


no. 1152  
cop. 5





UNIVERSITY OF  
AT URBANA-CHAMPAIGN  
Digitized by the Internet Archive  
in 2011 with funding from  
University of Illinois Urbana-Champaign



CIRCULATING COPY  
AGRICULTURE LIBRARY



# 1977 PERFORMANCE OF COMMERCIAL SOYBEANS IN ILLINOIS

plots were located on a Cisne silt loam, a poorly drained gray prairie soil with a well-developed claypan. The natural fertility of this soil is not high, but good fertilization practices and crop rotations have brought the yield potential of the field to a moderately high level. The 1977 growing season was good. This test was planted May 25 and harvested November 11.

**Belleville.** This test was located on the Southern Illinois University Research Center at Belleville in St. Clair County. George Kapusta and Chuck Strieker were the cooperating agronomists. The trial was located on an Ebbert silt loam soil. The 1977 growing season was generally good for soybeans. This test was planted May 26 and harvested according to variety maturity on September 20 and 29, and November 9.

**Carbondale.** This test was located on the campus farm of Southern Illinois University at Carbondale in

Jackson County. George Kapusta and Jim Hubbard were the cooperating agronomists. The test plots were located on a Weir silt loam soil, and were in beans in 1975 and 1976. The 1977 growing season was dry. This trial was planted May 26 and harvested on November 8.

**Dixon Springs.** This test was located on the University of Illinois Research Center at Dixon Springs in Pope County. George McKibben was the cooperating agronomist. The test plots were located on a Sharon silt loam—a light-colored, moderately well-drained, medium-textured, bottomland soil.

Although the 1977 growing season was very favorable for crop growth, lodging and poor seed quality were problems in many varieties. Some varieties (as noted in results) showed substantial shattering at the time of harvest. This test was planted May 26 and harvested on November 3 and 4.

#### Sources of Seed

---

Ag Seeds, Inc., P.O. Box 316, Carthage, IL 62321  
Americana Seeds, Inc., R.R. 1, Clinton, WI 53525  
The Andersons, P.O. Box 119, Maumee, OH 43537  
Asgrow Seed Company, P.O. Box 1059, Des Moines, IA 50053  
Louis Bellatti, R.R. 2, Mt. Pulaski, IL 62548  
Bergmann Taylor Seeds, Inc., St. Jacob, IL 62281  
Farmers Forage Research Cooperative, 4112 E. State Road 225,  
W. Lafayette, IN 47906  
Ferry-Morse Seed Company, 600 E. Exchange St., Geneseo, IL  
61254  
FS Services, Inc., 1701 Towanda Ave., Bloomington, IL 61701  
Funk Seeds International, Inc., 1300 W. Washington Street,  
Bloomington, IL 61701  
Fred Gutwein & Sons, Inc., Box 40, Francesville, IN 47946  
Hoblitt Seed Company, Atlanta, IL 61723  
Kruger Seed Co., R.R. 4, Cedar Falls, IA 50613  
Landers Seed Company, Inc., P.O. Box 120, Sullivan, IL 61951  
Lewis Seeds, Inc., P.O. Box 36, Ursa, IL 62376  
Lynnville Seed Company (Riverside Varieties), Lynnville, IA  
50153  
McAllister Seed, P.O. Box 28, Mt. Pleasant, IA 52641

McCurdy Seed Company, Fremont, IA 52561  
Mora-Soy Seeds, Dale Ewing, Jewell, IA 50130  
North American Plant Breeders, R.R. 3, Ames, IA 50010  
Northrup, King and Company, P.O. Box 49, Washington, IA  
52353  
Peterson Soybean Seed Division, Pioneer Hi-Bred Interna-  
tional, Inc., P.O. Box 3146, Champaign, IL 61820  
Pfizer Genetics, Box 99, Beaman, IA 50609  
Pride Company, Inc., Glen Haven, WI 53801  
Ring Around Products, Inc., P.O. Box 1629, Plainview, TX  
79072  
J.M. Schultz Seed Company, Dieterich, IL 62424  
SeedKem, Inc., P.O. Box 3128, 526 N.W. 4th St., Evansville,  
IN 47701  
Seedmakers, Inc., Princeville, IL 61559  
Soybean Research Foundation, Inc., P.O. Box 72, Mason City,  
IL 62664  
Stewart Hybrids, Inc., R.R. 1, Princeville, IL 61559  
V.R. Seeds, Inc., Box M, Plymouth, IN 46563  
Voris Seeds, Inc., Box 457, Windfall, IN 46076

---

### Seed Germinations

Company source	Brand (X), Variety (V), or Blend (B)	May, 1977 greenhouse germination (pct.)	May, 1977 germination (pct.)	Company source	Brand (X), Variety (V), or Blend (B)	May, 1977 greenhouse germination (pct.)	May, 1977 germination (pct.)
Ag Seeds	B7250 (B)	92	24	NAPB Agripro	20 (V)	88	41
Ag Seeds	B7460 (B)	94	35	NAPB Agripro	25 (V)	87	31
Americana	207 (V)	96	41	NAPB Agripro	27 (V)	87	47
Americana	210 (V)	97	72	NAPB Agripro	35 (V)	90	35
Americana	213 (V)	90	52	NAPB Agripro	36 (V)	87	48
Americana	230 (V)	94	32	NAPB Agripro	Exp. 418 (V)	88	36
Americana	233 (V)	88	68	Norstrup King	101644 (V)	96	76
Americana	265 (V)	94	70	Norstrup King	HW51 (B)	90	64
Americana	271 (V)	87	67	Norstrup King	HW61 (B)	86	51
Americana	352 (V)	95	72	Norstrup King	HW72 (B)	82	53
Americana	XK311 (V)	92	40	Norstrup King	HW80 (B)	86	40
Americana	XK333 (V)	98	20	Norstrup King	HW91 (B)	86	33
Americana	XK351 (V)	92	68	Norstrup King	S1474 (V)	84	44
Americana	XK440 (V)	100	57	Norstrup King	S1482 (V)	92	61
Americana	XK505 (V)	100	72	Norstrup King	S1578 (V)	90	55
Americana	XK585 (V)	94	55	Peterson	105P (B)	81	60
Americana	XK70 (B)	94	49	Peterson	125 (B)	87	55
Americana	XR244 (B)	88	47	Peterson	2120-T (B)	92	54
Anderson	AP5200 (V)	100	44	Peterson	3100 (B)	86	57
Anderson	AP5300 (V)	100	60	Peterson	3105 (B)	88	76
Asgrow	A1544 (V)	100	64	Peterson	3175 (B)	87	48
Asgrow	A2440 (V)	96	44	Peterson	P2477 (V)	78	78
Asgrow	A2575 (V)	96	76	Peterson	P2877 (V)	70	76
Asgrow	A2556 (V)	92	83	Peterson	P3377 (B)	84	75
Asgrow	A2770 (V)	94	85	Pfizer	Z38-75 (B)	88	88
Asgrow	A3440 (B)	90	67	Pfizer	Z1-76 (B)	88	88
Asgrow	A3585 (V)	100	81	Pfizer	9L-75 (B)	91	73
Asgrow	XP3127 (V)	100	85	Pfizer	CB 347 (B)	86	80
Asgrow	XP3297 (V)	98	80	Pfizer	CB 390 (B)	90	78
Asgrow	XP3855 (V)	100	80	Pfizer	CB 427 (B)	88	74
Asgrow	XP4136 (V)	94	78	Pfizer	CX 114 (V)	84	71
Asgrow	XP4788 (V)	100	85	Pfizer	CX 175 (V)	90	74
Bellatti	04 (V)	98	45	Pfizer	CX 215 (V)	88	73
Bellatti	09 (V)	98	63	Pfizer	CX 276 (V)	90	44
Bellatti	81 (V)	98	73	Pfizer	CX 285 (V)	82	66
Bellatti	D1 (V)	98	58	Pfizer	CX 290 (V)	97	88
Bellatti	D2 (V)	100	55	Pfizer	CX 350 (V)	90	89
Bellatti	L26-Exp. (V)	98	65	Pfizer	E 94-7 (V)	82	78
Bellatti	L263 (V)	100	34	Pfizer	E 414 (V)	87	78
Bellatti Seedmaker	1E (V)	94	46	Pride	B216 (V)	86	44
Bernheim Taylor BTM	23 (V)	92	36	Pride	PK205 (B)	70	70
FFR	111 (V)	96	49	Pride	PK305 (B)	80	80
FFR	223 (V)	96	76	Pride	PK405 (B)	82	72
FFR	224 (V)	90	72	Ring Around	RA-31 (B)	84	64
FFR	336 (V)	98	60	Ring Around	RA-35 (V)	92	80
FFR	444 (V)	100	41	Ring Around	RA-41 (B)	88	78
FFR	556 (V)	98	78	Ring Around	RA-135(a)-2 (B)	88	88
FFR	2189 (V)	94	54	Riverside	74-57 (V)	80	82
FFR	4702 (V)	100	77	Riverside	74-123 (B)	80	80
FS Hisoy	215 (B)	96	58	Schultz	Mitchell (V)	76	50
FS Hisoy	225 (B)	94	50	Schultz	Havahoe (V)	76	50
FS Hisoy	295 (B)	100	54	Schultz	Shawnee (V)	78	78
FS Hisoy	300 (B)	100	67	Schultz	Washington IV (V)	75	75
FS Hisoy	340 (B)	94	53	Seedkem	SKB250 (B)	72	61
Ferry-Morse Goldtag	1220 (V)	91	65	Seedkem	SKB310 (V)	85	75
Ferry-Morse Goldtag	1250 (V)	96	73	Seedkem	SKB400 (V)	84	84
Ferry-Morse Goldtag	1270 (V)	100	60	Seedkem	SKB455 (B)	80	84
Ferry-Morse Goldtag	1310 (V)	90	75	Seedkem	SKB460 (V)	80	83
Ferry-Morse Goldtag	1330 (V)	92	84	Seedmaker	3-A (V)	66	61
Ferry-Morse Goldtag	1410 (V)	92	100	Seedmaker	3-G (V)	74	80
Ferry-Morse Goldtag	1420 (V)	90	76	Seedmaker	4-G (V)	70	80
Ferry-Morse McKey	1100 (V)	96	70	Seedmaker	5-C (V)	58	68
Funk	12003 (V)	100	84	Seedmaker	5-E (V)	62	60
Funk	63122 (V)	88	84	Seedmaker	6-C (V)	64	68
Butwein	210 (V)	94	91	Seedmaker	6-E (V)	84	84
Butwein	220 (V)	94	75	Seedmaker	7-E (V)	90	75
Butwein	330 (V)	98	86	Seedmaker	27091K (V)	88	87
Butwein	380 (V)	96	87	Seedmaker	274211 (V)	80	87
Hoblitt	2-4 (B)	94	88	Seedmaker	37091K (V)	88	88
Hoblitt	2-5 (V)	92	43	Seedmaker	47093C (V)	84	75
Kruger	DS333A (XB)	100	74	Seedmaker	47093F (V)	88	83
Kruger	DS333R (XB)	98	66	SFF	70-10546 (V)	100	100
Kruger	DS379A (XB)	100	69	SFF	72-3176 (V)	100	100
Kruger	DS737 (XB)	98	56	SFF	72-3299 (V)	92	92
Kruger	DS747A (XB)	98	73	SFF	X73-89 (V)	92	92
Kruger	DS808E (XB)	96	74	Super-Soy	440 (B)	84	84
Kruger	DS850 (XB)	100	54	Super-Soy	450 (B)	82	84
Kruger	DS850 (XB)	86	60	Super-Soy	460 (B)	80	87
Kruger	K-464A (XV)	98	74	Super-Soy	470 (B)	88	73
Kruger	K1005 (XV)	96	43	Voris	B200 (B)	86	80
Kruger	K-2010 (XV)	93	70	Voris	B300 (B)	80	83
Kruger	K-3015 (XV)	94	70	Voris	B350 (B)	94	73
Landers	3510R (B)	98	51	Voris-Soy	245 (V)	74	81
Landers	Exp. 77-6102 (B)	94	78	Voris-Soy	285 (V)	76	76
Landers	Exp. 77-6303 (B)	92	69	Voris-Soy	405 (V)	80	80
Landers	Exp. 77-6315 (B)	96	77	Voris-Soy	465	84	77
Landers	Exp. 77-6503 (B)	96	67	V. R.	Allen (V)	80	80
Landers	Exp. 77-6712 (B)	94	81	V. R.	Classic I (V)	80	82
Lewis	78 (V)	94	69	V. R.	Classic II (V)	80	80
Lewis	98 (V)	94	62	V. R.	Delta (V)	82	82
Lewis	21 (V)	92	69	V. R.	Raft (V)	88	84
Lewis	31 (V)	80	87	Public varieties	Amsoy 71 (V)	86	80
Lewis	32 (V)	92	87	Public varieties	Beeson (V)	84	84
Lewis	41 (V)	92	67	Public varieties	Bonus (V)	100	100
Lewis	42 (V)	50	81	Public varieties	Columbus (V)	86	86
McAllister Masco	442 (B)	74	80	Public varieties	Corsoy (V)	84	86
McAllister Masco	1376 (V)	84	61	Public varieties	Custer (V)	100	100
McAllister Masco	4444 (B)	84	56	Public varieties	Elf (V)	80	80
McAllister Masco	SD77 (V)	82	60	Public varieties	Essex (V)	84	81
McCurdy	101+ (XB)	68	56	Public varieties	Forrest (V)	84	81
McCurdy	102 (XB)	84	76	Public varieties	Harcor (V)	84	84
McCurdy	103 (XB)	90	61	Public varieties	Hark (V)	88	88
McCurdy	108 (XB)	88	74	Public varieties	Iowa A74-30+12 (V)	88	88
McCurdy	109+ (XB)	84	44	Public varieties	Iowa A74-80+011 (V)	88	88
McCurdy	MS00A (XB)	92	50	Public varieties	Kent (V)	80	80
Mora-Soy	55 (XB)	92	60	Public varieties	L-71 (V)	88	88
Mora-Soy	66 (XB)	94	50	Public varieties	Esmona (V)	80	80
Mora-Soy	77 (XB)	98	50	Public varieties	Mayne (V)	80	80
Mora-Soy	88 (XB)	92	74	Public varieties	Uell (V)	80	80
Mora-Soy	88 (XB)	98	79	Public varieties	Williams (V)	80	84
Mora-Soy	98R (XB)	81	39	Public varieties	Stewart Supersoy (V)	80	80
NAPB Agripro	14 (B)	90	34				
NAPB Agripro	18 (B)	98	48				

NOTE: In above table "Super-Soy" should read "Stewart Supersoy."

## DeKalb Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
<b>MATURITY GROUP I</b>										
Asgrow A1564	51.2	3.5	9/15	42	35.0	1.2	34			
FFR 111	48.9	3.9	9/24	45	29.8	1.4	36	52.2	3.0	42
Funk G-NAIRN	42.2	2.1	9/10	44						
Hark	50.6	1.1	9/24	43	36.7	1.3	36	48.1	1.2	46
Pfizer CX114	53.0	2.3	9/26	45	36.0	1.1	31	45.2	1.6	36
Pfizer CX175	56.3	1.4	10/1	45						
Seedmaker 3-A	48.8	3.4	9/25	49	39.8	1.4	38			
Mean	50.1	2.5		44	32.9	1.2	33	47.5	2.0	37
L.S.D. 10	3.3									
L.S.D. 30	2.0									
C.V.	5.3									
<b>MATURITY GROUP II</b>										
Americana A207	52.8	1.2	9/27	43						
Americana A210	57.8	2.5	9/29	45						
Americana A230	57.1	1.2	10/8	48						
Americana XK505	56.9	1.3	9/30	45	41.8	1.0	39	47.2	1.2	40
Americana XR244	56.2	3.8	9/29	46						
Amsoy '71	58.6	1.4	10/2	49	39.0	1.1	36	45.4	3.0	34
Asgrow A2440	57.1	3.9	9/30	46	43.0	1.0	38	49.6	2.2	34
Asgrow A2575	58.1	1.3	9/27	46						
Asgrow A2656	59.3	3.0	9/28	49	47.5	1.1	38	48.7	1.3	40
Beeson	56.5	2.6	10/1	47						
Corsoy	55.9	4.1	10/1	46	41.2	1.3	35	51.4	4.0	38
FFR 223	52.6	3.8	9/26	47	35.1	1.4	38			
FFR 224	51.9	3.7	10/3	41						
FFR 2189	51.4	1.8	(a)	45						
FS HiSOY 215	53.2	2.6	9/30	48	42.5	1.3	37			
FS HiSOY 225	59.0	1.3	9/30	47	41.5	1.4	36	45.8	3.0	36
Ferry-Morse Gold Tag 1220	55.5	1.1	9/26	45						
Ferry-Morse Gold Tag 1250	60.7	1.4	10/2	44						
Ferry-Morse McKoy 1100	52.3	2.0	9/30	46	38.0	1.1	38	51.1	3.0	40
Gutwein 210	58.4	2.6	10/4	47						
Gutwein 220	54.9	1.6	10/3	46	43.0	1.1	34			
Harcor	58.8	3.9	10/3	47						
Kruger Desoy 333A	59.7	4.0	9/30	46	37.8	1.2	35			
Kruger Desoy 333R	58.2	3.8	10/1	41						
Kruger Desoy 707A	57.5	2.0	9/30	46	40.4	1.0	32			
Kruger Desoy 737	57.2	1.2	10/3	44						
Kruger K-464A	56.2	2.0	9/26	45						
Kruger K-1005	54.7	1.1	9/27	46						
Landers Exp. 77-6102	60.5	2.6	9/31	45						
Landers Exp. 77-6303	56.6	4.5	9/26	43						
Landers Exp. 77-6503	57.9	2.4	9/31	45						
McCurdy 101+	54.7	2.2	9/30	46	38.7	1.0	38	48.0	1.3	38
McCurdy 102	55.5	1.6	9/28	44	36.0	1.0	36			
Mora-Soy 55	56.1	2.5	10/3	48						
Mora-Soy 88	55.0	1.8	10/1	44						
N.A.P.B. Agripro 14	53.6	2.8	9/20	41						
N.A.P.B. Agripro 18	54.8	3.3	9/28	42	37.3	1.0	36	48.5	1.1	40
N.A.P.B. Agripro 20	58.7	1.2	9/27	47	39.3	1.1	33			
Northrup-King S1578	56.3	2.8	9/29	43						
Northrup-King MW51	52.8	3.2	10/2	48	41.4	1.0	38	52.4	1.3	42
Northrup-King MW61	57.1	2.3	10/3	45	38.5	1.2	34			
Northrup-King S1474	59.6	4.8	10/4	44	39.4	1.2	35	47.6	3.5	40
Northrup-King S1492	61.6	1.3	9/30	43	41.9	1.1	34	55.2	1.1	30
Peterson 105-P	56.3	3.7	9/30	48	38.1	1.1	39	46.8	1.9	38
Peterson 3100	56.4	2.0	9/29	47	37.2	1.0	32	46.8	2.4	36
Peterson 3105	57.7	1.8	(a)	47	34.4	1.2	36	54.9	2.5	41
Peterson P2477	56.5	2.5	9/31	45						
Peterson P2877	56.5	2.1	10/4	46						
Pfizer 2ER-75	56.6	2.5	9/30	48	42.1	1.0	36	46.7	2.6	38
Pfizer 2L-76	57.6	1.3	10/3	46						
Pfizer CX215	57.9	2.3	10/6	46						
Pfizer CX276	55.3	2.7	9/31	45						
Pfizer CX285	53.7	1.7	10/5	44						

(a) Killed by frost.



### DeKalb Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Pfizer CX290	56.7	1.2	10/3	43	38.3	1.0	35			
Pfizer E94-7	55.4	1.4	10/2	45						
Pride B-216	63.7	2.0	9/28	44	40.5	1.2	32	50.9	2.3	42
Pride PK205	58.4	1.2	10/1	48						
Schultz Navahoe	54.0	1.4	9/26	43						
Schultz Shawnee	57.9	1.3	10/5	45	39.3	1.1	33			
Seedkem SKB250	58.6	1.2	9/27	45						
Seedmaker 5-C	56.4	3.0	10/9	46	41.0	1.4	38	54.6	1.3	36
Seedmaker 6-C	50.1	1.6	9/27	48						
Seedmaker 27091K	53.1	1.2	9/29	50						
Seedmaker 27421I	55.2	4.6	9/22	46						
SRF 72-3176	52.6	1.7	10/9	49						
Stewart Supersoy 440	58.8	1.8	10/1	43						
Stewart Supersoy 450	55.1	4.0	10/5	46						
Voris B200	56.9	1.8	9/28	46	43.3	1.0	32	51.4	4.0	38
Voris-Soy 245	56.7	4.2	9/31	46	39.2	1.0	37	58.1	4.5	36
Wells	54.6	1.1	9/25	45	40.1	1.0	35	46.1	1.1	34
Mean	56.4	2.2		45	38.5	1.1	36	47.5	2.0	37
L.S.D. 10	3.5									
L.S.D. 30	2.2									
C.V.	5.3									
MATURITY GROUP III										
Americana XK585	59.0	2.6	(a)	45	36.0	1.2	40			
Elf	51.8	1.1	(a)	37						
L-21	52.1	2.8	(a)	46						
Pride PK305	55.6	1.5	10/2	41						
Seedkem SKB310	59.6	1.3	(a)	44						
SRF 72-3299	57.4	1.3	(a)	44						
Williams	50.2	1.1	(a)	44	29.2	1.2	40	52.1	1.1	44
Woodworth	55.7	1.2	(a)	42	31.8	1.3	36	51.5	1.5	42
Mean	55.2	1.6		43	36.8	1.1	37	47.5	2.0	37
L.S.D. 10	2.1									
L.S.D. 30	1.3									
C.V.	3.1									

(a) Killed by frost.

### Elwood Soybean Variety Trial Results

Brand and entry	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Brand and entry	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)
MATURITY GROUP I					MATURITY GROUP III				
Hark	40.0	1.2	9/24	40	Elf	49.0	1.1	(a)	27
MATURITY GROUP II					Iowa A74-303012	38.9	1.7	10/2	41
Amsoy '71	39.5	1.7	9/28	46	Iowa A74-303013	42.5	1.6	10/8	42
Beeson	39.2	1.4	9/27	43	L-21	43.4	2.2	10/10	48
Corsoy	36.5	2.3	9/27	42	Wayne	36.3	1.5	10/6	45
Harcor	38.3	2.5	9/27	46	Williams	41.1	1.4	10/8	45
Wells	44.9	1.1	9/25	42	Woodworth	40.0	2.0	10/8	44
					Grand mean	40.1	1.6		43
					L.S.D. 10	3.2			
					L.S.D. 30	2.0			
					C.V.	6.5			

(a) Killed by frost.

## Macomb-Carthage Soybean Variety Trial Results

Brand and entry	1977 results				1976 results		
	Yield (bu.)	Lodging score	Maturity date (a)	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
<b>MATURITY GROUP I</b>							
Pfizer CX114 .....	42.5	3.1	...	32			
Pfizer CX175 .....	37.4	4.0	...	31			
<b>MATURITY GROUP II</b>							
Ag-Seeds B7250 .....	52.4	1.5	...	42	43.5	2.3	39
Americana XK505 .....	48.2	3.5	...	35	41.5	1.2	40
Amsoy '71 .....	49.7	1.6	...	38	47.2	1.2	42
Anderson AFS200 .....	45.8	2.1	...	35			
Asgrow A2440 .....	43.8	3.8	...	34			
Asgrow A2575 .....	50.2	1.2	...	34			
Asgrow A2656 .....	45.4	3.2	...	34	41.2	1.1	37
Beeson .....	49.3	1.4	...	36	49.4	1.2	36
FFR 223 .....	43.3	3.7	...	34	42.1	1.8	40
FFR 224 .....	49.4	2.7	...	30			
F.S. HiSoy 225 .....	42.6	2.7	...	35	47.6	1.9	41
F.S. HiSoy 295 .....	47.5	1.8	...	40	45.9	1.9	40
Ferry-Morse Gold Tag 1250 .....	54.9	1.3	...	34			
Ferry-Morse Gold Tag 1270 .....	54.2	1.1	...	38			
Ferry-Morse McKoy 1100 .....	49.3	1.8	...	35	45.5	1.2	43
Harcor .....	45.9	2.3	...	36			
Hoblit 2-4 .....	48.4	1.3	...	42	45.7	1.5	38
Hoblit 2-5 .....	51.2	3.0	...	41			
Kruger DeSoy 737 .....	48.8	1.6	...	38			
Kruger DeSoy 747A .....	41.9	3.0	...	36	47.1	1.1	39
Kruger K-464A .....	51.1	4.2	...	36			
Kruger K-2010 .....	49.9	1.2	...	38			
Kruger K-3015 .....	54.4	1.2	...	38			
Lewis 21 .....	50.4	1.9	...	37	47.1	2.2	38
McCurdy 101+ .....	41.0	4.0	...	35	43.3	1.9	40
Mora-Soy 66 .....	46.5	1.7	...	33			
Mora-Soy 77 .....	46.1	3.7	...	37			
N.A.P.B. Agripro 20 .....	51.7	1.1	...	36	39.9	1.2	36
Northrup-King M61 .....	49.4	2.3	...	35			
Northrup-King S1492 .....	53.1	2.0	...	32			
Northrup-King S1578 .....	47.5	4.0	...	34			
Peterson P2477 .....	42.9	1.7	...	35			
Peterson P2877 .....	43.4	3.0	...	34			
Pfizer 2ER-75 .....	42.1	3.6	...	35			
Pfizer 2L-76 .....	47.3	2.3	...	37			
Pfizer CX215 .....	52.1	1.5	...	39			
Pfizer CX276 .....	48.2	2.1	...	41			
Pfizer CX285 .....	49.7	1.3	...	40			
Pfizer CX290 .....	56.4	1.2	...	39			
Pfizer E94-7 .....	43.9	3.2	...	36			
Seedmakers 5-C .....	43.4	3.9	...	32	45.7	1.7	39
Seedmakers 6-C .....	46.6	1.7	...	41			
SRF 72-3176 .....	51.0	3.7	...	40			
Wells .....	47.2	1.3	...	34	43.8	1.0	39
Mean (Groups I and II) .....	47.8	2.4	...	36	43.7	1.6	39
L.S.D. 10 (Groups I and II) .....	6.2						
L.S.D. 30 (Groups I and II) .....	3.9						
C.V. (Groups I and II) .....	9.6						
<b>MATURITY GROUP III</b>							
Americana A265 .....	46.5	1.8	...	39			
Americana A271 .....	54.7	2.6	...	44			
Americana A352 .....	55.7	1.4	...	35	51.4	1.2	39
Americana XK333 .....	46.0	1.8	...	49			
Americana XK585 .....	50.2	1.3	...	39	45.3	1.3	41
Anderson APS300 .....	51.1	1.3	...	41			
Asgrow A3440 .....	52.3	3.2	...	43	43.6	1.1	41
Asgrow A3585 .....	54.4	1.4	...	38			
Bellatti B-1 Exp. .....	45.3	1.3	...	46			
Bellatti Seedmaker 1-E .....	50.2	3.2	...	41			

(a) Maturity data not available.

**Macomb-Carthage Soybean Variety Trial Results (continued)**

Brand and entry	1977 results				1978 results		
	Yield (bu.)	Lodging score	Maturity date (a)	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
FFR 336	43.8	2.1	...	30			
FS HiSOY 330	50.1	1.6	...	40	43.7	1.7	41
FS HiSOY 340	50.5	1.4	...	40	46.7	1.3	41
Ferry-Morse Gold Tag 1310	53.6	1.5	...	39			
Ferry-Morse Gold Tag 1330	52.6	3.1	...	45			
Funks G-3340	55.4	1.9	...	36			
Kruger DeSoy 850	54.0	1.4	...	39	49.7	1.2	42
Kruger DeSoy 950	49.7	1.4	...	40			
Lewis 31	54.2	1.4	...	50	49.0	2.0	41
Lewis 32	53.6	1.3	...	42			
McAllister Masco-422	52.2	1.2	...	41	49.6	1.2	40
McAllister Masco-1976	50.1	1.4	...	40			
McAllister Masco-4444	53.3	1.3	...	41			
McAllister Masco-SD77	44.6	1.2	...	26			
McCurdy 109+	51.4	1.4	...	42	44.6	1.3	41
Mora-Soy 98	52.3	1.3	...	41			
N.A.P.B. Agripro 25	48.8	1.3	...	37	40.0	1.3	40
N.A.P.B. Agripro 27	52.1	1.4	...	39	40.0	1.8	38
N.A.P.B. Agripro 35	48.8	1.5	...	42	43.3	1.4	42
N.A.P.B. Agripro 36	50.7	1.3	...	42			
Northrup-King MV72	51.8	1.4	...	40	48.7	1.2	39
Peterson 2120-T	50.4	1.3	...	42	44.9	2.3	41
Peterson 3125	52.6	1.4	...	45	46.3	3.1	42
Peterson P3377	44.9	2.0	...	40			
Pride PK305	46.0	2.0	...	36			
Riverside 74-123	45.9	2.2	...	42			
Seedkem SKB310	51.8	1.4	...	35			
Seedmakers 5-E	50.3	1.3	...	43	43.8	1.1	36
Seedmakers 6-E	47.8	2.8	...	41			
Seedmakers 7-E	51.7	1.2	...	45			
SRF 72-3299	52.2	1.4	...	39			
Williams	49.6	1.2	...	41	46.6	1.6	42
Woodworth	52.8	1.2	...	40	45.5	1.7	41
<b>MATURITY GROUP IV</b>							
Ag-Seeds B7460	50.2	1.2	...	50	53.9	2.0	48
L-21	50.7	2.1	...	45			
Lewis 7B	57.2	1.4	...	44			
Lewis 41	47.7	2.4	...	41	47.0	1.3	48
Lewis 42	45.7	3.2	...	43			
Pride PK405	48.0	1.8	...	40			
Means (Groups III and IV)	50.5	1.7		41	45.8	1.7	41
L.S.D. 10 (Groups III and IV)	6.5						
L.S.D. 30 (Groups III and IV)	4.1						
C.V. (Groups III and IV)	9.6						

(a) Maturity data not available.

**Urbana Soybean Variety Trial Results**

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodging score	Maturity date	Height (in.)	Yield (bu.)	Lodging score	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
<b>MATURITY GROUP I</b>										
Pfizer CX114	65.0	2.7	9/18	44						
Pfizer CX175	60.4	3.3	9/21	44						
<b>MATURITY GROUP II</b>										
Ag-Seeds B7250	64.4	1.7	9/24	54						
Americana A223	64.8	1.0	9/22	37						
Americana A233	63.9	1.7	9/22	47						
Americana XR505	58.8	2.9	9/23	45	46.7	1.3	44	53.1	1.7	38

Urbana Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Amsoy '71	68.1	3.4	9/21	48	43.7	1.7	44	53.5	2.0	45
Andersons APS200	62.3	1.2	9/22	45	53.0	1.7	42			
Asgrow A2575	63.1	1.1	9/19	43						
Asgrow A2656	63.1	1.2	9/21	48	48.1	1.5	43	48.5	2.0	42
Asgrow A2770	63.4	2.2	9/22	50	50.4	2.0	44	56.7	1.7	44
Beeson	61.4	1.3	9/18	43	48.0	2.5	44			
FFR 223	60.1	3.8	9/20	48						
FFR 2189	61.0	2.8	9/27	38						
FS HISOY 225	70.8	1.2	9/28	49						
FS HISOY 295	65.3	2.1	9/22	44	47.2	2.0	43			
Ferry-Morse Gold Tag 1250	59.6	1.2	9/24	46	51.1	1.7	44			
Ferry-Morse Gold Tag 1270	66.7	1.6	9/21	44						
Ferry-Morse McKay 1100	67.6	1.1	9/24	45						
Gutwein 220	63.7	1.4	9/19	48	47.4	1.3	44	52.3	1.8	48
Harcor	59.7	2.1	9/25	47						
Hoblit 2-4	67.2	3.0	9/20	47						
Hoblit 2-5	60.7	2.8	9/24	47	45.8	1.7	43			
Kruger DeSoy 707A	59.4	2.6	9/25	49	50.9	1.2	44	62.2	1.7	46
Kruger DeSoy 737	66.3	1.3	9/19	46	49.2	1.3	40			
Kruger K-464A	60.8	1.2	9/24	45	49.8	1.7	40			
Kruger K-2010	64.5	1.4	9/20	44						
Landers Exp. 77-6102	62.8	1.1	9/15	44						
Landers Exp. 77-6303	60.3	2.3	9/16	47						
Landers Exp. 77-6503	66.6	1.6	9/21	47						
Lewis 21	64.3	1.6	9/16	43						
McCurdy 101+	69.4	1.2	9/28	46	48.3	1.9	43			
McCurdy 103	64.2	1.4	9/21	45	49.9	1.7	42	57.4	2.0	40
Mora-Soy 88	60.1	1.3	9/18	45	42.8	1.3	40			
N.A.P.B. Agripro 18	60.0	1.9	9/20	46						
N.A.P.B. Agripro 20	61.8	3.0	9/20	43						
Peterson 3100	63.5	1.1	9/23	48	51.3	1.3	43	60.3	1.8	38
Peterson 3105	61.6	2.0	9/19	43						
Peterson P2477	63.4	1.3	9/23	50	47.2	1.9	45	58.2	3.0	43
Peterson P2877	67.0	1.2	9/19	46						
Pfizer 2ER-75	62.8	2.3	9/23	46						
Pfizer 2L-76	64.9	2.2	9/18	48	48.7	1.5	43	55.6	2.7	45
Pfizer CX215	60.7	1.5	9/23	43	39.5	1.8	43			
Pfizer CX276	65.8	2.0	9/25	48	46.2	1.5	44	56.4	2.7	45
Pfizer CX285	64.3	1.5	9/21	47						
Pfizer CX290	62.9	1.4	9/25	46						
Pfizer E94-7	62.8	1.1	9/22	48	47.4	1.5	44	52.4	2.5	42
Schultz Navahoe	67.2	1.2	9/21	44						
Schultz Shawnee	60.2	1.0	9/16	44						
Seedkem SKB250	68.2	2.3	9/24	43	50.7	2.0	43			
Seedmakers 5-C	60.8	1.2	9/21	47						
Seedmakers 6-C	57.3	3.2	9/21	42	45.2	3.3	44	51.7	3.0	39
SRF 72-3176	56.2	1.3	9/18	51	45.7	1.3	44			
Stewart Supersoy 450	65.9	3.1	9/25	50						
Stewart Supersoy 460	59.8	3.4	9/22	46						
Stewart Supersoy 470	65.5	2.0	9/24	47						
V.R. Classic I	64.8	1.2	9/27	46						
Voris-Soy 295	72.0	1.4	9/25	45	47.3	1.9	40			
Wells	64.0	2.3	9/27	50	47.8	1.9	45			
Grand Mean (Groups I and II)	61.0	1.1	9/17	44						
L.S.D. 10 (Groups I and II)	63.4	1.8		46	43.3	1.8	47	53.8	2.5	43
L.S.D. 30 (Groups I and II)	6.6			3.2						
C.V. (Groups I and II)	4.2			2.0						
	8.9			6.1						
MATURITY GROUP III										
Americana A265	60.8	1.8	9/25	47	49.9	2.5	44			
Americana XK311	57.9	1.7	9/30	47						
Americana XK585	61.7	2.0	9/26	47	44.0	1.9	43	56.7	3.0	48
Andersons APS300	59.7	1.3	9/28	50	46.2	2.7	44			
Asgrow A3440	66.3	1.2	9/29	51	45.4	1.9	45	54.9	1.3	47
Asgrow A3585	59.0	1.1	9/30	46	48.3	1.3	45			
Bellatti B-1-Exp.	56.9	2.7	10/8	54						

Urbana Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodging score	Maturity date	Height (in.)	Yield (bu.)	Lodging score	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
Bellatti L-26-Exp. ....	51.8	2.3	10/4	49						
Bellatti L263 .....	52.5	1.8	10/4	52						
Bellatti Seedmaker 1-E .....	57.2	4.0	9/28	52	46.8	3.5	47	51.9	4.7	50
FR 336 .....	56.8	2.0	9/26	41						
FS HISOY 340 .....	71.9	1.1	9/30	48	47.3	1.3	43			
Ferry-Morse Gold Tag 1310 .....	63.6	2.2	9/29	47						
Ferry-Morse Gold Tag 1330 .....	63.1	1.9	9/29	59						
Funk G-3340 .....	67.4	1.3	9/27	43						
Gutwein 330 .....	57.0	2.5	9/30	53						
Gutwein 360 .....	60.5	1.7	10/1	47						
Kruger DeSoy 808E .....	61.5	1.9	9/27	47						
Kruger DeSoy 850 .....	70.8	1.6	9/28	47						
Kruger K-3015 .....	64.5	1.7	9/27	47						
Landers 3510R .....	59.2	1.3	9/29	50						
Landers Exp. 77-6712 .....	62.0	2.2	10/4	51						
Lewis 31 .....	63.4	2.3	9/26	57	46.3	2.2	51			
Lewis 32 .....	70.6	2.0	9/28	51						
McAllister Masco-422 .....	63.1	1.7	9/29	49						
McAllister Masco-1976 .....	51.3	1.7	9/26	46						
McAllister Masco-4444 .....	64.6	1.6	9/30	47						
McAllister Masco-SD77 .....	56.3	1.4	9/29	32						
McCurdy 108 .....	56.8	1.8	9/27	45	40.6	2.1	41			
McCurdy 109+ .....	60.9	2.5	10/1	49	42.1	2.4	45			
Mora-Soy 98R .....	57.9	1.8	9/28	45						
N.A.P.B. Agripro 25 .....	62.1	1.2	9/24	49	48.4	1.9	42	56.6	1.4	46
Northrup-King 101644 .....	58.6	3.7	10/4	49						
Northrup-King MV72 .....	58.6	1.9	9/29	46	45.2	2.0	41			
Northrup-King MV80 .....	68.1	1.7	9/28	44	40.1	1.2	42	55.9	2.5	42
Peterson 2120-T .....	60.3	1.2	9/30	46	43.2	2.0	47	59.9	4.0	43
Pride PK305 .....	54.6	3.3	9/23	49						
Riverside 74-123 .....	62.5	1.3	9/25	51						
Seedkem SKB310 .....	55.6	2.2	9/27	45						
Seedkem SKB400 .....	66.4	2.8	9/30	48						
Seedmakers 5-E .....	55.2	2.5	9/26	48						
Seedmakers 7-E .....	56.8	1.7	10/7	54						
Seedmakers 37091K .....	65.9	1.2	9/25	53						
SRF 72-3299 .....	63.9	3.2	9/29	47						
V.R. Allen .....	58.0	1.9	9/27	52						
V.R. Boss .....	53.6	2.0	9/26	45	43.9	2.0	41			
V.R. Classic II .....	61.9	2.0	10/4	54	42.6	2.0	48	55.8	2.0	51
Voris B300 .....	66.1	1.6	9/27	48						
Voris B350 .....	63.1	1.2	10/1	47	42.1	1.6	46			
Williams .....	57.3	1.2	9/30	48	38.6	2.3	46	59.6	1.7	44
Woodworth .....	55.6	1.7	9/26	47	42.7	2.1	43	54.6	1.5	46
MATURITY GROUP IV										
Ag-Seeds B7460 .....	60.3	2.2	10/7	56						
Bellatti D-1-Exp. ....	51.9	3.2	(a)	40						
Bellatti D-2-Exp. ....	51.6	4.2	10/11	43						
FR 444 .....	59.5	2.0	10/3	50	41.5	2.2	48			
L-21 .....	64.3	2.2	10/4	54						
Landers Exp. 77-6315 .....	60.6	2.7	10/7	50						
Lewis 7B .....	64.5	2.8	10/12	50						
Lewis 41 .....	54.5	3.4	10/4	45	45.3	1.5	47			
Lewis 42 .....	73.8	2.2	9/30	54						
Northrup-King MV91 .....	64.0	1.8	10/5	50						
Pride PK405 .....	62.0	2.3	9/26	46						
Grand Mean (Groups III and IV) ....	60.6	2.0		49	45.0	2.1	43	53.8	2.5	43
L.S.D. 10 (Groups III and IV) ....	9.4									
L.S.D. 30 (Groups III and IV) ....	5.9									
C.V. (Groups III and IV) .....	11.4									

(a) Killed by frost.

## Brownstown Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	(a) Height (in.)
<b>MATURITY GROUP II</b>										
Pfizer 2L-76	48.4	3.9	9/8	45						
Pfizer E94-7	41.3	1.3	9/6	40						
Pfizer CX215	46.0	3.1	9/12	40						
Pfizer CX276	47.1	3.2	9/10	50						
Pfizer CX285	50.8	2.6	9/15	41						
Pfizer CX290	47.0	1.0	9/10	40						
Peterson 3105	49.6	2.7	9/13	44						
Voris-Soy 295	57.0	2.8	9/22	47						
Mean	48.4	2.6		43						
L.S.D. 10	5.3									
L.S.D. 30	3.2									
C.V.	9.0									
<b>MATURITY GROUP III</b>										
Americana A352	57.1	1.1	9/27	36	36.1	1.0	21			
Asgrow A3440	50.8	1.3	9/28	42	26.7	1.0	28			
Asgrow A3585	48.3	1.3	9/17	35	30.7	1.0	22			
Asgrow XP3127	62.4	1.0	9/22	36						
Asgrow XP3855	60.6	1.2	9/23	37						
Bellatti Seedmaker 1-E	51.3	3.3	9/28	45	29.9	1.0	24	37.3	1.0	...
Bergmann-Taylor BTPX33	52.4	1.3	9/17	41						
ELF	51.5	1.0	10/2	23						
FR 336	45.2	2.2	9/26	37						
PS HISOY 330	49.9	1.3	9/20	40						
PS HISOY 340	55.6	1.2	9/21	41	36.7	1.0	20			
Funks G-3340	48.1	1.4	9/15	39						
Landers 3510R	53.8	1.4	9/28	41						
Landers Exp. 77-6712	51.0	2.1	10/3	45						
McCurdy X500A	50.1	2.0	9/21	40	29.0	1.0	23			
N.A.P.B. Agripro 25	47.8	1.3	9/15	41						
N.A.P.B. Agripro 27	52.4	1.4	9/24	35						
N.A.P.B. Agripro 35	50.2	1.4	9/26	43						
N.A.P.B. Agripro 36	49.0	1.4	9/27	39						
Northrup-King 101644	57.4	1.4	9/30	41						
Northrup-King MV80	56.9	1.3	9/26	40	27.6	1.1	24	37.4	1.2	...
Peterson 2120-T	54.7	1.3	9/26	40						
Peterson 3125	54.2	1.2	9/28	42	31.1	1.0	26	43.4	1.2	...
Peterson P3377	50.6	1.1	9/15	45						
Pfizer 9L-75	52.7	1.3	9/17	42						
Pfizer CB347	55.2	1.7	9-27	45						
Pfizer CB390	54.2	1.2	9/28	43						
Pfizer CX350	53.2	1.4	9/24	45						
Ring Around RA-31	50.6	2.2	9/27	43						
Schultz Washington IV	51.2	1.4	9/28	46						
Seedkem SKB400	56.0	1.5	9/22	44						
V.R. Classic II	52.9	2.3	9/29	43						
Voris B350	52.1	1.1	9/30	40	33.3	1.0	29			
Williams	56.7	1.1	9/26	39	39.1	1.0	24	39.4	1.1	...
Woodworth	54.3	1.1	9/24	39	31.3	1.0	21	37.8	1.1	...
Mean	52.8	1.5		40	30.9	1.0	22	41.8	1.4	...
L.S.D. 10	4.8									
L.S.D. 30	3.0									
C.V.	7.7									
<b>MATURITY GROUP IV</b>										
Americana XK351	57.0	1.4	9/28	48	30.5	1.0	24			
Americana XK440	57.2	1.2	9/28	42						
Americana XR70	53.1	1.4	9/29	43	32.0	1.0	25	40.9	1.0	...
Asgrow XP4268	60.0	1.2	9/27	37						
Bellatti 04	50.7	1.5	9/26	40	39.5	1.0	27			
Bellatti 09	47.8	2.3	9/31	42	35.1	1.0	26			
Bonus	55.8	1.1	9/28	45	40.9	1.0	29			
Custer	46.5	2.0	10/7	50						

(a) Data not available.

### Brownstown Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodging score	Maturity date	Height (in.)	Yield (bu.)	Lodging score	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
FFR 444	48.2	1.2	9/23	43	32.9	1.0	28			
Kent	56.7	1.3	10/11	42	35.3	1.0	26			
I-21	51.7	1.7	10/1	46						
Landers Exp. 77-6315	55.5	1.2	9/30	38						
Lewis 9B	54.1	1.2	9/24	39						
N.A.P.B. EX418	60.3	1.6	10/11	49						
Northrup-King MV91	53.4	1.2	9/29	43						
Pfizer E414	56.3	1.1	9/27	38						
Pomona	55.3	1.3	10/3	42	44.8	1.0	25			
Riverside 74-57	59.5	1.1	9/28	46						
Schultz Mitchell	59.9	1.3	10/3	44	44.3	1.0	29			
Seedkem SK8435	53.0	1.4	9/26	42						
SRF 70-10546	52.3	1.1	9/17	32						
V.R. Delta	54.8	1.4	10/3	50						
V.R. Raft	51.4	1.3	9/29	38						
Voris Soy 405	54.7	1.3	9/22	45	40.8	1.0	30	48.7	1.6	...
Voris Soy 465	56.3	1.2	9/29	45	37.5	1.0	28			
Mean	54.6	1.4		42	38.1	1.0	28	41.8	1.4	...
L.S.D. 10	5.1									
L.S.D. 30	3.2									
C.V.	7.8									

(a) Data not available.

### Belleville Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodging score	Maturity date	Height (in.)	Yield (bu.)	Lodging score	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
MATURITY GROUP II										
Pfizer 2L-76	56.7	4.0	9/17	46						
Pfizer CX215	50.9	4.0	9/24	50						
Pfizer CX276	48.7	4.2	9/15	50						
Pfizer CX285	44.9	4.0	9/24	49						
Pfizer CX290	57.2	3.0	9/18	48						
Pfizer E94-7	54.6	3.0	9/17	46						
Mean	52.2	3.7		48						
L.S.D. 10	5.3									
L.S.D. 30	3.2									
C.V.	6.8									
MATURITY GROUP III										
Asgrow XP3127	55.4	2.0	9/22	42						
Asgrow XP3247	58.7	2.5	9/26	47						
Asgrow XP3855	58.3	4.0	9/27	44						
Bellatti L26-Exp.	47.7	3.0	9/28	49						
Bellatti Seedmaker 1-E	48.0	4.9	9/24	55						
Bergmann-Taylor BRXP33	51.3	4.1	9/26	47						
ELF	57.1	1.5	9/28	24						
FFR 4202	47.6	3.7	10/2	53						
FS HISOY 340	56.4	3.9	9/26	50	42.4	1.0	36			
Funks G-3340	55.9	4.2	9/24	51						
Landers 3510R	58.8	4.2	9/27	46						
Landers Exp. 77-6712	51.3	4.0	9/24	51						
N.A.P.B. Agripro 27	55.2	4.2	9/24	47						
N.A.P.B. Agripro 35	52.5	4.0	9/26	49						
N.A.P.B. Agripro 36	53.0	3.0	9/27	46						
Northrup-King 101644	56.8	4.0	9/26	49						
Northrup-King MV80	55.4	3.0	9/26	47	41.8	1.0	34	61.9	1.4	44

### Belleville Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Peterson 125	55.2	2.4	9/27	52	48.5	1.1	36	61.1	2.0	52
Peterson 2120-T	52.9	3.0	9/25	47						
Peterson 3125	53.8	3.4	9/26	50	47.1	1.0	38	68.0	1.3	51
Pfizer 9L-75	54.8	4.0	9/26	49						
Pfizer CB347	53.6	3.3	9/26	49						
Pfizer CB390	51.7	3.0	9/26	51						
Pfizer CX350	54.6	3.0	9/20	51						
Schultz Washington IV	49.1	2.0	9/23	54						
Seedmaker 7-E	52.8	2.5	9/28	59						
Williams	58.7	3.0	9/25	49	48.1	1.0	35	84.3	1.2	42
Woodworth	54.8	3.6	9/24	46	47.2	1.0	36			
Mean	54.0	3.3		48	43.6	1.1	35	65.4	2.0	48
L.S.D. 10	4.1									
L.S.D. 30	2.6									
C.V.	6.4									
MATURITY GROUP IV										
Asgrow XP4136	60.8	4.1	9/27	51						
Asgrow XP4268	56.8	2.4	9/29	44						
Bonus	55.5	3.4	9/29	54	48.8	1.0	36			
FFR 444	47.5	4.5	9/29	49	41.7	1.5	38	63.1	2.4	48
Kent	56.7	2.4	10/11	50	47.7	1.3	47	61.6	1.4	46
L-21	57.1	4.1	9/25	57						
Landers Exp. 77-6315	55.7	3.0	10/2	50						
Lewis 9B	59.2	2.9	10/1	45						
N.A.P.B. EX418	60.0	4.4	10/11	56	53.3	1.2	40			
Northrup-King MW91	54.0	4.6	9/26	52						
Pfizer E414	56.6	4.3	9/27	48						
Pomona	53.1	2.1	10/4	52	51.1	1.2	43			
Riverside 74-57	54.1	4.7	9/30	56						
Schultz Mitchell	55.7	4.0	10/4	51	55.1	1.0	36	62.3	1.1	42
Seedmaker 3-C	57.0	4.3	9/27	60	34.7	1.0	38	73.9	3.0	51
Seedmaker 4-G	59.5	3.8	9/30	61	45.4	1.0	37			
Seedmaker 47093C	47.9	2.5	9/23	55						
Seedmaker 47093F	47.1	4.4	9/27	56						
SRF 70-10546	51.9	1.0	9/20	38						
Voris-Soy 405	53.5	4.0	9/29	58						
Mean	55.0	3.5		52	43.1	1.4	41	65.4	2.0	48
L.S.D. 10	5.1									
L.S.D. 30	3.2									
C.V.	7.8									

### Carbondale Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP III										
ELF	30.3	1.0	9/26	17						
FFR 4202	44.2	1.1	9/26	44						
Funks G-3340	42.0	1.0	9/26	36						
N.A.P.B. Agripro 35	42.2	1.3	9/26	39						
Peterson 125	44.5	2.0	9/26	44						
Peterson 2120-T	46.1	1.0	9/26	37						
Peterson 3125	46.5	1.2	9/26	39	47.0	1.2	44	83.6	2.5	42
Pfizer 9L-75	44.4	1.1	9/26	41						
Pfizer CB347	49.5	1.3	9/26	42						
Pfizer CB390	43.1	1.0	9/26	39						
Pfizer CX350	44.6	1.7	9/26	42						
Schultz Washington IV	42.8	1.0	9/26	44						
Williams	42.4	1.0	9/26	38	51.3	1.4	38	79.9	2.0	38



### Carbondale Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Mean	43.3	1.2		38	46.5	1.4	38	74.5	2.2	39
L.S.D. 10	5.4									
L.S.D. 30	3.4									
C.V.	10.4									
MATURITY GROUP IV										
Bonus	47.6	1.1	9/26	46	47.4	1.1	43	78.0	1.2	42
FFR 444	37.3	1.0	9/26	43	46.1	2.5	40	79.1	3.9	42
Ferry-Morse Gold Tag 1410	48.8	1.3	9/26	40						
Ferry-Morse Gold Tag 1420	46.4	1.4	9/26	43						
Kent	45.6	1.5	10/3	45	49.3	1.3	42	76.6	2.0	44
Lewis 7B	43.4	1.0	9/26	45						
N.A.P.B. Ex. 418	44.3	2.8	9/27	48	56.0	1.3	40			
Pfizer CB427	38.0	1.2	9/26	44						
Pfizer E414	51.0	1.2	9/26	42						
Pomona	48.9	1.3	9/27	43	48.6	1.2	40	70.2	1.2	35
Ring Around RA(c)36	41.3	3.2	10/3	45						
Ring Around RA-41	44.0	3.0	10/3	45	49.3	1.4	42			
Ring Around RA-135(a)-2	43.3	2.6	10/3	48						
Schultz Mitchell	45.7	2.7	9/26	44	54.8	2.0	46	82.0	1.3	34
Seedkem SKB435	43.8	2.7	9/26	43						
Seedkem SKB460	47.4	4.0	9/26	44						
SRF 70-10546	43.2	1.0	9/26	34						
SRF X73-89	46.0	1.3	10/3	47						
Mean	44.8	1.8		44	48.1	1.7	42	74.5	2.2	39
L.S.D. 10	5.4									
L.S.D. 30	3.4									
C.V.	10.2									
MATURITY GROUP V										
Essex	49.1	1.3	10/24	36	56.1	1.1	46	73.6	1.2	36
FFR 556	29.0	2.0	10/24	58	51.1	1.3	49			
Forrest	37.5	2.0	10/11	44	52.6	1.4	42	64.0	3.0	40
Mean	38.5	1.8		46	49.2	1.2	42	74.5	2.2	39
L.S.D. 10	4.2									
L.S.D. 30	2.4									
C.V.	7.9									

### Dixon Springs Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP III										
Bellatti L26 Exp.	27.4	4.7	9/27	45						
Bellatti L263	31.4	4.0	9/27	48						
Bellatti Seedmaker 1-E	31.7(a)	4.7	9/27	51	45.5	3.5	38	58.3	4.7	40
ELF	40.1	1.0	9/27	22						
FFR 4202	33.8(a)	2.8	10/4	50						
Funks G-3340	34.9	4.0	9/27	44						
N.A.P.B. Agripro 35	34.6(a)	4.8	9/27	44						
Pfizer 9L-75	34.5(a)	4.0	9/27	44						
Pfizer CB347	36.2(a)	3.5	9/20	47						
Pfizer CB390	37.6(a)	3.8	9/27	47						
Pfizer CX350	33.1(a)	3.6	9/20	48						
Ring Around RA(c)36	32.2(a)	4.6	10/11	47						
Schultz Washington IV	37.3	2.7	9/27	55						
Williams	39.3(a)	4.9	9/20	44	48.4	1.1	38	59.7	3.0	30
Woodworth	32.8	4.7	9/20	43	46.6	1.0	33	56.5	3.5	32

(a) Substantial shattering before harvest.

Dixon Springs Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodging score	Maturity date	Height (in.)	Yield (bu.)	Lodging score	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
Mean .....	34.5	3.8		45	48.0	1.7	39	60.4	3.6	38
L.S.D. 10 .....	5.4									
L.S.D. 30 .....	3.4									
C.V. ....	13.1									
MATURITY GROUP IV										
Bellatti 04 Exp. ....	32.8	1.2	9/20	45						
Bellatti D1 Exp. ....	37.4	4.1	9/27	40						
Bellatti D2 Exp. ....	35.8	3.6	9/27	45						
Bonus .....	30.3	4.0	9/27	47						
Columbus .....	39.1	4.7	10/11	46	59.2	2.7	43	64.3	4.0	41
Custer .....	31.4	3.0	10/4	53						
FFR 444 .....	29.4(a)	4.9	9/27	49	57.0	2.1	40			
Kent .....	38.3	2.7	10/4	47						
L-21 .....	37.6	3.0	9/20	47						
Lewis 7B .....	36.5(a)	4.9	9/27	50						
N.A.P.B. Ex. 418 .....	34.6(a)	4.3	10/4	43	65.0	2.9	44			
Pfizer CB427 .....	37.2(a)	4.9	9/27	49						
Pfizer E414 .....	37.6(a)	4.0	9/20	47						
Pomona .....	38.0(a)	3.0	10/4	47	65.7	1.1	41			
Ring Around RA-135(a)-2 .....	37.5	3.1	10/4	55						
Schultz Mitchell .....	35.8(a)	4.6	9/27	49	65.4	1.4	43	60.5	2.5	36
SRF 70-10546 .....	41.8(a)	1.4	9/20	32						
SRF X73-89 .....	34.3(a)	4.8	10/4	50						
Mean .....	35.9	3.7		47	57.4	2.6	42.6	60.4	3.6	38
L.S.D. 10 .....	.									
L.S.D. 30 .....	.									
C.V. ....	15.0									
MATURITY GROUP V										
Essex .....	30.2	5.0	10/18	41	63.2	1.3	33	71.0	4.0	34
FFR 556 .....	26.8	4.5	10/18	49	52.5	1.4	56	65.7	4.0	60
Forrest .....	26.2	4.8	10/18	46						
Mean .....	27.7	4.8		45	59.1	1.7	40	60.4	3.6	38
L.S.D. 10 .....	..									
L.S.D. 30 .....	..									
C.V. ....	19.3									

(a) Substantial shattering before harvest.

This circular was prepared by G. L. Ross, Associate Agronomist, Paul Raymer, Research Assistant, and D. W. Graffis, Professor of Forage Crops Extension. Data processing was done by the Statistical Laboratory, Department of Agronomy.







UNIVERSITY OF ILLINOIS-URBANA  
Q 630.716C C005  
CIRCULAR URBANA, ILL.  
1192 1978



3 0112 019533766