

# Corn

## 1985 Missouri Crop Performance

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# MISSOURI CROP PERFORMANCE

1985

CORN

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The University of Missouri's hybrid performance testing program was started in the mid-1930's, with the first publication of results in 1937. The number of commercial entries in the program has grown from fewer than 50 in the early years to over 200 today.

The large number of commercial hybrids available makes selection of a superior hybrid difficult. To select intelligently, a reliable, unbiased, up-to-date source of information which will permit valid comparisons among available hybrids is needed. The objective of the University of Missouri's performance testing program is to provide this information. The tests are conducted under as uniform conditions as possible. Small plots are used to reduce the chance of soil and climatic variations occurring between one hybrid plot and another. Results obtained should aid the individual grower in judging the relative merits of many of the commercial corn hybrids available in Missouri today.

## COMPARING HYBRIDS

The performance of a hybrid cannot be measured with absolute precision. Uncontrollable variability is involved in the determination of each yield average. This variability is often the result of soil disuniformity, but many other conditions may contribute to it. Because variability exists in all field experimentation, statistics are used as a tool to assist in making decisions. The statistical tool used in the analysis of trials reported here is the test of least significant difference (L.S.D.). The L.S.D. is quite simple to apply; when two entries are compared and the difference between them is greater than the L.S.D., the entries are judged to be significantly different. Differences smaller than the L.S.D. may have occurred by chance and are judged to be nonsignificant.

Hybrid performance may seem inconsistent from location to location and from year to year because of differences in rainfall, temperature, soil fertility, diseases, insects, and other factors. To obtain an improved estimate of relative hybrid performance, results from more than one location or year should be considered. In this publication, an effort has been made to facilitate comparisons across years and locations.

In each trial, the "top yielding" hybrids have been identified. These hybrids are those which did not yield significantly less than the highest yielding hybrid in the test. They are denoted in the tables by an asterisk (\*) next to their yields. Thus, by going down a column, the highest yielding hybrids in a trial can be readily identified. By going across, the relative performance of a hybrid during several years or at several locations can be evaluated. From the standpoint of yield, the most desirable hybrids will be those which are among the "top yielding" hybrids (that is, have an asterisk) the greatest number of times.

Although yield usually receives first consideration, other agronomic characteristics may be equally important when selecting a corn hybrid. Stalk strength, maturity, and resistance to insects and diseases are among the hybrid characteristics which deserve careful consideration. Later maturing hybrids may require more drying. The maturity classification listed for each hybrid in this bulletin is based solely on information supplied by the entry's sponsor. A hybrid with an abnormally high or low moisture content relative to other hybrids within the same maturity group may be misclassified as to maturity. Poor stalk strength and/or susceptibility to pests may decrease harvestable yield because of lodging or stand loss. Therefore, the data presented on final stand and lodging should also be considered when selecting a hybrid.

The Missouri Agricultural Experiment Station does not make specific recommendations for hybrids. It is suggested that the farmers growing a new hybrid for the first time consider the information contained in this report and then grow a small acreage to determine adaptability. This should be the practice for all new hybrids regardless of origin.

## EXPERIMENTAL PROCEDURES

On the basis of geographical characteristics, the state is divided into sections. Corn hybrid evaluation trials are located in the northern, central, southwestern and southeastern sections of the state. These trial locations are shown in Figure 1, Page 5.

Entries. All producers of hybrid seed were eligible to enter hybrids in the 1985 evaluation trials. Participation was voluntary and no control was exercised by the program over which, or how many, hybrids were entered. However, to help finance the evaluation program, a fee of sixty dollars per location was charged for each hybrid entered by the seed producer. In addition to the fee entries, a broader-based program was continued in which certain widely-grown hybrids were included on a no-fee basis. Identification of these widely-grown hybrids was through a telephone survey of hybrids marketed by seed producers in Missouri. A total of 222 corn hybrids were tested in 1985.

Field Plot Design. All tests were arranged in lattice field plot designs with three replications. Plots were four rows wide but only the center two rows were harvested to determine yield. Spacing between the rows was 30 inches in all locations.

Plot Management. The tests were planted and harvested with commercial equipment modified for small plot work. Fertilizer applied at each site was equal to, or above, that recommended by the University of Missouri's Soil Testing Laboratory. Herbicides were used for weed control and additional hand weeding was done as required. Management details that varied from location to location are specified in Table 1, Page 6.

Data Recorded. Plant stand was counted near the time of tasseling. Lodging was determined immediately before harvest. Plants leaning more than 30 degrees from the vertical and those broken below the ear were counted as lodged. Yield was measured in bushels (56 pounds) per acre at a moisture content of 15.5 percent. An electronic moisture tester was used for all moisture readings.





**FIGURE 1. TEST SITE LOCATIONS**

- DRYLAND LOCATION
- X IRRIGATED LOCATION
- ▤ DRYLAND AND IRRIGATED LOCATION

TABLE 1. MANAGEMENT AND CULTURAL PRACTICES OF THE 1985 HYBRID CORN EVALUATION PROGRAM.

LOCATION (COUNTY)	<sup>1</sup> COOPERATOR	N-P205-K20	HERBICIDE PRE-EMERGENCE	INSECTICIDE	ROW SPACING (IN)	DESNITY (PLANTS/A)	DATE OF PLANTING	DATE OF HARVEST
FAIRFAX (ATCHISON)	SEYMOUR BROTHERS	160- 60- 25	DUAL + BLADEX + ATRAZINE	LORSBAN	30	23,000	5-08-85	9-26-85
SPICKARD (GRUNDY)	DENNIS ONKS	150- 33- 67	DUAL + ATRAZINE	LORSBAN	30	23,000	4-18-85	10-3-85
NOVELTY (KNOX)	RANDALL SMOOT	160- 50-100	DUAL + BLADEX + ATRAZINE	LORSBAN	30	23,000	4-22-85	11-21-- 23-85
MARSHALL (SALINE)	FRANK SWISHER	150- 00- 00	DUAL + BLADEX + ATRAZINE	LORSBAN	30	23,000	4-25-85	9-17-85
COLUMBIA (BOONE)	JOHN POEHLMANN	240-100-100	DUAL + BLADEX	LORSBAN	30	23,000	4-17-85	9-12-85 9-13-85
O'FALLON (ST. CHARLES)	RICHARD SCHIPPER	120- 60- 80	DUAL + BLADEX + ATRAZINE	LORSBAN	30	23,000	4-29-85	9-27-85
<sup>2</sup> COLUMBIA (BOONE)	JOHN POEHLMANN	320-130-150	DUAL + BLADEX + ATRAZINE	LORSBAN	30	29,200	4-23-85	9-11-85 9-12-85
<sup>2</sup> MEXICO (AUDRAIN)	RICHARD LIERHEIMER	315-195-200	DUAL + BLADEX + ATRAZINE	LORSBAN	30	29,200	4-25-85	9-24-85
<sup>2</sup> LAMAR (BARTON)	SHERRELL BEAN	230-120-120	DUAL + BLADEX + ATRAZINE	LORSBAN	30	29,200	4-19-85	10-8-85
<sup>2</sup> SIKESTON (STODDARD)	JOHNNY HUNTER	225- 45-120	DUAL + BLADEX + ATRAZINE	LORSBAN	30	29,200	3-28-85	9-10-85

1 INCLUDES EXPERIMENT STATION MANAGERS.

2 IRRIGATED TRIAL

## SUMMARY OF RESULTS

Results are presented by region of the state. For each location, data on final plant stand, total (root plus stalk) lodging, moisture content at harvest and yield adjusted to 15.5 percent moisture are given for each hybrid. As emphasized previously, because of the influence of environmental conditions on corn performance, the reader is encouraged to give more weight to results from several locations or years than to those from a single test.

Corn hybrids were evaluated in six non-irrigated and four irrigated studies in 1985 (Figure 1, Page 5). Management was as uniform as possible across locations. Details are presented in Table 1, Page 6.

Average yields and ranges observed at each location are summarized below. Rainfall during the growing season (May-September) was generally above normal, with the exception of a dry July. Yields achieved in the four irrigated trials were noticeably higher than those in the dryland trials. This indicates that even in a year of favorable rainfall, supplemental water thru irrigation can usually increase yields. Monthly rainfall and irrigation received at each irrigated location are shown in Table 3, Page 8.

Table 2. 1985 Hybrid Corn Yield Summary

Location	Number of Entries	Irrigated	Yield(Bushels/Acre)		Data Table
			Range	Average	
Fairfax	163	no	149- 60	123	4
Spickard	163	no	95- 21	57	5
Novelty	163	no	179- 98	149	6
Marshall	109	no	169- 92	139	8
Columbia	109	no	166-113	143	9
O'Fallon	109	no	138- 43	102	10
Columbia	100	yes	225-138	192	12
Mexico	100	yes	218-135	191	13
Lamar	81	yes	210-126	184	14
Sikeston	81	yes	211-118	174	14

The ranges shown give the values for the lowest and highest yielding corn hybrids in each test. This value gives an indication of the variation in yield potential among hybrids available on the market in Missouri today. Use of data presented in the individual location tables of this Special Report should increase the probability of selecting hybrids which combine high yield potential with other agronomic characteristics appropriate to specific farming situations.

Moisture percentage at the time of harvest is given for each entry. Because harvest was delayed until the latest hybrids in the test were mature, moisture differences among many of the early maturing entries may be small. Where large differences occur, it may indicate that entries with a high moisture content in a group are misclassified as to maturity. The listing of maturity groups found below were provided on the university entry form as a guide line for companies to use in classifying their hybrids.

- Group 1 - (90-110 days or <2600 GDD<sup>1</sup>);  
 Group 2 - (110-120 days or 2600-2699 GDD<sup>1</sup>);  
 Group 3 - (120-130 days or 2700-2799 GDD<sup>1</sup>);  
 Group 4 - (130-140 days or >2800 GDD<sup>1</sup>).

1=Growing Degree Days.

Lodging data are provided for each location. Lodging was a problem in some of the irrigated tests. Most of the lodging was caused by corn borer, deer, and wind. Hybrids which consistently show above average lodging should be avoided.

TABLE 3. ACCUMULATED RAINFALL AND IRRIGATION - 1985

LOCATION	MONTH	RAINFALL	IRRIGATION	TOTAL
COLUMBIA	MAY	5.04	0.00	5.04
	JUNE	10.28	0.00	10.28
	JULY	1.91	4.00	5.91
	AUGUST	6.14	2.00	8.14
	SEPTEMBER	2.03	1.00	3.03
	TOTAL	25.40	7.00	32.40
MEXICO	MAY	4.31	0.00	4.31
	JUNE	7.53	0.00	7.53
	JULY	1.88	4.00	5.88
	AUGUST	4.71	0.00	4.71
	SEPTEMBER	2.32	0.00	2.32
	TOTAL	20.75	4.00	24.75
LAMAR	MAY	6.00	0.00	6.00
	JUNE	6.05	0.00	6.05
	JULY	1.40	4.00	5.40
	AUGUST	11.65	1.50	13.15
	SEPTEMBER	3.75	0.00	3.75
	TOTAL	28.85	5.50	34.35
SIKESTON	MAY	2.46	0.00	2.46
	JUNE	6.77	4.00	10.77
	JULY	5.52	4.00	9.52
	AUGUST	4.08	2.00	6.08
	SEPTEMBER	1.26	0.00	1.26
	TOTAL	20.09	10.00	30.09

N - O - T - E - S

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TABLE 4. PERFORMANCE OF CORN HYBRIDS EVALUATED NEAR FAIRFAX ON THE SEYMOUR BROTHERS FARM FROM 1983-85. PLANTED: 8 MAY 1985. HARVESTED: 26 SEPTEMBER 1985. PLANTED POPULATION: 23000.

BRAND-HYBRID	PLANTS (#/ACRE)		MOIST (%)			LODGING (%)			YIELD (BU/ACRE)		
	1985	1985	1985	1984	1983	1985	1984	1983	1985	1984	1983
MATURITY GROUP 1											
MCALLISTER SX8310(SX)	18800	21.2	3.1	0.5	--	14.0	9.0	--	132.6	--	--
JACQUES 7900(SX)	19100	22.1	6.8	1.1	--	14.2	1.1	--	146.3*	72.3	--
MCCURDY 7384(SX)	18800	22.4	1.2	1.8	7.2	13.6	9.9	8.0	129.9	68.8	--
RING AROUND RA 1505(SPX)	21900	23.6	13.1	2.2	--	13.6	6.6	--	132.0	--	--
MFA 6707(SX)	20100	22.8	8.9	4.7	15.5	13.6	2.2	--	135.6	82.1*	--
CARGILL 937(SX)	19500	22.5	4.6	4.8	--	13.5	8.8	--	131.1	--	--
ASGROW/O'S GOLD RX788(SX)	18500	21.5	4.4	--	--	12.9	3.3	--	--	--	--
JACQUES 8100(SX)	18200	23.4	6.7	0.0	--	12.8	9.9	--	134.9	--	--
ASGROW/O'S GOLD 2570(SX)	18200	22.6	9.3	2.1	9.5	12.8	3.3	--	140.8*	86.1*	--
AMERICANA 3300(SX)	18200	24.0	14.8	2.7	8.5	12.8	0.0	--	133.4	79.9*	--
FONTANELLE 5230(SX)	19500	22.5	1.8	2.0	--	12.7	8.8	--	136.0	--	--
FUNK'S G-4522(SPX)##	18900	23.6	9.5	4.9	10.0	12.7	4.4	--	127.0	74.9	--
MCCURDY 7372(SX)	18100	23.4	1.1	--	--	12.7	3.3	--	--	--	--
MCALLISTER TX8107(SX)	18600	20.6	5.0	--	--	12.7	2.2	--	--	--	--
SHISSLER GR8 178(SX)	21100	21.4	1.0	--	--	12.6	3.3	--	--	--	--
MCALLISTER SX8408(SX)	18500	21.0	2.5	--	--	12.6	5.5	--	--	--	--
FUNK'S EXP. 4029X(SX)	17300	22.1	2.8	0.0	--	12.6	1.1	--	136.6	--	--
NORTHRUP KING PX9527(SX)	20000	21.6	7.1	5.3	8.9	12.5	4.4	--	129.4	72.3	--
NORTHRUP KING PX9540(SX)	17300	22.3	0.6	--	--	12.5	3.3	--	--	--	--
GOLDEN HARVEST H-2601(SX)	17000	22.0	10.6	--	--	12.5	1.1	--	--	--	--
COCKER 8575(SX)	15900	22.5	6.2	--	--	12.4	3.3	--	--	--	--
PAG SX310(SX)	16400	21.3	2.9	--	--	12.4	2.2	--	--	--	--
FUNK'S G-4594(SX)	18600	23.0	4.3	--	--	12.4	1.1	--	--	--	--
AMERICANA 3100(SX)	19600	21.4	6.0	0.0	3.5	12.1	2.2	--	120.8	71.0	--
FUNK'S G-4578(SX)	19300	23.3	12.4	4.6	7.5	12.0	3.3	--	134.4	67.4	--
PAG SX297(SX)	20400	20.7	1.7	--	--	12.0	5.5	--	--	--	--
FUNK'S G-4514(SX)	18200	21.9	4.6	7.4	9.2	12.0	2.2	--	117.7	59.5	--
SHISSLER GR8 176(SX)	18600	22.3	5.8	1.7	--	11.8	5.5	--	129.6	--	--
CARGILL 921(SX)	17700	22.3	11.3	3.5	5.5	11.8	3.3	--	139.6*	75.9	--
DEKALB T1100(SX)	21100	22.7	1.7	2.1	7.2	11.7	8.8	--	131.6	66.0	--
FUNK'S G-4507(SX)	17800	21.0	5.3	2.0	6.0	11.7	6.6	--	147.0*	58.5	--
CARGILL 889(SX)	18000	20.9	0.7	--	--	11.6	4.4	--	--	--	--
CARGILL 924(SX)	19000	22.6	15.6	--	13.3	11.5	8.8	--	--	62.5	--
BURRUS BX19(SX)	17800	21.2	4.0	--	--	11.5	8.8	--	--	--	--
CUSTOM FARM SEED 7000(SX)	17300	25.2	6.7	1.0	9.2	11.4	9.9	--	138.8*	83.4*	--
MFA 6708(SPX)##	17600	22.5	4.2	6.1	17.5	11.4	9.9	--	119.1	65.1	--
MFA 5204(SX)	19300	20.8	5.4	1.1	--	11.3	5.5	--	114.8	--	--
CUSTOM FARM SEED W7951(SX)	18900	23.1	4.4	--	--	11.2	6.6	--	--	--	--
RING AROUND RA 1404(SX)	18400	22.5	3.8	0.5	1.3	10.9	6.6	--	139.9*	71.2	--
DOCKENDORFF 7150(SX)	20600	20.6	4.1	--	--	10.8	7.7	--	--	--	--
CUSTOM FARM SEED W4100(SX)	18300	22.1	10.6	--	--	10.5	3.3	--	--	--	--
COCKER XP5074(SX)	22400	20.7	6.7	--	--	10.4	4.4	--	--	--	--
CARGILL 893(SX)	20600	20.8	3.8	--	--	10.4	0.0	--	--	--	--
GOLDEN HARVEST H-2604(SX)	19500	21.8	5.4	--	6.4	9.9	7.7	--	--	70.5	--
CUSTOM FARM SEED W6420(SX)	15400	23.7	16.2	1.1	25.8	9.1	6.6	--	133.0	73.2	--
MATURITY GROUP 2											
LYNKS LX 4355(SX)	19700	21.7	4.3	0.5	1.2	13.9	8.8	--	140.5*	68.2	--
GROAGRI GSC 2355(SX)	19800	25.5	5.0	1.4	--	13.9	4.4	--	151.5*	--	--
BO-JAC 603(SX)	17800	22.8	2.6	--	--	13.8	6.6	--	--	--	--
RANDELL 7120(SX)	18400	23.1	1.2	3.1	--	13.8	0.0	--	135.2	--	--
RANDELL 7119(SX)	20700	20.4	2.4	--	--	13.8	0.0	--	--	--	--
SUCROSCO 118A(SX)	20300	22.4	5.0	--	--	13.7	5.5	--	--	--	--
AGRIPRO AP 655(SX)	18400	23.5	3.9	--	--	13.7	1.1	--	--	--	--
HOEGEMEYER SX2684(SX)	21100	22.7	0.6	--	--	13.6	6.6	--	--	--	--
LYNNVILLE RS 745(SX)	19500	22.1	3.2	--	--	13.6	7.7	--	--	--	--
DEKALB DK636(SX)	17200	22.0	5.0	0.0	--	13.6	0.0	--	138.2	--	--
WILSON 2200(SX)	17500	22.7	3.4	--	--	13.5	9.9	--	--	--	--
PAYMASTER 7190(SX)	18600	22.2	5.1	2.1	11.5	13.5	3.3	--	115.2	84.9*	--
NC+ 6131(SX)	18000	23.9	10.4	--	--	13.5	3.3	--	--	--	--
MCALLISTER SX8512(SX)	17000	22.9	4.3	--	--	13.4	8.8	--	--	--	--
LEWIS 5910(SX)	19900	20.6	3.1	0.5	--	13.4	6.6	--	135.2	--	--
LYNNVILLE RS 22A(SX)	18300	21.8	2.8	--	--	13.4	1.1	--	--	--	--
COCKER 8625(SX)	17900	22.3	4.6	--	--	13.3	9.9	--	--	--	--
JACQUES 8300(SX)	17100	25.0	4.9	--	--	13.3	0.0	--	--	--	--
MCCURDY 7676(SX)	19500	23.0	6.4	3.8	9.9	13.2	6.6	--	140.1*	92.5*	--
WILSON 1700(SX)	19500	23.3	4.2	1.1	7.0	13.2	5.5	--	140.4*	61.5	--
PAYCO SX 925(SX)	17600	22.4	6.2	--	--	13.2	5.5	--	--	--	--
S-BRAND SS-69(SX)	17600	21.5	3.9	--	--	13.2	4.4	--	--	--	--
WILSON 1800B(SX)	19500	21.7	5.2	2.2	--	13.2	0.0	--	127.6	--	--
BURRUS BX26(SX)	19800	23.5	1.8	0.5	4.3	13.1	8.8	--	154.2*	84.5*	--
S-BRAND SS-70(SX)	18300	24.9	5.7	--	11.0	13.1	6.6	--	--	72.3	--
MCCURDY 7711(SX)	19400	23.6	5.7	--	--	13.1	3.3	--	--	--	--
GOLDEN HARVEST EX-241(SX)	19300	24.7	4.4	--	--	13.1	0.0	--	--	--	--
CARGILL 973(SX)	18300	24.7	4.0	--	--	12.9	8.8	--	--	--	--
AGRIPRO HP 555(SX)	19400	22.1	10.9	1.7	--	12.9	7.7	--	114.7	--	--
PIONEER 3475(SX)	14900	20.7	2.9	0.0	--	12.9	7.7	--	139.8*	--	--
TRIUMPH 1595(SX)	18400	23.3	6.4	--	--	12.9	7.7	--	--	--	--
AMERICANA 4040(SX)	17100	22.7	9.6	--	--	12.9	4.4	--	--	--	--
NC+ 6190(SX)	19300	21.8	7.3	2.7	7.0	12.9	4.4	--	135.0	75.9	--
WILSON 2100(SX)	17900	21.9	9.9	--	--	12.9	3.3	--	--	--	--
RING AROUND RA 1502(SX)	20500	23.6	6.5	1.0	6.5	12.7	5.5	--	134.0	63.0	--
GROWMARK FS 681(SX)	19600	23.2	5.5	--	--	12.6	8.8	--	--	--	--
CARGILL 967(SX)##	19000	23.6	5.7	2.8	2.4	12.6	6.6	--	122.0	51.9	--
GROWMARK FS 693(SX)	19900	23.0	4.7	--	--	12.6	6.6	--	--	--	--
SHISSLER GR8 184(SX)	18100	23.0	4.8	1.1	--	12.6	5.5	--	140.3*	--	--
EK PREMIUM EX 8805(SX)	19200	22.3	7.3	1.0	--	12.6	1.1	--	151.0*	--	--
AMERICANA 4640(SX)	19700	23.8	4.9	1.5	9.5	12.5	9.9	--	128.2	74.5	--

TABLE 4. CONTINUED.

BRAND-HYBRID	PLANTS (#/ACRE)		MOIST (%)			LODGING (%)			YIELD (BU/ACRE)		
	1985	1985	1985	1984	1983	1985	1984	1983	1985	1984	1983
DOCKENDORFF 7670(SX)	18600	23.0	3.5	0.6	--	125.6*	144.6*	--			
CROW'S 690(SX)	17900	24.8	6.1	1.1	--	125.5*	128.5	--			
GROAGRI GSC 2333(SX)	19400	21.7	8.0	0.5	--	125.4*	137.8	--			
SHISSLER GR8 196(SX)	19300	22.7	1.7	1.1	--	124.9*	135.8	--			
SUCROSCO 115A(SX)	19300	23.6	3.7	--	--	124.5*	--	--			
S-BRAND SS-63(SX)	17100	21.9	1.6	1.7	--	124.4*	144.0*	--			
CARGILL 955(SX)	17900	21.7	3.1	1.5	3.1	124.3*	137.5	59.6			
BURRUS BX32(SX)	19300	23.7	3.9	--	--	124.3*	--	--			
FONTANELLE 6230(SX)	20100	22.2	5.5	--	--	123.9*	--	--			
BO-JAC 562(SX)	19500	24.8	11.0	0.5	11.2	123.6	155.2*	72.9			
GROWMARK FS 675(SX)	19100	23.2	6.6	--	--	123.6	--	--			
GARST 8538(SX)	19400	20.6	3.6	--	--	123.4	--	--			
GROAGRI GSC 2212(SX)	17100	23.7	7.5	1.1	--	123.3	138.2	--			
PAYCO SX 900(SX)	18800	22.7	3.0	--	--	123.1	--	--			
MCALLISTER SX7300B(SX)	18400	23.9	20.5	1.2	--	122.6	143.6*	--			
STAUFFER S7759(SX)	19000	22.9	4.9	--	--	122.6	--	--			
LEWIS X59B(SX)	17600	22.3	2.0	0.5	6.0	122.6	129.4	78.0			
LYNNVILLE RS 23A(SX)	19100	23.0	3.0	1.6	5.4	122.0	157.3**	84.3*			
SUPER CROST 7600(SX)	17300	24.2	6.8	2.9	12.1	121.8	151.7*	64.0			
BO-JAC 601(SX)	17700	24.2	2.1	1.2	4.1	121.1	138.8*	69.1			
LYNKS LX 4344(SX)	15900	24.7	3.7	--	--	120.9	--	--			
GROAGRI GSC 2216(SX)	17800	23.1	1.2	1.8	--	120.9	130.7	--			
FONTANELLE 6257(SX)	18900	22.4	3.8	1.0	--	120.4	139.8*	--			
AMERICANA 4730(SX)	17700	25.2	4.3	0.0	10.9	120.3	152.3*	80.0*			
CARGILL 971(SX)	18500	23.9	4.9	--	--	120.3	--	--			
HOEGEMEYER SX2692(SX)	18600	22.1	4.8	--	--	120.3	--	--			
SUCROSCO 117(SX)	17300	23.6	1.9	--	--	119.8	--	--			
POCKLINGTON PM-71(SX)	15100	25.3	3.1	0.6	--	119.2	119.6	--			
STURDY GROW 829A(SX)	22000	25.4	3.7	0.5	--	119.1	122.0	--			
POCKLINGTON PM-51(SX)	18700	22.2	3.5	--	--	118.3	--	--			
CROW'S 688(SX)	17300	22.8	3.0	0.0	--	117.7	--	--			
TRIUMPH 1580(SX)	16700	22.7	5.1	0.0	--	117.6	127.0	--			
SHISSLER GR8 186(SX)	18100	23.0	3.2	--	--	117.6	--	--			
ASGROW/O'S GOLD RX892(SX)	19600	24.8	2.8	--	--	117.1	--	--			
CROW'S SL67(SX)	16900	21.3	2.0	--	--	116.8	--	--			
S-BRAND SS-63A(SX)	16600	22.7	4.3	--	--	116.5	--	--			
SUPER CROST 5438(SX)	18700	23.9	4.6	4.3	15.6	116.3	137.8	77.0			
PAG SX352(SX)	21000	24.7	6.4	2.1	--	115.4	134.7	--			
MOEWS SM4980(SX)	18800	21.9	6.8	--	--	114.3	--	--			
STURDY GROW 805A(SX)	18500	23.1	2.5	2.8	--	114.3	128.3	--			
HOEGEMEYER SX2840(SX)	18900	25.2	10.8	--	--	114.0	--	--			
IOWA-MISSOURI SX16(SX)	19800	22.0	4.6	--	--	112.5	--	--			
DEKALB DK656(SX)	17900	21.9	4.6	1.0	3.1	112.5	140.2*	71.4			
GARST 8555(SX)	20000	22.2	2.2	--	--	112.2	--	--			
POCKLINGTON P-6392(SPX)	20300	22.8	4.6	1.5	--	111.1	132.5	--			
LYNKS LX 4406(SX)	16900	23.9	4.8	--	--	110.8	--	--			
STURDY GROW 621(SX)	18500	21.6	7.8	--	--	110.3	--	--			
DEKALB DK727(SX)	18500	25.0	6.8	2.1	10.4	108.7	130.9	87.8*			
NORTHROP KING PX9581(SX)	17900	23.3	5.1	0.5	7.7	107.6	143.2*	68.6			
DEKALB XL72AA(SX)**	19400	23.8	5.8	0.5	8.7	106.9	138.6*	58.0			
SUPER CROST 5452(SX)	16400	24.1	4.4	3.2	--	104.9	147.6*	--			
LYNNVILLE RS 3335(SX)	19300	21.1	3.2	--	--	103.2	--	--			
SUPER CROST 83106(SX)	16300	23.7	13.1	--	--	96.1	--	--			
US-13(DX)	16400	22.0	45.0	16.0	11.7	59.5	87.0	24.4			
MATURITY GROUP 3											
PAYMASTER 7989(SX)	18600	23.2	3.1	--	--	141.2**	--	--			
GARST 8388(SX)	19500	21.9	4.9	2.1	--	140.5**	144.8*	--			
MOEWS SM725(SX)	18300	23.2	4.5	2.1	7.6	139.8**	126.5	69.8			
PIONEER 3378(SX)	19100	22.1	5.2	0.6	--	139.6**	130.8	--			
NC+ 8331(SX)	21700	24.2	7.5	1.1	6.3	137.2**	141.8*	74.4			
PIONEER 3377(SX)**	16800	20.8	6.3	0.5	3.2	135.7**	135.1	81.0*			
GARST 8345(SX)	17800	22.6	6.4	2.3	--	128.7**	136.3	--			
AGRIPRO HP 771(SX)	20900	26.2	9.8	2.3	--	127.9**	124.5	--			
PAYMASTER 7990(SX)	17700	23.4	3.4	1.1	--	126.7**	136.0	--			
GARST 8344(SX)	18900	21.5	3.2	0.5	--	124.2	140.6*	--			
SUCROSCO 119(SX)	16100	23.1	3.0	--	--	122.1	--	--			
PIONEER 3358(SX)**	16000	23.6	2.2	0.0	5.1	116.2	128.0	83.6*			
PAYMASTER 8201(SX)**	17600	22.4	7.1	2.1	6.7	116.2	135.5	71.1			
CROW'S SL75(SX)	17200	23.3	6.1	1.0	--	113.5	137.9	--			
PIONEER 3389(SX)	17800	22.2	2.5	--	--	113.5	--	--			
MOEWS SM6440(SX)	16600	26.6	4.8	3.4	5.9	111.9	132.6	65.6			
ZIMMERMAN Z-14(SX)#	20300	27.2	5.2	--	--	110.0	--	--			
MCALLISTER SX6837(SX)	18000	25.2	8.7	0.5	--	105.3	130.9	--			
ZIMMERMAN Z-60W(SX)#	17700	26.1	8.2	--	--	104.8	--	--			
MATURITY GROUP 4											
PIONEER 3184(SX)**	17400	25.8	3.3	1.7	5.7	149.0**	115.0	80.0*			
PIONEER 3297(SX)	16900	23.2	0.0	1.7	--	137.7**	120.2	--			
PAYMASTER 8990(SX)	19600	22.9	11.2	--	--	132.7**	--	--			
PIONEER 3183(SX)**	18900	25.3	11.1	1.7	5.3	128.0**	136.3	74.8			
TRIAL AVERAGE											
L.S.D. AT .05	18550	22.8	5.6	1.9	7.7	123.2	131.7	67.6			
	3100	2.3	9.2			24.6	18.8	16.7			

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

-- DATA NOT AVAILABLE.

\*\* WIDELY-GROWN HYBRID.

# WHITE HYBRID.

TABLE 5. PERFORMANCE OF CORN HYBRIDS EVALUATED NEAR SPICKARD ON THE NORTH MISSOURI CENTER FROM 1983-85. PLANTED: 18 APRIL 1985. HARVESTED: 3 OCTOBER 1985. PLANTED POPULATION: 23000.

BRAND-HYBRID	PLANTS	MOIST	LODGING			YIELD		
	(#/ACRE)	(%)	1985	1984	1983	1985	1984	1983
MATURITY GROUP 1								
MFA 6707(SX)	19200	21.5	6.5	7.5	16.3	85.7*	63.1	12.5
MCCURDY 7372(SX)	19000	21.1	3.0	---	---	84.0*	---	---
JACQUES 8100(SX)	15100	22.9	6.1	5.7	---	80.8*	61.7	---
PAG SX310(SX)	16900	22.2	2.7	---	---	78.6*	---	---
AMERICANA 3300(SX)	18300	23.2	2.4	4.8	4.2	75.1*	52.9	17.4
JACQUES 7900(SX)	17000	21.9	1.4	11.7	15.8	70.3*	53.1	15.0
CARGILL 937(SX)	17300	21.7	4.6	2.3	---	70.1*	66.4*	---
BURRUS BX19(SX)	20000	20.8	2.4	---	---	70.0*	---	---
GOLDEN HARVEST H-2604(SX)	20500	21.5	4.4	---	4.7	68.2*	---	24.1*
DOCKENDORFF 7150(SX)	19600	19.4	5.0	---	---	67.6*	---	---
ASGROW/O'S GOLD RX788(SX)	16200	21.5	2.2	---	---	67.6*	---	---
FUNK'S G-4522(SPX)**	18500	22.3	5.0	4.6	14.4	65.9*	57.3	17.5
ASGROW/O'S GOLD 2570(SX)	17400	23.1	3.3	6.9	4.6	63.4*	51.0	13.9
MCALLISTER SX8408(SX)	18600	21.3	2.2	---	---	63.3*	---	---
MFA 6708(SPX)**	18100	22.8	2.0	4.9	5.8	60.3*	61.4	15.3
FUNK'S G-4578(3X)	19500	20.9	3.5	12.9	8.5	59.8*	55.2	17.6
MCCURDY 7384(SX)	19700	22.8	1.8	5.7	5.1	58.3*	64.3*	19.1*
COKER XP5074(SX)	19200	19.0	1.9	---	---	57.4*	---	---
GOLDEN HARVEST H-2601(SX)	14600	23.3	6.5	---	---	57.0*	---	---
NORTHROP KING PK9527(SX)	19400	19.5	1.3	5.9	4.9	56.0*	64.6*	14.2
CUSTOM FARM SEED W7951(SX)	15100	21.6	6.0	---	---	55.4*	---	---
RING AROUND RA 1505(SPX)	19800	23.1	4.1	6.6	---	54.6*	68.1*	---
FONTANELLE 5230(SX)	19600	21.8	0.0	2.3	---	54.6*	59.8	---
CARGILL 893(SX)	22000	18.6	2.5	---	---	53.5*	---	---
AMERICANA 3100(SX)	20300	19.1	0.7	2.4	8.1	53.4*	63.7	10.9
CARGILL 924(SX)	21600	21.0	1.7	---	13.5	52.8*	---	9.6
MCALLISTER SX8310(SX)	19000	21.8	0.6	2.9	---	52.1*	54.3	---
SHISSLER GR8 178(SX)	17300	20.1	0.6	---	---	51.9*	---	---
CUSTOM FARM SEED 7000(SX)	19200	22.4	0.7	4.5	11.6	51.3*	42.5	13.4
CUSTOM FARM SEED W4100(SX)	16500	24.1	0.7	---	---	51.1*	---	---
FUNK'S G-4594(3X)	17600	20.5	2.2	---	---	50.6*	---	---
DEKALB T1100(SX)	18300	19.3	0.6	6.5	1.7	50.2*	60.5	17.7
COKER 8575(SX)	15900	21.9	0.7	---	---	50.1*	---	---
CARGILL 889(SX)	19400	17.9	2.6	---	---	50.0*	---	---
PAG SX297(SX)	16600	17.1	0.6	---	---	49.4*	---	---
FUNK'S EXP. 4029X(SX)	18500	19.9	4.8	1.0	---	47.9*	40.1	---
FUNK'S G-4514(SX)	21100	22.1	3.9	13.3	9.0	46.3*	44.8	20.4*
FUNK'S G-4507(SX)	16800	23.5	3.5	5.9	2.8	45.9*	55.2	9.3
NORTHROP KING PK9540(SX)	17600	21.3	0.0	---	---	45.1*	---	---
MFA 5204(SX)	14400	20.0	3.4	4.9	---	43.0*	45.8	---
CUSTOM FARM SEED W6420(SX)	17100	21.6	3.9	3.6	3.1	42.9*	55.4	26.1*
MCALLISTER TX8407(3X)	18500	20.7	1.9	---	---	42.1*	---	---
CARGILL 921(SX)	18300	22.9	0.0	4.5	17.0	40.0*	65.1*	19.0
SHISSLER GR8 176(SX)	17500	20.7	1.9	4.1	---	39.8*	53.3	---
RING AROUND RA 1404(SX)	19200	20.5	0.5	3.9	2.1	37.1*	52.0	10.8
MATURITY GROUP 2								
PAYMASTER 7190(SX)	19500	21.8	1.8	3.3	11.3	94.6**	68.5*	18.7
SUCROSCO 115A(SX)	16800	22.6	13.5	---	---	84.4**	---	---
GROAGRI GSC 2212(SX)	18200	23.2	2.4	1.9	---	84.4**	57.8	---
NORTHROP KING PK9581(SX)	17000	22.7	7.8	7.9	4.4	82.2**	56.3	15.0
AMERICANA 4040(SX)	18800	21.7	0.6	---	---	80.0**	---	---
STAUFFER S7759(SX)	18900	21.4	3.1	---	---	77.7**	---	---
GROAGRI GSC 2216(SX)	18100	22.9	1.7	7.8	---	76.0**	61.0	---
COKER 8625(SX)	17100	21.3	1.4	---	---	75.8**	---	---
JACQUES 8300(SX)	18000	22.4	2.0	---	---	75.0**	---	---
RANDELL 7119(SX)	16800	21.2	2.4	---	---	74.5**	---	---
EK PREMIUM EK 8805(SX)	18800	21.9	3.1	1.2	---	73.9**	63.0	---
PAG SX352(SX)	19600	22.0	1.8	2.4	---	73.5**	62.7	---
AGRIPRO AP 655(SX)	18600	22.2	0.6	---	---	73.3**	---	---
IOWA-MISSOURI SX16(SX)	16300	22.1	5.6	---	---	72.9**	---	---
BO-JAC 603(SX)	18900	22.1	2.4	---	---	72.2**	---	---
GROAGRI GSC 2333(SX)	17600	23.3	1.3	5.3	---	70.8**	62.4	---
FONTANELLE 6230(SX)	16000	22.5	1.4	---	---	70.1**	---	---
CROW'S 688(SX)	16400	23.8	2.2	---	---	69.8**	---	---
S-BRAND SS-63A(SX)	13700	22.0	0.0	---	---	69.2**	---	---
MOEWS S-4980(SX)	17700	20.9	1.8	---	---	68.9**	---	---
TRIUMPH 1595(3X)	18300	22.1	0.9	---	---	68.9**	---	---
DOCKENDORFF 7670(SX)	20000	21.9	0.0	2.9	---	68.7**	60.7	---
SUPER CROST 5452(SX)	19100	20.6	3.9	7.0	---	68.7**	66.4*	---
HOEGEMEYER SX2684(SX)	16500	21.2	2.2	---	---	68.7**	---	---
NC+ 6190(SX)	19700	22.0	1.8	14.3	1.6	68.2**	57.8	18.5
PAYCO SX 925(SX)	16300	21.8	1.4	---	---	67.2**	---	---
WILSON 1800B(SX)	17300	22.2	4.1	3.3	---	66.8**	56.6	---
LYNNVILLE RS 23A(SX)	16000	21.3	3.6	4.9	5.7	65.5*	52.1	18.2
PIONEER 3475(SX)	18400	18.9	0.5	4.0	---	65.5*	44.1	---
AGRIPRO HP 555(SX)	18600	24.0	0.0	7.2	---	65.1*	49.4	---
AMERICANA 4640(SX)	18400	22.3	5.4	3.3	5.2	65.0*	51.1	20.2*
BURRUS BX26(SX)	19100	21.4	1.3	1.3	2.7	64.3*	53.0	13.5*
CARGILL 955(SX)	19200	20.6	0.7	2.3	4.0	64.0*	59.7	20.0*
SHISSLER GR8 186(SX)	18300	21.2	1.3	---	---	63.5*	---	---
CROW'S SL67(SX)	15000	22.3	1.1	---	---	63.0*	---	---
WILSON 2100(SX)	21700	21.5	0.6	---	---	62.9*	---	---
GOLDEN HARVEST EX-241(SX)	18100	23.6	1.2	---	---	62.9*	---	---
LYNNVILLE RS 22A(SX)	17600	21.5	0.9	---	---	62.4*	---	---
FONTANELLE 6257(SX)	17300	23.7	6.0	6.5	---	62.3*	67.2*	---
SUCROSCO 118A(SX)	17900	22.4	1.3	---	---	62.2*	---	---
SUPER CROST 5438(SX)	18500	22.4	2.4	5.4	3.9	61.2*	50.0	10.8

TABLE 5. CONTINUED.

BRAND-HYBRID	PLANTS #/ACRE		MOIST %		LODGING %			YIELD (BU/ACRE)	
	1985	1985	1985	1984	1983	1985	1984	1983	
LYNNVILLE RS 3335(SX)	19500	19.3	0.7	--	--	61.1	--	--	
GARST 8555(SX)	22100	18.9	1.9	--	--	61.0	--	--	
S-BRAND SS-70(SX)	19400	23.7	3.1	--	--	60.5	--	20.0*	
MCCURDY 7711(SX)	20200	23.2	1.2	--	--	60.3	--	--	
SUPER CROST 83106(SX)	16800	24.4	2.1	--	--	59.7	--	--	
MCCURDY 7676(SX)	20000	21.5	3.6	15.8	10.7	59.7	52.3	11.2	
MCALLISTER SX7300B(SX)	20900	23.2	1.7	1.2	--	57.6	44.0	--	
NC+ 6131(SX)	18600	22.9	6.0	--	--	57.2	--	--	
LYNKS LX 4406(SX)	16200	22.1	3.0	--	--	57.0	--	--	
GROWMARK FS 6933(SX)	17600	20.9	1.2	--	--	56.8	--	--	
POCKLINGTON PM-71(SX)	15000	22.8	2.5	1.3	--	56.2	46.8	--	
LEWIS 5910(SX)	17700	21.5	0.7	2.2	--	55.9	61.8	--	
STURDY GROW 829A(SX)	22100	22.9	1.1	5.7	--	55.7	44.0	--	
PAYCO SX 900(SX)	17800	22.3	3.3	--	--	55.7	--	--	
HOEGEMEYER SX2692(SX)	16600	21.7	0.9	--	--	54.7	--	--	
LYNKS LX 4355(SX)	17200	22.7	8.1	5.9	2.1	54.6	58.9	20.3*	
HOEGEMEYER SX2840(SX)	19700	22.7	0.5	--	--	54.6	--	--	
LYNNVILLE RS 745(SX)	18800	21.7	1.9	--	--	54.5	--	--	
S-BRAND SS-63(SX)	20800	20.8	1.6	--	--	54.3	64.1*	--	
WILSON 1700(SX)	18000	22.3	0.0	3.1	--	53.7	52.7	16.7	
STURDY GROW 805A(SX)	20300	23.2	5.3	9.3	2.2	53.4	57.6	--	
LEWIS X59B(SX)	16800	22.1	0.9	3.2	9.3	53.3	60.0	20.6*	
TRIUMPH 1580(SX)	19700	21.7	1.8	4.9	--	52.5	50.4	--	
DEKALB DK656(SX)	17300	21.3	1.0	4.7	3.4	52.1	50.9	14.3	
POCKLINGTON P-6392(SPX)	20300	21.6	0.5	3.4	--	52.1	36.9	--	
WILSON 2200(SX)	18100	23.8	1.3	--	--	51.1	--	--	
CARGILL 973(SX)	18600	22.0	0.6	--	--	50.5	--	--	
BO-JAC 601(SX)	17000	23.3	1.4	5.3	2.1	50.5	60.5	14.4	
GROWMARK FS 681(SX)	15700	23.6	2.6	--	--	49.8	--	--	
AMERICANA 4730(SX)	18000	22.9	5.6	1.3	11.6	49.5	57.1	11.3	
GROWMARK FS 675(SX)	17400	20.5	1.1	--	--	49.5	--	--	
DEKALB DK727(SX)	17900	26.5	6.3	4.4	5.1	49.2	61.9	19.0	
GROAGRI GSC 2355(SX)	17200	24.8	0.6	11.6	--	48.6	57.3	--	
LYNKS LX 4344(SX)	17600	21.0	0.6	--	--	46.5	--	--	
SUPER CROST 7600(SX)	18500	22.5	0.0	1.2	9.0	46.2	42.2	16.6	
POCKLINGTON PM-51(SX)	17700	21.0	0.6	--	--	45.6	--	--	
DEKALB XL72AA(SX)##	17100	23.1	4.8	8.5	2.3	44.9	45.0	18.4	
ASGROW O'S GOLD RX892(SX)	16000	24.4	3.0	--	--	44.6	--	--	
STURDY GROW 621(SX)	18600	20.2	1.2	--	--	44.4	--	--	
RING AROUND RA 1502(SX)	16300	24.7	2.4	3.9	19.1	43.8	40.3	13.9	
CARGILL 971(SX)	18700	24.6	0.5	--	--	43.5	--	--	
S-BRAND SS-69(SX)	18500	23.5	0.0	--	--	42.4	--	--	
CARGILL 967(SX)##	19600	23.4	2.4	2.2	--	41.9	52.0	19.2*	
RANDELL 7120(SX)	17900	21.7	0.7	1.3	1.1	41.7	58.7	--	
SHISSLER GR8 194(SX)	18400	22.9	1.3	4.6	--	41.2	52.9	--	
CROW'S 690(SX)	20100	23.5	1.2	5.3	--	40.6	51.2	--	
BO-JAC 562(SX)	17300	23.7	1.4	4.4	7.4	40.1	49.9	15.6	
DEKALB DK636(SX)	19600	21.8	1.2	2.6	--	37.8	58.3	--	
MCALLISTER SX8512(SX)	17600	22.5	0.0	--	--	37.1	--	--	
SHISSLER GR8 196(SX)	20200	25.0	1.2	3.0	--	35.1	48.0	--	
GARST 8538(SX)	18600	20.6	0.6	--	--	34.5	--	--	
SUCROSCO 117(SX)	18300	21.7	1.9	--	--	32.9	--	--	
BURRUS BX32(SX)	15300	22.0	1.6	--	--	26.6	--	--	
US-13(DX)	18900	22.1	9.9	12.2	6.2	21.4	48.2	12.9	

MATURITY GROUP 3

MCALLISTER SX6837(SX)	18800	24.3	1.9	4.9	--	85.1*	58.2	--
GARST 8388(SX)	16700	20.5	0.0	1.2	--	79.3*	50.0	--
PAYMASTER 7990(SX)	17900	22.3	0.7	3.8	--	70.7*	45.4	--
PAYMASTER 8201(SX)##	18600	22.4	7.5	11.7	12.6	70.2*	50.1	15.3
PIONEER 3378(SX)	20100	21.2	1.1	3.6	--	70.0*	63.8	--
NC+ 8331(SX)	18300	24.3	3.0	2.4	11.4	67.4*	52.8	23.1*
GARST 8345(SX)	17700	21.5	2.0	2.4	--	63.6	52.7	--
PAYMASTER 7989(SX)	18800	22.3	1.2	--	--	60.1	--	--
PIONEER 3377(SX)##	17200	23.0	0.7	1.6	6.0	58.6	73.9*	12.9
CROW'S SL75(SX)	18600	24.1	2.5	8.6	--	57.9	59.6	--
AGRIPRO HP 771(SX)	19800	24.1	5.6	4.4	--	57.0	54.3	--
PIONEER 3358(SX)##	19000	23.5	2.3	2.2	1.5	55.7	58.0	13.0
GARST 8344(SX)	17900	21.0	0.0	2.3	--	53.3	57.6	--
SUCROSCO 119(SX)	18400	21.4	2.7	--	--	52.1	--	--
PIONEER 3389(SX)	20900	22.8	0.5	--	--	51.6	--	--
MOEWS SM725(SX)	19300	23.9	3.0	5.9	5.1	48.8	77.0**	20.5*
MOEWS SM6440(SX)	15600	23.9	1.5	2.8	3.7	44.7	33.6	11.0
ZIMMERMAN Z-14(SX)##	20000	26.5	1.2	--	--	28.8	--	--
ZIMMERMAN Z-60W(SX)##	19700	25.8	2.2	--	--	28.4	--	--

MATURITY GROUP 4

PIONEER 3183(SX)##	16300	23.6	0.6	2.4	6.7	54.0	67.4*	9.4
PAYMASTER 8990(SX)	18400	23.8	3.5	--	--	43.0	--	--
PIONEER 3297(SX)	19900	21.6	0.5	1.2	--	41.8	61.7	--
PIONEER 3184(SX)##	18700	23.5	1.3	2.2	6.4	22.7	59.4	9.0

TRIAL AVERAGE	18233	22.1	2.3	4.4	8.5	57.2	55.0	14.8
L.S.D. AT .05	3700	1.9	6.5	--	--	29.0	13.1	8.1

\*\* HIGHEST YIELDING HYBRID IN THE TEST.  
 \* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.  
 -- DATA NOT AVAILABLE.  
 ## WIDELY-GROWN HYBRID.  
 # WHITE HYBRID.

TABLE 6. PERFORMANCE OF CORN HYBRIDS EVALUATED NEAR NOVELTY ON THE GREENLEY MEMORIAL CENTER FROM 1983-85. PLANTED: 22 APRIL 1985. HARVESTED: 21-23 NOVEMBER 1985. PLANTED POPULATION: 23000.

BRAND-HYBRID	PLANTS (#/ACRE)		MOIST (%)		LODGING (%)		YIELD (BU/ACRE)		
	1985	1985	1985	1985	1984	1983	1985	1984	1983
MATURITY GROUP 1									
ASGROW/O'S GOLD RX788(SX)	20900	18.4	2.3	--	--	--	171.2*	--	--
CARGILL 937(SX)	22800	19.2	7.7	15.6	--	--	168.9*	63.5*	--
RING AROUND RA 1505(SPX)	21800	20.2	11.0	6.4	--	--	166.6*	52.2	--
FUNK'S G-4594(SX)	22400	20.9	12.3	--	--	--	165.8*	--	--
MCALLISTER SX8310(SX)	19700	18.7	3.5	1.6	--	--	164.1*	59.8	--
PAG SX310(SX)	23000	18.4	7.2	--	--	--	158.7*	--	--
NORTHROP KING PX9540(SX)	21300	18.5	9.9	--	--	--	158.4*	--	--
MCCURDY 7372(SX)	20900	18.8	3.7	--	--	--	157.8*	--	--
CARGILL 924(SX)	21800	18.8	16.9	--	--	--	157.7*	--	--
FONTANELLE 5230(SX)	18400	19.0	4.9	2.9	36.1	--	156.9*	--	4.6
DOCKENDORFF 7150(SX)	23000	18.4	6.0	--	--	--	155.3*	56.7	--
GOLDEN HARVEST H-2604(SX)	20600	18.7	5.2	--	--	41.4	155.2*	--	--
FUNK'S G-4522(SFX)##	21400	19.0	5.1	8.0	45.0	--	152.8*	57.5	12.8*
MFA 6707(SX)	22800	19.9	16.7	7.3	38.8	--	152.3*	62.3*	5.4*
MCCURDY 7384(SX)	20100	17.8	3.5	1.6	50.7	--	152.1*	56.6	6.9
DEKALB T1100(SX)	23000	18.4	1.5	2.8	7.8	--	151.7*	56.7	5.8
CARGILL 921(SX)	22700	17.7	8.9	23.9	29.0	--	151.6*	67.6*	14.0*
FUNK'S G-4507(SX)	20000	19.2	9.9	6.5	34.6	--	150.7*	48.9	8.0
MCALLISTER TX8407(SX)	23000	18.8	3.0	--	--	--	146.6	--	--
NORTHROP KING PX9527(SX)	23000	19.0	4.1	2.6	11.2	--	146.6	47.8	6.0
GOLDEN HARVEST H-2601(SX)	18100	19.2	19.6	--	--	--	145.5	--	--
RING AROUND RA 1404(SX)	20400	20.0	4.0	2.9	--	--	145.4	54.3	7.4
JACQUES 8100(SX)	21600	18.8	5.9	9.4	11.9	--	144.5	66.3*	--
MCALLISTER SX8408(SX)	20000	18.2	4.8	--	--	--	144.3	--	--
COKER XP5074(SX)	23000	17.6	3.0	--	--	--	144.1	--	--
JACQUES 7900(SX)	19300	19.4	9.8	3.5	40.7	--	144.0	54.0	9.0
FUNK'S G-4578(SX)	19600	21.6	7.5	10.7	41.6	--	144.0	49.5	9.5
FUNK'S G-4514(SX)	20000	17.8	5.3	9.7	39.2	--	139.7	57.1	7.5
CARGILL 889(SX)	18800	18.5	4.6	--	--	--	139.4	--	--
CARGILL 893(SX)	23000	19.0	4.1	--	--	--	138.2	--	--
CUSTOM FARM SEED W6420(SX)	19700	22.5	7.2	6.0	33.7	--	138.0	65.1*	12.0
SHISSLER GR8 176(SX)	22300	18.5	6.8	3.0	--	--	138.0	49.1	--
PAG SX297(SX)	22200	19.0	1.5	--	--	--	138.0	--	--
MFA 5204(SX)	23000	18.8	3.5	2.8	--	--	138.0	42.8	--
AMERICANA 3100(SX)	21800	20.0	3.8	2.1	20.6	--	134.7	52.3	6.6
MFA 6708(SPX)##	19100	18.7	7.8	4.9	33.8	--	132.0	53.7	7.3
COKER 8575(SX)	21600	19.4	3.7	--	--	--	132.0	--	--
BURRUS BX19(SX)	19300	18.6	3.1	--	--	--	131.8	--	--
CUSTOM FARM SEED W7951(SX)	20000	18.6	6.7	--	--	--	130.7	--	--
SHISSLER GR8 178(SX)	21500	19.9	2.8	--	--	--	130.1	--	--
AMERICANA 3300(SX)	19300	19.4	9.7	8.6	42.9	--	128.0	71.6**	12.4
FUNK'S EXP.4029X(SX)	19000	18.6	9.7	2.6	--	--	127.3	54.3	--
CUSTOM FARM SEED 7000(SX)	21000	21.1	5.6	6.3	48.0	--	126.0	45.3	6.5
CUSTOM FARM SEED W4100(SX)	18400	20.3	9.2	--	--	--	118.0	--	--
ASGROW/O'S GOLD 2570(SX)	20600	18.7	9.9	11.4	36.5	--	115.6	59.4	12.1
MATURITY GROUP 2									
PAG SX352(SX)	21700	18.5	6.1	5.6	--	--	179.2**	55.5	--
CARGILL 967(SX)##	21800	19.8	10.2	2.4	15.6	--	173.0*	45.0	5.8
AMERICANA 4040(SX)	19900	18.6	6.1	--	--	--	170.6*	--	--
COKER 8625(SX)	20400	19.1	4.1	--	--	--	170.2*	--	--
SUPER CROST 5452(SX)	19800	19.4	6.8	8.3	--	--	169.8*	59.4	--
TRIUMPH 1580(SX)	21400	18.2	8.2	3.2	--	--	168.9*	61.0	--
SHISSLER GR8 186(SX)	22300	18.6	4.9	--	--	--	168.8*	--	--
TRIUMPH 1595(SX)	21100	18.9	4.5	--	--	--	168.7*	--	--
GOLDEN HARVEST EX-241(SX)	21900	18.8	8.3	--	--	--	168.1*	--	--
PAYCO SX 900(SX)	19300	18.4	4.3	--	--	--	166.3*	--	--
NC+ 6131(SX)	21100	19.2	16.3	--	--	--	166.2*	--	--
GROAGRI GSC 2355(SX)	22700	19.5	11.9	8.5	--	--	165.0*	51.8	--
STAUFFER 57759(SX)	22600	19.6	10.6	--	--	--	164.8*	--	--
AGRIPRO AP 655(SX)	20500	20.0	3.5	--	--	--	164.7*	--	--
POCKLINGTON PM-71(SX)	16600	19.4	7.8	2.6	--	--	163.7*	47.8	--
LYNKS LX 4355(SX)	21700	18.6	6.0	41.9	--	--	163.5*	58.1	6.8
CARGILL 955(SX)	21300	21.2	11.1	3.4	9.4	--	162.3*	55.9	9.6
S-BRAND SS-63(SX)	19500	18.8	5.4	1.5	--	--	161.4*	55.7	--
WILSON 1800B(SX)	21800	19.1	5.9	7.3	--	--	161.2*	54.5	--
PIONEER 3475(SX)	20000	19.1	5.6	1.3	--	--	161.0*	45.8	--
AGRIPRO HP 555(SX)	22400	19.5	10.3	8.6	--	--	160.4*	52.4	--
LYNNVILLE RS 745(SX)	21900	17.9	9.8	--	--	--	160.0*	--	--
GARST 8538(SX)	21800	20.3	6.1	--	--	--	159.9*	--	--
DEKALB XL72AA(SX)##	20200	20.1	6.4	3.7	37.8	--	158.3*	57.8	7.1
SUCROSCO 118A(SX)	20900	18.7	6.7	--	--	--	158.3*	--	--
DOCKENDORFF 7670(SX)	20800	18.5	6.6	1.8	--	--	158.2*	58.4	--
GROAGRI GSC 2216(SX)	20800	19.4	9.2	3.1	--	--	158.1*	59.9	--
DEKALB DK636(SX)	21600	18.3	8.2	2.3	--	--	157.8*	52.5	--
PAYMASTER 7190(SX)	23000	17.2	8.0	23.1	40.2	--	157.7*	67.7*	12.3
AMERICANA 4640(SX)	21000	19.7	3.3	3.3	7.9	--	157.3*	45.4	6.0
MCALLISTER SX7300B(SX)	20100	21.5	9.7	8.7	--	--	157.0*	52.1	--
HOEGEMEYER SX2840(SX)	20200	21.2	6.8	--	--	--	157.0*	--	--
S-BRAND SS-70(SX)	20000	20.3	5.3	--	--	--	157.0*	--	--
STURDY GROW 805A(SX)	19400	19.4	8.5	5.3	37.3	--	156.7*	--	6.3
IOWA-MISSOURI SX16(SX)	20800	19.0	2.9	--	--	--	155.2*	--	--
WILSON 1700(SX)	20300	19.1	8.7	3.2	25.9	--	154.7*	49.9	15.7*
CROW'S 690(SX)	20600	20.9	7.0	5.0	--	--	154.6*	32.1	--
GROAGRI GSC 2212(SX)	18200	18.5	9.1	6.2	--	--	153.6*	62.6*	--
PAYCO SX 925(SX)	20500	18.2	5.2	--	--	--	153.0*	--	--
WILSON 2100(SX)	20400	17.5	3.5	--	--	--	151.9*	--	--
RING AROUND RA 1502(SX)	20800	19.0	4.1	4.8	23.5	--	151.9*	50.0	5.9



TABLE 6. CONTINUED.

BRAND-HYBRID	PLANTS (#/ACRE)		LODGING (%)			YIELD (BU/ACRE)		
	1985	1985	1985	1984	1983	1985	1984	
DEKALB DK656(SX)	20200	19.4	2.7	4.5	28.3	151.9*	57.6	6.5
CROW'S SL67(SX)	19700	20.6	6.3	---	---	151.8*	---	---
LEWIS 5910(SX)	19700	17.5	7.8	4.4	---	151.8*	55.6	---
MCALLISTER SX8512(SX)	19200	18.7	8.0	---	---	150.8*	---	---
GROWMARK FS 6933(SX)	21400	19.3	5.1	---	---	150.5*	---	---
AMERICANA 4730(SX)	21900	19.5	5.5	8.6	38.2	149.8*	49.7	6.9
CROW'S 688(SX)	18400	19.8	8.0	---	---	148.9	---	---
JACQUES 8300(SX)	20700	20.1	5.8	---	---	148.8	---	---
SHISSLER GR8 196(SX)	23000	20.3	5.6	3.4	---	148.2	45.7	---
EK PREMIUM EK 8805(SX)	20800	18.5	3.2	2.3	---	148.1	59.6	---
S-BRAND SS-63A(SX)	17600	18.8	2.7	---	---	148.0	---	---
GROAGRI GSC 2333(SX)	20100	18.9	6.1	11.4	---	147.8	53.2	---
SUPER CROST 83106(SX)	19600	21.1	6.8	---	---	146.5	---	---
BURRUS BX26(SX)	21600	21.0	5.5	3.4	16.5	146.4	66.9*	4.7
CARGILL 971(SX)	22500	20.4	8.3	---	---	146.0	---	---
GARST 8555(SX)	21500	17.9	8.7	---	---	146.0	---	---
GROWMARK FS 675(SX)	23000	19.4	4.7	---	---	145.9	---	---
HOEGEMEYER SX2692(SX)	21900	19.8	7.4	---	---	145.8	---	---
STURDY GROW 829A(SX)	23000	21.1	8.2	5.1	---	145.7	33.6	---
LYNNVILLE RS 22A(SX)	20100	19.2	2.3	---	---	145.4	---	---
GROWMARK FS 681(SX)	19100	20.1	5.6	---	---	145.4	---	---
LYNKS LX 4344(SX)	19000	19.5	4.3	---	---	144.9	---	---
S-BRAND SS-69(SX)	17800	19.7	5.6	---	---	144.8	---	---
MCCURDY 7711(SX)	20100	20.2	6.6	---	---	144.8	---	---
MOEWS SM4980(SX)	22500	19.8	4.9	---	---	143.5	---	---
HOEGEMEYER SX2684(SX)	20900	19.4	2.9	---	---	143.5	---	---
SUCROSCO 117(SX)	20200	18.6	4.7	---	---	143.1	---	---
POCKLINGTON P-6392(SPX)	23000	18.0	7.7	5.3	---	142.9	34.2	---
POCKLINGTON PM-51(SX)	21100	18.4	6.2	---	---	141.7	---	---
SUPER CROST 5438(SX)	20100	18.3	6.0	3.5	40.9	141.4	60.6	8.8
ASGROW/O'S GOLD RX892(SX)	19400	19.6	11.3	---	---	141.3	---	---
RANDELL 7119(SX)	19500	19.2	7.7	---	---	140.6	---	---
SUPER CROST 7600(SX)	20800	21.1	14.8	12.6	34.2	140.4	43.5	7.7
RANDELL 7120(SX)	19900	18.9	7.2	10.7	---	139.3	59.1	---
WILSON 2200(SX)	19700	19.3	0.6	---	---	138.9	---	---
CARGILL 973(SX)	18500	19.8	2.7	---	---	137.9	---	---
BO-JAC 562(SX)	21900	21.6	5.5	5.1	27.6	137.9	46.8	9.0
LEWIS X59B(SX)	20600	17.6	3.6	1.1	32.3	137.9	61.9*	7.0
BO-JAC 603(SX)	21900	19.0	4.1	---	---	136.9	---	---
SHISSLER GR8 194(SX)	19300	20.3	7.4	10.6	---	136.8	51.5	---
MCCURDY 7676(SX)	20300	19.5	2.3	9.9	43.3	136.7	52.4	6.5
LYNKS LX 4406(SX)	19500	19.5	7.6	---	---	136.3	---	---
LYNNVILLE RS 3335(SX)	23000	17.6	4.5	---	---	136.0	---	---
DEKALB DK727(SX)	22900	19.1	23.5	1.1	17.0	134.4	50.1	5.4
BURRUS BX32(SX)	20200	18.8	2.1	---	---	133.7	---	---
FONTANELLE 6230(SX)	18700	19.1	3.8	---	---	133.6	---	---
BO-JAC 601(SX)	18800	18.2	4.4	3.7	23.5	130.6	57.7	5.6
LYNNVILLE RS 23A(SX)	18000	18.6	9.8	1.6	38.6	130.4	64.5*	8.9
NC+ 6190(SX)	20600	19.2	9.4	3.4	40.4	128.6	56.9	11.1
SUCROSCO 115A(SX)	18400	18.8	5.3	---	---	125.0	---	---
FONTANELLE 6257(SX)	19900	18.7	8.0	3.4	---	123.2	69.0*	---
STURDY GROW 621(SX)	23000	18.8	4.7	---	---	123.1	---	---
NORTHROP KING PX9581(SX)	21600	19.9	5.4	10.2	17.4	122.2	48.8	8.1
US-13(DX)	21900	22.1	8.5	8.8	41.6	98.2	32.6	8.1

## MATURITY GROUP 3

PIONEER 3389(SX)	21300	19.2	7.7	---	---	168.9*	---	---
PIONEER 3378(SX)	20500	19.1	6.6	2.4	---	167.8*	49.0	---
MOEWS SM725(SX)	21200	21.2	6.8	8.1	10.3	162.1*	45.3	5.8
PIONEER 3358(SX)##	20700	19.3	5.2	2.9	34.5	161.5*	38.8	9.7
AGRIPRO HP 771(SX)	23000	19.2	19.1	6.6	---	161.1*	40.7	---
GARST 8388(SX)	21100	18.7	1.7	2.8	---	161.0*	58.1	---
PAYMASTER 7989(SX)	20200	19.5	6.0	---	---	160.3*	---	---
PIONEER 3377(SX)##	19200	18.3	10.6	1.7	32.4	158.7*	55.3	9.0
PAYMASTER 7990(SX)	20400	18.7	2.8	2.8	---	157.3*	52.2	---
CROW'S SL75(SX)	20700	19.4	12.1	6.1	---	155.3*	54.0	---
SUCROSCO 119(SX)	19000	18.4	3.1	---	---	152.4*	---	---
MOEWS SM6440(SX)	19700	20.4	14.7	6.0	17.7	151.8*	35.7	4.2
GARST 8345(SX)	21100	19.0	3.8	3.6	---	150.7*	48.0	---
MCALLISTER SX6837(SX)	19800	22.0	9.8	6.7	---	150.0*	65.7*	---
GARST 8344(SX)	21400	20.5	3.2	2.1	---	145.9	54.6	---
NC+ 8331(SX)	19400	21.3	9.0	12.2	39.2	145.6	46.8	9.3
PAYMASTER 8201(SX)##	21700	18.7	8.3	5.3	34.1	144.8	59.9	7.7
ZIMMERMAN Z-14(SX)#	22400	22.5	74.8	---	---	129.0	---	---
ZIMMERMAN Z-60W(SX)#	23000	22.7	6.2	---	---	118.6	---	---

## MATURITY GROUP 4

PIONEER 3297(SX)	21200	19.3	7.4	2.7	---	167.1*	53.1	---
PIONEER 3183(SX)##	20000	20.6	11.8	1.7	34.4	160.7*	42.6	5.8
PIONEER 3184(SX)##	20800	22.1	7.4	3.2	17.5	159.9*	48.9	5.0
PAYMASTER 8990(SX)	22500	21.0	4.2	---	---	143.5	---	---

TRIAL AVERAGE	20817	19.3	7.2	5.8	31.1	148.7	50.8	7.6
L.S.D. AT .05	2500	2.0	15.5	---	---	30.2	10.4	4.7

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

-- DATA NOT AVAILABLE.

## WIDELY-GROWN HYBRID.

# WHITE HYBRID.

TABLE 7. PERFORMANCE RECORD OF CORN HYBRIDS EVALUATED AT THREE NORTH MISSOURI LOCATIONS (FAIRFAX, SPICKARD, AND NOVELTY) DURING 1985. PLANTED POPULATION: 23000.

BRAND-HYBRID	LOGGING				YIELD (BU/ACRE)			
	FAIRFAX	SPICKARD	NOVELTY	MEAN	FAIRFAX	SPICKARD	NOVELTY	MEAN
MATURITY GROUP 1								
CARGILL 937(SX)	4.6	4.6	7.7	5.6	135.8	70.1	168.9	124.9
MFA 6707(SX)	8.9	6.5	16.7	10.7	136.2	85.7	152.3	124.7
MCCURDY 7372(SX)	4.1	3.0	3.7	3.6	127.3	84.8	157.8	123.3
ASGROW/O'S GOLD RX788(SX)	4.4	2.2	2.3	2.9	129.3	67.6	171.2	122.7
PAG SX310(SX)	2.9	2.7	2.2	2.6	124.2	78.6	158.7	120.5
MCALLISTER SX8310(SX)	1.1	1.6	2.0	1.4	141.9	52.1	161.1	120.0
RING AROUND RA 1505(SPX)	3.1	4.1	1.0	2.4	135.6	54.6	168.6	119.2
JACQUES 7900(SX)	6.8	1.4	6.0	6.0	142.1	70.3	144.0	118.8
JACQUES 8100(SX)	6.7	6.1	6.6	6.2	128.9	80.0	144.5	118.0
MCCURDY 7384(SX)	1.2	1.8	3.5	2.1	136.9	58.3	152.1	115.7
FUNK'S G-4522(SPX)##	9.5	5.0	1.1	1.1	127.4	65.9	152.8	115.3
FUNK'S G-4594(SX)	2.2	2.2	12.3	6.2	124.1	50.6	165.8	113.5
FON'ANELLE 5230(SX)	1.8	0.0	4.4	2.2	127.8	54.6	155.4	112.2
MCALLISTER SX8408(SX)	2.5	2.2	4.8	2.5	128.1	63.3	144.3	111.1
DOCKENDORFF 7150(SX)	4.1	4.1	6.0	6.0	108.7	67.8	155.3	110.0
AMERICANA 3300(SX)	4.8	2.4	2.4	2.4	128.0	75.1	128.0	110.0
NORTHROP KING PX9540(SX)	0.1	0.0	4.0	1.5	125.3	45.1	158.4	109.0
NORTHROP KING PX9527(SX)	7.6	3.3	1.1	1.1	125.4	56.6	148.6	109.0
GOLDEN HARVEST H-2601(SX)	10.6	6.6	10.6	6.6	125.1	57.7	148.5	109.0
CARGILL 924(SX)	15.6	4.7	1.0	1.1	115.8	92.2	156.9	108.8
GOLDEN HARVEST H-2604(SX)	4.4	4.4	6.0	6.0	99.7	68.2	155.6	107.7
FUNK'S G-4578(SX)	12.4	3.5	7.7	7.8	120.5	59.8	140.6	106.9
DEKALB T1100(SX)	1.7	3.5	1.5	1.2	117.8	51.2	151.7	106.5
BURRUS BX19(SX)	4.0	2.2	3.3	3.1	115.8	70.0	131.8	105.8
MCALLISTER TX8407(SX)	5.9	1.9	0.0	1.6	126.5	42.1	146.6	105.0
FUNK'S G-4507(SX)	3.3	3.5	8.9	7.2	117.6	45.9	150.7	104.7
CARGILL 921(SX)	11.3	0.0	8.9	6.6	118.3	40.0	151.6	103.3
AMERICANA 3100(SX)	6.0	0.0	7.3	5.5	121.2	53.4	134.3	102.8
SHISSLER GR8 178(SX)	4.0	0.6	7.3	4.4	126.5	51.9	130.1	102.8
MFA 6708(SPX)##	4.4	2.2	7.7	6.6	114.9	60.0	133.6	102.4
ASGROW/O'S GOLD 2570(SX)	0.9	0.0	7.7	4.4	128.6	60.3	132.0	102.4
COKER 8575(SX)	4.6	2.9	4.4	4.4	124.5	50.0	132.0	102.1
FUNK'S G-4514(SX)	0.7	2.6	4.4	2.2	120.2	46.3	139.9	102.0
CARGILL 889(SX)	7.7	2.6	4.4	4.4	116.4	50.0	136.7	101.9
COKER XP5074(SX)	6.7	1.9	3.3	3.0	104.4	57.4	144.4	101.9
PAG SX297(SX)	1.7	0.6	1.1	1.2	120.5	49.4	135.1	101.8
FUNK'S EXP.4029X(SX)	2.8	4.8	6.6	7.7	126.1	47.9	127.3	100.4
CUSTOM FARM SEED W7951(SX)	4.4	6.0	6.6	7.7	112.6	55.4	130.7	99.5
CARGILL 893(SX)	3.8	2.5	4.1	4.1	104.0	53.5	136.2	98.5
SHISSLER GR8 176(SX)	5.8	1.9	4.4	4.8	118.5	39.8	136.5	98.2
CUSTOM FARM SEED 7000(SX)	6.7	0.0	5.6	4.3	114.9	51.3	126.5	97.7
RING AROUND RA 1404(SX)	3.8	0.5	2.0	2.2	109.6	37.7	145.5	97.7
MFA 5204(SX)	5.4	3.4	3.3	3.4	113.5	43.0	134.7	97.6
CUSTOM FARM SEED W4100(SX)	10.6	0.7	7.2	6.6	105.3	51.1	118.5	91.6
CUSTOM FARM SEED W6420(SX)	16.2	3.9	7.2	9.1	91.6	42.9	138.0	90.8
MATURITY GROUP 2								
PAYMASTER 7190(SX)	5.1	1.8	8.0	4.9	135.3	94.6	157.7	129.2
AMERICANA 4040(SX)	9.6	0.6	6.1	5.4	129.4	80.0	170.2	126.6
COKER 8625(SX)	4.6	1.4	4.1	4.1	133.9	75.8	170.2	126.6
AGRIPRO AP 655(SX)	3.9	0.6	3.5	3.5	134.1	73.3	164.1	124.8
PAG SX352(SX)	6.6	1.8	6.1	7.7	131.4	74.4	170.2	122.7
TRIUMPH 1595(SX)	4.9	0.9	6.6	4.4	129.7	68.8	168.7	122.4
STAUFFER S7759(SX)	4.4	3.1	10.6	6.6	122.2	77.7	164.8	121.7
GROAGRI GSC 2212(SX)	7.5	2.4	8.1	8.1	123.3	84.4	153.6	120.4
GOLDEN HARVEST EX-241(SX)	4.4	1.2	8.3	5.5	131.0	62.9	166.5	120.1
WILSON 1800B(SX)	5.2	4.1	5.9	6.0	130.0	66.8	161.2	120.0
LYNKS LX 4355(SX)	4.3	8.8	0.0	0.0	139.8	54.6	163.5	119.3
NC+ 6131(SX)	10.4	6.0	16.3	10.9	135.2	57.2	165.5	119.3
SUCROSCO 118A(SX)	5.0	1.3	6.7	4.4	137.6	62.2	158.3	119.3
JACQUES 8300(SX)	4.9	2.0	4.4	4.4	133.0	75.0	148.8	118.9
PIONEER 3475(SX)	2.9	0.5	6.6	6.6	128.7	65.5	161.0	118.7
AGRIPRO HP 555(SX)	10.9	0.0	15.0	7.7	129.7	65.1	160.4	118.4
GROAGRI GSC 2216(SX)	2.2	3.7	7.3	3.3	129.9	76.0	158.1	118.3
RANDELL 7119(SX)	2.4	2.4	7.7	1.1	138.0	74.5	146.6	117.7
GROAGRI GSC 2355(SX)	5.9	0.6	11.1	4.4	139.4	48.6	165.0	117.6
DOCKENDORFF 7670(SX)	0.0	0.0	6.6	6.6	125.6	68.7	158.2	117.5
PAYCO SX 925(SX)	2.2	1.4	5.5	3.3	132.5	67.2	153.0	117.5
LYNNVILLE RS 745(SX)	3.3	1.9	8.8	4.4	136.7	54.5	159.9	117.0
CARGILL 955(SX)	1.1	0.7	11.1	6.6	128.3	64.0	162.3	116.8
SHISSLER GR8 186(SX)	2.2	1.3	4.9	3.3	117.6	63.5	168.8	116.6
HOEGEMEYER SX2684(SX)	0.6	2.2	4.9	1.9	136.8	68.3	143.5	116.3
S-BRAND SS-70(SX)	5.9	1.1	4.4	4.4	134.6	60.5	158.7	116.2
AMERICANA 4640(SX)	4.7	3.9	5.5	5.5	125.9	65.0	157.3	116.0
EK PREMIUM EK 8805(SX)	7.3	1.1	4.4	4.4	128.1	73.9	148.1	116.0
BO-JAC 603(SX)	2.2	0.6	5.5	5.5	133.6	72.3	133.9	115.9
PAYCO SX 900(SX)	2.2	0.6	4.4	4.4	123.6	55.7	166.2	115.0
WILSON 2100(SX)	8.0	0.6	3.3	3.3	129.3	62.9	151.6	114.7
GROAGRI GSC 2333(SX)	9.0	1.3	1.1	1.1	125.4	70.0	147.8	114.6
SUPER CROST 5452(SX)	4.4	3.9	6.6	6.6	104.9	68.7	169.8	114.4
LEWIS 5910(SX)	3.1	0.7	3.3	3.3	134.6	55.9	151.8	114.1
BURRUS BX26(SX)	1.8	0.5	5.5	5.5	131.8	64.3	146.4	114.1
LYNNVILLE RS 22A(SX)	2.8	0.0	1.7	1.7	134.1	62.4	145.4	113.9
CARGILL 967(SX)##	5.7	2.4	6.1	6.1	126.6	41.9	173.0	113.8
WILSON 1700(SX)	7.2	2.4	7.3	4.4	132.5	53.7	154.7	113.6
IOWA-MISSOURI SX16(SX)	5.7	6.6	4.4	4.4	124.5	72.3	151.7	113.3
S-BRAND SS-63(SX)	6.6	0.6	4.4	4.4	124.5	72.3	151.7	113.3
POCKLINGTON PM-71(SX)	3.1	2.5	7.8	4.4	119.2	56.2	163.7	113.0

TABLE 7. CONTINUED.

BRAND-HYBRID	LODGING (%)				YIELD (BU/ACRE)			
	FAIRFAX	SPICKARD	NOVELTY	MEAN	FAIRFAX	SPICKRD	NOVELTY	MEAN
TRIUMPH 1580(SX)	5.1	1.8	8.2	5.0	117.6	52.5	168.9*	113.0*
MCALLISTER SX7300B(SX)	20.5	1.7	6.7	5.0	122.6	57.8*	157.0*	112.4*
CROW'S 688(SX)	5.0	2.2	8.0	5.0	117.7	69.8*	148.9	112.1
MCCURDY 7711(SX)	2.6	1.2	6.6	3.4	131.3*	60.3*	144.2	111.9
SUCROSCO 115A(SX)	3.7	13.5	5.3	7.5	124.5*	84.4*	125.0	111.3
GROWMARK FS 6933(SX)	4.7	1.2	5.1	3.6	126.6*	56.8*	150.5*	111.3
S-BRAND SS-63A(SX)	4.3	0.0	2.7	2.3	116.5	69.2*	148.0	111.2
CROW'S SL67(SX)	2.0	1.1	6.3	3.1	116.8*	63.0*	151.8*	110.5
DEKALB DK636(SX)	2.0	1.2	6.3	4.8	136.6*	37.8*	157.8*	110.5
MCCURDY 7676(SX)	4.4	3.6	2.3	4.1	132.6*	59.7*	136.7	109.6
FONTANELLE 6230(SX)	5.5	1.4	3.8	3.5	123.9	70.1*	133.6	109.2
MOEWS SM4980(SX)	6.6	1.8	1.9	4.5	114.3	68.9*	143.5	108.8
NC+ 6190(SX)	7.3	1.8	0.9	6.1	129.9*	68.2*	128.6	108.2
WILSON 2200(SX)	3.4	1.3	0.6	1.7	135.9*	51.1*	138.9	108.0
HOEGEMEYER SX2840(SX)	10.0	0.5	6.8	5.9	114.0	54.6	157.0*	108.5
STURDY GROW 805A(SX)	2.5	5.3	8.5	5.4	114.2	53.4	156.0*	107.8
RING AROUND RA 1502(SX)	6.4	2.4	4.1	4.3	127.5*	43.8	151.9*	107.7
MCALLISTER SX8512(SX)	4.3	0.0	8.0	4.0	134.8*	37.1	150.8*	107.5
GROWMARK FS 681(SX)	5.5	2.6	5.6	4.5	126.8*	49.8	145.4	107.3
CROW'S 690(SX)	1.1	1.2	7.0	4.7	125.5*	40.6	154.6*	106.9
HOEGEMEYER SX2692(SX)	4.8	0.9	7.4	4.3	120.3	54.7	145.8	106.9
STURDY GROW 829A(SX)	9.9	0.1	8.2	6.6	119.1	55.7	145.7	106.8
S-BRAND SS-69(SX)	3.9	0.0	5.6	3.1	132.4*	42.2	144.4	106.8
AMERICANA 4730(SX)	2.2	1.9	8.7	6.1	120.3	49.5	149.8*	106.8
GARST 8555(SX)	2.2	1.6	8.7	4.2	112.2	61.0	146.0	106.4
SUPER CROST 5438(SX)	4.2	2.4	6.0	4.3	116.3	61.2	141.4	106.3
RANDELL 7120(SX)	1.6	0.7	4.2	3.0	138.1*	41.7	139.3	106.3
GROWMARK FS 675(SX)	6.6	1.1	4.7	4.1	123.6	49.5	145.9	106.3
CARGILL 973(SX)	4.0	0.6	2.7	2.4	129.8*	50.5	137.9	106.0
LYNNVILLE RS 23A(SX)	5.2	3.6	9.8	6.2	122.0	65.5	130.4	105.9
GARST 8538(SX)	3.6	0.6	6.1	3.4	123.4	59.9	139.9	105.9
DEKALB DK656(SX)	4.6	1.0	2.7	2.7	112.5	52.1	151.9*	105.5
LEWIS X59B(SX)	2.0	0.9	3.6	2.1	122.6	53.3	137.7	104.5
LYNKX LX 4344(SX)	1.1	0.6	4.3	2.6	120.9	46.5	144.9	104.1
NORTHROP KING PX9581(SX)	5.8	4.8	5.4	6.6	107.6	82.2*	122.2	104.0
DEKALB XL72AA(SX)##	3.9	4.8	6.4	5.6	106.9	44.9	158.3*	103.3
CARGILL 971(SX)	4.9	0.5	8.3	4.5	120.3	43.5	146.0	103.2
SUPER CROST 7600(SX)	6.8	0.0	14.8	7.2	121.8	46.2	140.4	102.8
SHISSLER GR8 196(SX)	1.7	1.2	5.6	2.8	124.9*	35.1	148.2	102.7
POCKLINGTON P-6392(SPX)	4.6	0.5	7.7	4.2	111.2	52.1	142.9	102.0
FONTANELLE 6257(SX)	3.8	6.9	8.0	6.2	120.4	62.3	123.2	101.9
POCKLINGTON PM-51(SX)	2.5	0.6	6.2	3.1	118.3	45.6	141.7	101.8
SHISSLER GR8 194(SX)	4.8	1.3	7.4	5.5	126.6*	41.2	136.8	101.5
LYNKX LX 4406(SX)	4.8	3.0	7.6	4.1	110.8*	57.0	136.6	101.3
ASGROW/O'S GOLD RX892(SX)	2.8	3.0	11.3	5.7	117.1	44.6	141.3	101.0
SUPER CROST 83106(SX)	13.1	2.0	8.6	6.0	96.1	59.7	146.5	100.7
BO-JAC 601(SX)	2.7	1.4	4.4	2.8	121.1	50.5	130.6	100.7
BO-JAC 562(SX)	11.0	1.4	5.5	5.9	123.6	40.1	137.9	100.5
LYNNVILLE RS 3335(SX)	3.2	0.7	4.5	2.8	103.2	61.1	136.0	100.1
SUCROSCO 117(SX)	1.9	1.9	4.7	2.8	119.9	32.9	143.1	98.6
DEKALB DK727(SX)	6.8	6.3	23.5	12.2	108.7	49.2	134.4	97.4
BURRUS BX32(SX)	5.9	1.6	2.1	3.2	124.3	26.6	133.7	94.8
STURDY GROW 621(SX)	7.8	1.2	4.7	4.5	110.3	44.4	123.1	92.6
US-13(DX)	45.0	9.9	8.5	21.1	59.5	21.4	98.2	59.7

MATURITY GROUP 3

GARST 8388(SX)	2.9	0.0	1.7	1.5	140.5*	79.3*	161.0*	126.9*
PIONEER 3378(SX)	5.2	1.1	8.6	4.9	139.6*	70.0*	167.8*	125.8*
PAYMASTER 7989(SX)	3.3	1.2	6.0	3.4	141.2*	60.1	160.3*	120.5*
PAYMASTER 7990(SX)	3.4	0.7	2.8	2.3	126.7*	70.7*	157.3*	118.2*
PIONEER 3377(SX)##	6.3	0.7	10.6	5.8	135.7*	58.6	158.7*	117.6*
MOEWS SM725(SX)	4.5	3.0	6.8	4.7	139.8*	48.8	162.1*	116.9*
NC+ 8331(SX)	7.5	3.0	9.0	6.5	137.2*	67.4*	145.6	116.7*
AGRIPRO HP 771(SX)	9.8	5.6	19.1	11.5	127.9*	57.0	161.1*	115.3*
GARST 8345(SX)	6.4	2.0	3.8	4.0	128.7*	63.6	150.7*	114.3*
MCALLISTER SX6837(SX)	8.7	0.9	9.8	6.8	105.3	85.1*	150.0*	113.4*
PIONEER 3389(SX)	2.5	0.5	7.7	3.5	113.5	51.6	168.9*	111.3
PIONEER 3358(SX)##	2.2	2.3	5.2	3.5	116.2	55.7	161.4*	111.1
PAYMASTER 8201(SX)##	7.1	7.5	8.3	7.6	116.2	70.2*	144.0*	110.4
CROW'S SL75(SX)	6.1	2.5	12.1	6.9	113.5	57.9	155.3*	108.9
SUCROSCO 119(SX)	3.0	2.7	3.1	2.9	122.1	52.1	152.2*	108.8
GARST 8344(SX)	3.2	0.0	3.2	2.1	124.2	53.3	145.9*	107.8
MOEWS SM6440(SX)	4.8	1.5	14.7	7.0	111.9	44.7	151.8*	102.8
ZIMMERMAN Z-14(SX)#	5.2	1.2	74.8	27.0	110.0	29.8	129.0	89.6
ZIMMERMAN Z-60W(SX)#	8.2	2.2	6.2	5.5	104.8	28.4	118.6	83.9

MATURITY GROUP 4

PIONEER 3297(SX)	0.0	0.5	7.4	2.6	137.7*	41.8	167.1*	115.5*
PIONEER 3183(SX)##	11.1	0.6	11.8	7.8	128.0*	54.0	160.7*	114.2*
PIONEER 3184(SX)##	3.3	1.3	7.4	4.0	149.0**	22.7	159.9*	110.5
PAYMASTER 8990(SX)	11.2	3.5	4.2	6.3	132.7*	43.0	143.5	106.4

TRIAL AVERAGE	5.6	2.3	7.2	5.0	123.2	57.2	148.7	109.7
L.S.D. AT .05	9.2	6.5	15.5	6.3	24.6	29.0	30.2	17.0

\*\* HIGHEST YIELDING HYBRID IN THE TEST.  
 \* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.  
 ## WIDELY-GROWN HYBRID.  
 # WHITE HYBRID.

TABLE 8. PERFORMANCE OF CORN HYBRIDS EVALUATED NEAR MARSHALL ON THE FRANK SWISHER FARM FROM 1983-85. PLANTED: 25 APRIL 1985. HARVESTED: 17 SEPTEMBER 1985. PLANTED POPULATION: 23000.

BRAND-HYBRID	PLANTS (#/ACRE)	MOIST (%)	LODGING (%)			YIELD (BU/ACRE)		
			1985	1984	1983	1985	1984	1983
MATURITY GROUP 1								
MFA 6707(SX)	21000	24.0	0.5	47.3	16.8	160.6*	124.8	143.5
NORTHROP KING PX9527(SX)	22700	21.2	4.0	---	---	153.5*	---	---
CARGILL 924(SX)	20900	19.9	2.6	---	2.1	150.1*	---	141.4
PAG SX310(SX)	21800	22.3	1.2	---	---	149.0*	---	---
MFA 6708(SPX)##	18500	23.2	2.2	27.4	14.9	148.5*	146.6	143.9
RING AROUND RA 1505(SPX)	19700	23.0	3.0	29.2	---	146.8*	138.0	---
FUNK'S G-4522(SPX)##	19600	23.5	0.5	48.2	2.2	145.9*	139.6	123.5
CARGILL 937(SX)	19000	23.5	1.4	48.5	---	143.2*	139.9	---
AMERICANA 3300(SX)	19400	22.9	1.4	61.9	2.5	142.9*	146.4	132.4
FUNK'S EXP.4029X(SX)	18000	21.3	0.2	57.6	---	141.4*	152.8	---
GOLDEN HARVEST H-2601(SX)	18800	22.8	0.7	---	---	141.4*	---	---
CARGILL 921(SX)	18500	21.3	1.1	31.5	3.3	140.7*	144.7	151.6*
MFA 5204(SX)	22800	21.3	3.3	19.3	---	140.3*	134.7	---
RING AROUND RA 1404(SX)	21100	22.2	1.7	---	---	139.3*	---	---
FUNK'S G-4594(3X)	19500	23.2	2.4	---	---	139.0	---	---
GOLDEN HARVEST H-2604(SX)	20100	22.1	2.2	---	3.9	137.2	---	130.9
FUNK'S G-4514(SX)	20500	22.4	0.4	45.7	3.1	137.1	148.7	121.6
JACQUES 8100(SX)	18000	22.9	1.8	38.2	---	135.7	156.0	---
JACQUES 7900(SX)	19100	23.5	0.8	34.8	---	135.5	174.0*	---
FUNK'S G-4578(3X)	19400	22.1	0.0	34.1	2.4	133.7	136.8	113.3
NORTHROP KING PX9540(SX)	18400	22.2	2.1	---	---	131.2	---	---
FUNK'S G-4507(SX)	17000	23.8	4.7	55.5	4.5	127.5	160.1	160.1*
POCKLINGTON PM-321(SX)	15900	25.0	0.0	---	---	123.4	---	---
MATURITY GROUP 2								
CARGILL 967(SX)##	20100	23.4	1.8	22.0	7.4	166.7*	147.7	120.9
GROAGRI GSC 2355(SX)	23000	27.4	1.8	57.7	---	160.5*	148.6	---
DEKALB XL72AA(SX)##	18900	23.2	0.0	37.9	1.7	157.7*	157.5	138.8
PAG SX352(SX)	20600	23.2	0.7	39.7	---	155.2*	160.3	---
S-BRAND SS-70(SX)	22100	26.4	1.6	---	---	153.4*	---	---
LYNKS LX 4355(SX)	21200	23.3	0.0	22.4	5.3	151.7*	155.3	163.6*
AGRIPRO HP 555(SX)	20700	24.8	1.7	---	---	151.6*	---	---
SUPER CROST 5452(SX)	21500	21.7	0.6	---	---	151.3*	---	---
AMERICANA 4780(SX)	18000	24.2	2.2	---	---	149.7*	---	---
CARGILL 971(SX)	21800	25.1	0.4	---	---	149.5*	---	---
GOLDEN HARVEST EX-241(SX)	17800	24.2	2.5	---	---	149.0*	---	---
LYNKS LX 4406(SX)	17000	25.9	0.8	---	---	148.0*	---	---
JACQUES 8400(SX)	20900	28.3	1.1	53.2	4.5	148.0*	151.7	146.2*
GROWMARK FS 6933(SX)	20600	22.7	0.7	---	---	147.3*	---	---
SHISSLER GR8 194(SX)	20500	26.9	1.6	26.0	---	146.9*	147.8	---
S-BRAND SS-69(SX)	18200	23.4	0.9	---	---	146.6*	---	---
POCKLINGTON P-6331A(SX)	20000	22.7	1.2	41.3	---	145.9*	144.0	---
S-BRAND SS-63(SX)	19100	20.7	1.8	---	---	145.5*	---	---
SUPER CROST 7600(SX)	20600	27.0	1.7	18.0	4.6	145.1*	159.4	110.1
FUNK'S G-4673A(SPX)	23000	24.6	1.0	16.5	9.0	144.6*	130.5	139.1
NC+ 6190(SX)	18500	23.1	1.3	44.9	4.5	143.6*	168.9*	147.0*
STAUFFER 114+(SX)	20700	28.5	1.1	21.4	1.3	143.2*	143.5*	160.8*
POCKLINGTON PM-51(SX)	19600	22.1	0.5	25.4	---	143.0*	154.3	---
AMERICANA 4640(SX)	19100	25.0	3.5	37.1	2.3	142.8*	156.5	134.4
TRIUMPH 1580(SX)	19700	23.2	5.5	46.8	---	142.4*	151.0	---
BO-JAC 905(SX)	19300	28.2	0.6	---	---	141.9*	---	---
DEKALB DK656(SX)	18600	22.6	1.3	29.4	7.5	140.3*	150.3	156.7*
NC+ 6131(SX)	19100	24.9	2.1	---	---	140.2*	---	---
CARGILL 973(SX)	18700	24.1	0.5	---	---	139.3*	---	---
AMERICANA 4730(SX)	20700	26.1	0.0	26.3	5.7	138.5	148.9	117.9
RING AROUND RA 1502(SX)	21500	24.9	0.3	23.1	3.8	138.3	160.7	138.9
PAG SX354(SX)	16400	24.0	0.7	3.2	15.5	137.8	147.7	141.8
BURRUS BX26(SX)	18700	22.1	0.0	---	---	137.7	---	---
DEKALB DK672(SX)	22200	24.8	1.0	---	---	136.7	---	---
GROAGRI GSC 2216(SX)	18300	23.3	0.5	36.8	---	136.1	142.6	---
NIEMEYER N-116(SX)	22000	23.7	1.2	47.5	---	135.9	148.9	---
FEDERAL FX40A(SX)	18000	22.2	2.2	16.4	---	135.7	147.3	---
EK PREMIUM EK 8805(SX)	19100	23.3	1.1	39.5	---	134.2	160.3	---
PAYCO-LOWE 617(SX)	23000	25.2	0.7	---	---	134.0	---	---
DEKALB DK727(SX)	23000	27.7	2.8	50.6	5.9	133.9	142.4	161.1*
PAYCO-LOWE 537(SX)	17000	26.7	0.6	---	---	133.5	---	---
STAUFFER S7759(SX)	20200	22.9	1.1	---	---	133.1	---	---
NORTHROP KING PX9581(SX)	18600	24.5	0.3	26.0	2.4	132.9	151.7	131.6
BO-JAC 603(SX)	19500	22.2	1.5	---	---	132.2	---	---
S-BRAND SS-63A(SX)	19900	21.7	0.4	---	---	129.2	---	---
NIEMEYER N-114A(SX)	19800	22.3	2.7	---	---	129.2	---	---
POCKLINGTON PM-451(SX)	16800	21.2	0.0	---	---	128.5	---	---
FUNK'S G-4614(SPX)	16200	23.1	2.3	32.4	---	127.7	131.2	---
AGRIPRO AP 655(SX)	17000	24.5	0.5	---	---	127.4	---	---
SUPER CROST 5438(SX)	19400	23.4	2.1	---	2.1	126.4	---	123.4
GROAGRI GSC 2333(SX)	16700	22.4	2.0	34.6	---	124.5	157.0	---
GROAGRI GSC 2212(SX)	17200	22.9	0.7	34.7	---	124.0	154.8	---
LYNKS LX 4344(SX)	17500	25.8	0.5	---	---	123.5	---	---
CARGILL 955(SX)	18600	23.0	0.9	21.6	1.9	122.1	145.5	147.1*
PRIZE 206(SX)	20500	23.2	1.3	20.4	---	122.0	184.3*	---
BO-JAC 674(SX)	16800	23.9	2.3	---	---	121.7	---	---
TRIUMPH 1595(3X)	19600	23.2	1.0	---	---	120.7	---	---
GROWMARK FS 681(SX)	18700	23.7	1.3	---	---	119.0	---	---

TABLE 8. CONTINUED.

BRAND-HYBRID	PLANTS	MOIST	LODGING			YIELD		
	(#/ACRE)	(%)	(%)	(%)	(%)	(BU/ACRE)	(BU/ACRE)	(BU/ACRE)
	1985	1985	1985	1984	1983	1985	1984	1983
BO-JAC 601(SX)	17300	21.6	0.6	13.9	1.7	114.7	150.0	166.9*
AMERICANA 4040(SX)	21500	23.9	0.5	--	--	111.0	--	--
NIEMEYER N-114(SX)	20600	22.3	0.3	40.9	2.5	105.2	137.1	135.4
DEKALB DK636(SX)	20700	20.7	0.8	17.0	--	105.1	140.5	--
RAY CARROL EXP 3737(SX)	18300	23.9	0.0	--	--	101.5	--	--
US-13(DX)	20700	23.4	21.0	56.5	25.5	91.7	106.4	100.5
MATURITY GROUP 3								
PAYMASTER 7989(SX)	18600	23.2	3.3	--	--	168.7**	--	--
AGRIPRO HP 771(SX)	23000	27.6	2.7	--	--	164.3*	--	--
CARGILL 980(SX)	22200	27.0	0.7	42.2	9.0	162.3*	167.1*	138.3
GARST 8345(SX)	20700	23.2	1.1	35.8	--	151.8*	149.7	--
BURRUS BX95(SX)	19400	24.7	1.1	--	--	150.4*	--	--
GARST 8388(SX)	20400	21.7	0.0	14.5	--	149.4*	155.1	--
GROWMARK FS 850(SX)	17700	24.8	1.2	--	--	149.4*	--	--
PIONEER 3378(SX)	17500	23.0	0.3	5.6	--	147.4*	146.9	--
PAYMASTER 7990(SX)	19900	23.0	0.4	34.4	--	146.8*	153.0	--
PIONEER 3358(SX)##	17000	23.8	1.6	14.2	0.6	146.5*	149.2	131.2
GARST 8333(SX)	18600	25.1	1.4	78.4	--	142.8*	143.0	--
PAYMASTER 8201(SX)##	20000	22.9	1.0	61.0	5.9	142.1*	164.6	143.8
PIONEER 3389(SX)	20500	21.9	1.2	--	1.1	141.7*	--	142.2
PIONEER 3377(SX)##	17900	22.4	0.7	30.5	0.5	140.8*	164.7	144.5
FUNK'S G-4733(SPX)	20200	27.9	1.8	6.2	9.3	139.5	148.2	111.2
ZIMMERMAN Z-14(SX)#	20500	32.9	2.7	--	--	137.1	--	--
ZIMMERMAN Z-60W(SX)#	21100	30.4	6.7	--	--	134.2	--	--
GARST 8344(SX)	15700	23.5	0.7	22.6	--	128.5	156.4	--
NIEMEYER N-118(SX)	14200	23.4	0.0	32.1	4.2	106.9	147.2	132.3
MATURITY GROUP 4								
PIONEER 3297(SX)	19900	22.4	0.9	8.9	--	162.0*	152.4	--
PIONEER 3184(SX)##	18700	24.8	0.4	18.3	3.8	159.9*	155.4	140.3
PIONEER 3183(SX)##	18500	25.7	1.9	17.6	6.9	156.6*	186.9**	160.3*
TRIAL AVERAGE								
L.S.D. AT .05	19510	23.8	1.5	32.9	5.2	139.1	147.8	135.6
	2800	2.5	3.3			28.8	20.0	31.9

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

-- DATA NOT AVAILABLE.

## WIDELY-GROWN HYBRID.

# WHITE HYBRID.



TABLE 9. PERFORMANCE OF CORN HYBRIDS EVALUATED NEAR COLUMBIA ON THE AGRONOMY RESEARCH CENTER  
 FROM 1983-85.  
 PLANTED: 17 APRIL 1985. HARVESTED: 12,13 SEPTEMBER 1985. PLANTED POPULATION: 23000.

BRAND-HYBRID	PLANTS (#/ACRE)	MOIST (%)	LODGING (%)			YIELD (BU/ACRE)		
			1985	1984	1983	1985	1984	1983
MATURITY GROUP 1								
CARGILL 921(SX)	19400	23.2	1.7	15.4	6.4	157.7*	86.4*	82.5
FUNK'S G-4594(3X)	18300	23.0	0.6	---	---	151.2*	---	---
JACQUES 8100(SX)	17500	22.9	1.3	8.8	---	154.2*	88.5*	---
CARGILL 924(SX)	17600	23.1	0.6	---	---	152.6*	---	75.6
GOLDEN HARVEST H-2604(SX)	19100	22.5	0.9	---	18.9	150.3*	---	82.9
MFA 6708(SPX)##	18400	24.5	3.3	15.5	32.5	149.0*	79.5	75.8
AMERICANA 3300(SX)	17400	23.2	1.0	9.5	7.0	148.6*	82.8*	93.5*
FUNK'S G-4507(SX)	17800	24.3	1.5	10.1	8.4	147.9	80.6	78.3
MFA 6707(SX)	18500	25.8	0.0	21.1	21.3	147.5	93.6*	79.9
CARGILL 937(SX)	19100	22.9	0.9	25.5	---	145.1	67.2	---
RING AROUND RA 1505(SPX)	16700	25.5	0.9	4.6	---	144.2	85.4*	---
FUNK'S G-4514(SX)	19200	22.4	0.5	12.1	13.7	144.0	73.2	68.7
JACQUES 7900(SX)	18900	23.5	1.7	6.4	---	143.5	74.1	---
NORTHROP KING PX9540(SX)	18100	22.7	0.1	---	---	143.3	---	---
FUNK'S G-4522(SPX)##	16700	22.4	0.0	7.5	7.5	142.3	81.4	91.9*
GOLDEN HARVEST H-2601(SX)	17500	23.7	1.3	---	---	135.4	---	---
FUNK'S G-4578(3X)	18100	23.8	0.3	10.7	7.4	133.6	76.4	81.7
RING AROUND RA 1404(SX)	16400	21.1	1.3	---	---	131.5	---	---
PAG SX310(SX)	17000	24.3	1.7	---	---	131.2	---	---
NORTHROP KING PX9527(SX)	17900	22.2	0.0	---	---	131.1	---	---
FUNK'S EXP.4029X(SX)	17600	20.5	0.1	0.5	---	128.3	76.2	---
POCKLINGTON PM-321(SX)	14700	23.3	1.0	---	---	127.8	---	---
MFA 5204(SX)	15400	22.4	0.6	6.1	---	120.5	87.0*	---
MATURITY GROUP 2								
S-BRAND SS-70(SX)	20000	26.4	0.0	---	---	165.7**	---	---
STAUFFER 114+(SX)	19600	25.3	0.7	6.2	13.3	161.8**	74.7	90.3*
PAG SX352(SX)	19000	22.5	1.5	6.4	---	160.7**	89.1*	---
FUNK'S G-4673A(SPX)	17900	25.7	3.8	7.3	23.1	155.7**	74.4	72.0
RING AROUND RA 1502(SX)	20000	23.1	0.8	7.1	23.0	155.7**	69.7	70.7
GROAGRI GSC 2355(SX)	17800	27.7	0.0	15.2	---	155.4**	83.2*	---
DEKALB XL72AA(SX)##	17000	22.4	4.4	2.8	8.9	155.1**	82.3	82.8
SUPER CROST 7600(SX)	19600	25.2	1.1	9.2	17.4	154.5**	64.9	84.2
AMERICANA 4780(SX)	19800	24.3	0.0	---	---	154.2**	---	---
SUPER CROST 5438(SX)	19300	23.8	0.2	---	11.8	154.0**	---	89.2*
DEKALB DK656(SX)	18400	22.5	0.8	6.1	3.9	153.8**	83.1*	85.7*
AMERICANA 4730(SX)	19300	24.5	0.0	3.4	22.9	153.5**	74.3	86.6*
DEKALB DK672(SX)	14000	22.4	3.3	---	---	152.8**	---	---
FUNK'S G-4614(SPX)	18800	25.9	2.0	6.4	---	152.5**	55.3	---
S-BRAND SS-63A(SX)	16000	22.3	9.6	---	---	151.7**	---	---
JACQUES 8400(SX)	17400	27.1	0.7	20.4	14.4	150.2**	64.2	89.7*
NC+ 6190(SX)	19400	22.6	1.7	22.4	6.7	149.4**	68.8	105.9**
BO-JAC 603(SX)	18900	22.1	0.0	---	---	149.4**	---	---
AMERICANA 4040(SX)	17700	21.4	0.8	---	---	149.1**	---	---
DEKALB DK727(SX)	17700	30.0	0.0	2.9	14.2	148.5**	80.5	85.3
TRIUMPH 1595(3X)	17400	23.1	1.9	---	---	147.5	---	---
FEDERAL FX40A(SX)	17400	24.1	1.3	6.0	---	146.9	78.6	---
GOLDEN HARVEST EX-241(SX)	17900	24.0	0.1	---	---	146.7	---	---
LYNKS LX 4355(SX)	15300	21.7	4.2	10.6	6.6	146.5	85.5*	97.7*
GROAGRI GSC 2333(SX)	15400	24.2	0.6	10.0	---	145.7	77.4	---
TRIUMPH 1580(SX)	15800	22.7	2.2	4.5	---	145.1	84.4*	---
NIEMEYER N-116(SX)	17200	23.4	1.2	2.1	---	143.3	95.0*	---
STAUFFER S7759(SX)	17800	24.8	0.0	---	---	142.8	---	---
DEKALB DK636(SX)	16700	22.1	0.0	2.0	---	142.8	98.4**	---
EK PREMIUM EX 8805(SX)	17700	22.3	0.1	1.6	---	142.7	86.5**	---
GROAGRI GSC 2212(SX)	17400	23.0	2.1	5.6	---	142.7	89.7**	---
CARGILL 955(SX)	19400	23.0	0.0	5.4	2.7	142.2	80.1	84.1
PRIZE 206(SX)	17600	24.1	0.7	10.3	---	141.5	92.8*	---
GROWMARK FS 6933(SX)	18700	21.6	0.5	---	---	141.4	---	---
GROAGRI GSC 2216(SX)	19200	22.8	1.3	9.5	---	140.8	76.9	---
S-BRAND SS-63(SX)	18200	21.4	1.4	---	---	140.6	---	---
CARGILL 973(SX)	17800	24.1	0.0	---	---	140.4	---	---
PAYCO-LOWE 617(SX)	20500	24.6	1.3	---	---	138.8	---	---
CARGILL 967(SX)##	17600	25.6	1.7	7.6	10.9	138.2	74.7	91.6*
SUPER CROST 5452(SX)	15900	23.7	0.0	---	---	138.2	---	---
SHISSLER GR8 194(SX)	15900	24.7	1.0	10.7	---	138.0	59.5	---
AMERICANA 4640(SX)	19600	24.0	0.8	9.2	12.6	137.8	75.3	69.1
NC+ 6131(SX)	18300	24.9	1.3	---	---	137.6	---	---
BO-JAC 905(SX)	17200	24.3	0.0	---	---	137.5	---	---
PAYCO-LOWE 537(SX)	18000	24.3	0.7	---	---	137.1	---	---
LYNKS LX 4406(SX)	16700	25.0	0.6	---	---	136.4	---	---
PAG SX354(SX)	18000	25.3	0.0	14.9	28.6	136.3	70.1	69.5
BO-JAC 601(SX)	16700	22.9	3.1	3.1	7.2	136.1	83.4*	94.6*
POCKLINGTON P-6331A(SX)	19700	23.1	1.1	8.2	---	136.1	71.9	---
NORTHROP KING PX9581(SX)	17800	26.3	1.6	6.6	8.3	136.0	75.8	84.2
AGRIPRO HP 555(SX)	17500	23.5	4.7	---	---	135.6	---	---
BURRUS BX26(SX)	18000	22.8	0.2	---	---	135.2	---	---
CARGILL 971(SX)	16600	25.2	2.0	---	---	133.0	---	---
S-BRAND SS-69(SX)	18700	24.9	0.1	---	---	132.9	---	---
NIEMEYER N-114A(SX)	16900	22.6	3.4	---	---	131.8	---	---
POCKLINGTON PM-451(SX)	18400	23.1	1.4	---	---	130.4	---	---
POCKLINGTON PM-51(SX)	16500	22.8	0.3	3.3	---	129.9	90.0*	---
AGRIPRO AP 655(SX)	18200	24.6	1.0	---	---	129.3	---	---

TABLE 9. CONTINUED.

BRAND-HYBRID	PLANTS	MOIST	LODGING			YIELD		
	(#/ACRE)	(%)	1985	1984	1983	1985	1984	1983
RAY CARROL EXP 3737(SX)	17000	23.4	1.0	--	--	128.9	--	--
GROWMARK FS 681(SX)	16900	23.0	0.0	--	--	128.0	--	--
BC-JAC 674(SX)	18900	23.6	0.5	--	--	124.3	--	--
LYNKS LX 4344(SX)	16600	24.8	4.4	--	--	120.3	--	--
US-13(DX)	19500	23.7	23.2	12.5	31.0	117.0	69.4	60.4
NIEMEYER N-114(SX)	17100	22.5	0.4	5.2	1.4	113.0	63.3	91.1*
MATURITY GROUP 3								
PAYMASTER 7989(SX)	17200	24.4	0.6	--	--	161.4*	--	--
PIONEER 3358(SX)##	19600	24.6	0.0	1.8	9.3	157.9*	90.5*	80.6
PIONEER 3377(SX)##	18100	23.1	2.8	5.5	5.8	151.8*	87.4*	94.3*
AGRIPRO HP 771(SX)	18500	26.6	0.5	--	--	151.2*	--	--
FUNK'S G-4733(SPX)	19800	25.8	0.0	10.8	23.7	150.2*	65.9	69.1
GARST 8333(SX)	19600	23.4	1.4	4.3	--	149.8*	96.7*	--
PIONEER 3389(SX)	17200	22.3	0.0	--	11.4	148.5*	--	92.4*
GARST 8344(SX)	17800	22.2	4.1	2.8	--	147.0	74.6	--
PAYMASTER 7990(SX)	15500	25.8	4.4	4.1	--	146.9	74.4	--
GARST 8388(SX)	20400	22.9	1.8	5.0	--	146.5	91.0*	--
BURRUS BX95(SX)	17400	25.3	0.7	--	--	145.6	--	--
GARST 8345(SX)	18000	23.1	0.6	3.3	8.9	145.5	85.0*	--
PAYMASTER 8201(SX)##	20100	22.5	2.2	8.4	8.9	145.5	73.5	92.9*
GROWMARK FS 850(SX)	17000	26.1	1.5	--	--	145.0	--	--
ZIMMERMAN Z-14(SX)#	15600	31.7	3.7	--	--	142.7	--	--
PIONEER 3378(SX)	17800	22.4	0.6	0.6	--	140.1	75.4	--
ZIMMERMAN Z-60W(SX)#	18300	33.6	5.6	--	--	138.2	--	--
CARGILL 980(SX)	16200	26.4	0.1	4.4	32.7	135.4	71.9	65.9
NIEMEYER N-118(SX)	15900	23.2	4.8	10.0	9.8	125.4	73.0	79.6
MATURITY GROUP 4								
PIONEER 3183(SX)##	18000	25.8	0.0	4.4	7.9	161.1*	89.2*	97.2*
PIONEER 3184(SX)##	18700	24.1	0.8	2.4	3.5	157.6*	80.7	63.8
PIONEER 3297(SX)	18400	23.2	1.3	1.9	--	148.3*	91.4*	--
TRIAL AVERAGE								
L.S.D. AT .05	17849	23.9	1.5	7.7	14.6	143.1	78.1	79.3
	3200	2.2	4.4			17.7	15.9	20.5

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

-- DATA NOT AVAILABLE.

## WIDELY-GROWN HYBRID.

# WHITE HYBRID.

TABLE 10. PERFORMANCE OF CORN HYBRIDS EVALUATED NEAR O'FALLON ON THE RICHARD SCHIPPER FARM FROM 1983-85. PLANTED: 29 APRIL 1985. HARVESTED: 27 SEPTEMBER 1985. PLANTED POPULATION: 23000.

BRAND-HYBRID	PLANTS		LODGING			YIELD		
	(#/ACRE)	(%)	1985	1984	1983	1985	1984	
MATURITY GROUP 1								
FUNK'S G-4522(SPX)##	13700	21.5	0.8	1.5	4.5	117.5*	160.8	50.8*
MFA 6707(SX)	14800	21.1	0.4	1.4	1.8	113.3*	158.1	56.1*
FUNK'S G-4594(3X)	14200	21.7	1.8	---	---	111.2*	---	---
JACQUES 8100(SX)	15400	20.6	0.0	1.3	---	109.4*	165.8*	---
GOLDEN HARVEST H-2601(SX)	14400	19.7	0.0	---	---	105.1	---	---
MFA 6708(SPX)##	12900	20.6	0.0	0.6	9.5	104.3	162.2	54.1*
CARGILL 937(SX)	15500	19.8	2.6	3.4	---	103.6	154.7	---
NORTHROP KING PX9527(SX)	14900	19.7	0.0	---	---	103.6	---	---
FUNK'S G-4507(SX)	12100	19.8	0.7	0.7	25.0	102.2	166.8*	40.0
RING AROUND RA 1404(SX)	14100	17.7	0.0	---	---	102.2	---	---
AMERICANA 3300(SX)	14500	20.1	0.0	2.6	15.2	101.5	146.1	45.8
NORTHROP KING PX9540(SX)	13200	19.2	0.7	---	---	101.5	---	---
FUNK'S G-4514(SX)	14500	20.0	0.1	0.0	4.1	98.8	147.6	49.0
CARGILL 924(SX)	15900	19.1	1.3	---	54.0	96.3	---	29.0
PAG SX310(SX)	13400	18.6	0.0	---	---	95.9	---	---
FUNK'S G-4578(3X)	14400	20.9	0.8	0.7	4.1	94.1	155.5	48.5
RING AROUND RA 1505(SPX)	12700	21.0	6.0	0.5	---	93.8	173.7*	---
POCKLINGTON PM-321(SX)	10900	20.6	0.0	---	---	91.7	---	---
JACQUES 7900(SX)	12100	19.9	0.5	0.0	---	90.3	151.5	---
GOLDEN HARVEST H-2604(SX)	14700	18.4	0.3	---	4.4	79.0	---	48.1
FUNK'S EXP. 4029X(SX)	12500	19.5	10.0	0.0	---	77.4	141.1	---
MFA 5204(SX)	11000	18.2	1.4	0.6	---	70.7	162.2	---
CARGILL 921(SX)	16100	18.4	0.3	2.9	10.3	62.4	149.6	33.4
MATURITY GROUP 2								
SUPER CROST 7600(SX)	15400	23.0	0.7	1.4	8.9	130.9*	158.5	57.6*
AMERICANA 4640(SX)	14000	21.1	0.1	4.5	2.7	127.5*	160.3	60.9*
JACQUES 8400(SX)	15300	24.6	0.0	0.8	31.7	125.4*	160.0	65.3*
FUNK'S G-4614(SPX)	18100	22.3	3.2	2.9	---	124.1*	158.7	---
FUNK'S G-4673A(SPX)	12600	21.9	0.2	1.8	8.5	122.7*	170.3*	59.2*
STAUFFER 114+(SX)	14800	23.7	0.2	3.0	7.1	121.9*	163.5*	56.2*
AMERICANA 4730(SX)	13000	24.9	0.1	0.7	5.6	119.6*	150.1	50.4
BO-JAC 674(SX)	15300	19.1	0.0	---	---	116.8*	---	---
BO-JAC 905(SX)	14400	21.5	0.0	---	---	115.0*	---	---
GOLDEN HARVEST EX-241(SX)	12900	21.1	0.0	---	---	114.9*	---	---
AMERICANA 4040(SX)	13100	19.2	0.4	---	---	114.8*	---	---
NIEMEYER N-116(SX)	16200	21.2	0.0	0.0	---	114.1*	152.5	---
NC+ 6131(SX)	12900	19.7	5.9	---	---	113.9*	---	---
RING AROUND RA 1502(SX)	12300	20.5	0.7	2.2	2.0	113.6*	162.3	36.0
PRIZE 206(SX)	12800	19.8	0.0	2.0	---	113.0*	166.8*	---
GROAGRI GSC 2212(SX)	13500	20.6	0.5	0.6	---	112.6*	147.9	---
GROWMARK FS 6933(SX)	16000	17.6	0.2	---	---	112.4*	---	---
DEKALB DK727(SX)	12300	22.6	0.0	0.8	15.0	110.3*	140.5	59.4*
S-BRAND SS-63(SX)	14100	19.6	0.0	---	---	109.4*	---	---
SHISSLER GR8 194(SX)	11700	23.2	0.0	1.4	---	108.2	165.9*	---
NORTHROP KING PX9581(SX)	12900	21.9	0.1	5.9	7.1	108.0	161.6	49.2
BO-JAC 601(SX)	12400	18.7	0.0	2.6	9.0	107.8	156.7	47.5
AMERICANA 4780(SX)	13800	21.1	0.0	---	---	107.6	---	---
BO-JAC 603(SX)	14500	19.9	0.0	---	---	107.5	---	---
BURRUS BX26(SX)	14400	19.0	0.4	---	---	106.9	---	---
S-BRAND SS-70(SX)	11600	23.7	1.4	---	---	106.8	---	---
PAYCO-LOWE 617(SX)	15600	21.3	0.0	---	---	106.7	---	---
LYNKS LX 4355(SX)	15600	18.9	1.2	1.1	6.9	105.1	155.3	46.5
AGRIPRO HP 555(SX)	13300	20.0	0.0	---	---	105.1	---	---
PAYCO-LOWE 537(SX)	13900	22.5	4.5	---	---	104.4	---	---
S-BRAND SS-69(SX)	12600	19.3	0.0	---	---	104.3	---	---
CARGILL 973(SX)	15900	19.5	0.3	---	---	103.6	---	---
PAG SX352(SX)	14200	19.7	0.0	0.0	---	103.6	169.8*	---
DEKALB DK672(SX)	16700	22.0	0.0	---	---	103.5	---	---
CARGILL 955(SX)	14300	19.9	0.1	2.8	4.6	101.9	151.5	36.7
STAUFFER S7759(SX)	16000	19.2	0.2	---	---	101.5	---	---
LYNKS LX 4406(SX)	13900	20.9	1.2	---	---	101.1	---	---
NC+ 6190(SX)	13500	20.5	0.0	2.5	11.6	100.6	151.9	48.0
CARGILL 971(SX)	14200	20.6	0.0	---	---	99.9	---	---
GROAGRI GSC 2355(SX)	14600	23.3	0.4	1.6	---	98.2	150.7	---
TRIUMPH 1595(3X)	15200	19.0	0.2	---	---	96.6	---	---
POCKLINGTON P-6331A(SX)	14600	20.2	0.6	0.7	---	93.8	155.5	---
SUPER CROST 5438(SX)	12800	18.9	0.5	---	8.1	93.7	---	47.5
GROAGRI GSC 2216(SX)	12300	19.4	5.3	0.7	---	91.9	150.6	---
DEKALB DK656(SX)	14300	18.9	0.0	0.0	4.2	91.5	146.8	28.0
AGRIPRO AP 655(SX)	14000	20.7	0.3	---	---	91.1	---	---
GROWMARK FS 681(SX)	11900	19.4	0.1	---	---	89.3	---	---
FEDERAL FX40A(SX)	13300	20.2	0.5	0.0	---	88.7	140.9	---
CARGILL 967(SX)##	12700	20.9	1.2	2.1	9.1	88.6	149.7	35.9
GROAGRI GSC 2333(SX)	12300	20.6	8.8	0.6	---	88.6	169.6*	---
EK PREMIUM EK 8805(SX)	13900	19.1	0.0	2.1	---	87.5	156.2	---
LYNKS LX 4344(SX)	12700	20.6	0.1	---	---	87.2	---	---
POCKLINGTON PM-451(SX)	13100	18.3	0.0	---	---	87.1	---	---
NIEMEYER N-114A(SX)	14600	19.9	1.1	---	---	86.2	---	---
PAG SX354(SX)	12400	20.0	0.2	0.0	1.6	85.9	160.5	44.7
DEKALB XL72AA(SX)##	12900	21.3	0.5	0.0	19.1	84.2	147.4	37.3
TRIUMPH 1580(SX)	15500	18.9	0.7	0.0	---	83.6	157.0	---
DEKALB DK636(SX)	12800	19.3	12.2	0.7	---	79.2	160.7	---

TABLE 10. CONTINUED.

BRAND-HYBRID	PLANTS	MOIST	LODGING			YIELD		
	(#/ACRE)	(%)	(%)	(%)	(%)	(BU/ACRE)	(BU/ACRE)	(BU/ACRE)
	1985	1985	1985	1984	1983	1985	1984	1983
S-BRAND SS-63A(SX)	9300	18.0	0.4	--	--	76.9	--	--
POCKLINGTON PM-51(SX)	12800	17.8	3.5	0.0	--	76.8	150.9	--
SUPER CROST 5452(SX)	14800	19.1	18.5	--	--	76.1	--	--
US-13(DX)	13800	20.1	7.6	10.9	42.1	70.1	124.4	47.0
RAY CARROL EXP 3737(SX)	13200	19.1	5.9	--	--	59.8	--	--
NIEMEYER N-114(SX)	9400	19.5	2.2	1.5	7.2	42.6	150.6	29.4
MATURITY GROUP 3								
FUNK'S G-4733(SPX)	14100	22.6	0.1	1.8	9.2	137.5**	167.5*	38.8
AGRIPRO HP 771(SX)	15900	23.5	0.0	--	--	133.6**	--	--
BURRUS BX95(SX)	13600	22.6	0.2	--	--	131.9**	--	--
ZIMMERMAN Z-60W(SX)#	13500	29.0	0.5	--	--	128.8**	--	--
PIONEER 3378(SX)	14000	19.8	1.1	0.0	--	125.5**	156.4	--
PIONEER 3358(SX)##	16900	20.5	0.1	0.6	12.5	121.4**	173.1*	64.7*
ZIMMERMAN Z-14(SX)#	15500	25.8	0.0	--	--	118.1**	--	--
GROWMARK FS 850(SX)	15000	20.3	0.4	--	--	116.0**	--	--
CARGILL 980(SX)	13100	22.6	0.0	2.8	18.1	115.6**	154.5	43.5
PAYMASTER 8201(SX)##	14200	19.4	0.4	1.2	10.1	108.1	163.8*	40.8
GARST 8388(SX)	13300	17.5	0.0	0.0	--	105.9	147.7	--
GARST 8344(SX)	13600	19.3	0.0	0.0	--	105.7	158.3	--
PAYMASTER 7989(SX)	14100	20.4	2.8	--	--	101.7	--	--
GARST 8345(SX)	14500	18.6	0.0	0.6	--	96.5	162.6	--
PIONEER 3389(SX)	12400	20.8	9.7	--	51.4	96.3	--	70.4*
GARST 8333(SX)	11000	19.5	0.8	0.6	--	92.3	153.5	--
PIONEER 3377(SX)##	14300	19.3	4.6	0.0	12.0	90.3	153.3	61.9*
PAYMASTER 7990(SX)	13900	22.4	9.8	0.6	--	80.8	170.8*	--
NIEMEYER N-118(SX)	11000	18.7	0.1	1.6	8.4	74.2	159.0	32.6
MATURITY GROUP 4								
PIONEER 3183(SX)##	16500	22.6	5.3	2.4	4.5	134.0**	171.5*	61.1*
PIONEER 3184(SX)##	14200	24.9	1.1	0.7	32.9	106.6	158.7	63.9*
PIONEER 3297(SX)	14300	20.3	0.3	0.0	--	104.8	167.7*	--
TRIAL AVERAGE								
L.S.D. AT .05	3816	20.5	1.4	1.6	12.0	101.5	154.8	46.0
	4000	2.5	8.3			29.0	22.9	23.1

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

-- DATA NOT AVAILABLE.

## WIDELY-GROWN HYBRID.

# WHITE HYBRID.

TABLE 11. PERFORMANCE RECORD OF CORN HYBRIDS EVALUATED AT THREE CENTRAL MISSOURI LOCATIONS (MARSHALL, COLUMBIA, AND O'FALLON) DURING 1985. PLANTED POPULATION: 23000.

BRAND-HYBRID	LODGING (%)				YIELD (BU/ACRE)			
	MARSHAL	COLUMBIA	O'FALLON	MEAN	MARSHALL	COLUMBIA	O'FALLON	MEAN
MATURITY GROUP 1								
MFA 6707(SX)	0.5	0.0	0.4	0.3	160.6*	147.5	113.3*	140.4*
FUNK'S G-4522(SPX)##	0.5	0.0	0.8	0.4	145.9*	142.3	117.5*	135.2*
FUNK'S G-4594(SX)	2.4	0.6	1.8	1.6	139.0	149.0*	111.2*	134.8*
MFA 6708(SPX)##	2.2	3.3	1.8	1.8	148.5*	154.0*	104.3*	133.9
JACQUES 8100(SX)	1.8	3.3	0.0	1.0	135.7	154.2*	109.4*	133.9
CARGILL 924(SX)	2.6	0.6	1.3	1.5	150.1*	152.6*	96.2*	133.0
AMERICANA 3300(SX)	1.4	1.0	0.0	0.8	142.9*	148.6*	101.1	133.0
CARGILL 937(SX)	1.4	0.9	2.6	1.6	143.2*	145.1	103.6*	130.6
NORTHROP KING PX9527(SX)	4.0	0.0	0.0	1.3	153.5*	131.1	103.6*	129.4
RING AROUND RA 1505(SPX)	3.0	0.9	6.0	3.3	146.8*	144.2	93.8	128.2
GOLDEN HARVEST H-2601(SX)	0.7	1.3	0.0	0.6	141.4*	135.4	105.1	127.3
FUNK'S G-4514(SX)	0.4	0.5	0.1	0.3	131.1	144.0	98.8	126.6
FUNK'S G-4507(SX)	4.7	1.5	0.7	2.3	127.5	147.9	102.2	125.5
PAG SX310(SX)	1.2	1.7	0.0	0.9	149.0*	143.2*	95.9*	125.3
NORTHROP KING PX9540(SX)	2.1	0.1	0.7	0.9	131.2*	143.3*	101.5*	125.3
RING AROUND RA 1404(SX)	1.7	1.3	0.0	1.0	139.3	131.5*	102.2*	124.3
JACQUES 7900(SX)	0.8	1.7	0.5	1.0	135.5*	143.5*	90.3*	123.1
GOLDEN HARVEST H-2604(SX)	2.2	0.9	0.3	1.1	137.2*	150.3*	79.0	122.1
FUNK'S G-4578(SX)	0.0	0.3	0.8	0.3	139.7*	133.6*	94.1	120.4
CARGILL 921(SX)	1.1	1.7	0.3	1.0	140.7*	157.7*	82.4	120.2
FUNK'S EXP.4029X(SX)	0.2	0.1	10.0	3.4	141.4*	128.3	77.4	115.5
POCKLINGTON PM-321(SX)	0.0	1.0	0.0	0.3	123.4	127.8	91.7	114.3
MFA 5204(SX)	3.3	0.6	1.4	1.7	140.3*	120.5	70.7	110.5
MATURITY GROUP 2								
SUPER CROST 7600(SX)	1.7	1.1	0.7	1.1	145.1*	154.5*	130.9*	143.5*
STAUFFER 114+(SX)	1.1	0.7	0.2	0.6	143.2*	161.8*	121.9*	142.3*
S-BRAND SS-70(SX)	1.6	0.0	1.4	1.0	153.4*	165.7*	106.8*	141.9*
JACQUES 8400(SX)	1.1	0.7	0.0	0.6	148.0*	150.2*	125.4*	141.2*
FUNK'S G-4673A(SPX)	1.0	3.8	0.2	1.6	144.6*	155.7*	122.7*	141.0*
PAG SX352(SX)	0.7	1.5	0.0	0.7	155.2*	160.7*	103.6*	139.8*
GROAGRI GSC 2355(SX)	1.8	0.0	0.4	0.7	160.5*	155.4*	98.2	138.0*
AMERICANA 4730(SX)	0.0	0.0	0.1	0.0	138.5*	153.5*	119.6*	137.2*
AMERICANA 4780(SX)	2.2	2.1	0.0	0.7	149.7*	151.2*	107.6*	137.1*
GOLDEN HARVEST EX-241(SX)	2.5	0.1	0.0	0.8	149.0*	146.7*	114.9*	136.8*
AMERICANA 4640(SX)	3.5	0.8	0.1	1.4	142.8*	137.8	127.5*	136.0*
RING AROUND RA 1502(SX)	0.3	0.8	0.7	0.6	138.3	155.7*	113.6*	135.8*
FUNK'S G-4614(SPX)	2.3	2.0	3.2	2.5	127.7	152.5*	124.1*	134.7*
LYNKS LX 4355(SX)	0.0	4.2	1.2	1.8	151.7*	146.5*	105.1	134.4
GROWMARK FS 6933(SX)	0.7	0.5	0.2	0.4	147.3*	141.4	112.4*	133.7
DEKALB XL72AA(SX)##	0.0	4.4	0.5	1.7	157.7*	155.1*	84.2	131.3
S-BRAND SS-63(SX)	1.8	1.4	0.0	1.0	145.5*	140.6	109.4*	131.1
BO-JAC 905(SX)	0.6	0.0	0.0	0.2	141.9*	157.5*	115.0*	131.1
NC+ 6190(SX)	1.3	1.7	0.0	1.0	143.6*	146.4*	100.6	131.1
CARGILL 967(SX)##	1.8	1.7	1.2	1.5	166.7*	138.2	88.6	131.1
NIEMEYER N-116(SX)	1.2	1.2	0.0	0.8	135.9	143.3*	114.1*	131.1
DEKALB DK672(SX)	1.0	3.3	0.0	1.4	136.7	152.8*	103.5	131.0
SHISSLER GR8 194(SX)	1.6	1.0	0.0	0.8	146.9*	138.0*	108.2	131.0
DEKALB DK727(SX)	2.8	0.0	0.0	0.9	133.9*	148.5*	110.3*	130.9
AGRIPRO HP 555(SX)	1.7	4.7	0.0	2.1	151.6*	135.6*	105.1	130.7
NC+ 6131(SX)	2.1	1.3	5.9	3.1	140.2*	137.6*	113.9*	130.5
BO-JAC 603(SX)	1.5	0.0	0.0	0.5	132.2	149.4*	107.5	129.7
LYNKS LX 4406(SX)	0.8	0.6	1.2	0.8	148.0*	136.4*	101.1	128.5
DEKALB DK656(SX)	1.3	0.8	0.0	0.7	140.3*	153.8*	91.5	128.5
S-BRAND SS-69(SX)	0.9	0.1	0.0	0.3	146.6*	132.9	104.3	127.9
CARGILL 973(SX)	0.5	0.0	0.3	0.3	139.9*	140.4	103.6	127.7
CARGILL 971(SX)	0.4	2.0	0.0	0.8	149.5*	133.0*	99.9	127.4
BURRUS BX26(SX)	0.0	0.2	0.4	0.2	137.7	139.2*	106.9	126.6
PAYCO-LOWE 617(SX)	0.7	1.3	0.0	0.6	134.0	138.8	106.7	126.5
GROAGRI GSC 2212(SX)	0.7	2.1	0.5	1.1	124.0	142.7	112.6*	126.4
STAUFFER S7759(SX)	1.1	0.0	0.2	0.4	133.1	142.8	101.5	125.8
NORTHROP KING PX9581(SX)	0.3	1.6	0.1	0.6	132.9	136.0	108.0	125.6
PRIZE 206(SX)	1.1	0.7	0.0	0.6	122.0	141.5*	113.0*	125.5
POCKLINGTON P-6331A(SX)	0.0	1.1	0.6	0.9	145.9*	136.1	93.8	125.2
PAYCO-LOWE 537(SX)	0.6	0.7	4.5	1.1	133.5*	137.1	101.4	125.0
AMERICANA 4040(SX)	0.5	0.8	0.4	0.5	149.5*	111.0*	114.8*	124.9
SUPER CROST 5438(SX)	2.1	0.2	0.5	0.9	126.4	154.0*	93.7	124.7
FEDERAL FX40A(SX)	2.2	1.3	0.5	1.1	135.7	146.9	88.7	124.7
TRIUMPH 1580(SX)	5.5	2.2	0.7	2.3	142.4*	145.1	83.6	123.7
GROAGRI GSC 2216(SX)	0.5	1.3	5.3	2.8	136.1	140.8	91.9	122.9
CARGILL 955(SX)	0.9	0.0	0.1	0.3	122.1	142.2	101.9	122.0
SUPER CROST 5452(SX)	0.6	0.0	18.5	6.3	151.3*	138.2	76.1	121.8
TRIUMPH 1595(SX)	1.0	1.9	0.2	1.0	120.7	147.5*	96.6	121.6
EK PREMIUM EK 8805(SX)	1.1	0.1	0.0	0.4	134.2	142.7	87.5	121.4
BO-JAC 674(SX)	2.3	0.5	0.0	0.9	121.7	124.3	116.8*	120.9
PAG SX354(SX)	0.7	0.0	0.2	0.3	137.8	136.3	85.9	120.0
GROAGRI GSC 2333(SX)	2.0	0.6	8.8	3.8	124.5	145.7	88.6	119.6
BO-JAC 601(SX)	0.6	3.1	0.0	1.1	114.7*	136.1	107.8	119.5
S-BRAND SS-63A(SX)	0.4	9.6	0.4	3.4	129.2*	151.7*	76.0	119.2
POCKLINGTON PM-51(SX)	0.5	0.3	3.5	1.4	143.0*	129.9	76.8	116.5
AGRIPRO AP 655(SX)	0.5	1.0	0.3	0.6	127.4	129.4	81.1	115.9
NIEMEYER N-114A(SX)	2.7	3.4	1.1	2.4	129.2	131.8	86.2	115.7
POCKLINGTON PM-451(SX)	0.0	1.4	0.0	0.4	128.5	130.4	87.1	115.3
GROWMARK FS 681(SX)	1.3	0.0	0.1	0.4	119.0	128.0	89.3	112.1



TABLE 11. CONTINUED.

BRAND-HYBRID	LODGING (%)				YIELD (BU/ACRE)			
	MARSHAL	COLUMBA	O'FALLON	MEAN	MARSHALL	COLUMBIA	O'FALLON	MEAN
LYNKs LX 4344(SX)	0.5	4.4	0.1	1.6	123.5	120.3	87.2	110.3
DEKALB DK636(SX)	0.8	0.0	12.2	4.3	105.1	142.8	79.2	109.0
RAY CARROL EXP 3737(SX)	0.0	1.0	5.9	2.3	101.5	128.9	59.8	96.7
US-13(DX)	21.0	23.2	7.6	17.2	91.7	117.0	70.1	92.9
NIEMEYER N-114(SX)	0.3	0.4	2.2	0.9	105.2	113.0	42.6	86.9
MATURITY GROUP 3								
AGRIPRO HP 771(SX)	2.7	0.5	0.0	1.0	164.3*	151.2*	133.6*	149.7*
PAYMASTER 7989(SX)	3.3	0.6	2.8	2.2	168.7**	161.4*	101.7	143.9*
BURRUS BX95(SX)	1.1	0.7	0.2	0.6	150.4*	145.6	131.9*	142.6*
FUNK'S G-4733(SPX)	1.8	0.0	0.1	0.6	139.5	150.2*	137.5**	142.4*
PIONEER 3358(SX)##	1.6	0.0	0.1	0.5	146.5*	157.9*	121.4*	141.9*
CARGILL 980(SX)	0.7	0.1	0.0	0.2	162.3*	135.4	115.6*	137.7*
PIONEER 3378(SX)	0.3	0.6	1.1	0.6	147.4*	140.1	125.5*	137.6*
GROWMARK FS 850(SX)	1.2	1.5	0.4	1.0	149.4*	145.0	116.0*	136.8*
GARST 8388(SX)	0.0	1.8	0.0	0.6	149.4*	146.5	105.9	133.9
ZIMMERMAN Z-60W(SX)#	6.7	5.6	0.5	4.2	134.2	138.2	128.8*	133.7
ZIMMERMAN Z-14(SX)#	2.7	3.7	0.0	2.1	137.1	142.7	118.1*	132.6
PAYMASTER 8201(SX)##	1.0	2.2	0.4	1.2	142.1*	145.5	108.1	131.9
GARST 8345(SX)	1.1	0.6	0.0	0.5	151.8*	145.5	96.5	131.2
PIONEER 3389(SX)	1.2	0.0	9.7	3.6	141.7*	148.5*	96.3	128.8
GARST 8333(SX)	1.4	1.4	0.8	1.2	142.8*	149.8*	92.3	128.3
PIONEER 3377(SX)##	0.7	2.8	4.6	2.7	140.8*	151.8*	90.3	127.6
GARST 8344(SX)	0.7	4.1	0.0	1.6	128.5	147.0	105.7	127.0
PAYMASTER 7990(SX)	0.4	4.4	9.8	4.8	146.8*	146.9	80.8	124.8
NIEMEYER N-118(SX)	0.0	4.8	0.1	1.6	106.9	125.4	74.2	102.1
MATURITY GROUP 4								
PIONEER 3183(SX)##	1.9	0.0	5.3	2.4	156.6*	161.1*	134.0*	150.5**
PIONEER 3184(SX)##	0.4	0.8	1.1	0.7	158.9*	157.6*	106.6	141.0*
PIONEER 3297(SX)	0.9	1.3	0.3	0.8	162.0*	148.3*	104.8	138.3*
TRIAL AVERAGE								
L.S.D. AT .05	1.5	1.5	1.4	1.4	139.1	143.1	101.5	127.9
	3.3	4.4	8.3	3.3	28.8	17.7	29.0	16.0

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

## WIDELY-GROWN HYBRID.

# WHITE HYBRID.

TABLE 12. PERFORMANCE OF IRRIGATED CORN HYBRIDS EVALUATED NEAR COLUMBIA ON THE AGRONOMY RESEARCH CENTER FROM 1983-85. PLANTED: 23 APRIL 1985. HARVESTED: 11,12 SEPTEMBER 1985. PLANTED POPULATION: 29200.

BRAND-HYBRID	PLANTS	MOIST	LODGING			YIELD		
	(#/ACRE) 1985	(%) 1985	1985	1984	1983	1985	1984	1983
MATURITY GROUP 1								
FUNK'S G-4522(SPX)##	21700	27.9	0.0	1.5	8.6	204.7*	180.6	176.8*
FUNK'S G-4507(SX)	22900	25.4	1.1	2.0	14.2	201.4*	165.5	138.2
JACQUES 7900(SX)	22700	25.6	1.0	---	---	199.6*	---	---
COKER 8601(SX)	25200	26.4	0.0	---	---	198.7*	---	---
FUNK'S G-4594(3X)	24400	30.0	4.1	---	---	198.6*	---	---
NC+ 5990(SX)	22500	25.4	0.0	---	---	198.4*	---	---
CARGILL 921(SX)	23500	25.9	0.5	---	---	198.1*	---	---
CARGILL 937(SX)	23200	26.6	0.0	---	---	195.4	---	---
CARGILL 889(SX)	23400	23.0	0.0	---	---	194.8	---	---
MFA 6708(SPX)##	26800	27.1	0.0	1.9	19.6	194.0	176.9	161.8*
CARGILL 924(SX)	21400	27.0	0.0	---	---	193.8	---	---
MFA 5204(SX)	22100	24.9	0.0	---	---	193.7	---	---
ASGROW/O'S GOLD RX788(SX)	24000	25.8	3.1	---	---	190.7	---	---
ASGROW/O'S GOLD 2545(SX)	25500	25.8	0.4	2.7	---	188.6	147.6	---
COKER 8575(SX)	22000	25.7	0.9	---	---	186.9	---	---
FUNK'S G-4514(SX)	25400	26.6	0.5	---	11.2	186.7	---	156.2*
JACQUES 8100(SX)	22100	26.6	1.7	0.4	---	186.2	---	---
ASGROW/O'S GOLD 2570(SX)	23500	25.3	0.1	0.9	10.9	185.6	190.1*	133.0
FUNK'S EXP.4029X(SX)	23500	26.2	0.0	---	---	184.1	---	---
RING AROUND RA 1505(SPX)	21500	27.6	0.0	---	---	184.0	---	---
SHISSLER GR8 176(SX)	24200	26.4	6.1	---	---	180.3	---	---
GOLDEN HARVEST H-2601(SX)	24500	27.2	0.8	---	---	179.2	---	---
SHISSLER GR8 178(SX)	26600	26.4	7.2	---	---	179.2	---	---
FUNK'S G-4578(3X)	22200	29.3	0.0	---	9.9	176.8	---	170.2*
GOLDEN HARVEST H-2604(SX)	22100	26.8	0.4	---	---	173.2	---	---
PAG SX297(SX)	21100	23.2	8.9	---	---	171.2	---	---
RING AROUND RA 1404(SX)	22500	24.7	0.6	---	---	170.9	---	---
MCCURDY 7384(SX)	21000	27.4	0.1	---	---	170.1	---	---
MATURITY GROUP 2								
CARGILL 967(SX)##	24000	27.6	0.0	1.4	26.1	219.8*	193.5*	130.8
SUPER CROST 5438(SX)	22100	26.6	6.7	---	---	216.7*	---	---
FUNK'S G-4673A(SPX)	26600	28.5	0.8	0.9	13.7	215.1*	182.7	177.6*
ASGROW/O'S GOLD 5291(SX)	24300	29.8	0.5	---	---	214.5*	---	---
PAG SX351(SX)	24200	30.0	0.0	1.4	---	208.4*	189.4*	---
LYNKS LX 4406(SX)	23300	28.8	2.1	---	---	207.8*	---	---
DEKALB DK636(SX)	22600	25.6	5.4	---	---	205.9*	---	---
DEKALB DK672(SX)	24600	27.9	1.0	---	---	204.4*	---	---
CARGILL 973(SX)	22500	26.5	0.0	---	---	204.2*	---	---
DEKALB XL72AA(SX)##	23800	26.3	4.5	0.6	4.6	204.0*	149.9	153.7*
LYNKS LX 4488(SX)	23700	30.5	0.7	---	---	202.9*	---	---
BO-JAC 905(SX)	23200	30.3	0.4	---	---	202.5*	---	---
ASGROW/O'S GOLD RX892(SX)	23500	30.2	0.0	---	---	201.6*	---	---
S-BRAND SS-63(SX)	23400	25.4	4.9	---	---	201.2*	---	---
GROWMARK FS 6933(SX)	26800	26.5	0.4	---	---	200.9*	---	---
FUNK'S G-4614(SPX)	24800	29.7	0.5	---	---	199.5*	---	---
STAUFFER S7759(SX)	23800	26.7	0.5	---	---	199.2*	---	---
GOLDEN HARVEST EX-241(SX)	26700	29.5	0.4	---	---	197.9	---	---
SHISSLER GR8 196(SX)	25600	29.6	0.0	2.0	---	197.6	179.9	---
PAG SX352(SX)	24400	24.6	1.9	0.5	---	195.6	165.8	---
COKER 8680(SX)	23400	29.8	0.4	---	---	194.0	---	---
COKER 8625(SX)	24500	26.4	8.9	---	---	193.7	---	---
GROAGRI GSC 2212(SX)	24500	26.6	0.4	1.2	---	193.2	195.1*	---
AGRIPRO HP 555(SX)	24900	26.3	0.5	---	---	192.5	---	---
LYNKS LX 4344(SX)	24800	27.8	0.4	---	---	192.2	---	---
DEKALB DK727(SX)	23900	31.9	6.1	0.6	8.2	191.7	161.2	156.9*
RING AROUND RA 1502(SX)	25100	26.5	0.0	---	23.0	188.8	---	148.8*
MCCURDY 7676(SX)	26000	25.4	0.0	---	---	188.4	---	---
PAYCO-LOWE 537(SX)	23400	28.9	0.5	---	---	187.6	---	---
FONTANELLE 6257(SX)	23800	27.7	0.4	---	---	187.0	---	---
GROAGRI GSC 2333(SX)	24000	25.7	0.6	0.5	---	187.0	186.9*	---
MCCURDY 7711(SX)	22000	27.7	0.5	---	---	186.2	---	---
MCCURDY 7787(SX)	21600	30.8	0.1	---	---	185.6	---	---
EK PREMIUM EK 8805(SX)	25000	27.5	2.7	1.0	---	185.3	167.2	---
GROWMARK FS 681(SX)	23800	26.4	0.9	---	---	185.1	---	---
DEKALB DK656(SX)	23100	26.3	1.3	0.0	7.6	184.9	172.7	147.2
S-BRAND SS-69(SX)	23500	26.0	3.7	---	---	183.7	---	---
NC+ 6190(SX)	21400	27.2	0.0	1.4	13.4	183.7	177.1	166.0*
GROAGRI GSC 2216(SX)	25000	27.5	0.4	0.0	---	182.3	169.1	---
POCKLINGTON PM-451(SX)	25700	27.5	0.9	---	---	181.4	---	---
TRIUMPH 1580(SX)	25200	26.4	5.8	1.8	---	181.3	189.2*	---
GROAGRI GSC 2355(SX)	24500	32.1	6.3	1.0	---	180.8	163.7	---
AGRIPRO AP 655(SX)	22600	26.5	0.5	---	---	180.7	---	---
FONTANELLE 6230(SX)	24300	26.3	0.5	---	---	179.3	---	---
LYNKS LX 4355(SX)	22000	28.3	0.1	1.4	4.8	178.9	186.3*	164.9*
S-BRAND SS-70(SX)	23900	32.3	0.8	---	---	178.7	---	---
PAYCO-LOWE 617(SX)	23800	29.1	0.5	---	---	178.0	---	---
POCKLINGTON PM-71(SX)	24000	28.8	0.0	---	---	176.0	---	---
TRIUMPH 1595(3X)	23400	27.1	0.5	---	---	175.0	---	---
BO-JAC 601(SX)	25200	25.9	4.5	1.4	3.5	168.4	158.1	135.7
CARGILL 971(SX)	23700	29.8	0.8	---	---	165.6	---	---
BO-JAC 603(SX)	24800	26.6	0.0	---	---	162.9	---	---
S-BRAND SS-63A(SX)	23200	27.9	0.0	---	---	162.2	---	---
US-13(DX)	23100	27.7	8.2	13.6	34.4	137.8	122.1	94.9

TABLE 12. CONTINUED.

BRAND-HYBRID	PLANTS	MOIST	LODGING			YIELD		
	(#/ACRE)	(%)	(%)	(%)	(%)	(BU/ACRE)	(BU/ACRE)	(BU/ACRE)
	1985	1985	1985	1984	1983	1985	1984	1983
MATURITY GROUP 3								
PIONEER 3378(SX)	24900	25.9	0.5	0.0	--	225.4**	200.6*	--
CARGILL 980(SX)	26100	30.2	0.0	1.9	11.7	223.7*	170.2	163.8*
PAYMASTER 7990(SX)	23900	26.8	3.2	1.1	--	215.0*	170.6	--
PIONEER 3386(SX)	23400	28.4	0.4	--	8.9	205.2*	--	168.6*
PIONEER 3358(SX)##	24500	28.5	0.1	0.5	4.5	205.1*	184.5*	186.0**
PIONEER 3377(SX)##	25200	25.6	0.4	0.4	5.6	203.7*	195.5*	153.9*
FUNK'S G-4733(SPX)	21600	32.5	0.0	0.5	20.1	202.7*	166.4	121.6
AGRIPRO HP 771(SX)	23900	31.4	0.0	--	--	199.5*	--	--
GARST 8388(SX)	23200	26.1	1.0	--	--	192.2	--	--
GARST 8345(SX)	23500	28.4	0.9	2.0	--	188.5	183.1*	--
GARST 8344(SX)	21500	26.4	0.0	1.0	--	182.0	162.4	--
GARST 8333(SX)	25400	27.5	0.5	0.9	--	181.4	190.4*	--
PAYMASTER 8201(SX)##	22800	27.7	0.1	2.3	16.3	171.5	182.0	147.7*
ZIMMERMAN Z-60W(SX)#	20600	35.4	4.0	--	--	168.5	--	--
MATURITY GROUP 4								
PAYMASTER 8990(SX)	25200	30.8	0.0	--	14.6	220.1*	--	143.5
PIONEER 3184(SX)##	22300	30.2	0.5	0.0	2.1	215.5*	199.7*	152.8*
PIONEER 3183(SX)##	22000	30.7	0.4	0.5	8.7	210.9*	187.6*	145.6
PIONEER 3297(SX)	24800	26.8	7.3	1.6	--	193.3	192.5*	--
TRIAL AVERAGE								
L.S.D. AT .05	23733	27.6	1.4	1.3	11.8	191.5	172.8	144.5
	4100	2.6	1.8			27.4	22.7	38.5

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

-- DATA NOT AVAILABLE.

## WIDELY-GROWN HYBRID.

# WHITE HYBRID.

TABLE 13. PERFORMANCE RECORD OF CORN HYBRIDS EVALUATED AT TWO IRRIGATED CENTRAL LOCATIONS (COLUMBIA AND MEXICO) DURING 1985. PLANTED POPULATION: 29200.

BRAND-HYBRID	LODGING (%)			YIELD (BU/ACRE)		
	COLUMBIA	MEXICO	MEAN	COLUMBIA	MEXICO	MEAN
MATURITY GROUP 1						
COKER 8601(SX)	0.0	1.1	--	198.7*	208.6*	--
FUNK'S G-4522(SPX)##	0.0	0.8	--	204.7*	195.1	--
CARGILL 937(SX)	0.0	2.1	--	195.4	199.6*	--
FUNK'S G-4507(SX)	1.1	1.1	--	201.4*	191.9	--
FUNK'S G-4594(3X)	4.1	0.5	--	198.6*	194.4	--
CARGILL 921(SX)	0.5	2.5	--	198.1*	191.0	--
JACQUES 8100(SX)	1.7	2.4	--	186.2	202.0*	--
MFA 6708(SPX)##	0.0	1.2	--	194.0	193.3	--
NC+ 5990(SX)	0.0	1.4	--	198.4*	188.5	--
CARGILL 924(SX)	0.0	1.0	--	193.8	191.6	--
MFA 5204(SX)	0.0	0.7	--	193.7	190.5	--
ASGROW/O'S GOLD RX788(SX)	3.1	0.6	--	190.7	193.2	--
FUNK'S EXP. 4029X(SX)	0.0	0.5	--	184.1	199.1*	--
JACQUES 7900(SX)	1.0	2.0	--	190.1	180.1	--
COKER 8575(SX)	0.9	0.8	--	185.6*	190.4	--
FUNK'S G-4514(SX)	0.5	1.1	--	186.7	186.9	--
MCCURDY 7384(SX)	0.1	0.3	--	170.1	203.7*	--
ASGROW/O'S GOLD 2570(SX)	0.1	2.1	--	185.6	186.6	--
CARGILL 889(SX)	0.0	1.3	--	194.8	175.6	--
FUNK'S G-4578(3X)	0.0	1.3	--	176.8	192.4	--
GOLDEN HARVEST H-2604(SX)	0.4	1.9	--	173.2	194.2	--
RING AROUND RA 1505(SPX)	0.0	3.0	--	184.0	180.2	--
ASGROW/O'S GOLD 2545(SX)	0.4	1.3	--	188.6	174.9	--
SHISSLER GR8 176(SX)	6.1	0.7	--	180.3	180.2	--
SHISSLER GR8 178(SX)	7.2	0.8	--	179.2	180.0	--
GOLDEN HARVEST H-2601(SX)	0.8	1.1	--	179.5	178.8	--
RING AROUND RA 1404(SX)	0.6	1.0	--	170.9	178.1	--
PAG SX297(SX)	8.9	0.1	--	171.2	170.2	--
MATURITY GROUP 2						
ASGROW/O'S GOLD 5291(SX)	0.5	1.2	--	214.5*	213.0*	--
PAG SX351(SX)	0.0	1.4	--	208.4*	213.1*	--
SUPER CROST 5438(SX)	6.7	1.0	--	216.7*	197.5*	--
LYNKS LX 4406(SX)	2.1	0.9	--	207.8*	206.0*	--
CARGILL 967(SX)##	0.0	0.6	--	219.8*	192.8	--
FUNK'S G-4673A(SPX)	0.8	2.1	--	215.1*	191.8	--
CARGILL 973(SX)	0.0	0.8	--	204.2*	198.0*	--
AGRIPRO HP 555(SX)	0.5	1.3	--	192.5	208.9*	--
DEKALB DK727(SX)	6.1	0.6	--	191.7	209.5*	--
GROWMARK FS 6933(SX)	0.4	1.1	--	200.9	199.9*	--
LYNKS LX 4488(SX)	0.7	0.0	--	202.9	197.8*	--
ASGROW/O'S GOLD RX892(SX)	0.0	1.9	--	201.6*	197.8*	--
DEKALB DK636(SX)	5.4	0.8	--	205.9*	193.5*	--
MCCURDY 7711(SX)	0.5	1.8	--	186.2	211.3*	--
DEKALB DK672(SX)	1.0	0.4	--	204.4*	193.0	--
S-BRAND SS-70(SX)	0.8	0.7	--	178.7	217.5*	--
EK PREMIUM EK 8805(SX)	2.7	1.6	--	185.3	210.0*	--
PAYCO-LOWE 537(SX)	4.5	1.6	--	187.6	206.9*	--
DEKALB XL72AA(SX)##	4.9	1.9	--	204.0*	189.8*	--
S-BRAND SS-63(SX)	4.9	1.9	--	201.2*	192.3*	--
BO-JAC 905(SX)	0.4	0.3	--	202.5*	190.7	--
FONTANELLE 6257(SX)	0.4	0.4	--	187.0	204.6*	--
COKER 8680(SX)	0.4	0.0	--	194.0	197.0*	--
MCCURDY 7787(SX)	0.1	1.5	--	185.6	203.7*	--
LYNKS LX 4344(SX)	0.4	0.5	--	192.2	193.7	--
COKER 8625(SX)	8.9	2.3	--	193.7	190.9	--
TRIUMPH 1595(3X)	0.5	1.2	--	175.0	208.8*	--
STAUFFER S7759(SX)	0.5	2.4	--	199.9*	184.4	--
GOLDEN HARVEST EX-241(SX)	0.4	2.4	--	197.9*	184.8*	--
SHISSLER GR8 196(SX)	0.0	1.1	--	197.6	184.8	--
FUNK'S G-4614(SPX)	0.5	1.8	--	196.5*	182.4	--
RING AROUND RA 1502(SX)	0.0	2.8	--	188.8	190.4	--
AGRIPRO AP 655(SX)	0.5	0.9	--	180.7	197.5*	--
PAYCO-LOWE 617(SX)	0.5	1.8	--	178.0	199.5*	--
PAG SX352(SX)	1.9	3.4	--	195.6	181.5*	--
LYNKS LX 4355(SX)	0.1	0.1	--	178.9	195.3*	--
GROWMARK FS 681(SX)	0.9	2.6	--	185.1	189.1	--
GROAGRI GSC 2212(SX)	0.4	0.5	--	193.2	180.7	--
DEKALB DK656(SX)	1.3	1.5	--	184.9	188.3	--
S-BRAND SS-69(SX)	3.7	0.8	--	183.7	187.0	--
GROAGRI GSC 2216(SX)	0.4	1.9	--	182.3	188.3	--
NC+ 6190(SX)	0.0	10.0	--	183.7	184.6	--
MCCURDY 7676(SX)	0.0	5.5	--	188.4	175.8	--
POCKLINGTON PM-451(SX)	0.9	0.9	--	181.4	180.4	--
TRIUMPH 1580(SX)	5.8	1.9	--	181.3	180.4	--
GROAGRI GSC 2355(SX)	6.3	1.8	--	180.8	177.2	--
FONTANELLE 6230(SX)	0.5	0.5	--	179.3	178.2	--
CARGILL 971(SX)	0.8	3.1	--	165.6	188.8	--
GROAGRI GSC 2333(SX)	0.6	1.2	--	187.0	166.9	--
BO-JAC 603(SX)	4.0	0.7	--	162.9	187.3	--
BO-JAC 601(SX)	4.5	0.4	--	168.4	178.9	--
POCKLINGTON PM-71(SX)	0.0	0.8	--	176.0	162.5	--
S-BRAND SS-63A(SX)	0.0	0.3	--	162.2	175.5	--
US-13(DX)	8.2	18.3	--	137.8	134.8	--

TABLE 13. CONTINUED.

BRAND-HYBRID	LODGING (%)			YIELD (BU/ACRE)				
	COLUMBIA	MEXICO	MEAN	COLUMBIA	MEXICO	MEAN		
MATURITY GROUP 3								
PIONEER 3378(SX)	0.5	1.8	--	1.1	225.4**	199.9*	--	212.6*
CARGILL 980(SX)	0.0	1.8	--	0.9	223.7*	198.6*	--	211.1*
PIONEER 3389(SX)	0.4	0.5	--	0.4	205.2*	204.7*	--	204.9*
PAYMASTER 7990(SX)	3.2	0.2	--	1.7	215.0*	189.4	--	202.2*
PIONEER 3377(SX)#	0.4	1.2	--	0.8	203.7*	194.7	--	199.2*
FUNK'S G-4733(SPX)	0.0	2.4	--	1.2	202.7*	185.7	--	194.2
GARST 8333(SX)	0.5	1.6	--	1.0	181.4	206.7*	--	194.0
AGRIPRO HP 771(SX)	0.0	1.4	--	0.7	199.5*	187.7	--	193.6
PIONEER 3358(SX)##	0.1	0.0	--	0.0	205.1*	180.9	--	193.0
GARST 8345(SX)	0.9	1.1	--	1.0	188.5	192.6	--	190.5
GARST 8344(SX)	0.0	1.4	--	0.7	182.0	194.3	--	188.1
GARST 8388(SX)	1.0	0.9	--	0.9	192.2	183.9	--	188.0
PAYMASTER 8201(SX)##	0.1	0.6	--	0.3	171.5	203.3*	--	187.4
ZIMMERMAN Z-60W(SX)#	4.0	2.0	--	3.0	168.5	162.6	--	165.5
MATURITY GROUP 4								
PAYMASTER 8990(SX)	0.0	2.9	--	1.4	220.1*	197.0*	--	208.5*
PIONEER 3184(SX)##	0.5	1.1	--	0.8	215.5*	197.8*	--	206.6*
PIONEER 3183(SX)##	0.4	0.6	--	0.5	210.9*	189.5	--	200.2*
PIONEER 3297(SX)	7.3	0.2	--	3.7	193.3	189.2	--	191.2
TRIAL AVERAGE								
L.S.D. AT .05	1.4	1.5	--	1.5	191.5	190.9	--	191.2
	1.8	3.8	--	2.1	27.4	22.0	--	18.2

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

-- DATA NOT AVAILABLE.

## WIDELY-GROWN HYBRID.

# WHITE HYBRID.

TABLE 14. PERFORMANCE RECORD OF CORN HYBRIDS EVALUATED AT TWO IRRIGATED SOUTHERN LOCATIONS  
(LAMAR AND SIKESTON) DURING 1985.  
PLANTED POPULATION: 29200.

BRAND-HYBRID	LODGING (%)			MEAN	YIELD (BU/ACRE)			
	LAMAR	SIKESTON			LAMAR	SIKESTON	MEAN	
MATURITY GROUP 1								
MFA 6708(SPX)##	8.8	18.7	--	13.7	191.5*	172.4	--	181.9*
GOLDEN HARVEST H-2604(SX)	1.8	5.5	--	3.6	173.6	190.1*	--	181.8*
ASGROW/O'S GOLD 2570(SX)	4.5	10.9	--	7.7	177.1	181.4*	--	179.2*
FUNK'S G-4522(SPX)##	2.7	4.3	--	3.5	184.6	173.5*	--	179.0*
COKER 8575(SX)	0.8	3.2	--	2.0	179.4	178.3*	--	178.8*
TAYLOR-EVANS T-E 6991(SX)	6.3	17.2	--	11.7	179.3	174.8*	--	177.0*
RING AROUND RA 1505(SPX)	20.4	14.4	--	17.4	182.1	171.0	--	176.5
NORTHRUP KING PX9540(SX)	3.1	22.5	--	12.8	166.1	180.1*	--	173.1
NORTHRUP KING PX9527(SX)	1.9	13.7	--	7.8	174.2	161.1	--	167.6
RING AROUND RA 1404(SX)	1.6	4.3	--	2.9	179.3	154.6	--	166.9
JACQUES 8100(SX)	2.8	9.6	--	6.2	187.4*	145.3	--	166.3
MATURITY GROUP 2								
EK PREMIUM EK 9920(SX)	7.0	39.2	--	23.1	198.6*	202.4*	--	200.5**
LYNKS LX 4488(SX)	5.7	13.0	--	9.3	209.8**	187.8*	--	198.8*
GROAGRI GSC 2355(SX)	18.7	16.8	--	17.7	204.5**	183.3*	--	193.9*
CARGILL 967(SX)##	18.3	14.6	--	16.4	195.0**	189.5*	--	192.2*
CARGILL 971(SX)	8.0	15.2	--	11.6	198.5**	183.4*	--	190.9*
TAYLOR-EVANS T-E 6996(SX)	10.7	20.1	--	15.4	187.1*	191.1*	--	189.1*
COKER 19A(SPX)	6.9	14.1	--	10.5	184.1	193.5*	--	188.8*
FUNK'S G-4673A(SPX)	10.1	23.3	--	16.7	187.8*	189.1*	--	188.4*
AGRATECH EXP. 5923(SX)	2.7	12.0	--	7.3	196.5**	180.1*	--	188.3*
PAG SX351(SX)	14.1	21.9	--	18.0	182.7	194.0*	--	188.3*
GROWMARK FS 6933(SX)	1.7	2.3	--	2.0	186.1*	190.0*	--	188.0*
LEADER SX690(SX)	1.7	7.9	--	4.8	182.0*	193.5*	--	187.7*
DEKALB DK727(SX)	1.7	8.3	--	5.0	191.6*	183.3*	--	187.4*
JACQUES 8300(SX)	1.9	8.6	--	5.2	181.1	191.7*	--	186.4*
RING AROUND RA 1502(SX)	1.7	2.8	--	2.2	190.6*	181.9*	--	186.2*
CARGILL 973(SX)	1.2	1.8	--	1.5	191.0*	179.1*	--	185.0*
GROAGRI GSC 2216(SX)	4.6	19.7	--	12.1	179.7	186.7*	--	183.2*
STAUFFER S7759(SX)	5.7	12.4	--	8.1	180.0	186.3*	--	183.1*
DEKALB DK636(SX)	5.7	7.2	--	6.4	187.6*	177.1*	--	182.3*
DEKALB DK656(SX)	1.5	4.0	--	2.7	163.3	197.9*	--	180.6*
MCCURDY 8020(SX)	1.8	8.6	--	5.2	189.1*	171.9	--	180.5*
PAG SX352(SX)	2.6	6.3	--	4.4	176.4	184.0*	--	180.2*
ASGROW/O'S GOLD RX892(SX)	3.1	7.2	--	5.1	184.9	175.4*	--	180.1*
TRIUMPH 1580(SX)	6.8	9.3	--	8.0	180.1	178.7*	--	179.4*
SEEDTEC 915(SX)	7.1	13.4	--	10.2	190.7*	167.7	--	179.2*
GROAGRI GSC 2212(SX)	4.0	12.9	--	8.4	176.8	181.7*	--	179.2*
GROWMARK FS 681(SX)	3.4	13.2	--	8.3	174.7	181.0*	--	177.8*
DEKALB DK672(SX)	2.9	9.2	--	6.0	188.9*	164.8	--	176.8
AGRATECH GK 750(SX)	2.5	3.3	--	2.9	183.9	169.6	--	176.7
STAUFFER S7795(SX)	2.1	4.4	--	3.2	177.7	174.3*	--	176.0
COKER 8680(SX)	4.8	38.3	--	21.5	194.6*	154.6	--	174.6
COKER 8625(SX)	3.0	13.0	--	8.0	170.8	177.8*	--	174.3
AGRATECH GK 850(SX)	1.9	17.6	--	9.7	178.4	168.1*	--	173.2*
DEKALB XL72AA(SX)##	3.9	11.3	--	7.6	170.4	175.0*	--	172.7*
TRIUMPH 1595(SX)	3.6	4.8	--	4.2	196.9*	146.7	--	171.8
AGRIPRO AP 655(SX)	0.9	5.8	--	3.3	179.0	160.0	--	169.5
TERRA TR 3303(SX)	3.0	13.3	--	8.1	165.7	170.8	--	168.2
TAYLOR-EVANS T-E 6994(SX)	6.6	1.2	--	3.9	180.4	151.8	--	166.1
GROAGRI GSC 2333(SX)	3.1	11.1	--	7.1	177.7	147.6	--	162.6
EK PREMIUM EK 8805(SX)	2.6	4.7	--	3.6	171.4	149.8	--	160.6
FUNK'S G-4614(SPX)	5.7	4.1	--	4.9	183.0	134.7	--	158.8
TERRA TR 8515(SX)	1.4	6.1	--	3.7	179.7	131.8	--	155.7
US-13(DX)	57.4	43.7	--	50.5	126.1	118.2	--	122.1
MATURITY GROUP 3								
LEADER SX717(SX)	6.4	14.1	--	10.2	183.6	211.2**	--	197.4*
TAYLOR-EVANS T-E 6998(SX)	4.9	29.1	--	17.0	202.1*	182.8*	--	192.4*
PIONEER 3378(SX)	2.2	5.1	--	3.6	192.3*	182.8*	--	187.5*
PAYMASTER 8201(SX)##	2.9	11.2	--	7.0	204.8*	167.3	--	186.0*
GARST 8333(SX)	2.0	5.4	--	3.7	182.0	188.5*	--	185.2*
PAG SX383(SX)	10.0	7.9	--	8.9	180.8	189.5*	--	185.1*
PAYMASTER 7990(SX)	4.9	8.3	--	6.6	196.8*	172.9*	--	184.8*
AGRATECH GK 925(SX)	5.0	30.1	--	17.5	201.1*	167.6	--	184.3*
FUNK'S G-4733(SPX)	5.8	7.2	--	6.5	187.4*	180.7*	--	181.0*
AGRATECH GK 900(SX)	6.6	8.7	--	7.6	190.6**	171.0	--	180.8*
COKER 21(SX)	6.6	4.0	--	5.3	197.8**	163.5	--	180.6*
PRAIRIE STREAM SX730(SX)	2.7	5.1	--	3.9	189.4*	171.3	--	180.3*
CARGILL 980(SX)	2.3	34.2	--	18.2	171.1	185.6*	--	178.3*
PIONEER 3377(SX)##	17.1	16.0	--	16.5	185.5	170.3	--	177.9
PIONEER 3389(SX)	3.0	11.4	--	7.2	182.8	171.7	--	177.2
AGRIPRO HP 771(SX)	2.4	6.2	--	4.3	193.5*	158.8	--	176.1
LEADER SX722(SX)	5.3	12.5	--	8.9	181.9*	166.9	--	171.1
GARST 8345(SX)	3.8	7.3	--	5.5	185.8	162.1	--	173.9
MCCURDY 8150(SX)	6.0	17.0	--	11.5	179.7	164.5	--	172.1
GARST 8344(SX)	2.3	0.5	--	1.4	178.6	159.6	--	169.1
PRAIRIE STREAM SX730-2(SX)	3.9	8.1	--	6.0	182.9	153.8	--	168.3
PIONEER 3358(SX)##	0.4	2.4	--	1.4	180.0	150.8	--	165.4



TABLE 14. CONTINUED.

BRAND-HYBRID	LODGING (%)			YIELD (BU/ACRE)				
	LAMAR	SIKESTON	MEAN	LAMAR	SIKESTON	MEAN		
MATURITY GROUP 4								
PIONEER 3183(SX)##	13.8	9.8	--	11.8	188.1*	208.8*	--	198.4*
PIONEER 3184(SX)##	12.9	17.0	--	14.9	205.0*	184.3*	--	194.6*
PIONEER 3165(SX)	2.6	8.2	--	5.4	181.2	191.5*	--	186.3*
PIONEER 3297(SX)	0.8	2.2	--	1.5	181.2	167.9	--	174.5
PAYMASTER 8990(SX)	4.5	5.5	--	5.0	187.3*	124.1	--	155.7
TRIAL AVERAGE	5.6	11.8	--	8.7	184.2	173.5	--	178.9
L.S.D. AT .05	8.7	15.9	--	9.0	23.9	38.3	--	22.4

\*\* HIGHEST YIELDING HYBRID IN THE TEST.

\* HYBRID WHICH DID NOT YIELD SIGNIFICANTLY LESS THAN THE HIGHEST YIELDING HYBRID IN THE TEST.

-- DATA NOT AVAILABLE.

## WIDELY-GROWN HYBRID.

# WHITE HYBRID.

TABLE 15. SOURCE OF COMMERCIAL SEED CORN FOR HYBRIDS ENTERED IN THE 1985 MISSOURI YIELD TRIALS.

BRAND	FIRM	ADDRESS
AGRIPRO	AGRIPRO, DIV. of N.A.P.B.	BOX 2995, MISSION, KS 66201
AMERICANA	AMERICANA SEEDS, INC.	BOX 275, BOWEN, IL 62316
ASGROW/O' GOLD	ASGROW SEED COMPANY	7000 PORTAGE RD, KALAMAZOO, MI 49001
BO-JAC	BO-JAC HYBRID CORN COMPANY	RT. 2, MT. PULASKI, IL 62548
BURRUS	BURRUS BROS. & ASSOC. GROWERS	RT. 1, BOX 22, ARENZVILLE, IL 62611
CARGILL	CARGILL SEEDS	BOX 5645, MINNEAPOLIS, MN 55440
CFS	CUSTOM FARM SEED	BOX 160, MOMENCE, IL 60954
COKER	COKER'S PEDIGREED SEED COMPANY	BOX 340, HARTSVILLE, SC 29550
CROW'S	CROW'S HYBRID CORN COMPANY	BOX 306, MILFORD, IL 60953
DEKALB-PFIZER	DEKALB-PFIZER GENETICS	3100 SYCAMORE ROAD, DEKALB, IL 60115
DOCKENDORFF	DOCKENDORFF HYBRIDS, INC.	RT. 2, BOX 125, DANVILLE, IA 52623
EK PREMIUM	EK PREMIUM SEED COMPANY	RT. 1, BERWICK, IL 61417
FEDERAL	FEDERAL HYBRIDS	5420 35TH AVE., MARION, IA 52302
FONTANELLE	FONTANELLE HYBRIDS	RT. 1, NICKERSON, NE 68044
FS	GROWMARK, INC.	1701 TOWANDA AVE., BLOOMINGTON, IL 61701
FUNK'S	FUNK SEEDS INTERNATIONAL	BOX 2911, BLOOMINGTON, IL 61701
GARST	GARST SEED COMPANY	BOX 300, COON RAPIDS, IA 50058
GOLDEN HARVEST	COLUMBIANA SEED COMPANY	ELDRED, IL 62027
GOLD KIST	AGRATECH SEEDS, INC.	BOX 644, ASHBURN, GA 31714
GSC	GROAGRI SEED COMPANY	BOX 1656, 6201 S.E. LOOP 289, LUBBOCK, TX 79408
HOEGEMEYER	HOEGEMEYER HYBRIDS	RT 2, HOOPER, NE 68031
IOWA-MISSOURI	IOWA-MO. HYBRID CORN CO., INC.	BOX 481, KEOSAUQUA, IA 52565
JACQUES	JACQUES SEED COMPANY	720 SAINT CROIX STREET, PRESCOTT, WI 54021
LEADER	LEADER SEEDS, INC.	7160 S.R.118, CELINA, OH 45822
LEWIS	LEWIS HYBRIDS, INC.	BOX 38, WEST MAPLE STREET, URSA, IL 62376
LYNKS	LYNKS SEEDS	BOX 637, MARSHALLTOWN, IA 50158
McALLISTER	McALLISTER SEED COMPANY, INC.	BOX 28, MT. PLEASANT, IA 52641
McCURDY	McCURDY SEED COMPANY	BOX 66, EAST MAIN STREET, FREMONT, IA 52561
MFA	MFA	12200 FORD RD., SUITE 410, DALLAS, TX 75234
MOEWS	MOEWS SEED COMPANY	BOX 214, GRANVILLE, IL 61326
NC+	NC+ HYBRIDS	3820 N. 56TH, BOX 4408, LINCOLN, NE 68504
NIEMEYER	NIEMEYER HYBRIDS	BOX 387, BOWLING GREEN, MO 63334
NK	NORTHRUP KING COMPANY	7 SUNSET DRIVE, GREENCASTLE, IN 46135
PAG	PAG SEEDS	BOX 9480, MINNEAPOLIS, MN 55440
PAYCO	PAYCO SEEDS	BOX 70, DASSEL, MN 55325
PAYMASTER	PAYMASTER SEEDS	BOX 9393, MINNEAPOLIS, MN 55440
PIONEER	PIONEER HI-BRED INT., C. DIV.	7000 PIONEER PARKWAY, BOX 85, JOHNSTON, IA 50131
PIONEER	PIONEER HI-BRED INT., E. DIV.	1000 WEST JEFFERSON ST., TIPTON, IN 46072
POCKLINGTON	POCKLINGTON SEED COMPANY	RT. 2, GIRARD, IL 62626
PRAIRIE STREAM	PRAIRIE STREAM HYBRIDS	RT. 3, BOX 333, FRANKFORT, IN 46041
PRIZE	HARTZLERS SEED COMPANY	RT. 1, BOX 458, HARRISONVILLE, MO 64701
RANDELL	RANDELL SEED COMPANY	714 1ST AVE. E., OSKALOOSA, IA 52577
RC	RAY-CARROLL CO. GRAIN GROWERS	SANTA FE, BOX 267, NORBORNE, MO 64668
RING AROUND	RING AROUND PRODUCTS, INC.	12200 FORD RD., SUITE 410, DALLAS, TX 75234
RS	LYNNVILLE SEED COMPANY	LYNNVILLE, IA 50153
S-BRAND	SCHECHINGER SEED COMPANY	RT. 1, HARLAN, IA 51537
SEEDTEC	SEEDTEC INTERNATIONAL	BOX 2212, HEREFORD, TX 79045
SHISSLER GR8	SHISSLER SEED COMPANY	RT. 3, ELMWOOD, IL 61529
STAUFFER	STAUFFER SEEDS, INC.	975 S. DURKIN DRIVE, SPRINGFIELD, IL 62704
STURDY GROW	STURDY GROW HYBRIDS, INC.	BOX 94, ARCOLA, IL 61910
SUCROSCO	SUPER CROSS HYBRIDS, INC.	MAIN ST., MANILLA, IA 51454
SUPERCROST	EDWARD J. FUNK & SONS, INC.	BOX 67, KENTLAND, IN 47951
T-E	TAYLOR-EVANS SEED COMPANY	BOX 68, TULIA, TX 79088
TERRA	TERRA SEED COMPANY	BOX 10121, LUBBOCK, TX, 79408
TRIUMPH	TRIUMPH SEED COMPANY	BOX 1050, RALLS, TX 79357
WILSON	WILSON HYBRIDS, INC.	BOX 391, HARLAN, IA 51537
ZIMMERMAN	ZIMMERMAN HYBRIDS, INC.	5147 W. FRANKLIN RD., EVANSVILLE IN 47712