 1.0             |               |              |               |                  |                 |               |               |                 |
| VORIS                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| EXP. 0811.....            | 49.3          | 9/29         | 2.1           | 46               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 247.....                  | 50.0          | 9/21         | 1.5           | 43               | 1.0             | 46.9          | 9/21         | 1.3           | 29               | 1.0             | 51.6          | 1.1           | 1.0             |
| 285.....                  | 46.4          | 10/01        | 3.6           | 49               | 1.0             | 44.9          | 9/28         | 3.3           | 41               | 1.0             | 50.6          | 2.3           | 1.0             |
| 295.....                  | 51.3          | 10/01        | 2.6           | 50               | 1.0             | 47.6          | 9/29         | 3.0           | 44               | 1.0             | 48.7          | 3.0           | 1.0             |
| WILKEN BRAND              |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 2400.....                 | 54.3          | 9/23         | 3.0           | 43               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 2445.....                 | 47.8          | 9/23         | 4.0           | 42               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 2450.....                 | 47.3          | 9/23         | 2.8           | 46               | 1.0             |               |              |               |                  |                 |               |               |                 |
| AVERAGE.....              | 49.5          | ..           | 2.9           | 43               | 1.0             | 45.3          | ..           | 2.8           | 36               | 1.0             | 52.1          | 1.7           | 1.0             |
| L.S.D. 10% LEVEL.....     | 6.3           | ..           | 0.9           | 3                | ..              | 5.4           | ..           | 0.7           | 3                | ..              | 7.3           | ..            | ..              |
| L.S.D. 30% LEVEL.....     | 3.9           | ..           | 0.6           | 2                | ..              | 3.4           | ..           | 0.5           | 2                | ..              | 4.6           | ..            | ..              |
| STD ERR OF MEAN.....      | 2.7           | ..           | 0.4           | 1                | 0.0             | 2.3           | ..           | 0.3           | 1                | 0.0             | 3.1           | ..            | ..              |

ELWOOD (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| Maturity Group III        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 250                    | 46.6          | 10/01        | 1.8          | 48               | 1.0             | 45.1          | 9/29         | 2.5          | 40               | 1.0             | 45.2          | 1.4          | 1.0             |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 46                        | 49.4          | 10/02        | 2.6          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A3127                     | 58.0          | 10/02        | 1.3          | 44               | 1.0             | 47.7          | 10/02        | 1.7          | 38               | 1.0             | 58.1          | 1.2          | 1.0             |
| CFS                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31                        | 43.4          | 9/30         | 3.3          | 44               | 1.0             | 43.2          | 10/02        | 4.0          | 41               | 1.0             | 49.3          | 2.1          | 1.0             |
| 34                        | 40.7          | 9/30         | 3.7          | 42               | 1.0             | 34.9          | 9/29         | 2.3          | 39               | 1.0             | 48.7          | 1.6          | 1.0             |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-303                   | 38.2          | 9/29         | 3.3          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-312                   | 39.5          | 10/03        | 3.8          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-320                   | 47.1          | 10/05        | 3.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-352                   | 32.4          | 10/04        | 3.4          | 41               | 1.0             | 32.7          | 9/28         | 2.7          | 38               | 1.0             |               |              |                 |
| DIENER BROS.              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DB310                     | 44.4          | 10/02        | 3.4          | 41               | 1.0             | 35.0          | 9/24         | 2.7          | 40               | 1.0             | 52.3          | 1.5          | 1.0             |
| DB340                     | 45.1          | 10/01        | 2.5          | 45               | 1.0             | 37.1          | *            | 2.5          | 40               | 1.0             | 45.1          | 1.4          | 1.0             |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 320                    | 50.2          | 10/03        | 3.6          | 50               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HS 322                    | 44.7          | 9/30         | 2.5          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3340                    | 46.2          | 10/01        | 2.6          | 45               | 1.0             | 35.3          | 9/28         | 3.2          | 38               | 1.0             | 46.5          | 1.8          | 1.0             |
| 12172                     | 38.2          | 9/29         | 1.6          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482                  | 37.7          | 10/01        | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LANDERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3912                      | 46.8          | 10/05        | 2.9          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 32A                       | 55.4          | 9/30         | 3.1          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MASCO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 8255                      | 52.0          | 9/21         | 1.6          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 82-3                      | 51.1          | 9/28         | 2.9          | 42               | 1.0             | 39.8          | 10/03        | 2.7          | 41               | 1.0             |               |              |                 |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| LED II                    | 55.7          | 10/03        | 3.0          | 47               | 1.0             | 45.0          | 9/30         | 3.2          | 39               | 1.0             |               |              |                 |
| TROY II                   | 41.3          | 10/01        | 2.7          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JEFFERSON III             | 48.2          | 10/01        | 2.7          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRUMAN II                 | 50.4          | 10/02        | 1.9          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON V              | 48.8          | 10/02        | 3.2          | 46               | 1.0             | 44.0          | 9/29         | 3.7          | 39               | 1.0             |               |              |                 |
| NAPB                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 73030-34               | 43.1          | 9/22         | 1.8          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PRIDE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| PK352                     | 50.7          | 9/29         | 2.9          | 45               | 1.0             | 41.3          | 10/02        | 4.0          | 38               | 1.0             |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND                | 47.0          | 9/30         | 2.8          | 43               | 1.0             | 35.4          | 9/26         | 2.8          | 40               | 1.0             | 51.5          | 1.3          | 1.0             |
| ELF                       | 56.6          | 10/07        | 1.0          | 27               | 1.0             | 49.7          | *            | 2.2          | 21               | 1.0             | 52.5          | 1.1          | 1.0             |
| FAYETTE                   | 53.1          | 10/08        | 1.5          | 46               | 1.0             | 47.0          | *            | 2.3          | 41               | 1.0             |               |              |                 |
| HOBBIT                    | 51.2          | 10/03        | 1.0          | 25               | 1.0             | 46.3          | 10/02        | 2.5          | 22               | 1.0             |               |              |                 |
| PELLA                     | 44.0          | 9/24         | 1.8          | 45               | 1.0             | 35.3          | 9/26         | 1.8          | 42               | 1.0             | 48.6          | 1.3          | 1.0             |
| SPRITE                    | 52.6          | 10/02        | 1.0          | 28               | 1.0             | 48.2          | 10/03        | 3.3          | 21               | 1.0             | 51.2          | 1.3          | 1.0             |
| WILLIAMS 79               | 49.3          | 10/03        | 2.7          | 46               | 1.0             | 42.7          | *            | 3.0          | 43               | 1.0             | 46.0          | 1.5          | 1.0             |
| WILLIAMS 82               | 45.1          | 10/02        | 2.7          | 45               | 1.0             | 39.3          | *            | 2.2          | 44               | 1.0             |               |              |                 |
| WILL                      | 49.1          | 9/30         | 2.0          | 43               | 1.0             | 40.3          | 10/02        | 2.0          | 38               | 1.0             | 51.7          | 1.4          | 1.0             |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3033                      | 49.1          | 9/30         | 3.3          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE                   | 47.1          | ..           | 2.6          | 43               | 1.0             | 40.1          | ..           | 2.8          | 38               | 1.0             | 48.9          | 1.7          | 1.0             |
| L.S.D. 10% LEVEL          | 8.6           | ..           | 0.6          | 3                | ..              | 4.7           | ..           | 0.5          | 3                | ..              | ..            | ..           | ..              |
| L.S.D. 30% LEVEL          | 5.4           | ..           | 0.4          | 2                | ..              | 3.0           | ..           | 0.3          | 2                | ..              | ..            | ..           | ..              |
| STD ERR OF MEAN           | 3.6           | ..           | 0.2          | 1                | 0.0             | 2.0           | ..           | 0.2          | 1                | 0.0             | 3.3           | ..           | ..              |

\* KILLED BY FROST.

Soybean Variety Trial Results  
ELWOOD (7-INCH ROW SPACING)

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| MATUREITY GROUP I         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A1937.....                | 53.9          | 9/13         | 1.7          | 43               | 1.0             | 52.8          | 9/12         | 1.5          | 30               | 1.0             |               |              |                 |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-171.....              | 54.9          | 9/19         | 1.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GOLD TAG                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1170.....              | 52.6          | 9/20         | 2.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX155.....                | 53.7          | 9/20         | 2.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EC2002.....               | 54.2          | 9/20         | 2.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HARDIN.....               | 60.0          | 9/27         | 2.5          | 43               | 1.0             | 54.0          | 9/14         | 3.5          | 33               | 1.0             | 44.2          | 1.4          | 1.0             |
| WEBER.....                | 51.5          | 9/21         | 2.0          | 45               | 1.0             |               |              |              |                  |                 | 40.7          | 1.3          | 1.0             |
| AVERAGE.....              | 54.4          | ..           | 2.0          | 43               | 1.0             | 52.5          | ..           | 2.0          | 34               | 1.0             | 47.4          | 1.1          | 1.0             |
| L.S.D. 10% LEVEL.....     | ..            | ..           | 0.3          | ..               | ..              | 7.5           | ..           | 0.9          | 5                | ..              | 6.7           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | ..            | ..           | 0.2          | ..               | ..              | 4.7           | ..           | 0.5          | 3                | ..              | 4.2           | ..           | ..              |
| STD ERR OF MEAN.....      | 2.4           | ..           | 0.1          | 1                | 0.0             | 3.2           | ..           | 0.4          | 2                | 0.1             | 2.9           | ..           | ..              |
| MATUREITY GROUP II        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 230.....               | 48.1          | 9/26         | 1.0          | 36               | 1.0             | 45.1          | 9/18         | 1.5          | 34               | 1.0             |               |              |                 |
| AP 240.....               | 48.1          | 9/30         | 1.7          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRISOY                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 220.....                  | 51.8          | 9/28         | 2.3          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 225.....                  | 64.3          | 9/30         | 3.2          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                   | 64.5          | 10/02        | 2.7          | 45               | 1.0             | 51.3          | 9/25         | 2.0          | 34               | 1.0             |               |              |                 |
| AMERICANA                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CLIPPER.....              | 50.6          | 9/28         | 1.7          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| YANKEE.....               | 49.5          | 10/01        | 2.2          | 45               | 1.0             | 53.4          | 9/25         | 2.8          | 40               | 1.0             |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A2575.....                | 55.9          | 9/23         | 1.5          | 45               | 1.0             | 56.3          | 9/14         | 1.3          | 31               | 1.0             | 46.4          | 1.2          | 1.0             |
| A2858.....                | 55.7          | 10/01        | 2.2          | 41               | 1.0             | 44.5          | 9/20         | 2.3          | 34               | 1.0             | 50.8          | 1.3          | 1.0             |
| CALLAHAN                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 1250.....                 | 65.2          | 10/01        | 2.3          | 42               | 1.0             | 53.4          | 9/27         | 1.3          | 31               | 1.0             |               |              |                 |
| 3200.....                 | 57.1          | 9/23         | 2.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 9240R.....                | 53.8          | 9/27         | 2.0          | 42               | 1.0             | 53.8          | 9/26         | 1.3          | 34               | 1.0             | 55.0          | 1.2          | 1.0             |
| CFS                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 23.....                   | 56.2          | 10/01        | 2.2          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-207.....              | 51.7          | 9/29         | 1.8          | 43               | 1.0             | 48.2          | 9/22         | 1.8          | 31               | 1.0             |               |              |                 |
| DSR-212.....              | 53.4          | 9/27         | 2.0          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-227.....              | 53.5          | 10/01        | 2.2          | 43               | 1.0             | 56.6          | 9/25         | 2.3          | 35               | 1.0             |               |              |                 |
| DSR-232.....              | 59.7          | 10/02        | 2.8          | 45               | 1.0             | 43.9          | 9/23         | 1.7          | 34               | 1.0             |               |              |                 |
| 82-242.....               | 52.2          | 10/02        | 2.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DIENER BROS.              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DB210.....                | 58.1          | 10/01        | 1.8          | 43               | 1.0             | 56.8          | 9/24         | 1.8          | 34               | 1.0             | 53.0          | 1.2          | 1.0             |
| DB28.....                 | 60.2          | 9/28         | 1.8          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 220.....               | 57.9          | 9/19         | 2.0          | 45               | 1.0             | 47.8          | 9/14         | 1.5          | 34               | 1.0             | 41.1          | 1.2          | 1.0             |
| HS 235.....               | 57.7          | 9/29         | 2.3          | 48               | 1.0             | 61.8          | 9/25         | 3.0          | 35               | 1.0             |               |              |                 |
| HS 265.....               | 54.1          | 10/01        | 1.3          | 40               | 1.0             | 50.0          | 9/19         | 1.7          | 34               | 1.0             | 58.2          | 1.2          | 1.0             |
| 226.....                  | 59.0          | 9/28         | 2.0          | 43               | 1.0             | 68.1          | 9/21         | 1.7          | 32               | 1.0             |               |              |                 |
| 280.....                  | 53.8          | 10/03        | 1.8          | 42               | 1.0             | 50.1          | 9/27         | 1.7          | 34               | 1.0             | 51.8          | 1.1          | 1.0             |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3236.....               | 54.1          | 9/30         | 2.0          | 44               | 1.0             | 50.6          | 9/21         | 1.8          | 35               | 1.0             | 47.1          | 1.2          | 1.0             |
| 12155.....                | 52.3          | 10/01        | 1.7          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GOLD TAG                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1250.....              | 53.8          | 9/30         | 1.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HENKEL SEEDS              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SUPER SOY 446.....        | 56.9          | 9/23         | 2.2          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SUPER SOY 594.....        | 55.0          | 9/28         | 1.8          | 45               | 1.0             | 54.6          | 9/23         | 2.8          | 36               | 1.0             |               |              |                 |
| JACQUES                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| J 103.....                | 58.2          | 9/30         | 2.7          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 2382.....             | 61.0          | 10/01        | 2.8          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHAWNEE II.....           | 54.4          | 10/01        | 2.2          | 43               | 1.0             | 50.0          | 9/25         | 1.5          | 29               | 1.0             |               |              |                 |
| SHAWNEE.....              | 51.7          | 10/03        | 2.3          | 44               | 1.0             | 64.4          | 9/24         | 2.0          | 38               | 1.0             |               |              |                 |
| LANDERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2908.....                 | 62.4          | 10/01        | 2.5          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MASCO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 8133.....                 | 54.4          | 9/30         | 2.7          | 43               | 1.0             | 49.1          | 9/17         | 2.2          | 33               | 1.0             |               |              |                 |
| 82-2.....                 | 53.0          | 10/01        | 1.7          | 49               | 1.0             | 49.9          | 9/28         | 1.5          | 31               | 1.0             |               |              |                 |

ELWOOD (7-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 2240.....              | 55.7          | 9/27         | 2.3          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 2250.....              | 55.6          | 9/29         | 1.7          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHILOH.....               | 56.2          | 9/27         | 2.2          | 41               | 1.0             | 54.2          | 9/26         | 1.8          | 34               | 1.0             |               |              |                 |
| 1X-124.....               | 58.4          | 9/30         | 1.7          | 43               | 1.0             | 60.6          | 9/30         | 1.5          | 31               | 1.0             |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CHEYENNE II.....          | 60.2          | 10/01        | 2.2          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| COMANCHE.....             | 53.9          | 9/27         | 1.5          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NAVAHO III.....           | 53.2          | 9/29         | 1.8          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SAUK.....                 | 58.4          | 10/02        | 2.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHAWNEE II.....           | 55.1          | 9/30         | 2.0          | 42               | 1.0             | 57.7          | 9/24         | 2.0          | 40               | 1.0             |               |              |                 |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP20-20.....              | 50.7          | 9/19         | 3.5          | 42               | 1.0             | 52.6          | 9/16         | 2.0          | 30               | 1.0             | 50.4          | 1.2          | 1.0             |
| HP2530.....               | 51.6          | 9/28         | 1.7          | 38               | 1.0             | 54.6          | 9/23         | 1.8          | 36               | 1.0             | 49.7          | 1.3          | 1.0             |
| NOBLE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| NB 2600.....              | 57.2          | 9/30         | 2.2          | 42               | 1.0             | 51.2          | 9/23         | 1.7          | 34               | 1.0             |               |              |                 |
| NORTHROP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV24-59.....              | 55.6          | 9/27         | 2.0          | 43               | 1.0             | 57.2          | 9/25         | 1.5          | 32               | 1.0             |               |              |                 |
| S1492.....                | 55.9          | 9/28         | 1.8          | 41               | 1.0             | 59.6          | 9/17         | 2.2          | 33               | 1.0             | 54.0          | 1.3          | 1.0             |
| S2596.....                | 54.8          | 9/28         | 1.7          | 36               | 1.0             | 56.6          | 9/19         | 2.0          | 31               | 1.0             | 45.6          | 1.3          | 1.0             |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX275.....                | 51.6          | 9/30         | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 2ER-81.....               | 55.1          | 9/27         | 2.5          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AMSOY 71.....             | 52.1          | 9/28         | 2.2          | 49               | 1.0             | 53.3          | 9/22         | 2.0          | 38               | 1.0             | 48.2          | 1.4          | 1.0             |
| BEESON 80.....            | 55.8          | 9/29         | 2.2          | 44               | 1.0             | 48.4          | 9/24         | 2.8          | 36               | 1.0             | 48.2          | 1.5          | 1.0             |
| BSR 201.....              | 54.2          | 9/28         | 2.3          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CENTURY.....              | 54.6          | 9/30         | 1.8          | 42               | 1.0             | 52.4          | 9/26         | 1.7          | 37               | 1.0             | 52.8          | 1.1          | 1.0             |
| CORSOY 79.....            | 54.1          | 9/29         | 2.3          | 46               | 1.0             | 55.3          | 9/22         | 3.3          | 35               | 1.0             | 49.1          | 1.9          | 1.0             |
| GNOME.....                | 53.9          | 10/03        | 1.0          | 25               | 1.0             | 58.2          | 10/03        | 1.0          | 19               | 1.0             | 46.5          | 1.1          | 1.0             |
| WELLS II.....             | 47.7          | 9/27         | 2.2          | 46               | 1.0             | 54.9          | 9/17         | 1.8          | 37               | 1.0             | 44.4          | 1.2          | 1.0             |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 303A.....                 | 53.6          | 9/28         | 1.8          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 4042.....                 | 58.8          | 9/28         | 2.7          | 47               | 1.0             | 48.6          | 9/19         | 2.5          | 34               | 1.0             | 49.4          | 1.4          | 1.0             |
| 4044.....                 | 58.0          | 9/30         | 2.8          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SRF                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 205.....                  | 59.2          | 9/29         | 2.5          | 45               | 1.0             | 55.7          | 9/24         | 2.5          | 36               | 1.0             |               |              |                 |
| 250.....                  | 52.2          | 10/02        | 1.5          | 42               | 1.0             | 39.4          | 9/27         | 1.0          | 33               | 1.0             | 51.3          | 1.1          | 1.0             |
| S BRAND                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 43B.....                | 58.2          | 9/24         | 2.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 43C.....                | 52.2          | 9/28         | 1.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 44A.....                | 59.8          | 9/29         | 2.3          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 45C.....                | 61.5          | 9/30         | 2.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 46C.....                | 58.7          | 10/01        | 1.7          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 47B.....                | 62.0          | 10/03        | 2.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 47C.....                | 58.0          | 10/05        | 2.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISLER                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| TRISOY 201.....           | 58.1          | 9/30         | 2.2          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISOY 211.....           | 58.7          | 9/30         | 1.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISOY 215.....           | 54.4          | 9/30         | 2.0          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VORIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 247.....                  | 49.8          | 9/24         | 1.5          | 39               | 1.0             | 50.3          | 9/18         | 1.3          | 26               | 1.0             | 46.1          | 1.1          | 1.0             |
| 285.....                  | 61.9          | 10/04        | 2.3          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 55.7          | ..           | 2.1          | 43               | 1.0             | 52.5          | ..           | 2.0          | 34               | 1.0             | 47.4          | 1.1          | 1.0             |
| L.S.D. 10% LEVEL.....     | 6.0           | ..           | 0.6          | 3                | ..              | 7.5           | ..           | 0.9          | 5                | ..              | 6.7           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 3.8           | ..           | 0.4          | 2                | ..              | 4.7           | ..           | 0.5          | 3                | ..              | 4.2           | ..           | ..              |
| STD ERR OF MEAN.....      | 2.6           | ..           | 0.3          | 1                | 0.0             | 3.2           | ..           | 0.4          | 2                | 0.1             | 2.9           | ..           | ..              |
| MATURITY GROUP III        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 46.....                   | 51.3          | 10/03        | 2.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AMERICANA                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RAELYN.....               | 42.7          | 10/05        | 4.3          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A3127.....                | 57.0          | 10/01        | 1.8          | 43               | 1.0             | 57.6          | 9/29         | 1.3          | 35               | 1.0             | 54.7          | 1.1          | 1.0             |
| CFS                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 34.....                   | 43.3          | 10/02        | 2.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-303.....              | 47.3          | 10/02        | 2.8          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-312.....              | 51.7          | 10/05        | 3.7          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-320.....              | 54.6          | 10/04        | 2.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-352.....              | 45.4          | 10/08        | 3.3          | 42               | 1.0             | 33.3          | 10/01        | 1.8          | 30               | 1.0             |               |              |                 |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 320.....               | 58.9          | 10/04        | 3.0          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HS 322.....               | 53.1          | 10/05        | 2.3          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |

ELWOOD (7-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3340.....               | 42.8          | 10/03        | 3.3          | 44               | 1.0             | 41.1          | 9/27         | 2.0          | 28               | 1.0             |               |              |                 |
| 12172.....                | 44.4          | 10/02        | 2.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....             | 48.9          | 10/05        | 2.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LANDERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3912.....                 | 54.8          | 10/03        | 3.7          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 32A.....                  | 54.6          | 10/01        | 3.3          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MASCO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DYNAMO-82.....            | 49.9          | 10/02        | 3.2          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 422.....                  | 51.7          | 10/01        | 2.7          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 8156.....                 | 44.8          | 10/06        | 2.3          | 43               | 1.0             | 44.5          | *            | 1.2          | 32               | 1.0             |               |              |                 |
| 8255.....                 | 54.8          | 9/28         | 2.2          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 82-3.....                 | 55.3          | 9/24         | 2.3          | 47               | 1.0             | 46.8          | 10/03        | 2.5          | 39               | 1.0             |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JEFFERSON III.....        | 56.8          | 10/02        | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRUMAN II.....            | 57.4          | 10/01        | 2.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON V.....         | 55.2          | 10/03        | 3.2          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 44.2          | 9/30         | 2.3          | 43               | 1.0             | 29.0          | 9/28         | 2.0          | 31               | 1.0             | 46.4          | 1.4          | 1.0             |
| ELF.....                  | 52.1          | 10/08        | 1.0          | 27               | 1.0             | 44.7          | *            | 1.0          | 22               | 1.0             | 39.1          | 1.1          | 1.0             |
| FAYETTE.....              | 55.8          | 10/07        | 2.3          | 46               | 1.0             | 53.0          | *            | 2.0          | 42               | 1.0             |               |              |                 |
| HOBBIT.....               | 52.2          | 9/30         | 1.2          | 24               | 1.0             | 42.8          | 10/03        | 1.0          | 24               | 1.0             |               |              |                 |
| PELLA.....                | 57.2          | 10/02        | 2.2          | 45               | 1.0             | 32.0          | 9/29         | 1.5          | 31               | 1.0             | 48.6          | 1.2          | 1.0             |
| SPRITE.....               | 51.2          | 10/03        | 1.3          | 28               | 1.0             | 57.9          | 10/02        | 1.7          | 26               | 1.0             | 36.4          | 1.0          | 1.0             |
| WILLIAMS 79.....          | 52.6          | 10/04        | 3.0          | 45               | 1.0             | 56.1          | 10/03        | 1.8          | 36               | 1.0             | 51.0          | 1.4          | 1.0             |
| WILLIAMS 82.....          | 49.1          | 10/07        | 2.5          | 46               | 1.0             | 38.5          | 10/03        | 2.3          | 40               | 1.0             |               |              |                 |
| WILL.....                 | 45.9          | 10/02        | 2.7          | 41               | 1.0             | 34.6          | 10/02        | 1.5          | 33               | 1.0             | 46.2          | 1.1          | 1.0             |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3033.....                 | 62.0          | 10/02        | 2.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 51.4          | ..           | 2.6          | 43               | 1.0             | 42.1          | ..           | 1.7          | 32               | 1.0             | 45.8          | 1.3          | 1.0             |
| L.S.D. 10% LEVEL.....     | 6.0           | ..           | 0.6          | 3                | ..              | 9.4           | ..           | ..           | 6                | ..              | 4.5           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 3.8           | ..           | 0.4          | 2                | ..              | 5.9           | ..           | ..           | 4                | ..              | 2.8           | ..           | ..              |
| STD ERR OF MEAN.....      | 2.6           | ..           | 0.3          | 1                | 0.0             | 3.9           | ..           | 0.4          | 3                | 0.0             | 1.9           | ..           | ..              |

\* KILLED BY FROST.

Soybean Variety Trial Results  
**MONMOUTH (30-INCH ROW SPACING)**

| 1982 RESULTS             |                  |               |              |              |                  | 1982 RESULTS    |                           |                  |               |              |              |                  |                 |
|--------------------------|------------------|---------------|--------------|--------------|------------------|-----------------|---------------------------|------------------|---------------|--------------|--------------|------------------|-----------------|
| BRAND                    | VARIETY OR BLEND | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | BRAND                     | VARIETY OR BLEND | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING |
| <b>MATURITY GROUP II</b> |                  |               |              |              |                  | <b>MIGRO</b>    |                           |                  |               |              |              |                  |                 |
| AGRIPRO                  | AP 240           | 52.5          | 9/22         | 2.4          | 39               | 1.0             | HP2530                    | 49.6             | 9/15          | 2.1          | 36           | 1.0              |                 |
| AGRO-SOY                 | 31               | 53.2          | 9/21         | 3.4          | 40               | 1.0             | NORTHROP KING CO.         |                  |               |              |              |                  |                 |
| AG-SEEDS                 | 7250             | 47.8          | 9/21         | 3.1          | 48               | 1.0             | S1492                     | 51.6             | 9/17          | 3.2          | 39           | 1.0              |                 |
| AMERICANA                | B507             | 54.6          | 9/22         | 3.3          | 38               | 1.0             | S2596                     | 52.2             | 9/13          | 2.2          | 36           | 1.0              |                 |
|                          | CLINTON          | 53.8          | 9/28         | 2.2          | 46               | 1.0             | PFIZER GENETICS           |                  |               |              |              |                  |                 |
|                          | YANKEE           | 52.0          | 9/20         | 2.8          | 42               | 1.0             | EC312                     | 53.8             | 9/20          | 3.3          | 40           | 1.0              |                 |
| ASGROW                   | A2575            | 45.7          | 9/13         | 2.6          | 44               | 1.0             | PRIDE                     |                  |               |              |              |                  |                 |
|                          | A2680            | 47.0          | 9/16         | 2.7          | 38               | 1.0             | B203                      | 52.4             | 9/11          | 2.6          | 37           | 1.0              |                 |
| CFS                      | 22               | 44.4          | 9/13         | 3.2          | 45               | 1.0             | B216                      | 51.2             | 9/15          | 3.0          | 36           | 1.0              |                 |
|                          | 23               | 57.5          | 9/18         | 3.3          | 40               | 1.0             | B242                      | 53.6             | 9/15          | 1.8          | 42           | 1.0              |                 |
| DAIRYLAND                | DSR-212          | 51.3          | 9/15         | 2.9          | 38               | 1.0             | PUBLIC VARIETY            |                  |               |              |              |                  |                 |
|                          | DSR-227          | 55.2          | 9/20         | 2.5          | 42               | 1.0             | AMSOY 71                  | 45.6             | 9/15          | 3.9          | 44           | 1.0              |                 |
|                          | DSR-232          | 52.6          | 9/19         | 3.2          | 42               | 1.0             | BEESON 80                 | 50.4             | 9/15          | 3.1          | 41           | 1.0              |                 |
|                          | 82-242           | 53.5          | 9/19         | 3.0          | 41               | 1.0             | BSR 201                   | 48.7             | 9/16          | 3.5          | 38           | 1.0              |                 |
| DE SOY                   | 750              | 56.4          | 9/19         | 2.8          | 39               | 1.0             | CENTURY                   | 49.5             | 9/15          | 2.3          | 44           | 1.0              |                 |
|                          | 777A             | 55.8          | 9/22         | 2.6          | 39               | 1.0             | CORSOY 79                 | 44.4             | 9/13          | 3.8          | 35           | 1.0              |                 |
| FFR                      | 225              | 45.5          | 9/16         | 3.1          | 42               | 1.0             | GNOME                     | 50.1             | 9/24          | 1.8          | 21           | 1.0              |                 |
|                          | 2845             | 46.1          | 9/15         | 2.5          | 46               | 1.0             | WELLS II                  | 45.9             | 9/12          | 2.6          | 41           | 1.0              |                 |
| FS HISOY                 | HS 235           | 52.0          | 9/16         | 3.8          | 41               | 1.0             | RIVERSIDE                 |                  |               |              |              |                  |                 |
|                          | HS 265           | 54.1          | 9/21         | 1.6          | 44               | 1.0             | 303A                      | 46.4             | 9/14          | 3.0          | 41           | 1.0              |                 |
|                          | 226              | 52.8          | 9/15         | 3.2          | 38               | 1.0             | 4042                      | 47.1             | 9/14          | 3.5          | 42           | 1.0              |                 |
|                          | 280              | 55.9          | 9/22         | 2.4          | 41               | 1.0             | 4044                      | 44.1             | 9/14          | 3.3          | 41           | 1.0              |                 |
| FUNK                     | G-3236           | 43.2          | 9/15         | 3.8          | 38               | 1.0             | SEEDMAKERS                |                  |               |              |              |                  |                 |
|                          | 12155            | 50.7          | 9/21         | 2.7          | 39               | 1.0             | 8-C                       | 49.2             | 9/24          | 2.9          | 40           | 1.0              |                 |
| GEO. KELLER & SONS CO.   | K-916            | 59.3          | 9/17         | 2.8          | 41               | 1.0             | SHISSLER                  |                  |               |              |              |                  |                 |
| HOBBLIT                  | LIBERTY          | 47.8          | 9/14         | 3.0          | 40               | 1.0             | GR8-263                   | 50.1             | 9/17          | 2.6          | 41           | 1.0              |                 |
| J M SCHULTZ              | JMS 2382         | 53.0          | 9/19         | 3.1          | 39               | 1.0             | GR8-265                   | 44.1             | 9/15          | 3.3          | 44           | 1.0              |                 |
|                          | SHAWNEE II       | 54.2          | 9/14         | 2.8          | 39               | 1.0             | SIEBEN                    |                  |               |              |              |                  |                 |
|                          | SHAWNEE          | 45.9          | 9/17         | 3.3          | 40               | 1.0             | SS 222                    | 50.5             | 9/15          | 3.5          | 44           | 1.0              |                 |
| KITCHEN                  | KSC 180          | 50.1          | 9/12         | 3.0          | 42               | 1.0             | SS 235                    | 51.2             | 9/19          | 3.1          | 41           | 1.0              |                 |
|                          | KSC 190          | 50.0          | 9/20         | 2.5          | 38               | 1.0             | SRF                       |                  |               |              |              |                  |                 |
| KRUGER                   | KB-245           | 49.3          | 9/20         | 3.0          | 40               | 1.0             | 205                       | 49.1             | 9/15          | 3.2          | 42           | 1.0              |                 |
|                          | K-2010A          | 50.7          | 9/22         | 2.3          | 37               | 1.0             | 250                       | 55.6             | 9/21          | 1.5          | 43           | 1.0              |                 |
|                          | K-2187           | 48.0          | 9/21         | 3.3          | 35               | 1.0             | SUPERSOY                  |                  |               |              |              |                  |                 |
|                          | K-2195           | 54.8          | 9/21         | 3.2          | 40               | 1.0             | 432                       | 57.7             | 9/20          | 3.0          | 43           | 1.0              |                 |
|                          | K-2196           | 56.8          | 9/24         | 3.2          | 42               | 1.0             | 450                       | 51.6             | 9/26          | 2.5          | 42           | 1.0              |                 |
|                          | K-2205           | 56.5          | 9/27         | 2.0          | 46               | 1.0             | 455                       | 51.3             | 9/24          | 2.1          | 44           | 1.0              |                 |
|                          | K-2206           | 55.2          | 9/20         | 2.8          | 41               | 1.0             | 460A                      | 54.3             | 9/25          | 3.0          | 42           | 1.0              |                 |
| LANDERS                  | 2908             | 51.4          | 9/17         | 3.2          | 42               | 1.0             | S BRAND                   |                  |               |              |              |                  |                 |
| LEWIS                    | 20               | 48.0          | 9/18         | 2.6          | 40               | 1.0             | S 46C                     | 55.0             | 9/20          | 2.5          | 41           | 1.0              |                 |
|                          | 21               | 50.8          | 9/21         | 2.9          | 45               | 1.0             | S 47B                     | 55.7             | 9/21          | 2.6          | 39           | 1.0              |                 |
|                          | 23               | 51.8          | 9/21         | 3.6          | 39               | 1.0             | S 47C                     | 55.1             | 9/18          | 2.5          | 40           | 1.0              |                 |
| LOWE SEED                | 211              | 50.4          | 9/16         | 2.6          | 40               | 1.0             | TRISLER                   |                  |               |              |              |                  |                 |
|                          | 244              | 49.2          | 9/18         | 2.0          | 38               | 1.0             | TRISOY 201                | 43.7             | 9/15          | 3.3          | 42           | 1.0              |                 |
| MASCO                    | BARON-82         | 53.6          | 9/21         | 3.3          | 40               | 1.0             | TRISOY 211                | 54.3             | 9/18          | 3.3          | 38           | 1.0              |                 |
|                          | 8133             | 44.5          | 9/15         | 3.1          | 41               | 1.0             | TRISOY 215                | 48.1             | 9/17          | 2.3          | 38           | 1.0              |                 |
|                          | 82-2             | 51.5          | 9/20         | 2.5          | 48               | 1.0             | VORIS                     |                  |               |              |              |                  |                 |
| MC CUBBIN                | SHILOH           | 52.4          | 9/15         | 2.5          | 40               | 1.0             | 247                       | 50.9             | 9/15          | 2.1          | 40           | 1.0              |                 |
|                          | 1X-124           | 56.5          | 9/23         | 2.9          | 40               | 1.0             | 285                       | 47.2             | 9/22          | 2.8          | 43           | 1.0              |                 |
| MC CURDY                 | 102+             | 44.5          | 9/15         | 3.3          | 37               | 1.0             | AVERAGE                   | 51.0             | ..            | 2.8          | 41           | 1.0              |                 |
| MERSCHMAN                | CHEYENNE II      | 57.5          | 9/22         | 2.6          | 41               | 1.0             | L.S.D. 10% LEVEL          | 4.0              | ..            | 0.4          | 3            | ..               |                 |
|                          | COMANCHE         | 51.3          | 9/15         | 2.1          | 41               | 1.0             | L.S.D. 30% LEVEL          | 2.5              | ..            | 0.3          | 2            | ..               |                 |
|                          | NAVAHO III       | 50.1          | 9/14         | 2.8          | 41               | 1.0             | STD ERR OF MEAN           | 1.7              | ..            | 0.2          | 1            | 0.0              |                 |
|                          | SAUK             | 53.1          | 9/18         | 2.8          | 41               | 1.0             | <b>MATURITY GROUP III</b> |                  |               |              |              |                  |                 |
|                          | SHAWNEE II       | 48.9          | 9/15         | 2.2          | 41               | 1.0             | AGRIPRO                   |                  |               |              |              |                  |                 |
|                          |                  |               |              |              |                  |                 | AP 250                    | 52.4             | 9/21          | 2.4          | 44           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | 25                        | 47.2             | 9/21          | 2.3          | 44           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | 26                        | 45.1             | 9/24          | 2.7          | 46           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | 27                        | 46.5             | 9/24          | 2.5          | 39           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | AGRO-SOY                  |                  |               |              |              |                  |                 |
|                          |                  |               |              |              |                  |                 | 46                        | 53.8             | 9/29          | 3.0          | 43           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | AG-SEEDS                  |                  |               |              |              |                  |                 |
|                          |                  |               |              |              |                  |                 | KING                      | 52.0             | 10/02         | 2.3          | 45           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | AMERICANA                 |                  |               |              |              |                  |                 |
|                          |                  |               |              |              |                  |                 | B510                      | 44.6             | 10/02         | 3.5          | 51           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | B513                      | 49.1             | 9/30          | 3.7          | 38           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | B518                      | 43.8             | 10/01         | 3.6          | 45           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | REBEL                     | 51.5             | 10/01         | 3.5          | 37           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | XK585                     | 48.3             | 9/25          | 3.1          | 40           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | ASGROW                    |                  |               |              |              |                  |                 |
|                          |                  |               |              |              |                  |                 | A3127                     | 55.2             | 9/27          | 1.4          | 40           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | CFS                       |                  |               |              |              |                  |                 |
|                          |                  |               |              |              |                  |                 | 31                        | 51.2             | 9/26          | 3.1          | 42           | 1.0              |                 |
|                          |                  |               |              |              |                  |                 | 34                        | 48.0             | 9/26          | 2.1          | 40           | 1.0              |                 |



MONMOUTH (30-INCH ROW SPACING), continued

| 1982 RESULTS           |                  |               |              |              |                  | 1982 RESULTS    |                        |                  |               |              |              |                  |                 |
|------------------------|------------------|---------------|--------------|--------------|------------------|-----------------|------------------------|------------------|---------------|--------------|--------------|------------------|-----------------|
| BRAND                  | VARIETY OR BLEND | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | BRAND                  | VARIETY OR BLEND | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING |
| DAIRYLAND              | DSR-303          | 44.7          | 9/27         | 3.1          | 40               | 1.0             | MIGRO                  | EX 1051          | 46.6          | 9/19         | 2.6          | 41               | 1.0             |
|                        | DSR-312          | 52.7          | 9/30         | 3.3          | 46               | 1.0             |                        | HP3700           | 52.6          | 9/27         | 3.1          | 45               | 1.0             |
|                        | DSR-320          | 52.3          | 10/02        | 3.1          | 41               | 1.0             | NAPB                   | EX 68225-14      | 50.5          | 9/23         | 2.3          | 42               | 1.0             |
|                        | DSR-352          | 48.2          | 10/02        | 3.4          | 40               | 1.0             |                        | EX 68225-32      | 48.5          | 9/25         | 2.3          | 44               | 1.0             |
| DE                     | S0Y              |               |              |              |                  |                 |                        | EX 68225-40      | 50.7          | 9/24         | 2.4          | 44               | 1.0             |
|                        | 800              | 53.1          | 9/26         | 2.1          | 44               | 1.0             |                        | EX 73030-32      | 51.3          | 9/22         | 1.9          | 42               | 1.0             |
|                        | 875              | 56.4          | 9/28         | 2.9          | 41               | 1.0             | NORTHROP KING CO.      | MV32-67          | 50.5          | 9/29         | 3.2          | 44               | 1.0             |
|                        | 900              | 51.9          | 9/27         | 2.9          | 42               | 1.0             | PFIZER GENETICS        | CX321            | 50.4          | 9/28         | 3.0          | 40               | 1.0             |
|                        | 919              | 54.1          | 9/28         | 2.9          | 41               | 1.0             |                        | CX380            | 51.3          | 9/30         | 2.6          | 44               | 1.0             |
|                        | 950A             | 50.3          | 9/27         | 2.8          | 41               | 1.0             |                        | EC1147           | 57.1          | 9/29         | 2.8          | 45               | 1.0             |
| ELITE                  | 242              | 49.1          | 9/22         | 2.6          | 42               | 1.0             | PRIDE                  | PK352            | 53.4          | 9/29         | 2.8          | 44               | 1.0             |
|                        | 382              | 52.6          | 9/20         | 2.7          | 43               | 1.0             | PUBLIC VARIETY         | CUMBERLAND       | 48.9          | 9/28         | 2.5          | 41               | 1.0             |
| FFR                    | 330 B            | 51.8          | 9/30         | 2.6          | 47               | 1.0             |                        | ELF              | 54.5          | 10/02        | 1.8          | 22               | 1.0             |
| FS                     | HIS0Y            |               |              |              |                  |                 |                        | FAYETTE          | 49.6          | 10/01        | 2.4          | 45               | 1.0             |
|                        | HS 320           | 51.0          | 9/26         | 3.4          | 46               | 1.0             |                        | HOBBIT           | 44.6          | 9/25         | 1.5          | 25               | 1.0             |
|                        | HS 322           | 55.2          | 9/29         | 3.0          | 42               | 1.0             |                        | PELLA            | 51.9          | 9/21         | 2.3          | 42               | 1.0             |
|                        | 350              | 52.0          | 10/01        | 2.7          | 46               | 1.0             |                        | SPRITE           | 49.5          | 9/24         | 1.6          | 23               | 1.0             |
| FUNK                   | 6-3340           | 54.6          | 9/27         | 3.2          | 42               | 1.0             |                        | WILLIAMS 82      | 53.6          | 10/02        | 2.5          | 45               | 1.0             |
|                        | 12172            | 49.0          | 9/24         | 2.9          | 40               | 1.0             |                        | WILL             | 49.1          | 9/25         | 2.2          | 37               | 1.0             |
| GEO. KELLER & SONS CO. | GRANT            | 49.6          | 9/29         | 3.4          | 40               | 1.0             | RIVERSIDE              | 3033             | 53.4          | 9/20         | 3.0          | 40               | 1.0             |
|                        | K-917            | 54.5          | 9/26         | 2.7          | 42               | 1.0             | SEEDMAKERS             | 72118H           | 51.0          | 9/30         | 2.7          | 45               | 1.0             |
| GOLD TAG               | GT 1310          | 48.6          | 9/28         | 2.5          | 44               | 1.0             | SHISSLER               | GR8-366          | 50.9          | 9/19         | 2.8          | 43               | 1.0             |
| J M SCHULTZ            | JMS 3482         | 50.6          | 9/28         | 2.7          | 41               | 1.0             |                        | GR8-367          | 49.1          | 9/21         | 2.3          | 41               | 1.0             |
|                        | WASHINGTON 5     | 52.4          | 9/27         | 3.3          | 44               | 1.0             | STINE                  | 3010             | 59.1          | 9/27         | 2.4          | 44               | 1.0             |
| KITCHEN                | KSC 380          | 52.7          | 9/29         | 3.0          | 43               | 1.0             | S BRAND                | S 52A            | 56.8          | 9/27         | 2.9          | 39               | 1.0             |
| KRUGER                 | KB-320           | 51.7          | 9/26         | 2.7          | 41               | 1.0             |                        | S 56A            | 50.4          | 9/27         | 3.3          | 40               | 1.0             |
|                        | KB-324           | 50.6          | 9/30         | 3.1          | 40               | 1.0             |                        | S 56             | 53.0          | 9/28         | 2.7          | 40               | 1.0             |
|                        | K-3035S          | 54.2          | 9/26         | 2.8          | 43               | 1.0             |                        | S 60C            | 52.9          | 9/28         | 2.8          | 42               | 1.0             |
|                        | K-3999           | 48.6          | 9/30         | 3.4          | 39               | 1.0             | AVERAGE                |                  | 51.1          | ..           | 2.8          | 42               | 1.0             |
|                        | K-4085           | 49.2          | 9/29         | 3.3          | 44               | 1.0             |                        | L.S.D. 10% LEVEL | 4.1           | ..           | 0.4          | 3                | ..              |
| LANDERS                | 3912             | 50.5          | 10/01        | 3.3          | 47               | 1.0             |                        | L.S.D. 30% LEVEL | 2.6           | ..           | 0.3          | 2                | ..              |
| LEWIS                  | 31               | 49.9          | 9/29         | 2.9          | 51               | 1.0             |                        | STD ERR OF MEAN  | 1.8           | ..           | 0.2          | 1                | 0.0             |
|                        | 32A              | 51.5          | 9/22         | 3.0          | 40               | 1.0             | MATURITY GROUP IV      |                  |               |              |              |                  |                 |
| MASCO                  | DYNAMO-82        | 54.3          | 9/29         | 2.9          | 41               | 1.0             | GEO. KELLER & SONS CO. | K-914            | 48.6          | 10/10        | 3.2          | 48               | 1.0             |
|                        | 422              | 53.4          | 9/27         | 2.8          | 44               | 1.0             | MC CUBBIN              | CARSON           | 51.5          | 10/11        | 3.7          | 50               | 1.0             |
|                        | 4444             | 49.0          | 9/30         | 2.9          | 46               | 1.0             |                        | EX 4290          | 52.8          | 10/06        | 2.2          | 45               | 1.0             |
|                        | 8255             | 51.8          | 9/17         | 2.6          | 38               | 1.0             | MERSCHMAN              | CLEVELAND        | 51.5          | 10/04        | 3.7          | 44               | 1.0             |
|                        | 82-3             | 46.5          | 9/17         | 2.3          | 41               | 1.0             |                        | RICHMOND         | 50.5          | 10/05        | 3.2          | 47               | 1.0             |
| MC CUBBIN              | LEO II           | 47.9          | 9/26         | 3.4          | 44               | 1.0             | AVERAGE                |                  | 51.0          | ..           | 3.2          | 47               | 1.0             |
|                        | TROY II          | 58.1          | 9/26         | 2.9          | 43               | 1.0             |                        | L.S.D. 10% LEVEL | ..            | ..           | 0.8          | ..               | ..              |
| MC CURDY               | 109+             | 49.6          | 9/29         | 2.9          | 47               | 1.0             |                        | L.S.D. 30% LEVEL | ..            | ..           | 0.5          | ..               | ..              |
|                        | 308+             | 52.4          | 9/27         | 2.7          | 43               | 1.0             |                        | STD ERR OF MEAN  | 3.8           | ..           | 0.3          | 2                | 0.0             |
|                        | 385B             | 51.2          | 9/28         | 2.9          | 37               | 1.0             |                        |                  |               |              |              |                  |                 |
| MERSCHMAN              | JEFFERSON III    | 51.1          | 9/28         | 2.6          | 40               | 1.0             |                        |                  |               |              |              |                  |                 |
|                        | JEFFERSON II     | 48.7          | 9/29         | 3.1          | 42               | 1.0             |                        |                  |               |              |              |                  |                 |
|                        | KENNEDY          | 49.7          | 9/22         | 2.4          | 43               | 1.0             |                        |                  |               |              |              |                  |                 |
|                        | TRUMAN II        | 58.3          | 9/28         | 2.2          | 41               | 1.0             |                        |                  |               |              |              |                  |                 |
|                        | WASHINGTON V     | 51.5          | 9/27         | 3.4          | 43               | 1.0             |                        |                  |               |              |              |                  |                 |
| MIDWEST OILSEEDS       | 3350             | 54.1          | 10/02        | 3.1          | 42               | 1.0             |                        |                  |               |              |              |                  |                 |

Soybean Variety Trial Results  
**KILBOURNE, IRRIGATED (30-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |               |                  |                 | 1981 RESULTS  |              |               |                  |                 | 1980 RESULTS  |               |                 |
|---------------------------|---------------|--------------|---------------|------------------|-----------------|---------------|--------------|---------------|------------------|-----------------|---------------|---------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODGE-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODGE-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODGE-<br>ING | SHAT-<br>TERING |
| <b>MATURITY GROUP II</b>  |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| AGRIPRO                   |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| AP 240.....               | 50.2          | 9/16         | 1.5           | 32               | 1.0             |               |              |               |                  |                 |               |               |                 |
| FFR                       |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 2845.....                 | 38.3          | 9/16         | 1.2           | 31               | 1.7             |               |              |               |                  |                 |               |               |                 |
| FS HISOY                  |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| HS 265.....               | 56.1          | 9/26         | 1.5           | 35               | 1.0             | 57.3          | 9/12         | 1.1           | 31               | 1.0             | 46.5          | 1.1           | 1.0             |
| 280.....                  | 53.2          | 9/19         | 1.5           | 34               | 1.0             | 51.8          | 9/12         | 1.2           | 32               | 1.0             |               |               |                 |
| J M SCHULTZ               |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| JMS 2382.....             | 49.7          | 9/23         | 1.7           | 34               | 1.0             |               |              |               |                  |                 |               |               |                 |
| MC CUBBIN                 |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| SHILOH.....               | 49.7          | 9/16         | 1.5           | 35               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 1X-124.....               | 54.1          | 9/23         | 1.2           | 32               | 1.0             |               |              |               |                  |                 |               |               |                 |
| MERSCHMAN                 |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| CHEYENNE II.....          | 51.4          | 9/19         | 1.3           | 30               | 1.0             |               |              |               |                  |                 |               |               |                 |
| SAUK.....                 | 48.6          | 9/19         | 1.2           | 30               | 1.0             | 52.9          | 9/06         | 1.4           | 33               | 1.0             |               |               |                 |
| SHAWNEE II.....           | 48.4          | 9/19         | 1.5           | 35               | 1.0             | 48.9          | 9/06         | 1.1           | 31               | 1.0             | 44.1          | 1.4           | 1.0             |
| MIGRO                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| HP2530.....               | 47.2          | 9/19         | 1.2           | 30               | 1.7             | 48.7          | 9/05         | 1.2           | 29               | 1.0             |               |               |                 |
| PUBLIC VARIETY            |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| AMSOY 71.....             | 49.9          | 9/16         | 2.0           | 41               | 1.0             | 49.8          | 9/05         | 1.7           | 37               | 1.0             | 31.1          | 1.1           | 1.0             |
| BEESON 80.....            | 47.0          | 9/19         | 1.7           | 36               | 1.3             | 41.6          | 9/04         | 1.2           | 29               | 1.0             | 36.3          | 1.4           | 1.0             |
| BSR 201.....              | 45.9          | 9/16         | 1.3           | 32               | 1.3             |               |              |               |                  |                 |               |               |                 |
| CENTURY.....              | 47.5          | 9/16         | 1.5           | 33               | 1.0             | 49.8          | 9/06         | 1.2           | 29               | 1.0             | 39.1          | 1.3           | 1.0             |
| CORSOY 79.....            | 39.8          | 9/16         | 1.7           | 29               | 1.0             | 49.4          | 9/03         | 1.3           | 34               | 1.0             | 23.3          | 1.1           | 1.0             |
| GNOME.....                | 41.7          | 9/19         | 1.0           | 17               | 1.0             | 37.1          | 9/13         | 1.0           | 16               | 1.0             | 11.4          | 1.0           | 1.0             |
| WELLS II.....             | 42.9          | 9/14         | 1.3           | 34               | 1.3             | 47.7          | 9/03         | 1.1           | 33               | 1.0             | 33.2          | 1.2           | 1.0             |
| SHISSLER                  |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| GR8-263.....              | 54.6          | 9/23         | 1.5           | 35               | 1.0             | 58.8          | 9/13         | 1.2           | 37               | 1.0             |               |               |                 |
| GR8-265.....              | 51.8          | 9/16         | 1.8           | 40               | 1.0             | 50.4          | 9/05         | 1.1           | 37               | 1.0             |               |               |                 |
| S BRAND                   |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| S 46C.....                | 52.2          | 9/19         | 1.5           | 33               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S 47B.....                | 48.8          | 9/23         | 1.3           | 32               | 1.0             |               |              |               |                  |                 |               |               |                 |
| S 47C.....                | 47.1          | 9/23         | 1.2           | 29               | 1.0             |               |              |               |                  |                 |               |               |                 |
| VORIS                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 257.....                  | 47.4          | 9/19         | 1.7           | 36               | 1.0             | 52.4          | 9/11         | 1.3           | 36               | 1.0             |               |               |                 |
| 285.....                  | 54.1          | 9/26         | 2.0           | 42               | 1.0             | 60.5          | 9/12         | 1.8           | 42               | 1.0             |               |               |                 |
| AVERAGE.....              | 48.7          | ..           | 1.5           | 33               | 1.1             | 48.7          | ..           | 1.2           | 32               | 1.0             | 36.4          | 1.4           | 1.0             |
| L.S.D. 10% LEVEL.....     | 6.1           | ..           | 0.4           | 5                | 0.4             | 7.6           | ..           | 0.2           | 3                | ..              | 8.5           | ..            | ..              |
| L.S.D. 30% LEVEL.....     | 3.8           | ..           | 0.2           | 3                | 0.2             | 4.8           | ..           | 0.1           | 2                | ..              | 5.3           | ..            | ..              |
| STD ERR OF MEAN.....      | 2.6           | ..           | 0.1           | 2                | 0.1             | 3.2           | ..           | 0.1           | 1                | 0.0             | 3.6           | ..            | ..              |
| <b>MATURITY GROUP III</b> |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| AGRIPRO                   |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| AP 250.....               | 50.0          | 9/26         | 1.5           | 36               | 1.0             |               |              |               |                  |                 |               |               |                 |
| FS HISOY                  |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| HS 320.....               | 53.6          | 10/02        | 2.2           | 38               | 1.0             | 62.1          | 9/13         | 2.8           | 36               | 1.0             |               |               |                 |
| HS 322.....               | 45.4          | 9/23         | 1.3           | 35               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 350.....                  | 47.7          | 10/02        | 1.7           | 40               | 1.0             | 54.3          | 9/19         | 1.5           | 41               | 1.0             |               |               |                 |
| J M SCHULTZ               |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| WASHINGTON S.....         | 51.0          | 9/26         | 1.7           | 36               | 1.0             |               |              |               |                  |                 |               |               |                 |
| LEWIS                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| 32A.....                  | 51.4          | 9/30         | 1.5           | 38               | 1.0             |               |              |               |                  |                 |               |               |                 |
| 37.....                   | 46.3          | 9/30         | 1.3           | 35               | 1.0             | 58.3          | 9/13         | 1.5           | 35               | 1.0             |               |               |                 |
| MC CUBBIN                 |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| LEO II.....               | 49.9          | 10/02        | 1.7           | 38               | 1.0             |               |              |               |                  |                 |               |               |                 |
| TROY II.....              | 49.1          | 9/30         | 1.3           | 35               | 1.0             |               |              |               |                  |                 |               |               |                 |
| MERSCHMAN                 |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| JEFFERSON III.....        | 50.6          | 9/26         | 1.5           | 34               | 1.0             | 49.8          | 9/15         | 1.3           | 32               | 1.0             |               |               |                 |
| JEFFERSON II.....         | 52.3          | 9/30         | 1.7           | 37               | 1.0             | 64.5          | 9/13         | 1.5           | 36               | 1.0             |               |               |                 |
| KENNEDY.....              | 54.5          | 10/06        | 1.5           | 37               | 1.0             | 64.3          | 9/12         | 1.5           | 37               | 1.0             | 26.4          | 1.3           | 3.0             |
| TRUMAN II.....            | 53.8          | 9/30         | 1.2           | 33               | 1.0             |               |              |               |                  |                 |               |               |                 |
| WASHINGTON V.....         | 52.5          | 9/30         | 1.8           | 36               | 1.0             | 62.5          | 9/13         | 2.8           | 38               | 1.0             |               |               |                 |
| MIGRO                     |               |              |               |                  |                 |               |              |               |                  |                 |               |               |                 |
| EX 1051.....              | 48.8          | 9/16         | 1.7           | 32               | 1.7             |               |              |               |                  |                 |               |               |                 |
| HP3700.....               | 50.8          | 10/02        | 1.5           | 39               | 1.0             | 58.7          | 9/19         | 1.0           | 38               | 1.0             |               |               |                 |

KILBOURNE, IRRIGATED (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 50.4          | 9/26         | 1.5          | 37               | 1.0             | 62.9          | 9/15         | 1.8          | 38               | 1.0             | 35.2          | 1.0          | 1.3             |
| ELF.....                  | 51.8          | 10/02        | 1.0          | 20               | 1.0             | 53.1          | 9/19         | 1.0          | 20               | 1.0             | 37.6          | 1.0          | 1.0             |
| FAYETTE.....              | 44.2          | 10/02        | 1.3          | 38               | 1.0             | 54.9          | 9/17         | 1.3          | 40               | 1.0             |               |              |                 |
| HOBBIT.....               | 48.1          | 10/02        | 1.0          | 21               | 1.0             | 46.4          | 9/19         | 1.0          | 20               | 1.0             |               |              |                 |
| PELLA.....                | 40.2          | 9/26         | 1.2          | 33               | 1.0             | 53.3          | 9/12         | 1.3          | 34               | 1.0             | 30.3          | 1.2          | 1.3             |
| SPRITE.....               | 42.4          | 9/30         | 1.0          | 21               | 1.0             | 53.6          | 9/16         | 1.0          | 20               | 1.0             | 18.1          | 1.0          | 1.0             |
| WILLIAMS 79.....          | 49.9          | 10/02        | 1.3          | 39               | 1.0             | 57.6          | 9/18         | 1.3          | 39               | 1.0             | 41.5          | 1.0          | 1.0             |
| WILLIAMS 82.....          | 50.0          | 10/02        | 1.3          | 36               | 1.0             | 60.0          | 9/20         | 1.2          | 40               | 1.0             |               |              |                 |
| WILL.....                 | 51.0          | 9/26         | 1.3          | 31               | 1.0             | 56.2          | 9/12         | 1.7          | 32               | 1.0             | 24.1          | 1.0          | 1.1             |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 202R.....                 | 51.9          | 10/02        | 1.5          | 37               | 1.0             | 56.3          | 9/18         | 1.3          | 39               | 1.0             |               |              |                 |
| SHISSLER                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GRB-366.....              | 47.6          | 9/26         | 1.5          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GRB-367.....              | 49.0          | 9/26         | 1.3          | 37               | 1.0             | 47.1          | 9/14         | 1.0          | 29               | 1.0             |               |              |                 |
| S BRAND                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 52A.....                | 42.9          | 9/23         | 1.3          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 56A.....                | 46.8          | 9/26         | 1.2          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 56.....                 | 44.7          | 9/30         | 1.2          | 34               | 1.3             |               |              |              |                  |                 |               |              |                 |
| S 60C.....                | 42.7          | 9/26         | 1.3          | 32               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 48.8          | ..           | 1.4          | 34               | 1.0             | 57.2          | ..           | 1.5          | 36               | 1.0             | 31.4          | ..           | ..              |
| L.S.D. 10% LEVEL.....     | ..            | ..           | 0.3          | 4                | 0.2             | 8.6           | ..           | 0.5          | 3                | ..              | 5.8           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | ..            | ..           | 0.2          | 3                | 0.1             | 5.4           | ..           | 0.3          | 2                | ..              | 3.6           | ..           | ..              |
| STD ERR OF MEAN.....      | 3.4           | ..           | 0.1          | 2                | 0.1             | 3.6           | ..           | 0.2          | 1                | 0.0             | 2.5           | ..           | ..              |
| Maturity Group IV         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 350.....               | 48.3          | 10/06        | 1.5          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 4982.....             | 51.6          | 10/06        | 2.0          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VICTOR.....               | 46.7          | 10/06        | 1.7          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 43.....                   | 48.4          | 10/02        | 1.3          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CARSON.....               | 49.5          | 10/06        | 1.7          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 4290.....              | 45.9          | 10/02        | 1.3          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CLEVELAND.....            | 37.9          | 10/02        | 1.5          | 34               | 1.0             | 58.8          | 9/19         | 1.5          | 41               | 1.0             |               |              |                 |
| DALLAS.....               | 44.9          | 10/02        | 1.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RICHMOND.....             | 34.4          | 10/06        | 1.5          | 35               | 1.0             | 53.3          | 9/23         | 1.2          | 40               | 1.0             | 29.8          | 1.1          | 1.0             |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| LAWRENCE.....             | 49.4          | 9/30         | 1.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| UNION.....                | 51.8          | 10/02        | 1.3          | 42               | 1.0             |               |              |              |                  |                 | 33.7          | 1.2          | 1.2             |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2024.....                 | 47.3          | 9/30         | 1.2          | 38               | 1.0             | 58.7          | 9/16         | 1.3          | 39               | 1.0             |               |              |                 |
| 2025.....                 | 51.3          | 10/02        | 1.3          | 42               | 1.0             | 61.7          | 9/22         | 1.5          | 48               | 1.0             | 32.0          | 1.0          | 2.0             |
| AVERAGE.....              | 46.7          | ..           | 1.5          | 40               | 1.0             | 57.2          | ..           | 1.5          | 36               | 1.0             | 31.4          | ..           | ..              |
| L.S.D. 10% LEVEL.....     | ..            | ..           | 0.4          | 6                | ..              | 8.6           | ..           | 0.5          | 3                | ..              | 5.8           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | ..            | ..           | 0.3          | 4                | ..              | 5.4           | ..           | 0.3          | 2                | ..              | 3.6           | ..           | ..              |
| STD ERR OF MEAN.....      | 4.0           | ..           | 0.2          | 2                | 0.0             | 3.6           | ..           | 0.2          | 1                | 0.0             | 2.5           | ..           | ..              |

Soybean Variety Trial Results  
**URBANA (30-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| Maturity Group II         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIGENETICS              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2102A.....                | 47.0          | 9/11         | 2.5          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRIFRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AF 240.....               | 47.9          | 9/10         | 2.8          | 39               | 1.0             | 52.9          | 9/16         | 2.7          | 37               | 1.0             |               |              |                 |
| AGRO-SDY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                   | 50.1          | 9/15         | 3.5          | 42               | 1.0             | 66.2          | 9/19         | 3.0          | 41               | 1.0             | 43.6          | 1.0          | 1.0             |
| AG-SEEDS                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 7250.....                 | 51.8          | 9/17         | 2.8          | 49               | 1.0             | 54.9          | 9/25         | 3.7          | 48               | 1.0             | 31.5          | 1.2          | 1.0             |
| AMERICANA                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| B507.....                 | 54.8          | 9/14         | 3.3          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| YANKEE.....               | 52.3          | 9/14         | 2.3          | 46               | 1.0             | 57.0          | 9/18         | 2.8          | 45               | 1.0             |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A2575.....                | 50.5          | 9/07         | 2.2          | 46               | 1.0             | 59.0          | 9/11         | 2.3          | 45               | 1.0             | 35.3          | 1.0          | 2.0             |
| A2680.....                | 47.2          | 9/11         | 2.8          | 41               | 1.0             | 59.1          | 9/16         | 3.2          | 44               | 1.0             |               |              |                 |
| A2858.....                | 48.0          | 9/10         | 3.0          | 34               | 1.0             | 61.1          | 9/17         | 3.3          | 38               | 1.0             | 34.8          | 1.1          | 1.0             |
| BELLATTI                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| R-77-84.....              | 45.9          | 9/10         | 3.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CFS                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 22.....                   | 47.5          | 9/09         | 3.0          | 46               | 1.0             | 51.8          | 9/14         | 2.3          | 47               | 1.0             | 34.5          | 1.0          | 2.0             |
| 23.....                   | 53.7          | 9/13         | 3.0          | 39               | 1.0             | 62.3          | 9/17         | 3.2          | 42               | 1.0             |               |              |                 |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-212.....              | 52.3          | 9/05         | 2.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-227.....              | 52.3          | 9/11         | 2.4          | 45               | 1.0             | 56.0          | 9/20         | 2.5          | 46               | 1.0             |               |              |                 |
| DSR-232.....              | 51.1          | 9/13         | 2.6          | 45               | 1.0             | 53.1          | 9/17         | 2.8          | 45               | 1.0             | 41.1          | 1.3          | 1.0             |
| 82-242.....               | 51.9          | 9/14         | 3.0          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DE SOY                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 675.....                  | 51.4          | 9/10         | 2.4          | 42               | 1.0             | 61.2          | 9/16         | 2.7          | 43               | 1.0             |               |              |                 |
| 750.....                  | 55.7          | 9/15         | 2.5          | 41               | 1.0             | 57.8          | 9/17         | 2.7          | 44               | 1.0             | 44.1          | 1.1          | 1.0             |
| 777A.....                 | 52.2          | 9/13         | 2.7          | 41               | 1.0             | 63.0          | 9/20         | 2.7          | 45               | 1.0             |               |              |                 |
| 808.....                  | 52.7          | 9/13         | 2.7          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DIENER BROS.              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DB210.....                | 45.4          | 9/11         | 3.0          | 42               | 1.0             | 56.7          | 9/16         | 2.2          | 43               | 1.0             | 36.3          | 1.0          | 1.0             |
| DB28.....                 | 48.6          | 9/12         | 3.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FFR                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2845.....                 | 48.0          | 9/10         | 2.2          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 235.....               | 50.6          | 9/10         | 2.9          | 45               | 1.0             | 61.8          | 9/18         | 3.0          | 48               | 1.0             | 32.5          | 1.6          | 1.0             |
| HS 265.....               | 50.2          | 9/10         | 1.5          | 39               | 1.0             | 57.6          | 9/17         | 2.0          | 45               | 1.0             | 38.7          | 1.0          | 1.0             |
| 226.....                  | 50.6          | 9/08         | 2.6          | 40               | 1.0             | 56.8          | 9/13         | 2.7          | 40               | 1.0             |               |              |                 |
| 280.....                  | 46.9          | 9/13         | 2.5          | 44               | 1.0             | 58.2          | 9/20         | 3.3          | 42               | 1.0             | 42.4          | 1.0          | 1.0             |
| FULVAR                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 241.....                  | 46.0          | 9/11         | 2.5          | 43               | 1.0             | 58.6          | 9/16         | 2.3          | 45               | 1.0             | 36.5          | 1.0          | 2.0             |
| 261.....                  | 49.3          | 9/14         | 2.9          | 49               | 1.0             | 56.5          | 9/19         | 3.0          | 44               | 1.0             | 36.7          | 1.2          | 1.0             |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3236.....               | 44.3          | 9/10         | 2.8          | 41               | 1.0             | 56.0          | 9/20         | 2.8          | 39               | 1.0             | 35.1          | 1.1          | 2.0             |
| 12155.....                | 48.2          | 9/12         | 2.9          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GEO. KELLER & SONS CO.    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| K-916.....                | 52.8          | 9/14         | 3.0          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GOLD TAG                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BRAND 1270.....           | 54.4          | 9/14         | 3.2          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GT 1250.....              | 47.1          | 9/10         | 2.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HOB LIT                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BOUNTY.....               | 54.6          | 9/13         | 3.2          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 2382.....             | 52.1          | 9/14         | 3.0          | 42               | 1.0             | 59.4          | 9/18         | 2.7          | 44               | 1.0             |               |              |                 |
| SHAWNEE II.....           | 45.4          | 9/10         | 2.5          | 43               | 1.0             | 59.5          | 9/16         | 2.2          | 43               | 1.0             | 33.9          | 1.0          | 1.0             |
| SHAWNEE.....              | 43.8          | 9/11         | 3.2          | 44               | 1.0             | 56.2          | 9/18         | 3.2          | 42               | 1.0             | 38.2          | 1.1          | 1.0             |
| KITCHEN                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 180.....              | 49.6          | 9/07         | 2.4          | 44               | 1.0             | 58.8          | 9/12         | 2.5          | 41               | 1.0             |               |              |                 |
| KSC 190.....              | 44.5          | 9/15         | 2.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KRUGER                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KB-252.....               | 50.5          | 9/14         | 2.6          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| K-2120.....               | 46.3          | 9/10         | 2.7          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| K-2199.....               | 52.4          | 9/15         | 3.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LANDERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2908.....                 | 50.4          | 9/13         | 2.8          | 44               | 1.0             | 58.8          | 9/18         | 2.8          | 43               | 1.0             |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 23.....                   | 48.6          | 9/13         | 3.1          | 42               | 1.0             | 58.1          | 9/22         | 3.0          | 41               | 1.0             |               |              |                 |
| 24.....                   | 49.0          | 9/09         | 2.3          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LOWE SEED                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 244.....                  | 45.5          | 9/10         | 2.4          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MASCO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BARON-82.....             | 51.3          | 9/13         | 3.4          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 82-2.....                 | 48.9          | 9/12         | 2.5          | 48               | 1.0             | 61.2          | 9/17         | 2.3          | 43               | 1.0             |               |              |                 |

URBANA (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SHILOH.....               | 45.3          | 9/09         | 2.4          | 39               | 1.0             | 61.6          | 9/16         | 2.3          | 43               | 1.0             |               |              |                 |
| 1X-124.....               | 55.8          | 9/12         | 3.0          | 41               | 1.0             | 63.5          | 9/18         | 2.7          | 40               | 1.0             |               |              |                 |
| MC CURDY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 102+.....                 | 47.7          | 9/09         | 3.2          | 46               | 1.0             | 51.3          | 9/13         | 2.7          | 42               | 1.0             | 36.9          | 1.3          | 1.0             |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CHEYENNE II.....          | 51.8          | 9/13         | 2.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SAUK.....                 | 50.8          | 9/13         | 2.7          | 42               | 1.0             | 58.7          | 9/20         | 2.7          | 41               | 1.0             | 34.4          | 1.1          | 1.0             |
| SHAWNEE II.....           | 43.7          | 9/11         | 2.8          | 44               | 1.0             | 59.2          | 9/16         | 2.5          | 43               | 1.0             | 36.1          | 1.0          | 2.0             |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP2530.....               | 52.5          | 9/08         | 2.0          | 37               | 1.0             | 59.1          | 9/16         | 2.7          | 41               | 1.0             | 35.5          | 1.2          | 2.0             |
| NOBLE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| NB 2100.....              | 51.0          | 9/08         | 2.5          | 46               | 1.0             |               |              |              |                  |                 | 38.4          | 1.3          | 1.0             |
| NB 2600.....              | 44.2          | 9/10         | 2.7          | 46               | 1.0             | 59.0          | 9/20         | 2.2          | 43               | 1.0             | 35.7          | 1.0          | 2.0             |
| NORTHROP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S1492.....                | 47.6          | 9/09         | 2.5          | 41               | 1.0             | 54.9          | 9/14         | 2.5          | 40               | 1.0             | 37.3          | 1.0          | 2.0             |
| S2596.....                | 45.7          | 9/08         | 1.9          | 36               | 1.0             | 59.1          | 9/14         | 1.8          | 37               | 1.0             | 35.0          | 1.0          | 1.0             |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EC312.....                | 52.9          | 9/13         | 3.0          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AMSDY 71.....             | 44.3          | 9/11         | 3.3          | 49               | 1.0             | 50.2          | 9/16         | 2.8          | 46               | 1.0             | 35.0          | 1.1          | 1.0             |
| BEESON 80.....            | 45.1          | 9/09         | 2.6          | 43               | 1.0             | 50.8          | 9/14         | 2.8          | 41               | 1.0             | 37.3          | 1.0          | 2.0             |
| BSR 201.....              | 52.6          | 9/10         | 2.5          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CENTURY.....              | 47.6          | 9/10         | 2.3          | 44               | 1.0             | 58.3          | 9/16         | 3.0          | 42               | 1.0             | 35.0          | 1.0          | 1.0             |
| CORSOY 79.....            | 45.0          | 9/06         | 3.2          | 46               | 1.0             | 52.9          | 9/11         | 3.0          | 44               | 1.0             | 35.4          | 1.7          | 1.0             |
| GNOME.....                | 45.8          | 9/14         | 1.1          | 21               | 1.0             | 58.5          | 9/26         | 1.2          | 21               | 1.0             | 39.0          | 1.0          | 1.0             |
| WELLS II.....             | 45.3          | 9/06         | 2.0          | 41               | 1.0             | 47.7          | 9/11         | 3.2          | 42               | 1.0             | 32.8          | 1.0          | 2.0             |
| RING AROUND               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RAX-100.....              | 54.1          | 9/12         | 3.3          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-84.....               | 46.9          | 9/05         | 2.2          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-86.....               | 45.2          | 9/12         | 2.7          | 50               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-97.....               | 46.7          | 9/03         | 2.1          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-98.....               | 55.3          | 9/09         | 2.4          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-99.....               | 51.2          | 9/15         | 2.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 303A.....                 | 48.7          | 9/09         | 2.2          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 4042.....                 | 48.0          | 9/09         | 2.5          | 44               | 1.0             |               |              |              |                  |                 | 37.5          | 1.1          | 1.0             |
| 4044.....                 | 45.9          | 9/07         | 2.8          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SEEDMAKERS                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 27291G.....               | 42.3          | 9/14         | 3.6          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 8-C.....                  | 46.7          | 9/10         | 2.3          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHISSLER                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GR8-263.....              | 47.6          | 9/13         | 2.5          | 44               | 1.0             | 50.1          | 9/18         | 2.8          | 43               | 1.0             |               |              |                 |
| GR8-265.....              | 46.7          | 9/09         | 2.9          | 48               | 1.0             | 53.7          | 9/15         | 2.8          | 46               | 1.0             |               |              |                 |
| SRF                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 205.....                  | 47.7          | 9/08         | 3.1          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 250.....                  | 51.3          | 9/13         | 2.0          | 42               | 1.0             | 58.8          | 9/23         | 2.0          | 44               | 1.0             | 39.2          | 1.0          | 1.0             |
| SUPERSOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 450.....                  | 51.2          | 9/13         | 3.0          | 47               | 1.0             | 55.1          | 9/22         | 3.2          | 43               | 1.0             | 40.7          | 1.2          | 1.0             |
| 455.....                  | 46.7          | 9/13         | 2.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 460A.....                 | 45.2          | 9/13         | 2.7          | 45               | 1.0             | 50.9          | 9/26         | 3.2          | 43               | 1.0             | 36.9          | 1.2          | 1.0             |
| S BRAND                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 46C.....                | 50.6          | 9/13         | 2.9          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 47B.....                | 54.8          | 9/13         | 3.0          | 42               | 1.0             | 58.4          | 9/20         | 2.5          | 41               | 1.0             | 34.8          | 1.0          | 1.0             |
| S 47C.....                | 51.3          | 9/12         | 2.9          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISLER                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| TRISDY 201.....           | 49.6          | 9/10         | 3.1          | 45               | 1.0             | 58.7          | 9/13         | 2.5          | 51               | 1.0             |               |              |                 |
| TRISDY 211.....           | 50.9          | 9/14         | 3.1          | 42               | 1.0             | 62.0          | 9/20         | 2.7          | 41               | 1.0             |               |              |                 |
| TRISDY 215.....           | 47.5          | 9/12         | 2.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VORIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EXP. 0811.....            | 49.5          | 9/11         | 2.7          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 247.....                  | 50.1          | 9/05         | 1.7          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 295.....                  | 48.5          | 9/16         | 2.5          | 50               | 1.0             |               |              |              |                  |                 | 34.8          | 1.2          | 1.0             |
| WILKEN BRAND              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2360.....                 | 50.5          | 9/12         | 3.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 2445.....                 | 47.6          | 9/08         | 2.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 2450.....                 | 50.7          | 9/10         | 2.9          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 49.1          | ..           | 2.7          | 43               | 1.0             | 56.4          | ..           | 2.7          | 43               | 1.0             | 36.3          | 1.1          | 1.3             |
| L.S.D. 10% LEVEL.....     | 4.5           | ..           | 0.4          | 3                | ..              | 6.8           | ..           | 0.2          | 5                | ..              | 4.9           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 2.8           | ..           | 0.3          | 2                | ..              | 4.3           | ..           | 0.4          | 3                | ..              | 3.1           | ..           | ..              |
| STD ERR OF MEAN.....      | 1.9           | ..           | 0.2          | 1                | 0.0             | 2.9           | ..           | 0.3          | 2                | 0.0             | 2.1           | ..           | ..              |

URBANA (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| Maturity Group III        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIGENETICS              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3103B.....                | 44.2          | 9/14         | 2.8          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 250.....               | 51.1          | 9/13         | 2.7          | 44               | 1.0             | 50.6          | 9/20         | 3.0          | 48               | 1.0             | 39.3          | 1.2          | 2.0             |
| 25.....                   | 48.1          | 9/15         | 2.2          | 45               | 1.0             | 53.0          | 9/24         | 2.5          | 46               | 1.0             | 36.9          | 1.2          | 2.0             |
| 26.....                   | 53.0          | 9/19         | 2.5          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 27.....                   | 52.2          | 9/13         | 2.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 38.....                   | 49.8          | 9/13         | 2.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 46.....                   | 52.2          | 9/16         | 2.7          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AG-SEEDS                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KING.....                 | 44.8          | 9/21         | 2.7          | 44               | 1.0             | 50.1          | 9/30         | 2.5          | 47               | 1.0             | 37.7          | 1.1          | 1.0             |
| AMERICANA                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| B510.....                 | 41.0          | 9/29         | 3.3          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| B513.....                 | 49.6          | 9/24         | 2.5          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| B515.....                 | 48.8          | 9/27         | 2.8          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| B518.....                 | 43.0          | 9/24         | 3.3          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| REBEL.....                | 46.1          | 9/23         | 3.8          | 39               | 1.0             | 45.4          | 9/28         | 3.3          | 40               | 1.0             |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A3127.....                | 56.2          | 9/14         | 2.0          | 43               | 1.0             | 56.7          | 9/25         | 2.2          | 39               | 1.0             | 41.0          | 1.3          | 1.0             |
| A3659.....                | 53.9          | 9/20         | 1.5          | 39               | 1.0             | 52.9          | 9/30         | 2.0          | 41               | 1.0             | 47.3          | 1.0          | 1.0             |
| A3860.....                | 53.3          | 9/28         | 2.7          | 42               | 1.0             | 59.8          | 10/02        | 2.8          | 41               | 1.0             | 41.7          | 1.4          | 1.0             |
| BERGMANN-TAYLOR           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BT 330.....               | 50.9          | 9/18         | 2.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 380.....               | 44.9          | 9/25         | 3.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 390.....               | 51.8          | 9/28         | 2.7          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CALLAHAN                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3310.....                 | 53.0          | 9/15         | 3.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CFS                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                   | 50.9          | 9/15         | 3.0          | 48               | 1.0             | 57.6          | 9/26         | 3.3          | 45               | 1.0             | 38.5          | 1.7          | 2.0             |
| 34.....                   | 50.0          | 9/14         | 2.3          | 41               | 1.0             | 48.8          | 9/25         | 2.8          | 45               | 1.0             | 39.0          | 1.3          | 1.0             |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-303.....              | 41.3          | 9/18         | 3.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-312.....              | 48.6          | 9/17         | 2.8          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-320.....              | 52.6          | 9/28         | 2.5          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-352.....              | 44.5          | 9/27         | 3.7          | 38               | 1.0             | 51.7          | 9/28         | 3.2          | 42               | 1.0             |               |              |                 |
| DE SOY                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 875.....                  | 51.3          | 9/15         | 2.5          | 46               | 1.0             | 47.2          | 9/22         | 2.8          | 47               | 1.0             |               |              |                 |
| 900.....                  | 53.8          | 9/18         | 2.7          | 47               | 1.0             | 58.1          | 9/26         | 3.0          | 47               | 1.0             | 42.0          | 1.5          | 2.0             |
| 919A.....                 | 51.1          | 9/14         | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 950A.....                 | 50.1          | 9/18         | 2.8          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 975E.....                 | 46.9          | 9/17         | 3.2          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DIENER BROS.              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DB310.....                | 52.1          | 9/14         | 2.5          | 42               | 1.0             | 50.5          | 9/24         | 2.8          | 45               | 1.0             | 32.5          | 1.2          | 2.0             |
| DB340.....                | 49.6          | 9/20         | 2.7          | 42               | 1.0             | 52.2          | 10/01        | 2.8          | 44               | 1.0             | 40.5          | 1.1          | 1.0             |
| ELITE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 242.....                  | 44.6          | 9/15         | 2.5          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 342.....                  | 45.4          | 9/23         | 2.7          | 56               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 382.....                  | 50.8          | 9/12         | 2.5          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FFR                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 330 B.....                | 51.0          | 9/20         | 2.5          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 320.....               | 52.0          | 9/18         | 3.0          | 46               | 1.0             | 46.6          | 9/23         | 3.3          | 46               | 1.0             |               |              |                 |
| HS 322.....               | 53.5          | 9/17         | 2.5          | 44               | 1.0             | 54.4          | 9/25         | 2.7          | 46               | 1.0             |               |              |                 |
| 350.....                  | 50.9          | 9/23         | 2.5          | 45               | 1.0             | 57.3          | 10/01        | 2.7          | 48               | 1.0             | 36.3          | 1.1          | 2.0             |
| FULVAR                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 331.....                  | 51.1          | 9/15         | 2.5          | 47               | 1.0             | 51.9          | 9/23         | 3.2          | 45               | 1.0             |               |              |                 |
| 381.....                  | 52.3          | 9/27         | 2.8          | 48               | 1.0             | 58.9          | 10/01        | 3.5          | 49               | 1.0             | 37.3          | 1.9          | 2.0             |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3340.....               | 45.4          | 9/14         | 3.5          | 43               | 1.0             | 52.3          | 9/25         | 3.0          | 46               | 1.0             | 37.5          | 1.3          | 1.0             |
| 12172.....                | 45.0          | 9/11         | 2.8          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GEO. KELLER & SONS CO.    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GRANT.....                | 51.8          | 9/18         | 2.7          | 46               | 1.0             | 52.2          | 9/25         | 3.3          | 44               | 1.0             | 46.9          | 1.8          | 2.0             |
| K-917.....                | 51.1          | 9/15         | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| JACQUES                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| J 110 EXP.....            | 50.2          | 9/14         | 3.2          | 41               | 1.0             | 47.2          | 9/27         | 2.7          | 41               | 1.0             |               |              |                 |
| J 112.....                | 49.0          | 9/23         | 2.7          | 53               | 1.0             | 51.7          | 9/30         | 3.5          | 59               | 1.0             |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....             | 50.3          | 9/15         | 2.8          | 43               | 1.0             | 57.2          | 9/26         | 2.7          | 45               | 1.0             |               |              |                 |
| WASHINGTON 5.....         | 53.4          | 9/18         | 2.7          | 47               | 1.0             | 50.5          | 9/25         | 3.5          | 48               | 1.0             | 38.7          | 1.6          | 2.0             |
| KITCHEN                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 380.....              | 52.5          | 9/14         | 2.7          | 44               | 1.0             | 56.1          | 9/26         | 3.2          | 46               | 1.0             |               |              |                 |
| KSC 383.....              | 48.5          | 9/20         | 3.3          | 36               | 1.0             | 44.3          | 9/28         | 2.8          | 40               | 1.0             |               |              |                 |
| KRUGER                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KB-304.....               | 54.4          | 9/15         | 2.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KB-315.....               | 53.1          | 9/13         | 2.7          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KB-365.....               | 47.4          | 9/18         | 3.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| K-3015A.....              | 54.5          | 9/18         | 3.0          | 47               | 1.0             | 55.2          | 9/23         | 3.5          | 45               | 1.0             |               |              |                 |
| K-3035S.....              | 49.8          | 9/15         | 2.8          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |

URBANA (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| LANDERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3912.....                 | 50.2          | 9/27         | 3.0          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 32A.....                  | 53.2          | 9/12         | 2.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 37.....                   | 51.3          | 9/15         | 2.7          | 42               | 1.0             | 52.3          | 9/25         | 2.7          | 43               | 1.0             |               |              |                 |
| LOWE SEED                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 366.....                  | 55.4          | 9/19         | 2.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MASCO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 82-3.....                 | 48.0          | 9/10         | 2.8          | 42               | 1.0             | 60.0          | 9/17         | 2.8          | 42               | 1.0             |               |              |                 |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| LEO II.....               | 54.2          | 9/15         | 2.7          | 48               | 1.0             | 48.7          | 9/26         | 3.3          | 47               | 1.0             |               |              |                 |
| TROY II.....              | 49.9          | 9/15         | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MC CURDY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| ML3.....                  | 48.6          | 9/19         | 2.5          | 51               | 1.0             | 45.5          | 9/26         | 3.3          | 48               | 1.0             | 36.6          | 1.2          | 2.0             |
| X303B.....                | 54.3          | 9/15         | 2.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 109+.....                 | 46.9          | 9/16         | 3.2          | 53               | 1.0             | 45.4          | 9/25         | 3.0          | 47               | 1.0             | 40.1          | 1.2          | 2.0             |
| 308+.....                 | 49.2          | 9/18         | 3.0          | 48               | 1.0             | 47.0          | 9/26         | 3.0          | 50               | 1.0             |               |              |                 |
| 385B.....                 | 55.1          | 9/18         | 2.8          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JEFFERSON III.....        | 53.7          | 9/14         | 3.0          | 43               | 1.0             | 56.2          | 9/24         | 2.5          | 44               | 1.0             |               |              |                 |
| JEFFERSON II.....         | 50.5          | 9/20         | 2.7          | 48               | 1.0             | 52.0          | 9/26         | 2.8          | 45               | 1.0             | 38.4          | 1.3          | 2.0             |
| KENNEDY.....              | 53.6          | 9/13         | 2.5          | 43               | 1.0             | 48.6          | 9/25         | 2.7          | 41               | 1.0             | 34.7          | 1.2          | 1.0             |
| TRUMAN II.....            | 54.0          | 9/14         | 2.5          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON V.....         | 50.7          | 9/18         | 2.8          | 47               | 1.0             | 56.7          | 9/26         | 3.5          | 45               | 1.0             | 38.0          | 1.6          | 2.0             |
| MIDWEST OILSEEDS          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3350.....                 | 56.1          | 9/19         | 2.7          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 1051.....              | 49.9          | 9/11         | 3.0          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HP3700.....               | 54.8          | 9/21         | 2.5          | 45               | 1.0             | 53.1          | 9/30         | 2.8          | 49               | 1.0             | 38.9          | 1.1          | 1.0             |
| NAPB                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 68225-14.....          | 51.0          | 9/16         | 2.3          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 73011.....             | 52.5          | 9/13         | 3.5          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NOBLE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| NB 3131.....              | 50.4          | 9/13         | 3.0          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NORTHRUP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV32-67.....              | 51.9          | 9/18         | 3.0          | 48               | 1.0             | 50.5          | 9/26         | 3.7          | 47               | 1.0             |               |              |                 |
| 367304.....               | 53.6          | 9/18         | 2.7          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 729178.....               | 59.6          | 9/15         | 2.2          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PAYMASTER                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 351.....                  | 46.5          | 9/12         | 2.7          | 45               | 1.0             | 55.2          | 9/24         | 3.0          | 45               | 1.0             |               |              |                 |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX321.....                | 43.6          | 9/13         | 3.3          | 40               | 1.0             | 49.9          | 9/24         | 3.8          | 44               | 1.0             |               |              |                 |
| CX380.....                | 49.2          | 9/15         | 2.8          | 44               | 1.0             | 54.6          | 9/30         | 2.8          | 47               | 1.0             | 38.7          | 1.3          | 1.0             |
| EC1147.....               | 50.7          | 9/15         | 2.7          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PRAIRIE STATE COMMODITIES |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| PSC 1403.....             | 49.3          | 9/26         | 3.5          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PSC 1404.....             | 46.0          | 9/27         | 3.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 48.9          | 9/13         | 3.5          | 41               | 1.0             | 53.1          | 9/26         | 2.7          | 46               | 1.0             | 41.2          | 1.3          | 1.0             |
| ELF.....                  | 55.3          | 9/28         | 1.3          | 21               | 1.0             | 48.4          | 9/27         | 1.2          | 25               | 1.0             | 41.1          | 1.0          | 1.0             |
| FAYETTE.....              | 53.5          | 9/26         | 2.2          | 48               | 1.0             | 48.9          | 9/28         | 2.8          | 48               | 1.0             |               |              |                 |
| HOBBIT.....               | 51.9          | 9/17         | 1.3          | 21               | 1.0             | 52.3          | 9/29         | 1.2          | 24               | 1.0             |               |              |                 |
| PELLA.....                | 53.8          | 9/13         | 2.3          | 47               | 1.0             | 46.7          | 9/22         | 2.7          | 46               | 1.0             | 43.1          | 1.1          | 1.0             |
| SPRITE.....               | 49.4          | 9/15         | 1.7          | 21               | 1.0             | 58.9          | 9/28         | 1.0          | 24               | 1.0             | 42.3          | 1.1          | 1.0             |
| WILLIAMS 79.....          | 46.8          | 9/16         | 2.7          | 45               | 1.0             | 47.7          | 9/28         | 2.5          | 47               | 1.0             | 35.4          | 1.2          | 1.0             |
| WILLIAMS 82.....          | 50.8          | 9/22         | 2.8          | 44               | 1.0             | 44.2          | 9/29         | 2.8          | 47               | 1.0             |               |              |                 |
| WILL.....                 | 47.7          | 9/13         | 2.8          | 34               | 1.0             | 51.9          | 9/26         | 2.2          | 34               | 1.0             | 40.6          | 1.2          | 1.0             |
| RING AROUND               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RAX-101.....              | 50.8          | 9/14         | 2.7          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-102.....              | 48.6          | 9/23         | 2.7          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-103.....              | 51.5          | 9/14         | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-87.....               | 48.1          | 9/12         | 2.0          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-88.....               | 48.2          | 9/19         | 2.7          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-89.....               | 36.5          | 9/11         | 1.7          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-90.....               | 41.6          | 9/16         | 3.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-91.....               | 40.9          | 9/11         | 2.3          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-92.....               | 45.6          | 9/18         | 3.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-93.....               | 47.1          | 9/09         | 2.2          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-94.....               | 47.6          | 9/14         | 2.5          | 50               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 202R.....                 | 50.4          | 9/14         | 2.2          | 43               | 1.0             | 48.9          | 9/25         | 2.7          | 45               | 1.0             |               |              |                 |
| 3033.....                 | 53.4          | 9/13         | 3.5          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SEEDMAKERS                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 72118H.....               | 47.0          | 9/21         | 2.5          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHISSLER                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GR8-366.....              | 52.7          | 9/13         | 2.5          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GR8-367.....              | 48.9          | 9/13         | 2.5          | 43               | 1.0             | 51.0          | 9/26         | 2.7          | 46               | 1.0             |               |              |                 |
| STEWART HYBRIDS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SEEDMAKERS 9-E.....       | 41.6          | 9/22         | 2.5          | 52               | 1.0             |               |              |              |                  |                 |               |              |                 |
| STEWART SEEDS             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SB 3400.....              | 49.4          | 9/12         | 2.8          | 42               | 1.0             | 49.3          | 9/25         | 3.3          | 43               | 1.0             |               |              |                 |
| SB 3700.....              | 42.7          | 9/10         | 3.2          | 46               | 1.0             | 49.2          | 9/16         | 3.0          | 47               | 1.0             |               |              |                 |

URBANA (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| SUPERSOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 470.....                  | 44.5          | 9/22         | 2.5          | 51               | 1.0             | 46.5          | 9/27         | 3.3          | 48               | 1.0             |               |              |                 |
| S BRAND                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 52A.....                | 53.0          | 9/19         | 3.0          | 43               | 1.0             | 57.1          | 9/24         | 3.0          | 42               | 1.0             |               |              |                 |
| S 56A.....                | 45.5          | 9/19         | 2.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 56.....                 | 50.6          | 9/15         | 2.7          | 42               | 1.0             | 51.7          | 9/25         | 2.7          | 44               | 1.0             |               |              |                 |
| S 60C.....                | 51.6          | 9/13         | 2.5          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISLER                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| TRISOY 301.....           | 49.9          | 9/16         | 2.7          | 48               | 1.0             | 54.2          | 9/26         | 3.2          | 48               | 1.0             |               |              |                 |
| TRISOY 302.....           | 51.1          | 9/18         | 2.5          | 45               | 1.0             | 49.2          | 9/26         | 2.8          | 48               | 1.0             |               |              |                 |
| TRISOY 322.....           | 52.1          | 9/14         | 2.7          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VORIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EXP. 0120.....            | 43.1          | 9/27         | 2.8          | 54               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WILKEN BRAND              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3450.....                 | 50.3          | 9/12         | 3.0          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 49.8          | ..           | 2.7          | 44               | 1.0             | 51.2          | ..           | 3.0          | 45               | 1.0             | 38.8          | 1.3          | 4.5             |
| L.S.D. 10% LEVEL.....     | 4.1           | ..           | 0.4          | 3                | ..              | 7.1           | ..           | 0.5          | 4                | ..              | 4.8           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 2.6           | ..           | 0.2          | 2                | ..              | 4.5           | ..           | 0.3          | 2                | ..              | 3.0           | ..           | ..              |
| STD ERR OF MEAN.....      | 1.7           | ..           | 0.2          | 1                | 0.0             | 3.0           | ..           | 0.2          | 2                | 0.0             | 2.1           | ..           | ..              |
| Maturity Group IV         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIGENETICS              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 4101A.....                | 52.7          | 09/29        | 2.5          | 51               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 4105A.....                | 35.2          | 09/27        | 2.7          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 64.....                   | 48.4          | 9/28         | 3.0          | 51               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AMERICANA                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CONCORD.....              | 48.2          | 9/28         | 2.8          | 48               | 1.0             | 45.5          | 10/01        | 3.5          | 50               | 1.0             | 37.4          | 1.2          | 1.0             |
| GEO. KELLER & SONS CO.    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| K-914.....                | 45.9          | 10/04        | 3.2          | 48               | 1.0             | 46.2          | 10/05        | 3.5          | 51               | 1.0             |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 43.....                   | 52.9          | 9/28         | 2.7          | 46               | 1.0             | 48.1          | 10/01        | 3.3          | 43               | 1.0             | 38.1          | 1.8          | 2.0             |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CARSON.....               | 43.5          | 10/02        | 3.3          | 49               | 1.0             | 44.1          | 10/05        | 3.2          | 55               | 1.0             |               |              |                 |
| EX 4290.....              | 49.5          | 10/01        | 2.5          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CLEVELAND.....            | 44.4          | 9/28         | 2.7          | 44               | 1.0             | 49.0          | 10/03        | 3.2          | 51               | 1.0             | 33.6          | 1.2          | 2.0             |
| RICHMOND.....             | 43.6          | 9/29         | 2.7          | 49               | 1.0             | 43.8          | 10/05        | 3.3          | 50               | 1.0             | 25.7          | 1.3          | 2.0             |
| MIDWEST OILSEEDS          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 4310.....                 | 50.3          | 9/30         | 2.5          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP4800.....               | 35.8          | 9/26         | 3.5          | 39               | 1.0             | 43.7          | 10/05        | 2.7          | 44               | 1.0             |               |              |                 |
| NORTHROP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S40-44.....               | 51.3          | 9/27         | 2.2          | 42               | 1.0             | 44.4          | 9/30         | 1.8          | 49               | 1.0             |               |              |                 |
| 708182.....               | 45.4          | 10/02        | 2.8          | 51               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DE SOTO.....              | 49.6          | 9/29         | 3.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FRANKLIN.....             | 34.4          | 9/29         | 2.8          | 49               | 1.0             | 36.7          | 10/04        | 3.5          | 49               | 1.0             | 25.7          | 1.3          | 2.0             |
| LAWRENCE.....             | 47.9          | 9/27         | 2.2          | 43               | 1.0             | 41.3          | 10/03        | 2.3          | 39               | 1.0             |               |              |                 |
| PIXIE.....                | 58.8          | 9/30         | 1.5          | 23               | 1.0             | 50.7          | 10/04        | 1.3          | 31               | 1.0             | 44.5          | 1.1          | 1.0             |
| UNION.....                | 50.0          | 9/28         | 2.8          | 52               | 1.0             | 44.8          | 10/02        | 3.7          | 50               | 1.0             | 33.3          | 1.3          | 1.0             |
| RING AROUND               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RAX-95.....               | 51.2          | 9/16         | 2.7          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RAX-96.....               | 39.0          | 9/22         | 3.3          | 55               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2024.....                 | 53.5          | 9/28         | 2.5          | 49               | 1.0             | 50.2          | 9/26         | 2.8          | 49               | 1.0             |               |              |                 |
| 2025.....                 | 47.5          | 9/27         | 3.2          | 50               | 1.0             | 41.1          | 9/26         | 3.0          | 52               | 1.0             | 31.7          | 1.1          | 1.0             |
| VORIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 465.....                  | 44.5          | 9/22         | 3.2          | 51               | 1.0             | 46.0          | 10/03        | 3.2          | 47               | 1.0             |               |              |                 |
| AVERAGE.....              | 46.8          | ..           | 2.8          | 47               | 1.0             | 45.2          | ..           | 3.0          | 48               | 1.0             | 33.8          | 1.3          | 1.4             |
| L.S.D. 10% LEVEL.....     | 6.5           | ..           | 0.3          | 3                | ..              | 4.4           | ..           | 0.5          | 9                | ..              | 4.9           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 4.0           | ..           | 0.2          | 2                | ..              | 2.7           | ..           | 0.3          | 6                | ..              | 3.1           | ..           | ..              |
| STD ERR OF MEAN.....      | 2.7           | ..           | 0.1          | 1                | 0.0             | 1.8           | ..           | 0.2          | 4                | 0.0             | 2.1           | ..           | ..              |



Soybean Variety Trial Results  
**URBANA (7-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND         | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|-----------------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                                   | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>MATURITY GROUP I</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>GOLD TAG</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1170.....                      | 52.2          | 9/08         | 3.7          | 43               | 1.0             | 70.8          | 9/10         | 2.3          | 42               | 1.0             |               |              |                 |
| <b>MATURITY GROUP II</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRIPRO</b>                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 240.....                       | 52.9          | 9/12         | 3.5          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>AGRO-SDY</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                           | 59.9          | 9/13         | 3.7          | 40               | 1.0             | 70.0          | 9/18         | 2.5          | 42               | 1.0             |               |              |                 |
| <b>AG-SEEDS</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 7250.....                         | 57.8          | 9/22         | 2.7          | 49               | 1.0             | 64.8          | 9/24         | 3.3          | 46               | 1.0             | 41.3          | 1.2          | 2.0             |
| <b>ASGROW</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A2575.....                        | 52.9          | 9/10         | 2.7          | 43               | 1.0             | 71.7          | 9/12         | 1.8          | 41               | 1.0             | 52.4          | 1.0          | 2.0             |
| A2858.....                        | 53.7          | 9/12         | 3.3          | 34               | 1.0             | 66.2          | 9/18         | 2.5          | 35               | 1.0             | 48.1          | 1.0          | 1.0             |
| <b>CALLAHAN</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 1250.....                         | 56.0          | 9/14         | 3.8          | 41               | 1.0             | 82.5          | 9/19         | 2.5          | 43               | 1.0             |               |              |                 |
| 9240R.....                        | 52.2          | 9/10         | 2.8          | 40               | 1.0             | 76.3          | 9/18         | 2.8          | 40               | 1.0             |               |              |                 |
| <b>CFS</b>                        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 23.....                           | 53.4          | 9/13         | 4.2          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>DAIRYLAND</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-212.....                      | 52.6          | 9/09         | 2.8          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-227.....                      | 50.3          | 9/12         | 2.8          | 42               | 1.0             | 74.4          | 9/20         | 2.7          | 47               | 1.0             |               |              |                 |
| DSR-232.....                      | 53.0          | 9/13         | 3.2          | 44               | 1.0             | 64.2          | 9/18         | 3.2          | 46               | 1.0             |               |              |                 |
| 82-242.....                       | 54.0          | 9/14         | 3.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>DE SOY</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 700.....                          | 51.1          | 9/16         | 3.5          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 750.....                          | 54.6          | 9/14         | 3.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 777A.....                         | 57.5          | 9/15         | 3.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 808.....                          | 58.9          | 9/14         | 3.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>DIENER BROS.</b>               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DB210.....                        | 53.5          | 9/12         | 2.8          | 41               | 1.0             | 69.5          | 9/17         | 1.8          | 42               | 1.0             |               |              |                 |
| DB28.....                         | 53.9          | 9/12         | 3.7          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>FS HISOY</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 235.....                       | 57.2          | 9/12         | 3.5          | 42               | 1.0             | 68.6          | 9/17         | 2.9          | 43               | 1.0             |               |              |                 |
| HS 265.....                       | 52.1          | 9/14         | 2.0          | 36               | 1.0             | 70.4          | 9/20         | 1.8          | 39               | 1.0             | 51.7          | 1.0          | 1.0             |
| 226.....                          | 57.5          | 9/11         | 3.2          | 41               | 1.0             | 72.6          | 9/13         | 2.1          | 38               | 1.0             |               |              |                 |
| 280.....                          | 59.5          | 9/15         | 3.3          | 42               | 1.0             | 60.6          | 9/19         | 3.0          | 39               | 1.0             | 51.8          | 1.1          | 1.0             |
| <b>FULVAR</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 241.....                          | 50.1          | 9/12         | 3.0          | 44               | 1.0             | 71.0          | 9/17         | 2.3          | 45               | 1.0             |               |              |                 |
| 261.....                          | 52.2          | 9/15         | 3.0          | 45               | 1.0             | 68.9          | 9/19         | 2.2          | 44               | 1.0             |               |              |                 |
| <b>FUNK</b>                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3236.....                       | 49.3          | 9/11         | 3.7          | 39               | 1.0             | 59.6          | 9/18         | 2.5          | 37               | 1.0             | 47.5          | 1.0          | 1.0             |
| 12155.....                        | 55.8          | 9/14         | 3.3          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>FURROW SEED CO.</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| ST 215.....                       | 54.6          | 9/12         | 2.8          | 40               | 1.0             | 71.1          | 9/16         | 2.7          | 44               | 1.0             |               |              |                 |
| ST 259.....                       | 51.8          | 9/10         | 4.2          | 42               | 1.0             | 62.5          | 9/16         | 2.8          | 47               | 1.0             | 46.9          | 1.0          | 1.0             |
| ST 271.....                       | 61.4          | 9/14         | 3.5          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>GEO. KELLER &amp; SONS CO.</b> |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| K-916.....                        | 55.6          | 9/14         | 3.5          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>GOLD TAG</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BRAND 1270.....                   | 60.4          | 9/14         | 3.7          | 40               | 1.0             | 76.1          | 9/18         | 2.2          | 41               | 1.0             |               |              |                 |
| GT 1250.....                      | 49.5          | 9/10         | 3.5          | 43               | 1.0             | 69.6          | 9/17         | 2.0          | 40               | 1.0             |               |              |                 |
| <b>HOBLIT</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BOUNTY.....                       | 58.1          | 9/13         | 4.0          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>J M SCHULTZ</b>                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 2382.....                     | 56.0          | 9/15         | 3.8          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHAWNEE II.....                   | 51.8          | 9/11         | 2.7          | 41               | 1.0             | 69.6          | 9/15         | 2.3          | 40               | 1.0             | 42.2          | 1.0          | 2.0             |
| SHAWNEE.....                      | 50.5          | 9/11         | 4.0          | 41               | 1.0             | 65.2          | 9/17         | 3.6          | 43               | 1.0             | 45.6          | 1.1          | 1.0             |
| <b>KITCHEN</b>                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 180.....                      | 52.8          | 9/09         | 2.3          | 39               | 1.0             | 64.9          | 9/13         | 2.3          | 41               | 1.0             |               |              |                 |
| <b>KRUGER</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KB-252.....                       | 55.3          | 9/15         | 3.3          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| K-2120.....                       | 55.9          | 9/13         | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| K-2199.....                       | 59.4          | 9/15         | 3.0          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>LANDERS</b>                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2908.....                         | 57.9          | 9/15         | 3.5          | 39               | 1.0             | 65.1          | 9/18         | 2.7          | 43               | 1.0             |               |              |                 |
| <b>MASCO</b>                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 8133.....                         | 50.4          | 9/10         | 3.5          | 41               | 1.0             | 63.1          | 9/13         | 2.5          | 42               | 1.0             |               |              |                 |
| 82-2.....                         | 51.4          | 9/12         | 2.7          | 44               | 1.0             | 73.2          | 9/17         | 2.5          | 43               | 1.0             |               |              |                 |
| <b>MC CUBBIN</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SHILOH.....                       | 50.6          | 9/12         | 2.8          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 1X-124.....                       | 58.4          | 9/13         | 3.5          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MC CURDY</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 102+.....                         | 50.8          | 9/08         | 4.2          | 40               | 1.0             | 61.8          | 9/12         | 2.8          | 39               | 1.0             |               |              |                 |

URBANA (7-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CHEYENNE II.....          | 60.0          | 9/14         | 3.2          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SAUK.....                 | 51.4          | 9/13         | 3.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHAWNEE II.....           | 51.0          | 9/10         | 3.0          | 42               | 1.0             | 71.9          | 9/17         | 2.3          | 43               | 1.0             | 46.9          | 1.0 2.0      |                 |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP2530.....               | 60.8          | 9/11         | 2.5          | 37               | 1.0             | 74.3          | 9/17         | 2.9          | 36               | 1.0             | 44.9          | 1.0 2.0      |                 |
| NOBLE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| NB 2100.....              | 52.9          | 9/10         | 3.0          | 45               | 1.0             | 66.1          | 9/15         | 2.3          | 44               | 1.0             |               |              |                 |
| NB 2600.....              | 52.6          | 9/11         | 2.5          | 41               | 1.0             | 76.5          | 9/17         | 2.3          | 42               | 1.0             |               |              |                 |
| NORTHRUP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV24-59.....              | 56.3          | 9/09         | 2.8          | 41               | 1.0             | 74.2          | 9/15         | 2.7          | 41               | 1.0             |               |              |                 |
| S1492.....                | 52.6          | 9/11         | 3.2          | 39               | 1.0             | 72.9          | 9/14         | 2.8          | 40               | 1.0             | 46.5          | 1.0 2.0      |                 |
| S2596.....                | 53.4          | 9/10         | 2.3          | 39               | 1.0             | 70.2          | 9/14         | 1.8          | 38               | 1.0             | 47.8          | 1.0 1.0      |                 |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EC312.....                | 53.0          | 9/13         | 3.8          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AMSOY 71.....             | 50.3          | 9/10         | 4.3          | 42               | 1.0             | 57.9          | 9/15         | 2.5          | 46               | 1.0             | 44.6          | 1.0 2.0      |                 |
| BEESON 80.....            | 50.1          | 9/11         | 3.7          | 40               | 1.0             | 60.3          | 9/16         | 2.5          | 35               | 1.0             | 46.7          | 1.0 2.0      |                 |
| BSR 201.....              | 57.9          | 9/13         | 3.2          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CENTURY.....              | 50.5          | 9/11         | 2.8          | 43               | 1.0             | 65.5          | 9/16         | 2.3          | 42               | 1.0             | 43.7          | 1.0 2.0      |                 |
| CORSOY 79.....            | 51.5          | 9/07         | 4.0          | 41               | 1.0             | 63.9          | 9/12         | 3.1          | 43               | 1.0             | 47.8          | 1.1 1.0      |                 |
| GNDME.....                | 47.7          | 9/14         | 1.0          | 20               | 1.0             | 67.9          | 9/26         | 1.0          | 22               | 1.0             | 41.0          | 1.0 1.0      |                 |
| WELLS II.....             | 51.5          | 9/10         | 3.2          | 40               | 1.0             | 63.3          | 9/13         | 2.0          | 43               | 1.0             | 41.9          | 1.0 2.0      |                 |
| SRF                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 205.....                  | 51.9          | 9/11         | 4.2          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 250.....                  | 52.1          | 9/14         | 2.0          | 40               | 1.0             | 70.7          | 9/21         | 1.8          | 45               | 1.0             | 44.6          | 1.0 2.0      |                 |
| SUPERSOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 450.....                  | 54.8          | 9/16         | 3.2          | 41               | 1.0             | 68.1          | 9/20         | 2.5          | 44               | 1.0             |               |              |                 |
| 455.....                  | 49.7          | 9/14         | 2.5          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S BRAND                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 46C.....                | 58.7          | 9/13         | 3.2          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 47B.....                | 60.7          | 9/16         | 3.5          | 42               | 1.0             | 79.7          | 9/20         | 2.5          | 41               | 1.0             |               |              |                 |
| S 47C.....                | 53.0          | 9/03         | 3.5          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISLER                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| TRISOY 201.....           | 55.7          | 9/10         | 3.0          | 42               | 1.0             | 67.9          | 9/14         | 2.8          | 45               | 1.0             | 43.7          | 1.0 1.0      |                 |
| TRISOY 211.....           | 57.4          | 9/13         | 3.8          | 39               | 1.0             | 70.7          | 9/19         | 2.7          | 38               | 1.0             |               |              |                 |
| TRISOY 215.....           | 48.2          | 9/14         | 3.3          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VORIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 247.....                  | 51.4          | 9/09         | 2.5          | 39               | 1.0             | 69.2          | 9/15         | 1.7          | 43               | 1.0             | 40.3          | 1.0 2.0      |                 |
| 285.....                  | 57.0          | 9/22         | 2.8          | 48               | 1.0             |               |              |              |                  |                 | 43.7          | 1.0 1.0      |                 |
| AVERAGE (GROUPS I & II).. | 54.1          | ..           | 3.2          | 41               | 1.0             | 67.9          | ..           | 2.5          | 41               | 1.0             | 45.7          | 1.0 1.6      |                 |
| L.S.D. 10% LEVEL.....     | 4.9           | ..           | 0.5          | 3                | ..              | 8.0           | ..           | 0.6          | 4                | ..              | 6.0           | .. ..        |                 |
| L.S.D. 30% LEVEL.....     | 3.1           | ..           | 0.3          | 2                | ..              | 5.0           | ..           | 0.4          | 2                | ..              | 3.8           | .. ..        |                 |
| STD ERR OF MEAN.....      | 2.1           | ..           | 0.2          | 1                | 0.0             | 3.4           | ..           | 0.3          | 2                | 0.0             | 2.6           | .. ..        |                 |
| MATURITY GROUP III        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 250.....               | 62.9          | 9/16         | 2.5          | 46               | 1.0             | 56.7          | 9/24         | 3.2          | 47               | 1.0             | 42.9          | 1.0 2.0      |                 |
| 25.....                   | 54.8          | 9/14         | 2.5          | 43               | 1.0             | 55.1          | 9/25         | 3.0          | 48               | 1.0             | 42.6          | 1.0 1.0      |                 |
| 26.....                   | 55.0          | 9/21         | 2.8          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 27.....                   | 61.8          | 9/17         | 3.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 38.....                   | 57.6          | 9/15         | 3.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 46.....                   | 59.1          | 9/18         | 3.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AG-SEEDS                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KING.....                 | 51.0          | 9/27         | 2.8          | 46               | 1.0             | 56.1          | 9/27         | 3.5          | 48               | 1.0             | 38.7          | 1.1 2.0      |                 |
| AMERICANA                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RAELYN.....               | 53.0          | 9/19         | 3.7          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| REBEL.....                | 47.8          | 9/26         | 4.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| ASGROW                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A3127.....                | 64.0          | 9/17         | 2.3          | 40               | 1.0             | 73.9          | 9/26         | 2.7          | 41               | 1.0             | 52.1          | 1.0 1.0      |                 |
| A3659.....                | 56.5          | 9/24         | 1.7          | 38               | 1.0             | 58.6          | 9/26         | 2.8          | 42               | 1.0             | 50.4          | 1.0 1.0      |                 |
| BERGMANN-TAYLOR           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BT 330.....               | 53.7          | 9/18         | 3.0          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 380.....               | 45.6          | 9/28         | 3.0          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 390.....               | 58.8          | 9/29         | 3.0          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CALLAHAN                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3310.....                 | 58.9          | 9/17         | 3.3          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CFS                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 34.....                   | 52.6          | 9/19         | 2.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-303.....              | 48.5          | 9/17         | 3.3          | 44               | 1.0             | 58.5          | 9/26         | 4.2          | 52               | 1.0             |               |              |                 |
| DSR-312.....              | 51.5          | 9/16         | 3.3          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-320.....              | 56.6          | 9/30         | 2.7          | 44               | 1.0             | 60.9          | 9/26         | 3.5          | 44               | 1.0             |               |              |                 |
| DSR-352.....              | 45.0          | 9/26         | 3.8          | 39               | 1.0             | 61.6          | 10/01        | 4.0          | 44               | 1.0             |               |              |                 |
| DE SOY                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 875.....                  | 59.7          | 9/20         | 3.2          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |

URBANA (7-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| ELITE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 242.....                  | 54.0          | 9/15         | 2.7          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 342.....                  | 52.0          | 9/24         | 3.0          | 52               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 382.....                  | 54.5          | 9/14         | 3.2          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 320.....               | 54.6          | 9/18         | 3.2          | 46               | 1.0             | 64.6          | 9/25         | 4.2          | 55               | 1.0             |               |              |                 |
| HS 322.....               | 55.4          | 9/18         | 3.3          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 350.....                  | 62.8          | 9/26         | 2.5          | 46               | 1.0             | 57.3          | 9/30         | 3.7          | 48               | 1.0             | 42.5          | 1.0          | 2.0             |
| FULVAR                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 331.....                  | 61.0          | 9/18         | 2.7          | 46               | 1.0             | 61.7          | 9/26         | 4.0          | 46               | 1.0             |               |              |                 |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3340.....               | 48.7          | 9/15         | 3.5          | 42               | 1.0             | 56.7          | 9/24         | 4.3          | 51               | 1.0             | 43.8          | 1.2          | 1.0             |
| 12172.....                | 44.5          | 9/13         | 3.5          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GEO. KELLER & SONS CO.    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GRANT.....                | 59.3          | 9/19         | 2.8          | 45               | 1.0             | 57.9          | 9/25         | 4.2          | 52               | 1.0             |               |              |                 |
| K-917.....                | 53.4          | 9/15         | 3.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| JACQUES                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| J 110 EXP.....            | 54.0          | 9/19         | 3.3          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....             | 56.3          | 9/19         | 3.3          | 44               | 1.0             | 64.3          | 9/26         | 3.7          | 48               | 1.0             |               |              |                 |
| WASHINGTON S.....         | 53.7          | 9/16         | 3.0          | 39               | 1.0             | 58.4          | 9/26         | 4.0          | 51               | 1.0             |               |              |                 |
| KITCHEN                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 380.....              | 58.6          | 9/20         | 3.0          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LANDERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3912.....                 | 57.6          | 9/28         | 3.0          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 32A.....                  | 55.5          | 9/14         | 3.3          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MASCO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DYNAMO-82.....            | 56.0          | 9/18         | 3.0          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 422.....                  | 51.0          | 9/22         | 3.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 8156.....                 | 53.4          | 9/28         | 3.0          | 40               | 1.0             | 47.4          | 9/26         | 3.8          | 49               | 1.0             |               |              |                 |
| 82-3.....                 | 54.6          | 9/13         | 3.0          | 45               | 1.0             | 64.5          | 9/29         | 3.7          | 51               | 1.0             |               |              |                 |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| LEO II.....               | 60.9          | 9/18         | 2.8          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TROY II.....              | 56.8          | 9/17         | 3.0          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MC CURDY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 109+.....                 | 51.2          | 9/22         | 3.2          | 45               | 1.0             | 60.7          | 9/26         | 3.7          | 58               | 1.0             |               |              |                 |
| 385B.....                 | 55.6          | 9/17         | 3.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JEFFERSON III.....        | 58.8          | 9/18         | 3.5          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| JEFFERSON II.....         | 58.2          | 9/21         | 2.8          | 46               | 1.0             | 57.8          | 9/25         | 4.2          | 47               | 1.0             | 45.8          | 1.0          | 2.0             |
| KENNEDY.....              | 57.5          | 9/15         | 3.0          | 44               | 1.0             | 59.0          | 9/25         | 3.7          | 46               | 1.0             | 41.0          | 1.0          | 1.0             |
| TRUMAN II.....            | 56.4          | 9/18         | 3.0          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON V.....         | 56.7          | 9/19         | 3.2          | 48               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 1051.....              | 55.1          | 9/12         | 3.5          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HP3700.....               | 55.7          | 9/23         | 2.7          | 44               | 1.0             | 65.1          | 9/27         | 3.2          | 45               | 1.0             |               |              |                 |
| NOBLE                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| NB 3131.....              | 56.2          | 9/17         | 3.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NORTHROP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 729178.....               | 60.2          | 10/02        | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX321.....                | 44.1          | 9/15         | 3.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CX380.....                | 54.9          | 9/23         | 2.8          | 45               | 1.0             |               |              |              |                  |                 | 43.3          | 1.0          | 1.0             |
| EC1147.....               | 58.7          | 9/22         | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 56.5          | 9/17         | 3.5          | 41               | 1.0             | 64.0          | 9/26         | 3.7          | 47               | 1.0             | 44.0          | 1.1          | 1.0             |
| ELF.....                  | 50.7          | 9/29         | 1.0          | 23               | 1.0             | 59.4          | 9/27         | 1.5          | 21               | 1.0             | 47.8          | 1.0          | 1.0             |
| FAYETTE.....              | 60.3          | 9/27         | 2.5          | 47               | 1.0             | 58.2          | 9/27         | 3.7          | 52               | 1.0             |               |              |                 |
| HOBBIT.....               | 53.7          | 9/16         | 1.3          | 21               | 1.0             | 69.1          | 9/26         | 1.7          | 28               | 1.0             |               |              |                 |
| PELLA.....                | 59.4          | 9/14         | 2.5          | 44               | 1.0             | 63.2          | 9/24         | 3.0          | 49               | 1.0             | 43.2          | 1.0          | 1.0             |
| SPRITE.....               | 49.4          | 9/16         | 1.3          | 21               | 1.0             | 63.5          | 9/26         | 1.7          | 22               | 1.0             | 44.5          | 1.0          | 1.0             |
| WILLIAMS 79.....          | 58.1          | 9/25         | 2.7          | 46               | 1.0             | 55.3          | 9/28         | 3.5          | 49               | 1.0             | 43.5          | 1.1          | 1.0             |
| WILLIAMS 82.....          | 52.3          | 9/27         | 3.0          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WILL.....                 | 51.2          | 9/17         | 3.3          | 38               | 1.0             | 53.1          | 9/26         | 3.3          | 40               | 1.0             | 41.5          | 1.0          | 1.0             |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 202R.....                 | 53.0          | 9/21         | 2.7          | 45               | 1.0             | 61.2          | 9/26         | 3.2          | 47               | 1.0             |               |              |                 |
| SUPERSOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 470.....                  | 49.2          | 9/29         | 3.0          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S BRAND                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 52A.....                | 59.5          | 9/19         | 3.3          | 41               | 1.0             | 58.1          | 9/28         | 4.0          | 49               | 1.0             |               |              |                 |
| S 56A.....                | 58.7          | 9/19         | 2.8          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 56.....                 | 57.3          | 9/17         | 3.5          | 44               | 1.0             | 58.8          | 9/27         | 3.7          | 48               | 1.0             |               |              |                 |
| S 60C.....                | 54.0          | 9/16         | 3.0          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISLER                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| TRISOY 301.....           | 50.3          | 9/18         | 3.3          | 45               | 1.0             | 68.1          | 9/28         | 3.8          | 50               | 1.0             | 43.0          | 1.1          | 2.0             |
| TRISOY 302.....           | 54.3          | 9/19         | 2.8          | 45               | 1.0             |               |              |              |                  |                 | 39.6          | 1.0          | 2.0             |
| TRISOY 322.....           | 57.7          | 9/16         | 4.4          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 55.1          | ..           | 3.0          | 43               | 1.0             | 60.3          | ..           | 3.6          | 47               | 1.0             | 42.8          | 1.1          | 1.4             |
| L.S.D. 10% LEVEL.....     | 5.5           | ..           | 0.6          | 3                | ..              | 6.7           | ..           | 0.4          | 7                | ..              | 4.7           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 3.4           | ..           | 0.4          | 2                | ..              | 4.2           | ..           | 0.3          | 4                | ..              | 2.9           | ..           | ..              |
| STD ERR OF MEAN.....      | 2.3           | ..           | 0.2          | 1                | 0.0             | 2.9           | ..           | 0.2          | 3                | 0.0             | 2.0           | ..           | ..              |

URBANA (7-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| MATURITY GROUP IV         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 64.....                   | 55.3          | 10/01        | 2.8          | 50               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GEO. KELLER & SONS CO.    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| K-914.....                | 49.7          | 10/03        | 3.3          | 51               | 1.0             | 58.1          | 10/08        | 3.8          | 53               | 1.0             |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CLEVELAND.....            | 50.9          | 10/02        | 2.8          | 50               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RICHMOND.....             | 51.7          | 10/01        | 3.2          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NORTHROP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S40-44.....               | 49.8          | 9/28         | 2.2          | 41               | 1.0             | 52.1          | 10/01        | 2.8          | 46               | 1.0             |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DE SOTO.....              | 52.0          | 9/28         | 2.5          | 45               | 1.0             | 58.9          | 10/04        | 3.5          | 52               | 1.0             |               |              |                 |
| FRANKLIN.....             | 47.5          | 9/28         | 2.5          | 46               | 1.0             | 41.7          | 10/03        | 4.0          | 48               | 1.0             | 26.8          | 1.2          | 1.0             |
| LAWRENCE.....             | 48.2          | 9/29         | 2.8          | 47               | 1.0             | 59.3          | 10/04        | 3.0          | 46               | 1.0             |               |              |                 |
| PIXIE.....                | 63.5          | 9/30         | 1.2          | 26               | 1.0             | 63.3          | 9/30         | 1.5          | 28               | 1.0             | 54.8          | 1.0          | 1.0             |
| UNION.....                | 55.4          | 9/28         | 2.7          | 52               | 1.0             | 57.6          | 10/02        | 3.8          | 52               | 1.0             | 46.1          | 1.2          | 1.0             |
| AVERAGE.....              | 52.4          | ..           | 2.6          | 46               | 1.0             | 56.1          | ..           | 3.3          | 47               | 1.0             | 42.0          | 1.2          | 1.0             |
| L.S.D. 10% LEVEL.....     | ..            | ..           | 0.8          | 5                | ..              | 6.5           | ..           | 0.4          | 10               | ..              | 5.7           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | ..            | ..           | 0.5          | 3                | ..              | 4.0           | ..           | 0.2          | 6                | ..              | 3.5           | ..           | ..              |
| STD ERR OF MEAN.....      | 4.0           | ..           | 0.3          | 2                | 0.0             | 2.6           | ..           | 0.2          | 4                | 0.0             | 2.3           | ..           | ..              |

Soybean Variety Trial Results  
PERRY (30-INCH ROW SPACING)

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| MATURITY GROUP II         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                   | 48.7          | 9/12         | 1.8          | 39               | 1.0             | 38.8          | 9/23         | 1.3          | 33               | 1.0             |               |              |                 |
| DAIRYLAND                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-212.....              | 40.2          | 9/05         | 1.3          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-227.....              | 51.4          | 9/08         | 2.0          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-232.....              | 41.9          | 9/08         | 1.3          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 82-242.....               | 49.4          | 9/08         | 1.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DUESTERHAUS               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| L 12.....                 | 48.5          | 9/08         | 1.5          | 36               | 1.0             | 38.6          | 9/23         | 1.5          | 34               | 1.0             |               |              |                 |
| GEO. KELLER & SONS CO.    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| K-916.....                | 48.1          | 9/10         | 1.5          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KITCHEN                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 190.....              | 48.8          | 9/12         | 2.2          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LANDERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2908.....                 | 48.2          | 9/12         | 1.7          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SHILOH.....               | 44.7          | 9/05         | 1.5          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 1X-124.....               | 46.1          | 9/28         | 1.3          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CHEYENNE II.....          | 52.2          | 9/08         | 1.3          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SAUK.....                 | 50.1          | 9/08         | 1.5          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHAWNEE II.....           | 49.5          | 9/06         | 1.5          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP2530.....               | 48.0          | 9/16         | 1.3          | 29               | 1.0             | 45.7          | 9/23         | 1.5          | 38               | 1.0             |               |              |                 |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EC312.....                | 45.0          | 9/06         | 1.5          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AMSOY 71.....             | 42.7          | 9/08         | 1.5          | 43               | 1.0             | 34.1          | 9/23         | 1.7          | 42               | 1.0             |               |              |                 |
| BEESON 80.....            | 44.4          | 9/08         | 1.3          | 36               | 1.0             | 38.5          | 9/23         | 1.3          | 36               | 1.0             |               |              |                 |
| CENTURY.....              | 45.6          | 9/06         | 1.3          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GNOME.....                | 48.2          | 9/16         | 1.5          | 22               | 1.0             |               |              |              |                  |                 |               |              |                 |

**PERRY (30-INCH ROW SPACING), continued**

| BRAND<br>VARIETY OR BLEND         | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|-----------------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                                   | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>RING AROUND</b>                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RA-203.....                       | 43.7          | 9/08         | 2.2          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>RIVERSIDE</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 303A.....                         | 35.6          | 9/06         | 1.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 4042.....                         | 37.7          | 9/10         | 2.0          | 39               | 1.0             | 33.2          | 9/23         | 1.3          | 38               | 1.0             | 18.1          | 1.4 1.0      |                 |
| 4044.....                         | 41.0          | 9/10         | 2.0          | 42               | 1.0             | 38.9          | 9/23         | 1.8          | 37               | 1.0             |               |              |                 |
| <b>SHISSLER</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GR8-263.....                      | 45.9          | 9/06         | 1.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GR8-265.....                      | 44.8          | 9/06         | 1.7          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>S BRAND</b>                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 46C.....                        | 47.8          | 9/08         | 1.8          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 47B.....                        | 52.7          | 9/14         | 1.5          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 47C.....                        | 52.6          | 9/10         | 1.8          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....                      | 46.4          | ..           | 1.6          | 37               | 1.0             | 37.8          | ..           | 1.6          | 36               | 1.0             | 19.5          | 1.4 1.0      |                 |
| L.S.D. 10% LEVEL.....             | 6.1           | ..           | 0.4          | 4                | ..              | ..            | ..           | 0.5          | 4                | ..              | 2.4           | .. ..        |                 |
| L.S.D. 30% LEVEL.....             | 3.8           | ..           | 0.3          | 2                | ..              | ..            | ..           | 0.3          | 2                | ..              | 1.5           | .. ..        |                 |
| STD ERR OF MEAN.....              | 2.6           | ..           | 0.2          | 2                | 0.0             | 2.6           | ..           | 0.2          | 2                | 0.0             | 1.0           | .. ..        |                 |
| <b>MATURITY GROUP III</b>         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRO-SOY</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 46.....                           | 57.0          | 9/16         | 1.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>AG-SEEDS</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KING.....                         | 51.4          | 9/21         | 1.2          | 43               | 1.0             | 51.1          | 9/30         | 1.7          | 42               | 1.0             | 27.9          | 1.2 1.0      |                 |
| <b>ASGROW</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A3127.....                        | 55.2          | 9/08         | 1.2          | 41               | 1.0             | 47.8          | 9/23         | 1.2          | 34               | 1.0             | 28.4          | 1.0 1.0      |                 |
| A3659.....                        | 51.1          | 9/21         | 1.0          | 38               | 1.0             | 41.9          | 9/23         | 1.2          | 34               | 1.0             | 24.8          | 1.0 1.0      |                 |
| A3860.....                        | 52.8          | 9/24         | 1.7          | 39               | 1.0             | 41.6          | 9/26         | 1.5          | 42               | 1.0             | 29.3          | 1.1 1.0      |                 |
| <b>DAIRYLAND</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DSR-303.....                      | 50.4          | 9/10         | 2.2          | 41               | 1.0             | 41.6          | 9/23         | 2.0          | 41               | 1.0             |               |              |                 |
| DSR-312.....                      | 51.2          | 9/06         | 2.3          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DSR-320.....                      | 52.9          | 9/16         | 1.7          | 42               | 1.0             | 38.8          | 9/23         | 2.0          | 36               | 1.0             |               |              |                 |
| DSR-352.....                      | 58.3          | 9/24         | 2.0          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>DUESTERHAUS</b>                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| L 13.....                         | 54.6          | 9/10         | 2.0          | 45               | 1.0             | 54.8          | 9/23         | 2.5          | 42               | 1.0             |               |              |                 |
| <b>FS HISOY</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 320.....                       | 55.8          | 9/10         | 2.5          | 43               | 1.0             | 54.3          | 9/23         | 2.0          | 32               | 1.0             |               |              |                 |
| HS 322.....                       | 59.3          | 9/16         | 2.2          | 41               | 1.0             | 52.5          | 9/23         | 1.8          | 38               | 1.0             |               |              |                 |
| 350.....                          | 53.0          | 9/28         | 1.8          | 44               | 1.0             | 48.1          | 9/27         | 1.8          | 39               | 1.0             | 29.4          | 1.4 1.0      |                 |
| <b>FUNK</b>                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| G-3340.....                       | 50.5          | 9/06         | 2.2          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 12172.....                        | 52.0          | 9/06         | 2.2          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>GEO. KELLER &amp; SONS CO.</b> |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GRANT.....                        | 54.6          | 9/12         | 2.2          | 42               | 1.0             | 52.2          | 9/23         | 2.3          | 37               | 1.0             | 22.7          | 1.5 1.0      |                 |
| K-917.....                        | 52.9          | 9/08         | 2.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>J M SCHULTZ</b>                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....                     | 61.1          | 9/16         | 1.7          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON 5.....                 | 50.8          | 9/08         | 1.8          | 41               | 1.0             | 56.1          | 9/23         | 2.0          | 39               | 1.0             | 24.7          | 1.3 1.0      |                 |
| <b>KITCHEN</b>                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 380.....                      | 56.9          | 9/15         | 1.8          | 41               | 1.0             | 51.6          | 9/23         | 2.2          | 39               | 1.0             |               |              |                 |
| KSC 383.....                      | 57.2          | 9/24         | 2.5          | 41               | 1.0             | 51.1          | 9/23         | 2.0          | 36               | 1.0             |               |              |                 |
| <b>LANDERS</b>                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3912.....                         | 56.1          | 9/24         | 2.0          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>LEWIS</b>                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 31.....                           | 48.8          | 9/21         | 1.7          | 50               | 1.0             | 46.2          | 9/26         | 2.5          | 46               | 1.0             |               |              |                 |
| 37.....                           | 51.8          | 9/07         | 2.0          | 38               | 1.0             | 48.6          | 9/23         | 1.8          | 39               | 1.0             |               |              |                 |
| <b>MC CUBBIN</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| LEO II.....                       | 51.3          | 9/06         | 2.2          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TROY II.....                      | 56.2          | 9/16         | 1.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MERSCHMAN</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JEFFERSON III.....                | 57.2          | 9/08         | 2.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| JEFFERSON II.....                 | 52.4          | 9/10         | 1.9          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KENNEDY.....                      | 52.2          | 9/08         | 1.5          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRUMAN II.....                    | 55.7          | 9/15         | 1.7          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON V.....                 | 52.8          | 9/08         | 2.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MIGRO</b>                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 1051.....                      | 48.9          | 9/06         | 2.2          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HP3700.....                       | 52.3          | 9/28         | 1.7          | 43               | 1.0             | 43.2          | 9/26         | 1.5          | 38               | 1.0             |               |              |                 |
| <b>NAPB</b>                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 68225-32.....                  | 49.3          | 9/10         | 2.2          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>NORTHROP KING CO.</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV32-67.....                      | 50.4          | 9/16         | 2.3          | 42               | 1.0             | 41.7          | 9/23         | 2.2          | 39               | 1.0             |               |              |                 |
| <b>PFIZER GENETICS</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX321.....                        | 51.9          | 9/08         | 1.8          | 39               | 1.0             | 40.4          | 9/23         | 2.3          | 36               | 1.0             |               |              |                 |
| CX380.....                        | 49.0          | 9/21         | 1.3          | 41               | 1.0             | 48.0          | 9/23         | 1.7          | 38               | 1.0             | 30.1          | 1.2 1.0      |                 |
| EC1147.....                       | 59.3          | 9/16         | 1.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |

PERRY (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 58.1          | 9/21         | 2.2          | 40               | 1.0             | 46.2          | 9/23         | 1.7          | 39               | 1.0             | 26.0          | 1.3          | 1.0             |
| ELF.....                  | 49.3          | 10/02        | 1.5          | 22               | 1.0             | 48.5          | 9/30         | 1.0          | 17               | 1.0             | 22.5          | 1.0          | 1.0             |
| FAYETTE.....              | 53.0          | 9/24         | 2.0          | 44               | 1.0             | 43.0          | 10/01        | 2.2          | 41               | 1.0             |               |              |                 |
| HOBBIT.....               | 48.5          | 9/12         | 1.0          | 26               | 1.0             | 46.1          | 9/30         | 1.0          | 19               | 1.0             |               |              |                 |
| PELLA.....                | 51.8          | 9/06         | 1.7          | 41               | 1.0             | 47.0          | 9/23         | 1.5          | 39               | 1.0             | 26.4          | 1.2          | 1.0             |
| SPRITE.....               | 50.1          | 9/24         | 1.3          | 23               | 1.0             | 46.3          | 9/30         | 1.0          | 19               | 1.0             | 11.9          | 1.0          | 1.0             |
| WILLIAMS 79.....          | 51.0          | 9/21         | 1.7          | 43               | 1.0             | 45.0          | 9/23         | 2.0          | 38               | 1.0             | 24.0          | 1.2          | 1.0             |
| WILLIAMS 82.....          | 54.1          | 9/24         | 1.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| WILL.....                 | 45.9          | 9/15         | 1.5          | 36               | 1.0             | 49.1          | 9/23         | 1.5          | 31               | 1.0             | 19.7          | 1.0          | 1.0             |
| RIVERSIDE                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3033.....                 | 54.3          | 9/08         | 1.5          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SHISSLER                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GR8-366.....              | 48.5          | 9/06         | 2.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GR8-367.....              | 53.6          | 9/12         | 2.2          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S BRAND                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| S 52A.....                | 54.7          | 9/08         | 1.8          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 56A.....                | 57.6          | 9/21         | 2.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 56.....                 | 59.3          | 9/21         | 1.8          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S 60C.....                | 56.0          | 9/21         | 1.8          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISLER                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| TRISOY 301.....           | 55.3          | 9/12         | 2.0          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISOY 302.....           | 47.6          | 9/21         | 1.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TRISOY 322.....           | 55.4          | 9/10         | 2.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 53.3          | ..           | 1.8          | 40               | 1.0             | 47.2          | ..           | 1.9          | 37               | 1.0             | 25.6          | 1.3          | 1.0             |
| L.S.D. 10% LEVEL.....     | 4.9           | ..           | 0.5          | 3                | ..              | 5.0           | ..           | 0.5          | 5                | ..              | 4.9           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 3.1           | ..           | 0.3          | 2                | ..              | 3.2           | ..           | 0.3          | 3                | ..              | 3.0           | ..           | ..              |
| STD ERR OF MEAN.....      | 2.1           | ..           | 0.2          | 1                | 0.0             | 2.1           | ..           | 0.2          | 2                | 0.0             | 2.1           | ..           | ..              |
| MATURITY GROUP IV         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DUESTERHAUS               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| L 14.....                 | 59.1          | 10/02        | 1.5          | 46               | 1.0             | 50.2          | 9/30         | 2.0          | 41               | 1.0             |               |              |                 |
| GEO. KELLER & SONS CO.    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| K-914.....                | 60.9          | 10/12        | 2.3          | 52               | 1.0             | 54.6          | 9/26         | 2.2          | 43               | 1.0             |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 4982.....             | 59.4          | 10/12        | 2.2          | 51               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VICTOR.....               | 56.8          | 10/02        | 1.8          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 43.....                   | 62.3          | 10/02        | 1.8          | 44               | 1.0             | 49.1          | 9/28         | 2.3          | 40               | 1.0             |               |              |                 |
| 45.....                   | 56.8          | 10/12        | 2.0          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 46.....                   | 58.4          | 10/02        | 2.2          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MC CUBBIN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CARSON.....               | 58.5          | 10/12        | 2.5          | 50               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 4290.....              | 55.4          | 10/02        | 2.2          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CLEVELAND.....            | 54.1          | 9/28         | 1.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DALLAS.....               | 55.7          | 10/12        | 2.2          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RICHMOND.....             | 57.0          | 10/12        | 1.8          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MFA MOSDY                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| PV42.....                 | 57.6          | 10/02        | 1.7          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 480.....                  | 58.3          | 10/02        | 1.7          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MIDWEST OILSEEDS          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 4310.....                 | 57.3          | 9/24         | 2.2          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NORTHRUP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV95.....                 | 56.4          | 10/12        | 2.2          | 49               | 1.0             | 47.1          | 9/28         | 2.3          | 43               | 1.0             |               |              |                 |
| S40-44.....               | 49.2          | 9/21         | 1.0          | 41               | 1.0             | 49.4          | 9/27         | 1.5          | 38               | 1.0             |               |              |                 |
| 708182.....               | 59.6          | 10/02        | 1.8          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DE SOTO.....              | 53.9          | 10/02        | 2.0          | 44               | 1.0             | 45.0          | 9/30         | 2.2          | 41               | 1.0             | 34.7          | 1.4          | 1.0             |
| FRANKLIN.....             | 47.4          | 9/28         | 1.7          | 45               | 1.0             | 41.4          | 10/03        | 2.3          | 42               | 1.0             | 23.9          | 1.6          | 1.0             |
| LAWRENCE.....             | 58.0          | 9/28         | 1.3          | 41               | 1.0             | 48.6          | 9/28         | 1.5          | 39               | 1.0             |               |              |                 |
| PIXIE.....                | 58.2          | 10/06        | 1.5          | 24               | 1.0             | 47.9          | 9/30         | 1.0          | 18               | 1.0             | 20.9          | 1.0          | 1.0             |
| UNION.....                | 52.6          | 9/28         | 1.8          | 46               | 1.0             | 47.0          | 9/30         | 2.2          | 43               | 1.0             | 23.8          | 1.6          | 1.0             |
| AVERAGE.....              | 56.6          | ..           | 1.9          | 45               | 1.0             | 48.0          | ..           | 2.0          | 39               | 1.0             | 27.1          | 1.4          | 1.0             |
| L.S.D. 10% LEVEL.....     | 4.5           | ..           | 0.4          | 3                | ..              | ..            | ..           | 0.5          | 7                | ..              | 4.5           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 2.8           | ..           | 0.2          | 2                | ..              | ..            | ..           | 0.3          | 4                | ..              | 2.8           | ..           | ..              |
| STD ERR OF MEAN.....      | 1.9           | ..           | 0.2          | 1                | 0.0             | 2.4           | ..           | 0.2          | 2                | 0.0             | 1.9           | ..           | ..              |

Soybean Variety Trial Results  
**BROWNSTOWN (30-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND        | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|----------------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                                  | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>MATURITY GROUP II</b>         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>RING AROUND</b>               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RA-203.....                      | 37.6          | 9/06         | 3.0          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MATURITY GROUP III</b>        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRO-SOY</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 46.....                          | 48.6          | 9/07         | 2.2          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>AMERICANA</b>                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| REBEL.....                       | 49.8          | 9/13         | 2.2          | 37               | 1.0             | 52.6          | 9/27         | 1.5          | 31               | 1.0             |               |              |                 |
| <b>ASGROW</b>                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A3127.....                       | 39.7          | 9/09         | 1.3          | 32               | 1.0             | 46.4          | 9/18         | 1.0          | 28               | 1.0             | 28.7          | 1.0          | 1.0             |
| A3659.....                       | 48.5          | 9/11         | 1.3          | 37               | 1.0             | 41.2          | 9/24         | 1.0          | 27               | 1.0             | 29.9          | 1.0          | 1.0             |
| A3860.....                       | 46.2          | 9/15         | 1.5          | 37               | 1.0             | 45.7          | 9/25         | 1.0          | 27               | 1.0             | 26.4          | 1.2          | 1.0             |
| <b>BELLATTI</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SEEDMAKER 1E.....                | 40.6          | 9/06         | 3.5          | 41               | 1.0             | 39.7          | 9/24         | 2.0          | 37               | 1.0             | 24.7          | 1.4          | 1.0             |
| <b>BERGMANN-TAYLOR</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BT 330.....                      | 50.2          | 9/10         | 1.5          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 380.....                      | 46.8          | 9/16         | 2.5          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 390.....                      | 50.4          | 9/23         | 2.5          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>CALLAHAN</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3380.....                        | 50.4          | 9/18         | 2.3          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>COKER</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 393.....                         | 48.9          | 9/19         | 1.3          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>DIENER BROS.</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DB310.....                       | 41.5          | 9/03         | 2.8          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DB340.....                       | 44.6          | 9/11         | 2.3          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>FS HISOY</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 320.....                      | 43.4          | 9/07         | 2.3          | 39               | 1.0             | 37.9          | 9/12         | 1.2          | 33               | 1.0             |               |              |                 |
| HS 322.....                      | 50.2          | 9/06         | 2.5          | 39               | 1.0             | 46.4          | 9/18         | 1.2          | 30               | 1.0             |               |              |                 |
| HS 360.....                      | 52.0          | 9/20         | 2.8          | 41               | 1.0             | 63.3          | 9/30         | 1.3          | 37               | 1.0             |               |              |                 |
| 350.....                         | 48.5          | 9/18         | 2.2          | 40               | 1.0             | 45.0          | 9/26         | 1.2          | 34               | 1.0             | 38.7          | 1.2          | 1.0             |
| <b>FUNK</b>                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 12172.....                       | 46.2          | 9/05         | 2.5          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>GOLD TAG</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1380.....                     | 51.7          | 9/15         | 2.2          | 41               | 1.0             |               |              |              |                  |                 | 27.1          | 1.0          | 1.0             |
| <b>HOBBLIT</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SHILOH I.....                    | 50.2          | 9/14         | 2.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>J M SCHULTZ</b>               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....                    | 49.1          | 9/10         | 1.8          | 36               | 1.0             | 43.2          | 9/25         | 1.2          | 33               | 1.0             |               |              |                 |
| WASHINGTON 5.....                | 44.8          | 9/08         | 2.3          | 37               | 1.0             | 37.6          | 9/22         | 1.3          | 31               | 1.0             |               |              |                 |
| <b>KITCHEN</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 380.....                     | 50.3          | 9/09         | 2.5          | 40               | 1.0             | 45.0          | 9/22         | 1.0          | 30               | 1.0             |               |              |                 |
| KSC 383.....                     | 50.0          | 9/14         | 2.8          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>LANDERS</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3912.....                        | 50.7          | 9/15         | 3.2          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>LOWE SEED</b>                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 366.....                         | 47.3          | 9/06         | 2.7          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MC CURDY</b>                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 109+.....                        | 42.1          | 9/08         | 2.5          | 39               | 1.0             | 49.4          | 9/24         | 1.2          | 40               | 1.0             |               |              |                 |
| 308+.....                        | 44.5          | 9/07         | 2.5          | 44               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MERSCHMAN</b>                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KENNEDY.....                     | 39.6          | 9/03         | 3.0          | 35               | 1.0             | 47.3          | 9/21         | 1.3          | 33               | 1.0             | 31.9          | 1.2          | 1.0             |
| <b>MIGRO</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 1051.....                     | 41.4          | 9/01         | 2.3          | 38               | 2.0             |               |              |              |                  |                 |               |              |                 |
| HP3700.....                      | 46.0          | 9/09         | 1.8          | 40               | 1.0             | 49.2          | 9/27         | 1.5          | 34               | 1.0             |               |              |                 |
| <b>NAPB</b>                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 68225-40.....                 | 40.3          | 9/05         | 2.2          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 73030-32.....                 | 42.9          | 9/05         | 1.8          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>NORTHROP KING CO.</b>         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV32-67.....                     | 44.9          | 9/06         | 2.7          | 39               | 1.0             | 38.8          | 9/15         | 1.2          | 30               | 1.0             |               |              |                 |
| 367304.....                      | 49.5          | 9/07         | 2.3          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 729178.....                      | 43.7          | 9/06         | 2.2          | 39               | 1.3             |               |              |              |                  |                 |               |              |                 |
| <b>PAYMASTER</b>                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 351.....                         | 40.7          | 9/08         | 3.0          | 37               | 1.0             | 40.6          | 9/22         | 1.2          | 34               | 1.0             |               |              |                 |
| 401.....                         | 38.7          | 9/09         | 1.8          | 37               | 1.0             | 45.7          | 9/23         | 1.2          | 31               | 1.0             | 27.0          | 1.2          | 1.0             |
| <b>PFIZER GENETICS</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX321.....                       | 42.1          | 9/06         | 2.5          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CX380.....                       | 48.2          | 9/12         | 1.7          | 39               | 1.0             | 45.8          | 9/27         | 1.0          | 33               | 1.0             | 32.1          | 1.0          | 1.0             |
| EC1147.....                      | 51.0          | 9/08         | 2.5          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>PRAIRIE STATE COMMODITIES</b> |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| PSC 1403.....                    | 49.0          | 9/14         | 2.2          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PSC 1404.....                    | 48.0          | 9/20         | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |

**BROWNSTOWN (30-INCH ROW SPACING), continued**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>PUBLIC VARIETY</b>     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 44.5          | 9/08         | 2.3          | 37               | 1.0             | 45.7          | 9/23         | 1.0          | 29               | 1.0             | 26.9          | 1.1          | 1.0             |
| ELF.....                  | 43.9          | 9/15         | 1.0          | 17               | 1.0             | 43.8          | 9/25         | 1.0          | 19               | 1.0             |               |              |                 |
| FAYETTE.....              | 39.4          | 9/09         | 2.3          | 41               | 1.0             | 50.6          | 9/27         | 1.5          | 38               | 1.0             |               |              |                 |
| HOBBIT.....               | 37.6          | 9/03         | 1.0          | 19               | 1.0             | 43.3          | 9/15         | 1.0          | 20               | 1.0             |               |              |                 |
| PELLA.....                | 43.6          | 9/05         | 2.0          | 37               | 1.0             | 46.3          | 9/20         | 1.0          | 31               | 1.0             | 31.1          | 1.0          | 1.0             |
| SPRITE.....               | 35.8          | 9/09         | 1.0          | 15               | 1.0             | 40.1          | 9/22         | 1.0          | 19               | 1.0             | 13.7          | 1.0          | 1.0             |
| WILLIAMS 82.....          | 46.8          | 9/11         | 2.2          | 42               | 1.0             | 43.4          | 9/26         | 1.0          | 30               | 1.0             |               |              |                 |
| WILL.....                 | 38.9          | 9/05         | 2.0          | 29               | 1.0             | 38.4          | 9/18         | 1.0          | 28               | 1.0             | 29.0          | 1.0          | 1.0             |
| <b>RING AROUND</b>        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RA-31.....                | 44.5          | 9/14         | 2.2          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>RIVERSIDE</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 202R.....                 | 40.8          | 9/09         | 1.8          | 38               | 1.0             | 50.4          | 9/26         | 1.0          | 34               | 1.0             |               |              |                 |
| <b>SEEDMAKERS</b>         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 72118H.....               | 46.3          | 9/11         | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 9-E.....                  | 47.0          | 9/16         | 3.5          | 43               | 1.0             | 33.3          | 9/28         | 1.3          | 38               | 1.0             | 34.8          | 1.2          | 1.0             |
| <b>TAYLOR-EVANS</b>       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GOLDEN ACRES GA 8350..... | 44.4          | 9/12         | 2.7          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>TRISLER</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| TRISOY 301.....           | 47.8          | 9/06         | 3.0          | 41               | 1.0             | 41.4          | 9/22         | 1.3          | 34               | 1.0             | 25.7          | 1.2          | 1.0             |
| TRISOY 302.....           | 42.5          | 9/11         | 1.7          | 41               | 1.0             | 43.8          | 9/25         | 1.0          | 32               | 1.0             | 31.0          | 1.0          | 1.0             |
| TRISOY 322.....           | 42.0          | 9/03         | 2.7          | 36               | 1.3             |               |              |              |                  |                 |               |              |                 |
| <b>VORIS</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EXP. 0120.....            | 44.8          | 9/15         | 3.2          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EXP. 0550.....            | 46.0          | 9/08         | 2.5          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 339.....                  | 43.1          | 9/03         | 2.5          | 36               | 1.0             | 46.8          | 9/26         | 1.2          | 34               | 1.0             | 35.9          | 1.1          | 1.0             |
| AVERAGE (GROUPS II & III) | 45.2          | ..           | 2.3          | 38               | 1.0             | 43.0          | ..           | 1.2          | 32               | 1.0             | 29.3          | 1.1          | 1.0             |
| L.S.D. 10% LEVEL.....     | 3.5           | ..           | 0.6          | 4                | 0.2             | 6.3           | ..           | 0.4          | 4                | ..              | 5.9           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 2.2           | ..           | 0.4          | 2                | 0.1             | 4.0           | ..           | 0.2          | 2                | ..              | 3.7           | ..           | ..              |
| STD ERR OF MEAN.....      | 1.5           | ..           | 0.3          | 2                | 0.1             | 2.7           | ..           | 0.2          | 2                | 0.0             | 2.5           | ..           | ..              |
| <b>MATURITY GROUP IV</b>  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRIPRO</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 350.....               | 52.5          | 9/15         | 2.8          | 42               | 1.0             | 49.1          | 9/30         | 1.2          | 37               | 1.0             | 34.3          | 1.0          | 1.0             |
| AP 420.....               | 50.7          | 9/20         | 3.3          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>AGRO-SOY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 64.....                   | 52.5          | 9/17         | 3.5          | 45               | 1.0             | 52.4          | 9/28         | 1.3          | 37               | 1.0             |               |              |                 |
| 69.....                   | 55.8          | 9/25         | 3.5          | 40               | 1.0             | 54.2          | 10/02        | 1.0          | 37               | 1.0             |               |              |                 |
| <b>AMERICANA</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| B528.....                 | 40.2          | 9/08         | 3.2          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CONCORD.....              | 44.8          | 9/11         | 3.2          | 42               | 1.0             | 46.6          | 9/28         | 1.2          | 33               | 1.0             | 29.0          | 1.1          | 1.0             |
| HANCOCK.....              | 52.8          | 9/24         | 3.0          | 42               | 1.0             | 57.4          | 9/30         | 1.2          | 34               | 1.0             | 27.8          | 1.0          | 1.0             |
| REVERE.....               | 43.8          | 9/15         | 2.7          | 44               | 1.0             | 44.9          | 9/26         | 1.2          | 35               | 1.0             |               |              |                 |
| <b>ASGROW</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A4268.....                | 45.8          | 9/19         | 2.3          | 39               | 1.0             | 48.0          | 9/28         | 1.2          | 28               | 1.0             | 30.9          | 1.0          | 1.0             |
| <b>BELLATTI</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EXP. W. W. ....           | 43.5          | 9/20         | 4.0          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SEMI-DWARF.....           | 41.5          | 9/26         | 3.2          | 39               | 1.0             | 41.3          | 10/03        | 1.0          | 25               | 1.0             | 32.3          | 1.0          | 1.0             |
| <b>FS HISOY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 425.....                  | 52.0          | 9/21         | 2.8          | 42               | 1.0             | 48.1          | 9/29         | 1.0          | 34               | 1.0             | 32.4          | 1.1          | 1.0             |
| <b>GOLD TAG</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1440.....              | 45.3          | 9/23         | 2.8          | 40               | 1.0             |               |              |              |                  |                 | 35.4          | 1.2          | 1.0             |
| <b>J M SCHULTZ</b>        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 4982.....             | 62.2          | 9/25         | 3.3          | 46               | 1.0             | 58.4          | 10/03        | 1.2          | 37               | 1.0             |               |              |                 |
| MITCHELL.....             | 54.8          | 9/24         | 3.5          | 42               | 1.0             | 47.6          | 9/27         | 1.0          | 32               | 1.0             | 36.0          | 1.1          | 1.0             |
| VICTOR.....               | 56.3          | 9/21         | 3.2          | 42               | 1.0             | 42.0          | 10/01        | 1.0          | 29               | 1.0             | 29.1          | 1.0          | 1.0             |
| <b>LANDERS</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 4920.....                 | 55.3          | 9/28         | 3.2          | 46               | 1.0             | 51.5          | 10/03        | 1.2          | 36               | 1.0             |               |              |                 |
| <b>LEWIS</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 43.....                   | 48.7          | 9/20         | 2.8          | 40               | 1.0             | 51.1          | 9/27         | 1.2          | 35               | 1.0             |               |              |                 |
| 45.....                   | 47.4          | 9/18         | 3.2          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 46.....                   | 43.8          | 9/18         | 3.0          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 49.....                   | 58.4          | 9/26         | 3.5          | 47               | 1.0             | 50.3          | 9/30         | 1.2          | 36               | 1.0             |               |              |                 |
| <b>LOWE SEED</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 399A.....                 | 50.2          | 9/21         | 2.8          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MC CUBBIN</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CARSON.....               | 58.4          | 9/25         | 3.3          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 4290.....              | 47.6          | 9/21         | 2.8          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MC CURDY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 500A.....                 | 41.7          | 9/15         | 2.8          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MERSCHMAN</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CLEVELAND.....            | 53.8          | 9/21         | 2.5          | 41               | 1.0             | 48.8          | 9/28         | 1.3          | 33               | 1.0             | 27.0          | 1.0          | 1.0             |
| DALLAS.....               | 57.1          | 9/28         | 3.2          | 45               | 1.0             | 57.4          | 10/03        | 1.0          | 40               | 1.0             |               |              |                 |
| RICHMOND.....             | 53.0          | 9/24         | 3.2          | 41               | 1.0             | 49.7          | 9/30         | 1.3          | 34               | 1.0             | 27.8          | 1.0          | 1.0             |
| <b>MIGRO</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP4800.....               | 45.1          | 9/17         | 3.0          | 34               | 1.0             | 46.4          | 9/28         | 1.2          | 31               | 1.0             |               |              |                 |



**BROWNSTOWN (30-INCH ROW SPACING), continued**

| BRAND<br>VARIETY OR BLEND  | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|----------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                            | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>NORTHROP KING CO.</b>   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV95.....                  | 54.0          | 9/25         | 3.2          | 44               | 1.0             | 53.6          | 9/30         | 1.3          | 34               | 1.0             |               |              |                 |
| 708182.....                | 50.2          | 9/24         | 2.5          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>PFIZER GENETICS</b>     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX482.....                 | 57.9          | 9/28         | 3.2          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>PUBLIC VARIETY</b>      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DE SOTO.....               | 46.1          | 9/20         | 2.3          | 44               | 1.0             | 49.6          | 9/30         | 1.3          | 34               | 1.0             | 31.6          | 1.1          | 1.0             |
| FRANKLIN.....              | 45.8          | 9/21         | 2.8          | 41               | 1.0             | 43.9          | 9/28         | 1.2          | 36               | 1.0             | 31.2          | 1.1          | 1.0             |
| LAWRENCE.....              | 47.9          | 9/12         | 2.5          | 39               | 1.0             | 44.2          | 9/29         | 1.3          | 31               | 1.0             |               |              |                 |
| PIXIE.....                 | 38.2          | 9/16         | 1.5          | 16               | 1.0             | 47.5          | 9/27         | 1.0          | 19               | 1.0             | 29.1          | 1.0          | 1.0             |
| UNION.....                 | 45.1          | 9/12         | 3.5          | 43               | 1.0             | 42.1          | 9/26         | 1.0          | 34               | 1.0             | 31.1          | 1.1          | 1.0             |
| <b>RING AROUND</b>         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RA-36.....                 | 44.6          | 9/18         | 3.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RA-403.....                | 46.6          | 9/23         | 3.3          | 41               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>RIVERSIDE</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2024.....                  | 49.2          | 9/11         | 2.7          | 42               | 1.0             | 47.6          | 9/27         | 1.2          | 36               | 1.0             |               |              |                 |
| 2025.....                  | 40.5          | 9/16         | 3.3          | 42               | 1.0             | 45.0          | 9/27         | 1.0          | 35               | 1.0             | 34.3          | 1.0          | 1.0             |
| <b>TAYLOR-EVANS</b>        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GOLDEN ACRES GA 8450.....  | 52.5          | 9/23         | 2.8          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>VORIS</b>               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 495.....                   | 51.0          | 9/29         | 2.8          | 45               | 1.0             | 49.3          | 10/05        | 1.2          | 38               | 1.0             |               |              |                 |
| <b>MATURITY GROUP V</b>    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>RING AROUND</b>         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RA-401.....                | 56.6          | 10/03        | 2.7          | 41               | 1.0             | 46.0          | 10/07        | 1.2          | 34               | 1.0             |               |              |                 |
| AVERAGE (GROUPS IV & V) .. | 49.6          | ..           | 3.0          | 41               | 1.0             | 47.2          | ..           | 1.2          | 34               | 1.0             | 29.7          | 1.1          | 1.0             |
| L.S.D. 10% LEVEL.....      | 4.9           | ..           | 0.4          | 3                | ..              | 7.5           | ..           | ..           | 4                | ..              | 5.1           | ..           | ..              |
| L.S.D. 30% LEVEL.....      | 3.1           | ..           | 0.3          | 2                | ..              | 4.7           | ..           | ..           | 3                | ..              | 3.3           | ..           | ..              |
| STD ERR OF MEAN.....       | 2.1           | ..           | 0.2          | 1                | 0.0             | 3.2           | ..           | 0.2          | 2                | 0.0             | 2.2           | ..           | ..              |

**Soybean Variety Trial Results  
BROWNSTOWN (7-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>MATURITY GROUP II</b>  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>DIENER BROS.</b>       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DB210.....                | 36.8          | 9/05         | 2.8          | 31               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DB28.....                 | 35.1          | 9/04         | 2.7          | 29               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MATURITY GROUP III</b> |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>ASGROW</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A3127.....                | 44.8          | 9/09         | 2.5          | 35               | 1.0             | 42.8          | 9/22         | 1.0          | 26               | 1.0             | 34.9          | 1.0          | 1.0             |
| A3659.....                | 42.8          | 9/11         | 2.0          | 33               | 1.0             | 42.6          | 9/24         | 1.0          | 24               | 1.0             | 36.2          | 1.0          | 1.0             |
| <b>BERGMANN-TAYLOR</b>    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BT 330.....               | 43.9          | 9/11         | 3.7          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 380.....               | 37.4          | 9/16         | 3.8          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 390.....               | 54.1          | 9/21         | 3.5          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>COKER</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 393.....                  | 40.1          | 9/18         | 2.8          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>FS HISOY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 320.....               | 43.1          | 9/07         | 4.3          | 37               | 1.0             | 47.8          | 9/18         | 1.3          | 31               | 1.0             |               |              |                 |
| HS 322.....               | 48.1          | 9/10         | 3.7          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HS 360.....               | 57.9          | 9/23         | 3.8          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 350.....                  | 50.5          | 9/19         | 3.5          | 38               | 1.0             | 57.4          | 9/28         | 1.3          | 32               | 1.0             | 34.6          | 1.2          | 1.0             |
| <b>GOLD TAG</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1380.....              | 62.8          | 9/19         | 3.2          | 33               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>JACQUES</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| J 110 EXP.....            | 38.0          | 9/10         | 2.8          | 33               | 1.0             |               |              |              |                  |                 |               |              |                 |

**BROWNSTOWN (7-INCH ROW SPACING), continued**

| BRAND<br>VARIETY OR BLEND            | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|--------------------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                                      | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>J M SCHULTZ</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....                        | 49.2          | 9/10         | 4.0          | 36               | 1.0             | 55.4          | 9/24         | 1.0          | 28               | 1.0             |               |              |                 |
| WASHINGTON 5.....                    | 39.6          | 9/09         | 4.0          | 31               | 1.0             | 47.8          | 9/23         | 1.0          | 26               | 1.0             |               |              |                 |
| <b>KITCHEN</b>                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 380.....                         | 48.0          | 9/10         | 4.2          | 32               | 1.0             | 59.5          | 9/25         | 1.2          | 30               | 1.0             |               |              |                 |
| KSC 383.....                         | 45.9          | 9/16         | 3.5          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>LANDERS</b>                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3912.....                            | 52.9          | 9/16         | 3.5          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>NORTHROP KING CO.</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV32-67.....                         | 42.1          | 9/12         | 4.2          | 35               | 1.0             | 49.0          | 9/19         | 1.3          | 29               | 1.0             |               |              |                 |
| 367304.....                          | 41.3          | 9/10         | 3.2          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 729178.....                          | 40.9          | 9/06         | 3.7          | 29               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>PFIZER GENETICS</b>               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX321.....                           | 38.3          | 9/08         | 3.5          | 32               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CX380.....                           | 44.1          | 9/12         | 3.7          | 31               | 1.0             | 47.6          | 9/24         | 1.0          | 28               | 1.0             |               |              |                 |
| <b>PUBLIC VARIETY</b>                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....                      | 43.4          | 9/10         | 3.5          | 35               | 1.0             | 54.6          | 9/25         | 1.0          | 29               | 1.0             | 30.0          | 1.1          | 1.0             |
| ELF.....                             | 38.6          | 9/15         | 1.3          | 20               | 1.0             | 57.3          | 9/28         | 1.0          | 18               | 1.0             | 25.4          | 1.0          | 1.0             |
| FAYETTE.....                         | 36.6          | 9/11         | 3.3          | 39               | 1.0             | 47.9          | 9/27         | 1.3          | 30               | 1.0             |               |              |                 |
| HOBBIT.....                          | 35.3          | 9/09         | 1.3          | 20               | 1.0             | 45.0          | 9/18         | 1.0          | 19               | 1.0             |               |              |                 |
| PELLA.....                           | 46.9          | 9/05         | 3.0          | 32               | 1.0             | 57.2          | 9/24         | 1.0          | 30               | 1.0             | 31.6          | 1.0          | 1.0             |
| SPRITE.....                          | 35.4          | 9/11         | 1.0          | 19               | 1.0             | 51.7          | 9/20         | 1.0          | 17               | 1.0             | 11.4          | 1.0          | 1.0             |
| WILLIAMS 79.....                     | 43.6          | 9/11         | 2.7          | 38               | 1.0             | 49.5          | 9/25         | 1.0          | 31               | 1.0             | 29.0          | 1.0          | 1.0             |
| WILLIAMS 82.....                     | 44.2          | 9/16         | 2.8          | 34               | 1.0             | 51.6          | 9/26         | 1.0          | 31               | 1.0             |               |              |                 |
| WILL.....                            | 33.0          | 9/09         | 3.2          | 24               | 1.0             | 41.2          | 9/17         | 1.0          | 26               | 1.0             | 25.8          | 1.0          | 1.0             |
| <b>TRISLER</b>                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| TRISOY 322.....                      | 40.6          | 9/05         | 4.2          | 33               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>VORIS</b>                         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 339.....                             | 47.1          | 9/08         | 4.7          | 36               | 1.0             | 55.7          | 9/25         | 1.2          | 32               | 1.0             | 32.7          | 1.0          | 1.0             |
| <b>AVERAGE (GROUPS II &amp; III)</b> |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....                         | 43.0          | ..           | 3.2          | 32               | 1.0             | 49.6          | ..           | 1.1          | 28               | 1.0             | 29.6          | 1.1          | 1.0             |
| L.S.D. 10% LEVEL.....                | 6.4           | ..           | 0.9          | 6                | ..              | 7.4           | ..           | ..           | 4                | ..              | 4.5           | ..           | ..              |
| L.S.D. 30% LEVEL.....                | 4.0           | ..           | 0.6          | 4                | ..              | 4.6           | ..           | ..           | 2                | ..              | 2.8           | ..           | ..              |
| STD ERR OF MEAN.....                 | 2.7           | ..           | 0.4          | 3                | 0.0             | 3.2           | ..           | 0.1          | 2                | 0.0             | 1.9           | ..           | ..              |
| <b>MATURITY GROUP IV</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRIPRO</b>                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 350.....                          | 54.4          | 9/16         | 3.8          | 37               | 1.0             | 62.4          | 10/04        | 2.3          | 39               | 1.0             | 27.7          | 1.1          | 1.0             |
| AP 420.....                          | 54.2          | 9/20         | 4.3          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>ASGROW</b>                        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A4268.....                           | 48.9          | 9/17         | 2.5          | 36               | 1.0             | 54.7          | 9/28         | 1.0          | 29               | 1.0             | 31.5          | 1.0          | 1.0             |
| <b>FS HISDY</b>                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 425.....                             | 48.7          | 9/24         | 4.2          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>J M SCHULTZ</b>                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 4982.....                        | 50.6          | 9/27         | 4.0          | 42               | 1.0             | 54.9          | 10/02        | 1.7          | 36               | 1.0             |               |              |                 |
| MITCHELL.....                        | 51.2          | 9/26         | 3.7          | 38               | 1.0             | 54.7          | 10/06        | 2.2          | 33               | 1.0             |               |              |                 |
| <b>MC CURDY</b>                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 500A.....                            | 43.2          | 9/16         | 4.0          | 38               | 1.0             | 54.4          | 9/26         | 1.3          | 32               | 1.0             | 32.5          | 1.1          | 1.0             |
| <b>MERSCHMAN</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CLEVELAND.....                       | 54.6          | 9/21         | 3.7          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DALLAS.....                          | 44.2          | 9/28         | 4.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RICHMOND.....                        | 54.8          | 9/24         | 3.8          | 36               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>MIGRO</b>                         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP4800.....                          | 48.9          | 9/18         | 3.0          | 33               | 1.0             | 48.4          | 9/26         | 1.2          | 26               | 1.0             |               |              |                 |
| <b>NORTHROP KING CO.</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV95.....                            | 49.7          | 9/26         | 3.8          | 39               | 1.0             | 50.0          | 9/30         | 1.3          | 31               | 1.0             |               |              |                 |
| <b>PUBLIC VARIETY</b>                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DE SOTO.....                         | 45.0          | 9/21         | 3.0          | 40               | 1.0             | 50.2          | 9/29         | 1.2          | 32               | 1.0             | 31.6          | 1.0          | 1.0             |
| FRANKLIN.....                        | 45.2          | 9/20         | 3.3          | 35               | 1.0             | 52.6          | 9/28         | 1.5          | 37               | 1.0             | 27.2          | 1.1          | 1.0             |
| LAWRENCE.....                        | 45.5          | 9/15         | 2.7          | 36               | 1.0             | 48.1          | 9/29         | 1.3          | 28               | 1.0             |               |              |                 |
| PIXIE.....                           | 43.6          | 9/18         | 1.2          | 18               | 1.0             | 49.4          | 9/27         | 1.0          | 18               | 1.0             | 24.3          | 1.0          | 1.0             |
| UNION.....                           | 49.9          | 9/18         | 3.8          | 38               | 1.0             | 52.5          | 9/28         | 1.7          | 38               | 1.0             | 34.2          | 1.1          | 1.0             |
| <b>RIVERSIDE</b>                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2024.....                            | 46.0          | 9/16         | 3.3          | 38               | 1.0             | 48.2          | 9/27         | 1.5          | 35               | 1.0             |               |              |                 |
| 2025.....                            | 36.5          | 9/20         | 4.0          | 39               | 1.0             |               |              |              |                  |                 | 29.8          | 1.0          | 1.0             |
| <b>VORIS</b>                         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 465.....                             | 40.9          | 9/16         | 4.0          | 40               | 1.0             | 53.5          | 9/27         | 1.7          | 37               | 1.0             |               |              |                 |
| <b>AVERAGE</b>                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....                         | 48.5          | ..           | 3.6          | 37               | 1.0             | 50.4          | ..           | 1.4          | 32               | 1.0             | 29.2          | 1.1          | 1.0             |
| L.S.D. 10% LEVEL.....                | ..            | ..           | 0.8          | 4                | ..              | 8.0           | ..           | ..           | 4                | ..              | ..            | ..           | ..              |
| L.S.D. 30% LEVEL.....                | ..            | ..           | 0.5          | 2                | ..              | 5.0           | ..           | ..           | 2                | ..              | ..            | ..           | ..              |
| STD ERR OF MEAN.....                 | 4.4           | ..           | 0.3          | 2                | 0.0             | 3.4           | ..           | 0.3          | 2                | 0.0             | 2.2           | ..           | ..              |

Soybean Variety Trial Results  
**BELLEVILLE (30-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND            | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|--------------------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                                      | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| -----                                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MATURITY GROUP II                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| -----                                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GEO. KELLER & SONS CO.<br>K-916..... | 42.7          | 9/10         | 1.5          | 25               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MATURITY GROUP III                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| -----                                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| ASGR0W                               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A3659.....                           | 54.6          | 9/20         | 1.0          | 29               | 1.0             | 47.4          | 9/29         | 1.2          | 27               | 1.0             | 47.4          | 1.3          | 2.0             |
| A3860.....                           | 49.6          | 9/21         | 2.0          | 32               | 1.0             | 52.1          | 10/03        | 1.3          | 32               | 1.0             | 45.8          | 2.6          | 1.0             |
| BERGMANN-TAYLOR                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BT 330.....                          | 46.6          | 9/20         | 1.7          | 26               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 380.....                          | 53.6          | 9/22         | 2.2          | 32               | 1.0             |               |              |              |                  |                 |               |              |                 |
| BT 390.....                          | 55.8          | 9/28         | 2.2          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| COKER                                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 393.....                             | 54.5          | 9/22         | 1.3          | 31               | 1.0             |               |              |              |                  |                 |               |              |                 |
| FS HIS0Y                             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 320.....                          | 42.7          | 9/19         | 2.0          | 32               | 1.3             |               |              |              |                  |                 |               |              |                 |
| HS 322.....                          | 47.8          | 9/17         | 1.5          | 29               | 1.0             |               |              |              |                  |                 |               |              |                 |
| HS 360.....                          | 57.0          | 9/25         | 2.0          | 37               | 1.0             | 52.4          | 10/01        | 1.5          | 36               | 1.0             |               |              |                 |
| 350.....                             | 52.0          | 9/23         | 1.7          | 35               | 1.0             | 45.5          | 10/04        | 1.7          | 33               | 1.0             | 47.0          | 3.3          | 2.0             |
| FUNK                                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 12172.....                           | 48.5          | 9/17         | 1.7          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GEO. KELLER & SONS CO.               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GRANT.....                           | 47.7          | 9/16         | 2.2          | 33               | 1.0             | 52.2          | 9/27         | 2.5          | 32               | 1.3             | 36.5          | 4.0          | 2.0             |
| K-917.....                           | 38.4          | 9/19         | 1.2          | 25               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ                          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....                        | 53.3          | 9/18         | 1.8          | 31               | 1.0             | 51.0          | 9/30         | 1.5          | 31               | 1.0             |               |              |                 |
| WASHINGTON 5.....                    | 41.3          | 9/19         | 2.0          | 26               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KITCHEN                              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| KSC 380.....                         | 50.0          | 9/18         | 1.7          | 29               | 1.0             |               |              |              |                  |                 |               |              |                 |
| KSC 383.....                         | 54.0          | 9/22         | 2.3          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LANDERS                              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3912.....                            | 50.0          | 9/25         | 1.7          | 33               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MIGRO                                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EX 1051.....                         | 33.8          | 9/10         | 1.5          | 26               | 3.0             |               |              |              |                  |                 |               |              |                 |
| HP3700.....                          | 47.2          | 9/20         | 1.3          | 31               | 1.0             | 53.4          | 9/28         | 2.0          | 37               | 1.0             |               |              |                 |
| NORTHROP KING CO.                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV39-19.....                         | 44.8          | 9/21         | 1.2          | 27               | 1.3             |               |              |              |                  |                 |               |              |                 |
| PFIZER GENETICS                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX321.....                           | 43.6          | 9/11         | 1.5          | 27               | 1.0             |               |              |              |                  |                 |               |              |                 |
| CX380.....                           | 49.3          | 9/20         | 1.3          | 29               | 1.0             | 46.3          | 10/01        | 1.5          | 35               | 1.0             | 45.8          | 2.3          | 1.0             |
| EC1147.....                          | 46.6          | 9/18         | 1.8          | 29               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PRAIRIE STATE COMMODITIES            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| PSC 1403.....                        | 49.7          | 9/20         | 2.2          | 29               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....                      | 44.0          | 9/20         | 1.3          | 27               | 1.0             | 56.7          | 9/28         | 1.5          | 30               | 1.0             | 46.5          | 3.5          | 2.0             |
| ELF.....                             | 50.1          | 9/26         | 1.0          | 14               | 1.0             | 37.5          | 9/27         | 1.0          | 14               | 1.0             | 50.2          | 1.2          | 1.0             |
| FAYETTE.....                         | 43.8          | 9/19         | 1.5          | 34               | 1.0             | 54.6          | 9/30         | 1.8          | 38               | 1.3             |               |              |                 |
| HOBBIT.....                          | 43.6          | 9/16         | 1.2          | 16               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PELLA.....                           | 49.6          | 9/18         | 1.5          | 30               | 1.0             | 49.0          | 9/28         | 1.0          | 32               | 1.0             | 43.6          | 1.8          | 2.0             |
| SPRITE.....                          | 41.1          | 9/19         | 1.0          | 18               | 1.0             | 31.3          | 9/29         | 1.0          | 14               | 1.0             | 45.1          | 1.1          | 1.0             |
| WILLIAMS 79.....                     | 49.2          | 9/18         | 1.5          | 33               | 1.0             | 44.3          | 9/29         | 1.5          | 35               | 1.0             | 44.9          | 3.3          | 2.0             |
| WILLIAMS 82.....                     | 52.5          | 9/19         | 1.8          | 33               | 1.0             | 55.6          | 9/28         | 1.5          | 35               | 1.0             |               |              |                 |
| WILL.....                            | 42.4          | 9/18         | 1.0          | 22               | 1.0             | 44.8          | 9/28         | 1.0          | 23               | 1.0             | 44.1          | 2.0          | 1.0             |
| RICE                                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2020.....                            | 56.7          | 9/21         | 2.0          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RING AROUND                          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RA-31.....                           | 48.8          | 9/22         | 1.5          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RIVERSIDE                            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 202R.....                            | 45.8          | 9/20         | 1.0          | 29               | 1.0             | 47.4          | 9/28         | 1.3          | 29               | 1.0             |               |              |                 |
| SEEDMAKERS                           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 72118H.....                          | 44.9          | 9/20         | 1.7          | 32               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 9-E.....                             | 50.6          | 9/25         | 1.8          | 36               | 1.0             | 54.4          | 10/02        | 1.5          | 39               | 1.0             | 41.2          | 2.7          | 2.0             |
| STEWART HYBRIDS                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SEEDMAKERS 9-E.....                  | 49.0          | 9/22         | 1.7          | 35               | 1.0             |               |              |              |                  |                 |               |              |                 |
| SUPERS0Y                             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 470.....                             | 49.2          | 9/22         | 1.5          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TAYLOR-EVANS                         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GOLDEN ACRES GA 8350.....            | 44.3          | 9/15         | 1.8          | 32               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VORIS                                |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 339.....                             | 50.8          | 9/18         | 2.0          | 34               | 1.0             | 53.4          | 10/01        | 1.7          | 34               | 1.0             | 42.6          | 3.6          | 2.0             |
| AVERAGE (GROUPS II & III)            | 48.0          | ..           | 1.6          | 29               | 1.1             | 48.5          | ..           | 1.6          | 33               | 1.1             | 42.9          | 2.5          | 1.9             |
| L.S.D. 10% LEVEL.....                | 6.0           | ..           | 0.4          | 4                | 0.2             | 5.9           | ..           | 0.5          | 4                | 0.2             | 4.5           | ..           | ..              |
| L.S.D. 30% LEVEL.....                | 3.7           | ..           | 0.3          | 2                | 0.1             | 3.7           | ..           | 0.3          | 2                | 0.1             | 2.8           | ..           | ..              |
| STD ERR OF MEAN.....                 | 2.5           | ..           | 0.2          | 2                | 0.1             | 2.5           | ..           | 0.2          | 2                | 0.1             | 1.9           | ..           | ..              |

**BELLEVILLE (30-INCH ROW SPACING), continued**

| BRAND<br>VARIETY OR BLEND    | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|------------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                              | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| Maturity Group IV            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AF 350.....                  | 55.9          | 9/26         | 2.0          | 28               | 1.0             |               |              |              |                  |                 | 31.6          | 2.5          | 2.0             |
| AF 420.....                  | 63.0          | 9/26         | 1.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRO-SOY                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 64.....                      | 59.7          | 9/24         | 2.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 69.....                      | 62.7          | 10/02        | 2.5          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| ASGROW                       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A4268.....                   | 57.4          | 9/26         | 1.7          | 36               | 1.0             |               |              |              |                  |                 | 47.9          | 2.3          | 2.0             |
| FS HISOY                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 450.....                  | 61.4          | 10/01        | 1.7          | 37               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 425.....                     | 57.2          | 9/25         | 2.2          | 41               | 1.0             |               |              |              |                  |                 | 42.1          | 2.5          | 2.0             |
| 480.....                     | 58.8          | 10/01        | 2.5          | 43               | 1.0             |               |              |              |                  |                 | 39.4          | 2.1          | 2.0             |
| GEO. KELLER & SONS CO.       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| K-914.....                   | 65.3          | 10/02        | 2.8          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 4982.....                | 61.6          | 10/03        | 2.8          | 45               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MITCHELL.....                | 56.3          | 9/29         | 2.7          | 38               | 1.0             |               |              |              |                  |                 | 37.8          | 2.5          | 2.0             |
| LANDERS                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 4920.....                    | 58.7          | 10/01        | 2.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| LEWIS                        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 45.....                      | 55.1          | 9/26         | 2.0          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 46.....                      | 55.9          | 10/01        | 1.7          | 33               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 49.....                      | 65.2          | 10/02        | 2.5          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MC CUBBIN                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CARSON.....                  | 63.4          | 10/02        | 2.8          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EX 4290.....                 | 57.1          | 9/30         | 1.5          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MERSCHMAN                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CLEVELAND.....               | 57.9          | 9/25         | 2.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| DALLAS.....                  | 65.4          | 10/04        | 3.0          | 46               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RICHMOND.....                | 62.1          | 9/28         | 2.3          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| MIGRO                        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HF4800.....                  | 53.5          | 9/26         | 1.7          | 29               | 1.0             |               |              |              |                  |                 |               |              |                 |
| NORTHRUP KING CO.            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV95.....                    | 59.3          | 9/30         | 2.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| S40-44.....                  | 50.3          | 9/21         | 1.0          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 708182.....                  | 62.1          | 9/28         | 2.3          | 43               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PFIZER GENETICS              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CX482.....                   | 65.9          | 10/03        | 2.5          | 47               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DE SOTO.....                 | 58.7          | 9/25         | 1.8          | 39               | 1.0             |               |              |              |                  |                 | 42.8          | 2.6          | 1.0             |
| FRANKLIN.....                | 52.8          | 9/26         | 1.5          | 40               | 1.0             |               |              |              |                  |                 | 29.4          | 2.0          | 1.0             |
| LAWRENCE.....                | 53.3          | 9/21         | 1.3          | 32               | 1.0             |               |              |              |                  |                 |               |              |                 |
| PIXIE.....                   | 58.2          | 9/26         | 1.0          | 22               | 1.0             |               |              |              |                  |                 | 49.7          | 1.3          | 1.0             |
| UNION.....                   | 60.6          | 9/22         | 2.0          | 43               | 1.0             |               |              |              |                  |                 | 40.6          | 3.2          | 2.0             |
| RING AROUND                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MITCHELL-450.....            | 58.1          | 10/09        | 2.0          | 40               | 1.0             |               |              |              |                  |                 | 24.0          | 2.2          | 1.0             |
| RA-36.....                   | 53.2          | 9/25         | 1.7          | 38               | 1.0             | 52.4          | 10/06        | 1.5          | 34               | 1.0             |               |              |                 |
| RA-403.....                  | 54.3          | 9/28         | 2.3          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| RIVERSIDE                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 2024.....                    | 57.2          | 9/21         | 1.7          | 39               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 2025.....                    | 54.1          | 9/20         | 2.2          | 40               | 1.0             |               |              |              |                  |                 | 36.7          | 3.6          | 2.0             |
| SEEDMAKERS                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3-G.....                     | 51.5          | 9/20         | 2.3          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| TAYLOR-EVANS                 |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GOLDEN ACRES GA 8450.....    | 54.8          | 9/27         | 2.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VORIS                        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 465.....                     | 52.0          | 9/26         | 1.7          | 41               | 1.0             |               |              |              |                  |                 | 38.0          | 2.0          | 1.0             |
| Maturity Group V             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RING AROUND                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RA-401.....                  | 60.3          | 10/04        | 2.0          | 38               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE (GROUPS IV & V)..... | 58.2          | ..           | 2.1          | 39               | 1.0             | 48.5          | ..           | 1.6          | 33               | 1.1             | 37.6          | 2.2          | 1.8             |
| L.S.D. 10% LEVEL.....        | 5.1           | ..           | 0.4          | 6                | ..              | 5.9           | ..           | 0.5          | 4                | 0.2             | 4.0           | ..           | ..              |
| L.S.D. 30% LEVEL.....        | 3.2           | ..           | 0.3          | 4                | ..              | 3.7           | ..           | 0.3          | 2                | 0.1             | 2.5           | ..           | ..              |
| STD ERR OF MEAN.....         | 2.2           | ..           | 0.2          | 3                | 0.0             | 2.5           | ..           | 0.2          | 2                | 0.1             | 1.7           | ..           | ..              |

Soybean Variety Trial Results  
**CARBONDALE (30-INCH ROW SPACING)**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>MATURITY GROUP III</b> |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRIGENETICS</b>       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 3103B.....                | 18.8          | 9/13         | 1.0          | 27               | 2.0             |               |              |              |                  |                 |               |              |                 |
| <b>BERGMANN-TAYLOR</b>    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BT 390.....               | 12.6          | 9/13         | 1.0          | 24               | 2.7             |               |              |              |                  |                 |               |              |                 |
| <b>COKER</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 393.....                  | 17.7          | 9/13         | 1.2          | 26               | 1.3             |               |              |              |                  |                 |               |              |                 |
| <b>FS HISOY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 360.....               | 10.5          | 9/23         | 1.0          | 23               | 3.0             | 22.2          | 9/28         | 1.0          | 30               | 1.5             |               |              |                 |
| 350.....                  | 14.3          | 9/13         | 1.0          | 29               | 2.7             | 26.7          | 9/28         | 1.0          | 30               | 1.0             | 31.7          | 1.0 2.0      |                 |
| <b>FUNK</b>               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 12172.....                | 24.1          | 9/07         | 1.0          | 21               | 1.3             |               |              |              |                  |                 |               |              |                 |
| <b>HELENA</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BRAND 301.....            | 15.1          | 9/13         | 1.2          | 26               | 3.7             |               |              |              |                  |                 |               |              |                 |
| <b>J M SCHULTZ</b>        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....             | 9.7           | 9/13         | 1.0          | 20               | 3.3             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON 5.....         | 12.0          | 9/07         | 1.0          | 29               | 4.0             | 21.6          | 9/24         | 1.0          | 28               | 2.0             |               |              |                 |
| <b>NORTHRUP KING CO.</b>  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV39-19.....              | 25.7          | 9/13         | 1.0          | 25               | 2.7             | 27.2          | 9/29         | 1.0          | 28               | 1.0             |               |              |                 |
| <b>PAYMASTER</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 401.....                  | 9.7           | 9/13         | 1.0          | 24               | 2.7             | 25.4          | 9/28         | 1.0          | 22               | 1.5             | 25.1          | 1.2 2.0      |                 |
| <b>PFIZER GENETICS</b>    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CB391.....                | 10.4          | 9/23         | 1.0          | 22               | 2.3             | 28.5          | 9/27         | 1.0          | 26               | 1.0             | 27.4          | 1.0 2.0      |                 |
| CX380.....                | 12.9          | 9/13         | 1.0          | 25               | 1.7             |               |              |              |                  |                 | 29.7          | 1.0 1.0      |                 |
| <b>PUBLIC VARIETY</b>     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 7.7           | 9/13         | 1.0          | 18               | 2.7             | 27.1          | 9/25         | 1.0          | 26               | 1.0             |               |              |                 |
| ELF.....                  | 13.9          | 9/13         | 1.0          | 13               | 2.0             | 16.1          | 9/28         | 1.0          | 15               | 1.0             |               |              |                 |
| FAYETTE.....              | 30.2          | 9/13         | 1.2          | 31               | 2.0             | 23.1          | 9/29         | 1.0          | 28               | 1.0             |               |              |                 |
| HOBBIT.....               | 13.0          | 9/07         | 1.0          | 16               | 2.0             |               |              |              |                  |                 |               |              |                 |
| PELLA.....                | 11.9          | 9/03         | 1.0          | 23               | 3.3             | 14.7          | 9/23         | 1.0          | 24               | 1.5             |               |              |                 |
| SPRITE.....               | 17.8          | 9/07         | 1.0          | 15               | 1.7             | 20.6          | 9/26         | 1.0          | 18               | 1.0             |               |              |                 |
| WILLIAMS 79.....          | 13.8          | 9/13         | 1.0          | 22               | 1.3             | 25.3          | 10/02        | 1.0          | 31               | 1.0             | 25.6          | 1.0 2.0      |                 |
| WILLIAMS 82.....          | 18.1          | 9/13         | 1.0          | 26               | 1.7             | 21.2          | 9/29         | 1.0          | 30               | 1.0             |               |              |                 |
| WILL.....                 | 13.8          | 9/13         | 1.0          | 16               | 2.7             | 24.0          | 9/25         | 1.0          | 25               | 1.0             |               |              |                 |
| <b>STEWART HYBRIDS</b>    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| SEEDMAKERS 9-E.....       | 16.9          | 9/13         | 1.0          | 27               | 1.7             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 15.2          | ..           | 1.0          | 23               | 2.4             | 22.4          | ..           | 1.0          | 26               | 1.2             | 26.6          | 1.1 1.7      |                 |
| L.S.D. 10% LEVEL.....     | 7.5           | ..           | ..           | 5                | 0.8             | ..            | ..           | 0.0          | 6                | ..              | 6.4           | .. ..        |                 |
| L.S.D. 30% LEVEL.....     | 4.7           | ..           | ..           | 3                | 0.5             | ..            | ..           | 0.0          | 3                | ..              | 3.9           | .. ..        |                 |
| STD ERR OF MEAN.....      | 3.2           | ..           | 0.1          | 2                | 0.4             | 2.4           | ..           | 0.0          | 2                | 0.2             | 2.7           | .. ..        |                 |
| <b>MATURITY GROUP IV</b>  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRIGENETICS</b>       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 4101A.....                | 16.2          | 9/23         | 1.0          | 27               | 2.0             |               |              |              |                  |                 |               |              |                 |
| 4103A.....                | 13.4          | 10/06        | 1.0          | 24               | 1.7             |               |              |              |                  |                 |               |              |                 |
| 4105A.....                | 13.8          | 9/27         | 1.0          | 24               | 1.3             |               |              |              |                  |                 |               |              |                 |
| <b>AGRO-SOY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 69.....                   | 19.6          | 9/27         | 1.2          | 32               | 1.3             | 29.1          | 10/08        | 1.0          | 37               | 1.0             |               |              |                 |
| <b>ASGROW</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A4268.....                | 12.5          | 9/23         | 1.0          | 22               | 1.7             | 27.7          | 9/30         | 1.0          | 26               | 1.0             | 27.2          | 1.0 1.0      |                 |
| <b>CALLAHAN</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 1450.....                 | 10.5          | 9/23         | 1.0          | 26               | 1.7             | 30.1          | 10/02        | 1.0          | 37               | 1.0             |               |              |                 |
| <b>FS HISOY</b>           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 450.....               | 22.9          | 10/06        | 1.0          | 31               | 2.3             | 33.0          | 10/08        | 1.0          | 29               | 1.0             |               |              |                 |
| 425.....                  | 17.9          | 9/23         | 1.0          | 31               | 3.0             | 25.8          | 10/01        | 1.0          | 33               | 1.5             | 23.1          | 1.2 2.0      |                 |
| 480.....                  | 17.7          | 10/06        | 1.0          | 26               | 2.0             | 34.2          | 9/29         | 1.0          | 35               | 1.0             | 25.0          | 1.0 1.0      |                 |
| <b>HELENA PREFERRED</b>   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| STEVENS.....              | 12.1          | 9/27         | 1.0          | 23               | 3.0             | 24.7          | 10/08        | 1.3          | 38               | 1.0             |               |              |                 |
| <b>HELENA</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BRAND 401.....            | 17.3          | 10/06        | 1.0          | 22               | 2.0             |               |              |              |                  |                 |               |              |                 |
| <b>J M SCHULTZ</b>        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 4982.....             | 17.9          | 9/27         | 1.0          | 27               | 1.7             | 37.0          | 10/08        | 1.0          | 37               | 1.0             |               |              |                 |
| MITCHELL.....             | 23.4          | 9/23         | 1.0          | 28               | 2.7             | 28.8          | 10/08        | 1.0          | 30               | 1.0             | 24.6          | 1.1 2.0      |                 |
| <b>LEWIS</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 49.....                   | 24.1          | 9/27         | 1.2          | 29               | 2.0             |               |              |              |                  |                 |               |              |                 |
| <b>MFA MOSDY</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| PV42.....                 | 14.3          | 9/23         | 1.0          | 21               | 1.7             |               |              |              |                  |                 |               |              |                 |
| <b>MIGRO</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP4800.....               | 18.3          | 9/13         | 1.0          | 22               | 2.7             | 26.4          | 10/01        | 1.0          | 26               | 1.0             |               |              |                 |
| <b>NORTHRUP KING CO.</b>  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV95.....                 | 12.6          | 9/27         | 1.0          | 27               | 2.7             | 25.4          | 10/03        | 1.0          | 35               | 1.0             |               |              |                 |
| S40-44.....               | 19.6          | 9/13         | 1.0          | 21               | 3.7             | 23.6          | 9/28         | 1.0          | 25               | 1.0             |               |              |                 |

**CARBONDALE (30-INCH ROW SPACING), continued**

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| <b>PFIZER GENETICS</b>    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CB425.....                | 25.7          | 9/23         | 1.2          | 36               | 2.0             | 31.6          | 10/02        | 1.3          | 36               | 1.0             | 25.4          | 1.2          | 1.0             |
| CX482.....                | 14.5          | 9/27         | 1.0          | 26               | 1.7             |               |              |              |                  |                 |               |              |                 |
| <b>PUBLIC VARIETY</b>     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DE SOTO.....              | 13.9          | 9/23         | 1.0          | 26               | 2.0             | 26.0          | 9/30         | 1.0          | 30               | 1.0             | 23.6          | 1.0          | 1.0             |
| FRANKLIN.....             | 27.4          | 9/23         | 1.3          | 36               | 2.0             | 29.3          | 9/29         | 1.5          | 34               | 1.0             | 25.7          | 1.0          | 1.0             |
| LAWRENCE.....             | 13.3          | 9/23         | 1.0          | 23               | 1.7             | 23.7          | 9/30         | 1.0          | 27               | 1.0             |               |              |                 |
| PIXIE.....                | 27.4          | 9/13         | 1.0          | 18               | 1.7             | 26.4          | 9/29         | 1.0          | 17               | 1.0             |               |              |                 |
| UNION.....                | 23.6          | 9/13         | 1.2          | 33               | 2.0             | 26.0          | 10/01        | 1.0          | 33               | 1.0             | 27.8          | 1.0          | 2.0             |
| <b>RING AROUND</b>        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MITCHELL-450.....         | 11.5          | 10/06        | 1.0          | 26               | 2.0             | 19.8          | 10/08        | 1.0          | 31               | 1.0             | 24.6          | 1.0          | 1.0             |
| RA-403.....               | 14.3          | 9/27         | 1.0          | 25               | 2.0             |               |              |              |                  |                 |               |              |                 |
| <b>TAYLOR-EVANS</b>       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GOLDEN ACRES GA 8450..... | 14.1          | 9/23         | 1.0          | 26               | 3.0             |               |              |              |                  |                 |               |              |                 |
| GOLDEN ACRES GA 8490..... | 20.1          | 9/23         | 1.0          | 28               | 2.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 17.2          | ..           | 1.0          | 26               | 2.1             | 26.5          | ..           | 1.0          | 31               | 1.0             | 24.4          | 1.1          | 1.6             |
| L.S.D. 10% LEVEL.....     | 7.1           | ..           | ..           | 6                | 0.6             | 5.1           | ..           | 0.2          | 6                | ..              | ..            | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 4.4           | ..           | ..           | 4                | 0.4             | 3.2           | ..           | 0.1          | 4                | ..              | ..            | ..           | ..              |
| STD ERR OF MEAN.....      | 3.0           | ..           | 0.1          | 2                | 0.3             | 2.1           | ..           | 0.1          | 2                | 0.1             | 2.1           | ..           | ..              |
| <b>MATURITY GROUP V</b>   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| <b>AGRIGENETICS</b>       |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 5101A.....                | 25.2          | 10/18        | 1.5          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 5103A.....                | 39.4          | 10/18        | 1.3          | 30               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>AGRIPRO</b>            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 55.....                | 25.5          | 10/18        | 1.8          | 35               | 1.0             | 17.6          | 10/27        | 1.2          | 40               | 1.0             |               |              |                 |
| <b>ASGROW</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| A5474.....                | 41.3          | 10/18        | 1.5          | 35               | 1.0             | 24.6          | 10/27        | 1.0          | 34               | 1.0             | 30.6          | 1.5          | 1.0             |
| A5618.....                | 17.9          | 10/18        | 1.0          | 29               | 1.0             | 22.4          | 10/27        | 1.3          | 34               | 1.0             | 32.1          | 1.5          | 1.0             |
| <b>COKER</b>              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| XP 79-5.....              | 29.2          | 10/18        | 1.0          | 26               | 1.0             | 26.8          | 10/21        | 1.0          | 28               | 1.0             |               |              |                 |
| <b>HELENA</b>             |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EXP. HB-S8120-5.....      | 32.6          | 10/21        | 2.3          | 40               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EXP. HB-466D1-5.....      | 25.4          | 10/18        | 1.3          | 43               | 1.0             | 20.1          | 10/27        | 1.5          | 41               | 1.0             |               |              |                 |
| <b>MFA MOSOY</b>          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 582.....                  | 18.2          | 10/18        | 1.0          | 27               | 1.0             |               |              |              |                  |                 |               |              |                 |
| <b>PUBLIC VARIETY</b>     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| ESSEX.....                | 32.1          | 10/18        | 1.2          | 27               | 1.0             | 27.8          | 10/21        | 1.0          | 31               | 1.0             | 31.2          | 1.5          | 1.0             |
| NATHAN.....               | 37.0          | 10/18        | 1.8          | 41               | 1.0             | 23.3          | 10/21        | 1.5          | 39               | 1.0             | 24.2          | 3.0          | 1.0             |
| AVERAGE.....              | 29.4          | ..           | 1.4          | 33               | 1.0             | 22.1          | ..           | 1.2          | 34               | 1.0             | 28.4          | 2.0          | 1.1             |
| L.S.D. 10% LEVEL.....     | 6.0           | ..           | 0.4          | 8                | ..              | 6.0           | ..           | 0.3          | 5                | ..              | 2.4           | 0.4          | ..              |
| L.S.D. 30% LEVEL.....     | 3.7           | ..           | 0.3          | 5                | ..              | 3.7           | ..           | 0.2          | 3                | ..              | 1.4           | 0.3          | ..              |
| STD ERR OF MEAN.....      | 2.4           | ..           | 0.2          | 3                | 0.0             | 2.5           | ..           | 0.1          | 2                | 0.0             | 1.0           | 0.2          | 0.1             |

Soybean Variety Trial Results  
**DIXON SPRINGS (30-INCH ROW SPACING)**

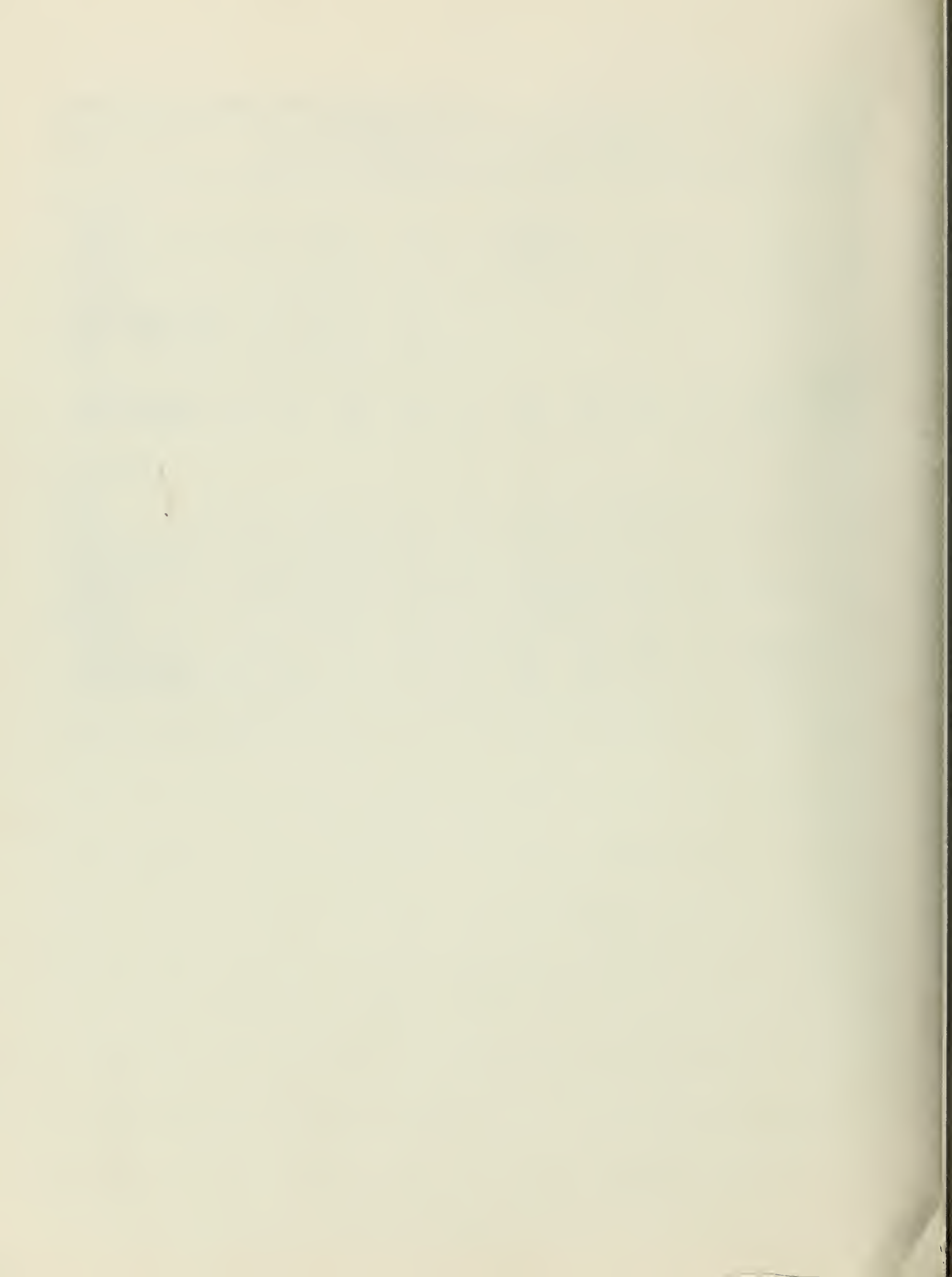
| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| Maturity Group III        |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| COKER                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 393.....                  | 49.2          | 9/14         | 3.2          | 42               | 1.7             |               |              |              |                  |                 |               |              |                 |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 360.....               | 49.4          | 9/15         | 2.3          | 47               | 2.0             | 40.7          | 10/09        | 1.3          | 34               | 1.0             |               |              |                 |
| 350.....                  | 46.4          | 9/13         | 3.2          | 43               | 2.3             | 41.6          | 10/09        | 1.5          | 35               | 1.0             | 46.2          | 1.5 1.0      |                 |
| FUNK                      |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 12172.....                | 42.8          | 9/12         | 1.3          | 34               | 1.0             |               |              |              |                  |                 |               |              |                 |
| GOLD TAG                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1380.....              | 43.3          | 9/12         | 1.8          | 43               | 2.0             | 47.7          | 10/07        | 1.5          | 37               | 1.0             | 59.2          | 1.3 1.0      |                 |
| HELENA                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BRAND 301.....            | 38.5          | 9/12         | 3.2          | 39               | 3.3             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 3482.....             | 44.5          | 9/12         | 1.5          | 37               | 2.7             |               |              |              |                  |                 |               |              |                 |
| WASHINGTON 5.....         | 30.4          | 9/12         | 2.0          | 36               | 3.3             | 36.1          | 10/04        | 1.2          | 31               | 1.0             |               |              |                 |
| NORTHROP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV39-19.....              | 40.8          | 9/13         | 1.7          | 41               | 2.3             | 46.4          | 10/11        | 1.2          | 34               | 1.0             |               |              |                 |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CB391.....                | 37.8          | 9/13         | 2.2          | 45               | 1.7             | 43.6          | 10/05        | 1.7          | 36               | 1.0             | 44.9          | 1.1 1.0      |                 |
| CX380.....                | 36.9          | 9/12         | 1.3          | 37               | 1.7             |               |              |              |                  |                 |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CUMBERLAND.....           | 50.6          | 9/12         | 3.0          | 40               | 1.3             | 31.5          | 10/04        | 1.0          | 27               | 1.0             |               |              |                 |
| ELF.....                  | 41.4          | 9/15         | 1.0          | 19               | 1.3             | 36.1          | 10/09        | 1.0          | 17               | 1.0             | 46.1          | 1.0 1.0      |                 |
| FAYETTE.....              | 42.9          | 9/08         | 1.8          | 44               | 2.3             | 37.7          | 10/05        | 1.7          | 33               | 1.0             |               |              |                 |
| HOBBIT.....               | 39.0          | 9/12         | 1.0          | 20               | 1.0             | 38.4          | 10/06        | 1.0          | 20               | 1.0             |               |              |                 |
| PELLA.....                | 39.5          | 9/12         | 1.8          | 41               | 2.0             | 37.8          | 10/04        | 1.5          | 27               | 1.0             | 54.5          | 1.1 1.0      |                 |
| SPRITE.....               | 43.8          | 9/12         | 1.0          | 21               | 1.0             | 38.5          | 10/05        | 1.2          | 20               | 1.0             | 42.2          | 1.0 1.0      |                 |
| WILLIAMS 79.....          | 41.4          | 9/12         | 2.7          | 41               | 1.7             | 42.6          | 10/05        | 1.3          | 31               | 1.0             | 47.3          | 3.0 1.0      |                 |
| WILLIAMS 82.....          | 45.9          | 9/12         | 2.3          | 42               | 1.0             | 43.0          | 10/08        | 1.2          | 32               | 1.0             |               |              |                 |
| WILL.....                 | 33.6          | 9/12         | 1.5          | 26               | 2.7             | 39.4          | 10/02        | 1.3          | 25               | 1.0             |               |              |                 |
| AVERAGE.....              | 41.9          | ..           | 2.0          | 37               | 1.9             | 40.2          | ..           | 1.3          | 30               | 1.0             | 49.0          | 1.8 1.0      |                 |
| L.S.D. 10% LEVEL.....     | 7.1           | ..           | 1.1          | 3                | 0.7             | ..            | ..           | 0.3          | 3                | ..              | ..            | ..           |                 |
| L.S.D. 30% LEVEL.....     | 4.4           | ..           | 0.7          | 2                | 0.5             | ..            | ..           | 0.2          | 2                | ..              | ..            | ..           |                 |
| STD ERR OF MEAN.....      | 3.0           | ..           | 0.4          | 1                | 0.3             | 2.9           | ..           | 0.1          | 1                | 0.0             | 5.6           | ..           |                 |
| Maturity Group IV         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 350.....               | 50.8          | 9/20         | 4.0          | 52               | 1.7             | 50.2          | 10/15        | 1.3          | 42               | 1.0             | 53.5          | 1.3 1.0      |                 |
| AP 420.....               | 49.7          | 9/17         | 3.8          | 54               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AGRD-SOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 69.....                   | 58.1          | 9/24         | 4.0          | 51               | 1.0             | 48.6          | 10/17        | 1.2          | 37               | 1.0             |               |              |                 |
| BELLATTI                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EXP. W. W. ....           | 45.9          | 9/12         | 3.3          | 51               | 1.3             |               |              |              |                  |                 |               |              |                 |
| SEMI-DWARF.....           | 49.4          | 9/24         | 4.3          | 36               | 1.3             | 46.4          | 10/17        | 1.3          | 31               | 1.0             | 48.0          | 2.4 1.0      |                 |
| FS HISOY                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HS 450.....               | 61.9          | 9/18         | 3.2          | 44               | 1.0             | 48.6          | 10/11        | 1.5          | 35               | 1.0             |               |              |                 |
| 425.....                  | 51.1          | 9/18         | 3.5          | 48               | 2.0             | 46.8          | 10/11        | 1.3          | 35               | 1.0             | 52.7          | 2.0 1.0      |                 |
| 480.....                  | 59.2          | 9/22         | 4.3          | 51               | 1.0             | 44.2          | 10/15        | 1.2          | 38               | 1.0             | 56.0          | 2.7 1.0      |                 |
| GOLD TAG                  |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GT 1440.....              | 54.8          | 9/24         | 3.5          | 44               | 1.0             | 47.5          | 10/11        | 1.2          | 37               | 1.0             | 55.2          | 4.2 1.0      |                 |
| HELENA PREFERRED          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| STEVENS.....              | 46.3          | 9/24         | 3.5          | 50               | 1.3             | 43.4          | 10/12        | 1.3          | 41               | 1.0             |               |              |                 |
| HELENA                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| BRAND 401.....            | 51.4          | 9/24         | 4.3          | 51               | 1.0             |               |              |              |                  |                 |               |              |                 |
| J M SCHULTZ               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| JMS 4982.....             | 60.2          | 9/24         | 4.2          | 47               | 1.0             | 52.8          | 10/13        | 1.5          | 41               | 1.0             |               |              |                 |
| MITCHELL.....             | 56.0          | 9/24         | 4.0          | 47               | 1.3             | 47.1          | 10/15        | 1.0          | 35               | 1.0             | 49.9          | 2.2 1.0      |                 |
| VICTOR.....               | 53.7          | 9/18         | 3.3          | 44               | 1.3             | 42.0          | 10/12        | 1.2          | 33               | 1.0             | 51.6          | 1.6 1.0      |                 |
| MIGRO                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| HP4800.....               | 47.6          | 9/12         | 4.0          | 39               | 1.0             | 47.2          | 10/08        | 1.0          | 29               | 1.0             |               |              |                 |
| NORTHROP KING CO.         |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MV95.....                 | 58.5          | 9/22         | 4.2          | 51               | 1.0             | 49.2          | 10/15        | 1.3          | 35               | 1.0             |               |              |                 |
| S40-44.....               | 51.0          | 9/15         | 2.8          | 44               | 1.3             | 43.5          | 10/06        | 1.3          | 34               | 1.0             |               |              |                 |
| PFIZER GENETICS           |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| CB425.....                | 44.3          | 9/14         | 3.3          | 53               | 1.7             | 44.6          | 10/11        | 1.2          | 37               | 1.0             | 46.4          | 2.6 1.0      |                 |
| CX482.....                | 63.6          | 9/24         | 3.8          | 52               | 1.0             |               |              |              |                  |                 |               |              |                 |

DIXON SPRINGS (30-INCH ROW SPACING), continued

| BRAND<br>VARIETY OR BLEND | 1982 RESULTS  |              |              |                  |                 | 1981 RESULTS  |              |              |                  |                 | 1980 RESULTS  |              |                 |
|---------------------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|--------------|------------------|-----------------|---------------|--------------|-----------------|
|                           | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | MAT.<br>DATE | LODG-<br>ING | HEIGHT<br>(INCH) | SHAT-<br>TERING | YIELD<br>BU/A | LODG-<br>ING | SHAT-<br>TERING |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| DE SOTO.....              | 55.4          | 9/18         | 3.7          | 48               | 1.0             | 46.2          | 10/09        | 1.2          | 35               | 1.0             | 55.8          | 1.6          | 1.0             |
| FRANKLIN.....             | 42.1          | 9/21         | 3.2          | 48               | 1.3             | 43.2          | 10/10        | 1.5          | 40               | 1.0             | 41.0          | 2.0          | 1.0             |
| LAWRENCE.....             | 53.3          | 9/15         | 3.0          | 42               | 1.3             | 40.2          | 10/11        | 1.0          | 34               | 1.0             |               |              |                 |
| PIXIE.....                | 56.5          | 9/18         | 1.2          | 20               | 1.0             | 48.6          | 10/10        | 1.2          | 21               | 1.0             | 57.1          | 1.0          | 1.0             |
| UNION.....                | 49.6          | 9/14         | 3.7          | 52               | 1.3             | 44.9          | 10/10        | 1.2          | 39               | 1.0             | 44.3          | 3.0          | 1.0             |
| RING AROUND               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| MITCHELL-450.....         | 57.2          | 9/22         | 3.2          | 46               | 1.0             | 44.2          | 10/19        | 1.3          | 38               | 1.0             | 37.4          | 2.7          | 1.0             |
| RA-403.....               | 52.3          | 9/24         | 3.5          | 48               | 1.3             |               |              |              |                  |                 |               |              |                 |
| TAYLOR-EVANS              |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| GOLDEN ACRES GA 8450..... | 52.0          | 9/24         | 2.5          | 44               | 1.7             |               |              |              |                  |                 |               |              |                 |
| GOLDEN ACRES GA 8490..... | 59.1          | 9/22         | 4.3          | 56               | 1.0             |               |              |              |                  |                 |               |              |                 |
| VORIS                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| 465.....                  | 50.5          | 9/12         | 3.7          | 50               | 1.0             |               |              |              |                  |                 |               |              |                 |
| 495.....                  | 53.5          | 9/22         | 3.7          | 49               | 1.0             |               |              |              |                  |                 |               |              |                 |
| AVERAGE.....              | 53.0          | ..           | 3.6          | 47               | 1.2             | 44.9          | ..           | 1.3          | 36               | 1.0             | 49.8          | 2.3          | 1.0             |
| L.S.D. 10% LEVEL.....     | 6.6           | ..           | 0.6          | 4                | ..              | 5.8           | ..           | 0.4          | 4                | ..              | 5.5           | ..           | ..              |
| L.S.D. 30% LEVEL.....     | 4.2           | ..           | 0.4          | 3                | ..              | 3.6           | ..           | 0.2          | 2                | ..              | 3.4           | ..           | ..              |
| STD ERR OF MEAN.....      | 2.8           | ..           | 0.2          | 2                | 0.2             | 2.5           | ..           | 0.2          | 2                | 0.0             | 2.3           | ..           | ..              |
| Maturity Group V          |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AGRIPRO                   |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| AP 55.....                | 44.5          | 9/21         | 3.0          | 41               | 1.0             | 32.2          | 10/29        | 1.7          | 37               | 1.0             |               |              |                 |
| COKER                     |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| XP 79-5.....              | 74.4          | 9/20         | 3.7          | 39               | 1.0             | 42.0          | 10/24        | 1.0          | 28               | 1.0             |               |              |                 |
| HELENA                    |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| EXP. HB-S8120-5.....      | 45.1          | 9/25         | 4.0          | 42               | 1.0             |               |              |              |                  |                 |               |              |                 |
| EXP. HB-466D1-5.....      | 38.9          | 9/23         | 2.7          | 41               | 1.0             | 28.5          | 10/30        | 1.8          | 39               | 1.0             |               |              |                 |
| PUBLIC VARIETY            |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| ESSEX.....                | 44.6          | 9/20         | 2.7          | 29               | 1.0             | 40.1          | 10/24        | 1.0          | 31               | 1.0             | 42.1          | 2.5          | 1.0             |
| NATHAN.....               | 52.7          | 9/22         | 3.2          | 40               | 1.0             | 34.2          | 10/24        | 1.8          | 38               | 1.0             |               |              |                 |
| RING AROUND               |               |              |              |                  |                 |               |              |              |                  |                 |               |              |                 |
| RA-401.....               | 59.7          | 9/19         | 2.3          | 45               | 1.0             | 38.4          | 10/15        | 1.0          | 34               | 1.0             |               |              |                 |
| AVERAGE.....              | 51.4          | ..           | 3.1          | 40               | 1.0             | 36.0          | ..           | 1.4          | 35               | 1.0             | 37.1          | 2.7          | 1.1             |
| L.S.D. 10% LEVEL.....     | 8.3           | ..           | ..           | 5                | ..              | 5.7           | ..           | 0.5          | 3                | ..              | 8.3           | 1.0          | ..              |
| L.S.D. 30% LEVEL.....     | 5.0           | ..           | ..           | 3                | ..              | 3.5           | ..           | 0.3          | 2                | ..              | 5.1           | 0.4          | ..              |
| STD ERR OF MEAN.....      | 3.3           | ..           | 0.4          | 2                | 0.0             | 2.3           | ..           | 0.2          | 1                | 0.0             | 3.4           | 0.4          | 0.2             |









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