

1988

EC88-105 Nebraska Corn Hybrid Tests 1988

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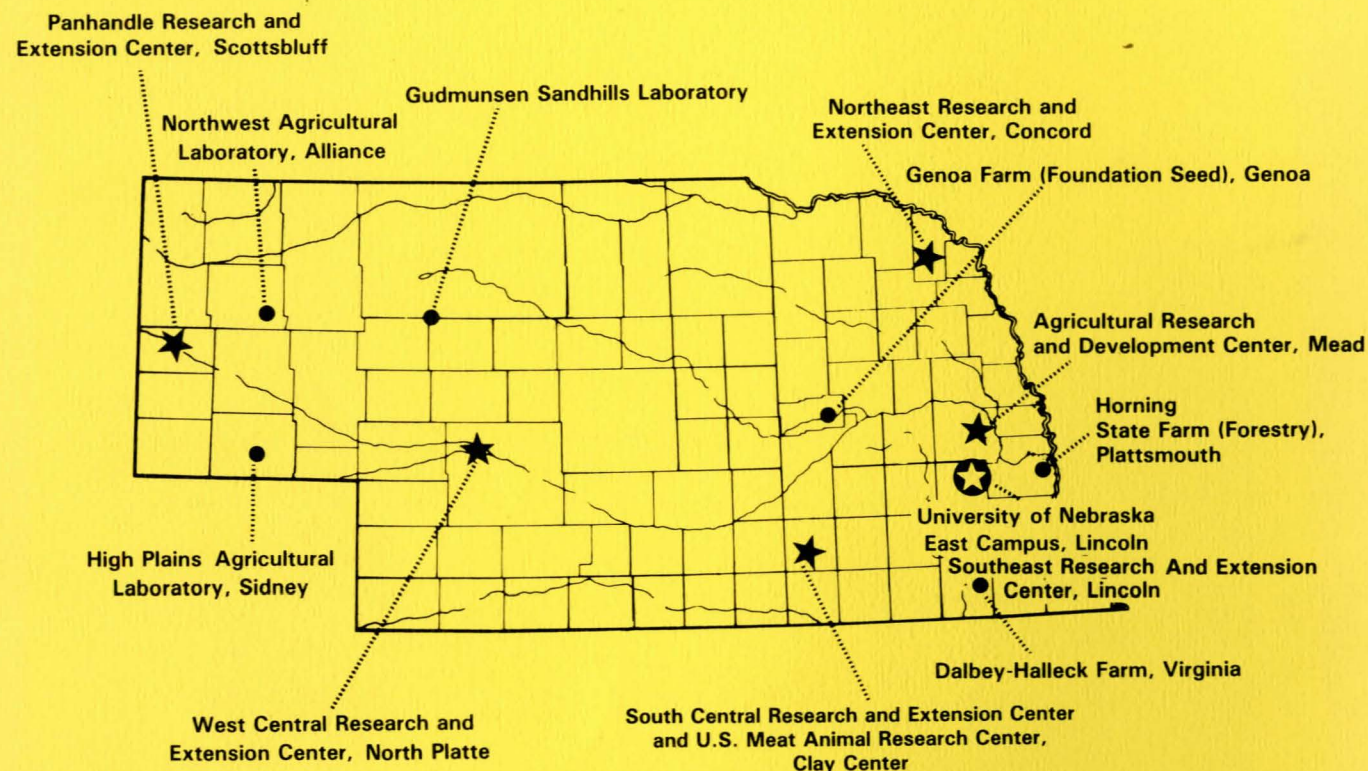
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NEBRASKA CORN HYBRID TESTS

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EXTENSION CIRCULAR 88-105

NEBRASKA CORN HYBRID TESTS

DECEMBER 1988

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ACKNOWLEDGMENT

This circular is a progress report of corn hybrid performance tests conducted by the Agronomy Department and the Northeast, South Central, West Central and Panhandle Research and Extension Centers. Conduct of experiments and publication of results is a joint effort of the Agricultural Research Division and the Cooperative Extension Service. Tests were supported in part by fees paid by hybrid seed corn producers.

Acknowledgment is made to Extension Agents and others who assisted in these trials. Plant pathologists assisted in making stalk rot readings. Special credit is due to farmers who furnished test sites. Yield and other statistical calculations were performed by the Biometrics and Information Systems Center.

Professor Dreier has retired as of July 1988. We are grateful for his leadership over the past 40 years and recognize his contributions made in organizing this year's tests.

We want to recognize the efforts of Dr. Ben Doupnik in obtaining the stalk rot data on the Clay County corn test. This has been valuable data for us.

We also want to acknowledge the efforts made by our research technicians and technologists. Glen Frickel, Bob Hendrickson, George Hoffmeister, Jr., Scott A. Ferguson, John Eis, Pat Tenopir, Ray Brentlinger and Bobby Skates are to be commended for their efforts.

METRIC EQUIVALENTS

1 centimeter = 0.394 inches	cm = inches x 2.54
1 hectare = 2.471 acres	ha = acres x 0.405
1 kilogram = 2.205 pounds	kg = pounds x 0.454
1 hectoliter = 2.838 bushels	hl = bushels x 0.352

Kilogram/hectoliter = lb/bu x 1.287
Kilograms/hectare = bu/A x 62.78 (56# bu)

EXTENSION CIRCULAR 88-105

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NEBRASKA CORN HYBRID TESTS

1988

The 1988 season was an average year for corn production and yields were good on irrigated land but poor on nonirrigated land in Nebraska. Recent average yields were as follows (Bu/A):

	1981	1982	1983	1984	1985	1986	1987	1988
State	115.0	110.0	97.0	115.0	126.0	133.0	130.0	120.0
Irrigated	129.0	122.0	116.0	133.0	140.0	144.0	147.0	142.0
Nonirrigated	79.1	83.1	58.4	77.4	97.7	100.4	91.5	71.2

Total acreage for harvest was 6,600,000 of which 4,550,000 was irrigated. Nonirrigated acreage was 2,050,000.

Corn planting proceeded ahead of normal all season. On May 18, 85% of the Nebraska crop had been planted. Average for this date is 60%. Early growth was excellent.

Hot weather in June and July speeded crop progress. The nonirrigated corn was beginning to suffer by the first part of July because of the heat and lack of rain, but the irrigated corn was far ahead of normal.

Corn matured ahead of normal. Harvest generally was ahead of normal in seasonal progress. Much of the corn had reached low moisture and was picked two weeks ahead of normal.

Fourteen corn performance tests were planted in 1988. Test locations are shown on the map (Page 4), and cooperators and dates of planting and harvest are included in Table A. The test planted in Fillmore County was abandoned due to heavy shattercane pressure, ineffective herbicide treatments, and soil variations. Plant stands had been greatly reduced in many of the plots due to dry soil conditions at planting.

These trials are conducted to provide yield and other information about some of the corn hybrids which may be offered for sale in Nebraska. A fee was charged to cover a portion of the cost of establishing tests. Entry was on a voluntary basis and hybrids were selected by the seed producer. Each was limited to four hybrids at each location. An exception was in the South Central and Northeast trials. Here, six widely grown hybrids were entered by the Agronomy Department.

The average performance of all hybrids at each test location is shown in Table B. Some experiments were planted thick and later thinned to the desired stand. Equal numbers of seeds were planted for all hybrids. The plant

population represents the average harvested plant density. Individual plots were two rows wide and 15 to 35 feet long. Performance of hybrids common to each area over a five-year period is shown in Table C. Names and addresses of entrants are shown in Table D.

Yields shown are averages of three or more replicated plots at each location. Plots were either hand or machine harvested and shelled in the field. Grain moisture determinations were made on all replications of each experiment by oven drying or electronic methods. Grain yields are expressed on a 15.5 % moisture basis.

Stalk rot readings were taken previous to harvest in Clay county. Plants were squeezed in the first fully elongated internode above the brace roots. If a stalk would crush by squeezing, it was listed as having stalk rot. Periodic examinations of crushed stalks were made to ensure that stalk rot was present. Counts were made in each of 4 replications. Percentages reflect disease incidence and not disease severity. The variability of this type of data is rather high. Many factors affect the incidence of stalk rot from year to year. Among these are temperature, soil moisture, soil type, fertilizer program, plant population, and row spacing as well as hybrid constitution and maturity.

Variations in soil fertility, moisture conditions and other factors are found in each test area. This makes it impossible to measure yielding ability of hybrids with absolute accuracy. For this reason, small yield differences have little meaning. A statistical measure of differences required for significance is given in each table. These differences are computed at the 5% and 25% levels of significance. At the 5% level, a difference of that magnitude would be expected once in twenty trials through chance alone. At the 25% level, a difference as large or larger

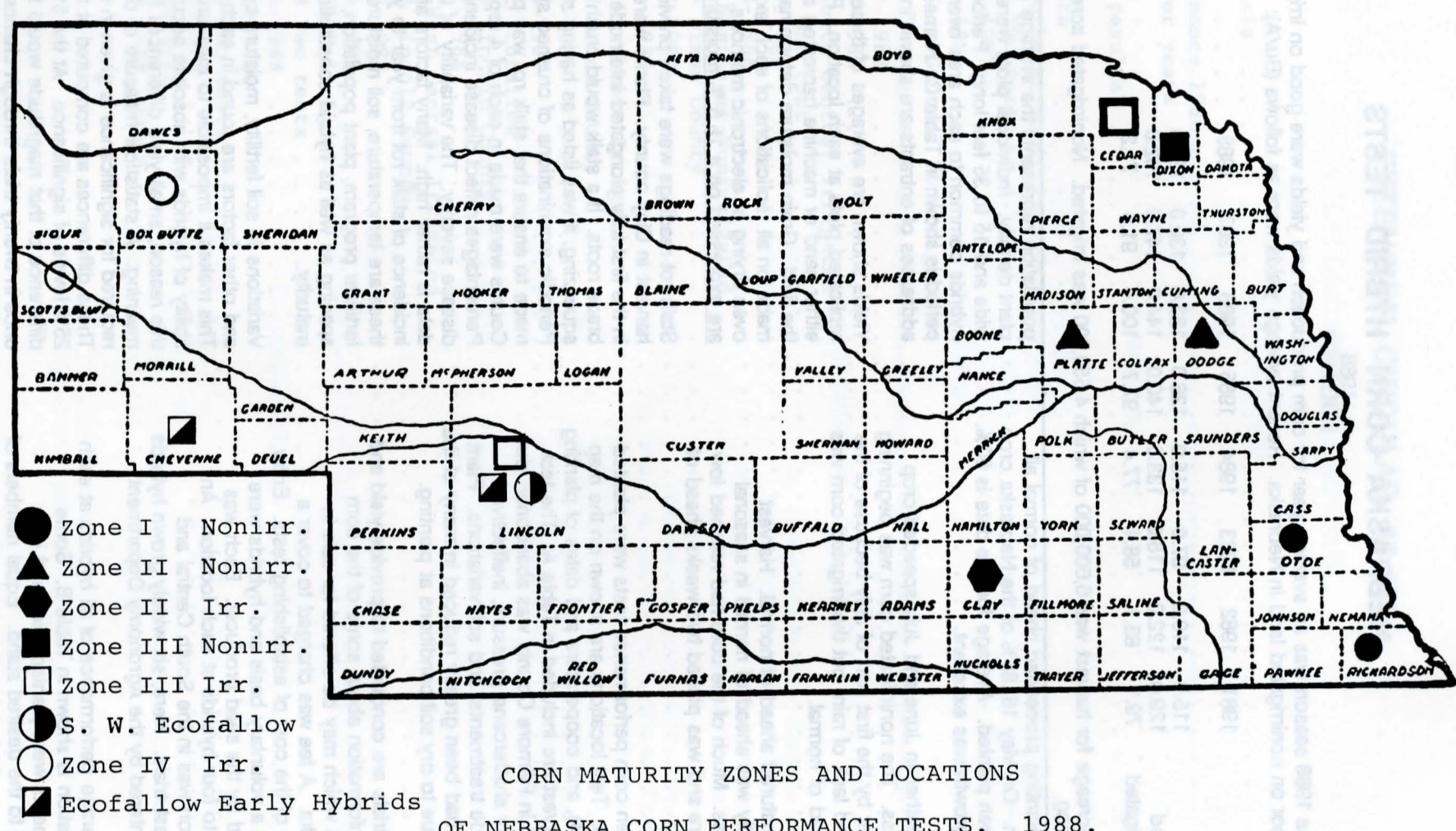


Table A. Locations, cooperators, soil types and planting and harvest dates. 1988.

Location	Cooperator	Soil Type	Planted	Harvested
Zone I Nonirrigated Southeast				
Richardson	Bangert Bros., Falls City	Nodaway silt loam	Apr. 22	Sept. 14-20
Otoe	Donald Hopp, Talmage	Wymore silty clay loam	May 5	Oct. 4
Zone II Nonirrigated East Central				
Dodge	Ben Schole, Hooper	Moody silty clay loam	May 14	Oct. 11
Platte	Gilbert Loseke, Columbus	Moody silty clay loam	May 11	Oct. 10
Zone II Irrigated South Central				
Clay	South Central Res. & Ext. Center	Hastings silt loam	Apr. 19	Oct. 20
Fillmore	Abandoned due to weeds and weather.			
Zone III Nonirrigated Northeast				
Dixon	Kenneth Tuttle, Dixon	Moody silty clay loam	May 2	Oct. 5-6
Zone III Irrigated Northeast				
Cedar	Boyd Ebberson, Coleridge	Nora silt loam	May 10	Oct. 17-18
Southwest Ecofallow				
Lincoln	West Central Res. & Ext. Center	Hall silt loam	May 18	Oct. 25
Zone III Irrigated West Central				
Lincoln	West Central Res. & Ext. Center	Cozad silt loam	April 27	Oct. 10-11
Zone IV Irrigated West				
Scotts Bluff	Panhandle Res. & Ext. Center	Mitchell fine sandy loam	May 6	Oct. 20
Box Butte	Northwest Agricultural Lab.	Keith silt loam	May 11	Oct. 22
Early Ecofallow				
Lincoln	West Central Res. & Ext. Center	Hall silt loam	May 18	Oct. 26
Cheyenne	High Plains Agricultural Lab	Keith silt loam	May 28	Oct. 10

Table B. Average performance of hybrids at each test location. 1988.

Location	Row Spacing inches	Plants Per hill	Hill/plant Spacing inches	Plants per acre	Yield C.V. %	Grain ¹ Yield bu/A	Harvest moisture %	Broken Plants %	Dropped ears %	Yield ² moisture correlation
Zone I Nonirrigated SE										
Richardson	30	1.0	7.8	26,873	23.6	116.0	14.4	3.0	0.1	0.18
Otoe	38	3.3	30	18,158	14.1	86.0	15.3	6.6	0.3	0.32**
Zone II Nonirrigated EC										
Dodge	38	2.7	30	14,855	9.7	107.0	17.1	0.9	0.1	0.31**
Platte	38	2.6	30	14,305	17.3	88.0	15.3	1.6	0.4	0.59**
Zone II Irrigated SC										
Clay	30	1.0	8.3	25,210	8.5	185.0	15.3	---	---	0.47**
Zone III Nonirrigated NE										
Dixon	30	1.0	12.8	16,275	13.4	80.5	16.6	0.8	0.1	0.23*
Zone III Irrigated NE										
Cedar	30	1.0	8.7	24,105	8.9	191.0	17.6	2.1	0.0	0.32**
Southwest Ecofallow										
Lincoln	30	1.0	15.3	13,710	13.7	110.3	15.9	0.6	0.2	0.60**
Zone III Irrigated WC										
Lincoln	30	1.0	8.5	24,606	11.4	180.2	20.8	2.7	0.2	0.40**
Zone IV Irrigated W										
Scotts Bluff	30	1.0	7.0	30,060	12.3	198.4	23.6	---	---	0.09
Box Butte	30	1.0	8.7	24,101	14.7	172.4	23.5	---	---	0.26
Early Ecofallow										
Lincoln	30	1.0	14.5	14,420	16.8	99.2	11.1	0.4	1.0	.87**
Cheyenne	30	1.0	26.5	7,900	15.2	59.3	19.5	---	---	.28

¹ Hand harvest Lincoln County ecofallow (2 tests). Others machine harvest.

² Correlations between moisture at harvest and acre grain yield, * significant (5% level), ** highly significant (1% level). Negative values indicate that lower moisture was associated with higher yields.

Table C. Corn performance. Average for entries over years within areas.
Five years.

Test	Year	Yield bu/A	Moisture %	Broken %	Dropped %
Southeast (7 hybrids)	1984	121.2	21.0	2.6	0.9
	1985	141.1	16.6	4.7	1.1
	1986	152.7	20.2	3.4	0.4
	1987	165.4	16.3	6.4	0.0
East Central (9 hybrids)	1988	98.9	14.8	5.9	0.6
	1984	121.4	22.2	2.0	0.3
	1985	151.9	17.5	3.1	0.3
	1986	117.9	17.8	3.1	1.3
South Central irr. (15 hybrids)	1987	122.0	16.8	1.7	0.9
	1988	97.9	16.6	1.9	0.3
	1984	181.5	22.4	6.4	0.3
	1985	198.8	19.6	8.5	1.3
Northeast nonirr. (13 hybrids)	1986	195.1	20.2	9.1	2.8
	1987	199.5	20.2	4.1	0.3
	1988	186.0	15.9	--	--
	1984	167.5	20.4	0.3	0.1
Northeast irr. (13 hybrids)	1985	142.8	---	0.2	0.1
	1986	145.5	20.1	1.6	0.7
	1987	132.2	17.6	0.5	1.2
	1988	79.8	16.8	1.5	0.0
Southwest ecofallow (1 hybrids)	1984	167.5	23.5	3.2	0.2
	1985	188.2	25.6	0.5	0.0
	1986	143.2	19.0	1.4	0.4
	1987	174.9	17.4	1.1	0.2
West Central irr. (9 hybrids)	1988	198.8	17.4	2.2	0.6
	1984	57.0	28.5	1.0	0.0
	1985	62.0	23.6	3.0	0.0
	1986	74.0	31.3	0.0	0.0
West irr. (4 hybrids)	1987	57.0	13.3	0.0	0.0
	1988	110.0	17.6	1.0	0.0
	1984	206.2	20.7	10.7	1.4
	1985	202.1	15.3	8.9	0.5
Early ecofallow (1 hybrid)	1986	182.1	17.2	8.4	3.3
	1987	212.2	13.4	3.1	0.2
	1988	186.2	20.9	3.1	0.1
	1984	141.9	22.8	1.3	---
	1985	146.0	33.9	3.0	---
	1986	166.8	25.8	---	---
	1987	143.0	25.5	0.8	---
	1988	182.1	24.7	---	---
	1986	86.8	21.8	2.0	0.0
	1987	76.8	17.8	0.0	0.5
	1988	87.5	17.5	0.5	1.0

Table D. Entrants. Nebraska Corn Performance Tests. 1988.

Brand	Entrant	Address
-----	Agricultural Research Div., UNL	Lincoln, NE 68583
Agrigene	Agrigene Seed Research	Des Moines, IA 50322
Asgrow/O's Gold	Asgrow Seed Company	Kalamazoo, MI 49001
Bo-Jac	Bo-Jac Hybrid Corn Co.	Mt. Pulaski, IL 62548
Cargill	Cargill Seeds	Minneapolis, MN 55440
ContiSeed	ContiSeed	Huron, SD 57350
Crow's	Crow's Hybrid Corn Co.	Milford, IL 60953
Curry	Curry Seed Company	Elk Point, SD 57025
Custom Farm Seed	Custom Farm Seed	Momence, IL 60954
Dahlgren	Dahlgren and Company	Columbus, NE 68601
DeKalb-Pfizer	DeKalb-Pfizer Genetics	DeKalb, IL 60115
Ek Premium	Ek Premium	Berwick, IL 61417
Excell	Excell Hybrids	Aurora, NE 68818
Federal	Federal Hybrids	Marion, IA 52302
Fontanelle	Fontanelle Hybrids	Nickerson, NE 68044
Funk's	Funk Seeds International	Bloomington, IL 61702
Golden Acres	Taylor-Evans	Tulsa, TX 79088
Golden Harvest	J.C. Robinson Seed Co.	Waterloo, NE 68069
Green Acres	Green Acres	Hartington, NE 68739
Growers	GroAgri Seed Company	Lubbock, TX 79408
Hawkeye	Hawkeye Hybrids, Inc.	Pella, IA 50219
Hoegemeyer	Hoegemeyer Hybrids	Hooper, NE 68031
Horizon	Horizon Seeds, Inc.	Lincoln, NE 68501
Jacobsen	Jacobsen Hybrid Corn Co., Inc.	Lake View, IA 51450
Jacques	Jacques Seed Company	Prescott, WI 54021
Kaltenberg	Kaltenberg Seed Farms, Inc.	Waukegan, WI 53191
Kruger	Kruger Seed Company	Dike, IA 50624
Lewis	Lewis Hybrids, Inc.	Ursa, IL 62376
Lincoln Seed	Lincoln Seed	Sioux City, IA 51101
Lynks Seeds	Lynks Seeds	Marshalltown, IA 50158
Mc Curdy	Mc Curdy Seed Company	Fremont, IA 52561
Northrup King	Northrup King Company	Phillips, NE 68865
Ohlde	Ohlde Seed Farms	Palmer, KS 66062
ORO	ORO Hybrids	Lubbock, TX 79404
Payco	Payco Seeds	Dassel, MN 55325
Pfister	Pfister Hybrid Corn Co.	El Paso, IL 61738
Pioneer	Pioneer HiBred International, Inc.	Lincoln, NE 68505
Prairie Stream	Prairie Stream Farms, Inc.	Frankfort, IN 46041
Renze	Renze Hybrids, Inc.	Carroll, IA 51401
S-Brand	Schechinger Seed Co.	Harlan, IA 51537
SeedTec	SeedTec International	Hereford, TX 79045
Sigco	Sigco Research	Breckenridge, MN 56520
Super Crost	Edward J. Funk & Sons, Inc.	Kentland, IN 47951
Superior	Superior Hybrids Co.	North Bend, NE 68649
Terra Seed	Terra International	Champaign, IL 61820
Tri Valley	Tri Valley Seed	Council Bluffs, IA 51501
Triumph	Triumph Seed Co., Inc.	Ralls, TX 79357
Wilson	Wilson Hybrids, Inc.	Harlan, IA 51537

NC+ Hybrids were entered by the Agricultural Research Division, UNL.

would be expected by chance alone in one of four trials.

In these experiments, many hybrids had essentially the same grain production. Performance of hybrids varies with seasonal conditions, and great care should be used in interpreting the results of a single year's tests.

RESULTS

Data tables for each zone are shown in sections. The 1988 zone performance is listed and followed by two-, three-, four- and five-year averages where available.

Relative hybrid performance often varies with locations within zones. Two experiments were conducted in each of the following zones: Zone I Southeast, Zone II East Central, Zone IV West Irrigated and Early Ecofallow. Highly significant (1% level) hybrid x location interactions were obtained in all areas except the Southeast and Early Ecofallow. The Early Ecofallow interaction was significant (5% level). In zone analyses, the hybrid x location mean square was used to calculate the differences required for significance shown in the tables.

The correlation or r value for the relationship between grain moisture and yield is shown in Table B. Higher grain moisture was significantly correlated with higher grain yield at nine locations. Higher grain moisture was significantly correlated with lower grain yield at one location. There was little relationship between moisture and grain yield at four locations. Even though these relationships were significant, they do not indicate that maturity was the major factor in yield differences. Moisture at harvest is an important consideration in hybrid selection as it does affect time of harvest and drying costs.

Corn growing conditions in Nebraska vary greatly with years. The 1981, 1984 and 1985 seasons were especially favorable. Heat stress was severe in 1980. In 1981, conditions varied greatly with location. The 1982 season was cooler and wetter than normal. The 1983 season was wetter than normal with severe drouth in southeastern Nebraska. In 1984, early moisture was in excess. Rainfall in July and August was generally deficient but temperatures were more moderate than in 1983. In 1985, June and July were cooler than normal. Rainfall

Earlier-maturing hybrids are favored in some seasons while later ones perform best in others. Some hybrids are able to withstand unfavorable weather better than others which may do well under optimum growing conditions. Performance over a period of years should give a much better measure of adaptation. Harvest moisture, stalk strength, and resistance to insects and disease also are factors which must be considered in selecting hybrids.

generally was adequate except in western Nebraska. The 1986 season was very favorable for corn production. Period-of-years averages provide a measure of performance over a wide range of growing conditions. The effect of season on performance in each zone is shown in Table C.

Zone I Southeast Nonirrigated

Two trials were harvested (Table 1A). The Richardson County trial was planted early, made excellent progress but yields were greatly reduced by the lack of rainfall. It was on bottomland and the lack of rainfall caused considerable variability in this test. This variability caused the differences between hybrids statistically detectable only at the 25% level. The Otoe trial was on upland and was also dry during much of the summer. There was little agreement between the two locations in 1988. Higher grain moisture was correlated with higher grain yield. Period-of-years data are shown in Tables 1B and 1C.

Zone II East Central Nonirrigated

Two trials were planted in this area (Table 2A). The Dodge County plot was planted into dry hard soil and had some germination problems. Although the rains weren't plentiful, they were timely and adequate for a reasonable yield. The Platte County plot had some germination problems because of dry soil at planting, but looked good most of the summer. Period-of-years data are shown in Tables 2B and 2C.

Zone II South Central Irrigated

Excellent yields were obtained in the trial in this area (Table 1A). Six widely grown hybrids were entered in this test. Average stalk rot readings by year for 15 hybrids tested for a five-year period were as follows: 1984 50%, 1985 75%,

1986 45%, 1987 29%, and 1988 35%. Period-of-years data for South Central tests are shown in Tables 3B and 3C.

Zone III Northeast

One hundred eleven hybrids were tested without and with irrigation (Tables 4A and 5A). The Dixon County nonirrigated test was on a notill field. The seedbed was good and excellent weed control made it unnecessary to cultivate. The dryland corn was under drought stress at times during the season. The irrigated test in Cedar County was planted into ideal seedbed conditions and was adequately watered all summer. Average 2-, 3-, 4- and 5-year yields are shown in tables 4B, 4C, 5B and 5C.

Southwest Ecofallow

This trial was seeded into stubble from a 1987 wheat crop (Table 6A). Moisture at planting was wet followed by a dry hot June. Good moisture during July and August made a good corn crop. Period-of-years data are shown in Table 6B.

Zone III West Central Irrigated

Yield and other data from North Platte are shown in Table 7A. Seasonal growing conditions generally were good. All hybrids matured before frost. Period-of-years data are shown in Tables 7B and 7C.

Zone IV West Irrigated

West irrigated trials were in Scotts Bluff and Box Butte counties (Table 8A). Yields were good in Scotts Bluff County. Period-of-years yield and other data are shown in Tables 8B and 8C.

Cultural Practices

Richardson: After soybeans. 174 # N preplant + 100# 10-34-0 starter. Atrazine at 2.5 qt and Pydrin insecticide at 0.4 pt. were used at planting time. 2,4-D ester + Banvel 0.5 + 1 pt at spike stage were used with no cultivation.

Otoe: After soybeans. 100# N preplant anhydrous. Two and 3/4 # Extrazine used for herbicide. Yields were reduced due to hot dry conditions in June, July, and August.

Platte: After soybeans. 110# N applied preplant as anhydrous. 80# 10-30-5 applied as starter. Lasso - Atrazine were used as herbicide and ridge till used. 2 cultivations. Yields were better than drought would indicate.

Early Ecofallow

These trials are designed to test some of the earlier hybrids in an ecofallow system. The normal rotation would be wheat-corn-fallow with corn planted into standing wheat stubble.

Results of two 1988 trials are shown in Table 9A. Growing season rainfall was below normal at both locations. Moderate summer temperatures resulted in nearly 100 bushels per acre yields at the Lincoln County location while the Cheyenne County location had yields near the 60 bushel per acre level. Two hybrids were included in 2-year and 3-year averages (Table 9B).

White Corn Test

A test of 49 white corn hybrids were tested in Clay County in 1988. They were compared with three yellow check hybrids. Yields of white hybrids are reported on a 54 pound per bushel basis in Table 10. Some of the yields were quite comparable to yellow corn hybrids. White corn is used as human food for specialty products and command a premium for good quality. This test was conducted in cooperation with Dr. L.L. Darrah at the University of Missouri. The Nebraska Corn Development, Utilization, and Marketing Board also contributed financially to support the white corn test. Ben Douppnik, Jr. contributed his expertise in the area of Plant Pathology to the project, also.

Dodge: 74# 18-46-0 used as starter and 100# 46-0-0 sidedressed. Manure at rate of 2T was applied before planting. Lasso at 3/4 qt was banded on. One cultivation and one rotary hoeing kept weeds down all summer. Dry weather reduced yields.

Clay: Slot planted into soybean stubble. Cultivated once and hilled once. Bicep at 3 qt and 140# N were applied. Corn was visually shorter because of hot dry weather and delayed first irrigation. Final yields were good.

Dixon: After soybeans. 10-34-0 used as starter with 80 # N sidedressed. Conquest + Paraquat used for weed control. No till planting resulted

in good weed control so no cultivation was used. Moisture stress reduced yields.

Cedar: After soybeans. 165# N preplant and 18-46-0 used as starter. Conquest row banded at 3 #/treated acre. Excellent yields were indicative of adequate irrigation water.

Lincoln Ecofallow: Land was fallowed in 1986 and winter wheat in 1987. Atrazine and paraquat on wheat stubble with preplant Roundup gave good weed control. 60# N were applied to the corn and 40# P₂O₅ was applied to the previous wheat crop. Good moisture after July 1 resulted in good yields.

Lincoln Irrigated: After sorghum. 175 # N was applied preplant. Atrazine at the rate of 2 # was used as herbicide. After a hot dry June, conditions were good and all hybrids matured before frost.

Scotts Bluff: After dry beans. 150# N sidedressed and 5 gal 10-34-0 used as starter. Lasso used as herbicide. Some lack of water early in season but good irrigation later resulted in excellent yields.

Box Butte: Corn in 1986 and fallowed in 1987. Minimum tillage was used prior to planting and atrazine was applied preemergence. Plot was furrow irrigated. Some border rows were damaged by deer and had to be eliminated.

Lincoln Early Ecofallow: Land was fallowed in 1986 and winter wheat in 1987. Atrazine and paraquat on wheat stubble with preplant Roundup gave good weed control. 60# N were applied to the corn and 40# P₂O₅ was applied to the previous wheat crop. Good moisture after July 1 resulted in good yields.

Cheyenne Early Ecofallow: Land was fallowed in 1986 and winter wheat in 1987. Dual at 1 1/2 pt, Roundup at 1 1/2 pt and atrazine at 3/4 # were used preemergence to control weeds. No tillage was done prior to planting and no cultivation was used.

White Corn - Clay County: After milo using conventional tillage. 190 # N and 3 qt Bicep were applied. One cultivation and hilled once. Planted April 20 harvested Oct. 24.

Table 1A. Zone I Southeast nonirrigated. Two tests. Richardson & Otoe County. 1988.

Brand	Hybrid	Yield		1988 Average				
		Average BU/A	Rich. BU/A	Otoe BU/A	Moisture PCT	Broken PCT	Dropped PCT	Bushel Weight
CROW'S	647	123	153	93	15.2	9	0	56.7
HORIZON	5117	121	153	88	15.0	4	1	56.3
PIONEER	3379	119	141	97	14.4	2	0	59.3
JACQUES	8210	116	144	88	15.2	8	0	58.6
GOLDEN ACRES	T-E 6988	116	146	85	14.3	6	1	57.1
NORTHROP KING	S 7759	116	136	96	15.1	4	0	57.1
PIONEER	3168	115	139	91	15.7	1	0	59.9
FUNK'S	G-4673B	114	136	91	15.4	5	0	57.3
CROW'S	488	112	140	83	13.6	3	1	57.4
TERRA	TR 1120	111	134	88	15.1	5	0	58.2
WILSON	2100	111	134	88	15.3	3	1	58.6
FUNK'S	G-4500	111	129	93	14.7	5	1	56.9
LEWIS	5106	111	123	98	15.6	5	1	57.5
KRUGER	K8116	110	145	74	15.4	4	0	58.1
TRI VALLEY	114	109	131	87	14.0	3	0	57.6
HAWKEYE	SX56	108	124	92	14.9	6	0	58.3
FONTANELLE	6235	108	122	93	14.8	6	0	58.0
ASGROW/O'S GOLD	RX788	108	125	91	15.4	3	0	58.4
MCCURDY	7384	108	128	87	14.8	6	0	56.5
S BRAND	SS-62B	108	124	91	14.4	4	0	56.8
ASGROW/O'S GOLD	XP9086	107	129	84	16.2	7	1	57.3
CARGILL	7993	106	118	93	15.1	2	1	58.0
NORTHROP KING	PX 9540	106	122	89	14.2	7	0	57.8
GOLDEN ACRES	T-E 6951	106	124	87	15.1	5	0	58.1
OHLDE	230	106	129	83	15.5	4	0	57.8
GOLDEN ACRES	T-E 6994	106	126	86	15.8	8	0	56.8
PFISTER	3380	106	121	90	14.7	5	0	58.0
TERRA	TR 360E	105	127	83	14.5	4	1	59.8
SEEDTEC	ST-915	105	119	91	15.7	5	0	56.6
S BRAND	SS-63B	105	108	102	15.4	4	0	58.6
LEWIS	5910	105	121	89	15.6	4	1	58.2
FONTANELLE	5230	105	133	76	14.9	4	0	58.2
S BRAND	SS-62A	104	125	82	14.5	3	0	55.2
CROW'S	482	104	121	87	14.0	9	1	57.4
FONTANELLE	6230	104	118	89	15.7	5	0	57.0
GROWERS BRAND	2216	103	122	84	14.8	5	0	56.8
EK PREMIUM	EK7796	103	114	91	14.9	5	1	58.0
SEEDTEC	ST-7750	103	119	87	16.3	6	1	57.8
FUNK'S	G-4543	103	117	89	15.0	8	1	58.7
BO-JAC	602	102	113	90	14.6	5	1	58.1
CUSTOM FARM SEEDW8251		101	121	81	15.4	9	1	55.8
SEEDTEC	ST-7680	101	118	84	14.7	4	1	58.0
CUSTOM FARM SEED7707		101	115	87	14.8	4	0	58.6
CUSTOM FARM SEED7501		101	116	86	14.9	3	1	58.2
KRUGER	K8110B	101	120	81	13.5	2	0	57.1

Continued

Table 1A. Concluded

Brand	Hybrid	Yield		1988 Average				
		Average BU/A	Rich. BU/A	Otoe BU/A	Moisture PCT	Broken PCT	Dropped PCT	Bushel Weight
JACQUES	7950	101	115	87	14.1	9	0	55.8
NORTHROP KING	7705	101	111	91	15.2	5	0	57.1
KRUGER	K8110A	100	121	78	14.3	2	1	57.6
MCCURDY	7372	100	113	86	15.0	9	1	58.6
ORO	100	100	125	74	13.6	2	1	58.6
NORTHROP KING	S 8505	100	115	85	16.7	6	0	57.8
TRI VALLEY	115	100	118	81	14.4	4	0	57.1
BO-JAC	905	100	98	101	15.8	6	1	56.6
TRIUMPH	2020	100	105	95	16.0	6	1	57.6
PIONEER	3377	99	111	86	13.9	5	0	57.3
WILSON	2300	99	105	93	15.8	7	1	57.7
S BRAND	SS-64D	98	105	91	14.3	1	0	57.6
RENZE	6358	98	116	79	14.4	4	0	54.9
JACQUES	7820	98	112	83	14.6	5	0	57.4
CARGILL	SX352	97	106	87	15.3	8	0	57.3
TRIUMPH	2035	97	109	84	15.9	7	0	57.1
SUPER CROST	5460	97	105	88	15.2	8	1	58.6
-----	NEBR. 611	96	111	81	14.2	8	1	55.6
GROWERS BRAND	2333	96	102	89	15.5	4	0	57.5
SEEDTEC	ST-7625	96	99	93	14.5	5	1	59.0
SUPER CROST	5415	96	89	103	14.6	6	1	57.6
CARGILL	7877	95	105	85	14.4	7	0	55.8
HORIZON	5124	95	104	85	15.6	9	0	57.6
TRIUMPH	1650 FG	94	108	80	16.1	6	1	58.6
CUSTOM FARM SEEDW97016		94	110	78	15.0	6	0	59.3
KRUGER	K8111A	94	110	77	14.1	2	0	58.2
CROW'S	682	94	93	94	15.0	6	1	55.7
TERRA	TR 1125	94	114	73	14.5	2	0	58.5
BO-JAC	601	93	98	88	15.2	8	0	57.6
RENZE	6352	93	106	79	14.1	4	0	57.8
LYNKS SEEDS	LX4355	93	105	81	14.1	4	0	56.5
EK PREMIUM	EK7786	92	112	72	14.3	2	1	57.4
TERRA	TR 3400	92	99	84	14.4	4	0	56.5
GROWERS BRAND	2355	92	110	73	17.3	9	1	58.3
LEWIS	6756	91	101	81	13.6	2	0	54.6
CARGILL	7990	91	96	85	14.6	8	0	55.3
GOLDEN ACRES	T-E 6996	90	102	77	16.4	8	1	59.0
ORO	150	87	99	75	14.9	4	1	57.2
HORIZON	7115	86	92	80	14.3	1	1	58.1
PFISTER	3340	86	91	81	14.0	5	0	57.4
EK PREMIUM	EK8805	83	92	73	14.5	4	1	57.1
EK PREMIUM	EK8805A	68	83	53	13.5	11	1	57.1
AVERAGE ALL ENTRIES		101	117	86	14.9	5	.2	57.5
DIF. REQ. FOR SIG.	5%	NS	NS	17	1.5	NS	NS	0.8
	25%	13	23	10	0.8	NS	NS	0.4

Table 1B. Southeast nonirrigated. 1987-1988.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	BUSHEL WEIGHT LBS
2 YEAR AVERAGE						
PIONEER	3168	152	16.1	4	0	60.0
JACQUES	8210	150	16.3	5	0	58.7
HORIZON	5117	150	15.4	3	1	57.3
WILSON	2100	147	15.6	3	1	59.4
CROW'S	488	145	14.6	5	1	58.1
ASGROW/O'S GOLD	RX788	144	15.7	4	0	59.0
HAWKEYE	SX56	143	15.6	4	0	58.9
FONTANELLE	6230	143	16.1	4	1	58.3
FONTANELLE	6235	142	15.4	5	0	59.2
GOLDEN ACRES	T-E 6988	142	15.0	6	1	58.3
GOLDEN ACRES	T-E 6994	141	16.3	6	0	57.8
MCCURDY	7372	140	15.8	6	1	59.5
LEWIS	5910	140	15.9	3	1	59.4
JACQUES	7950	140	15.7	7	0	57.0
TRIUMPH	2020	138	16.2	5	1	58.2
TRI VALLEY	114	138	14.7	2	0	58.2
OHLDE	230	138	15.7	5	0	58.9
TRIUMPH	1650 FG	137	16.9	6	1	59.3
NORTHROP KING	PX 9540	137	15.2	5	1	59.1
BO-JAC	601	136	15.7	6	1	58.7
HORIZON	5124	136	16.5	8	0	58.3
S BRAND	SS-638	136	15.9	4	0	59.4
GOLDEN ACRES	T-E 6951	136	15.7	7	0	58.8
CROW'S	482	136	14.7	6	1	57.8
SEEDTEC	ST-915	135	15.9	6	1	57.9
SUPER CROST	5460	135	15.6	7	1	59.2
BO-JAC	602	135	15.5	6	1	59.0
EK PREMIUM	EK7796	135	15.5	5	1	58.9
S BRAND	SS-628	135	15.0	9	1	59.0
BO-JAC	905	134	16.5	10	1	57.8
TRI VALLEY	115	134	15.4	4	0	58.4
SUPER CROST	5415	134	15.5	5	1	58.6
LEWIS	6756	133	14.9	8	0	57.1
MCCURDY	7384	133	15.6	7	0	57.8
CUSTOM FARM SEED	7707	132	15.4	5	0	59.1
PIONEER	3377	131	14.9	6	0	57.9
CUSTOM FARM SEED	7501	131	15.5	5	1	59.1
S BRAND	SS-62A	131	15.2	10	1	56.6
CARGILL	SX352	130	15.7	7	1	58.3
WILSON	2300	130	16.4	9	1	58.3
-----	NEBR. 611	130	15.2	6	1	56.5
GOLDEN ACRES	T-E 6996	127	16.8	10	1	59.1
TERRA	TR 3400	125	15.4	5	1	57.8
CUSTOM FARM SEED	W8251	125	16.1	12	1	56.7
CARGILL	7990	124	15.6	14	0	56.9
EK PREMIUM	EK8805	122	15.4	5	1	58.1
EK PREMIUM	EK7786	115	14.9	4	1	58.5
EK PREMIUM	EK8805A	111	14.9	12	1	57.9
AVERAGE ALL ENTRIES		135.2	15.6	6	0.4	58.4
DIF. REQ. FOR SIG.	5%	6.8	0.1	NS	NS	6.3
	25%	4.0	0.1	NS	NS	3.7

Table 1C. Southeast Nonirrigated. 1984-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	BUSHEL WEIGHT LBS
3 YEAR AVERAGE						
TRIUMPH	2020	150	17.6	4	0	57.9
BO-JAC	905	149	18.0	7	0	57.3
WILSON	2100	149	17.0	3	1	59.0
HAWKEYE	SX56	148	17.0	3	0	58.5
MCCURDY	7372	147	17.3	5	1	59.0
CROW'S	488	147	16.1	5	1	58.2
ASGROW/O'S GOLD	RX788	147	17.0	3	0	58.6
FONTANELLE	6235	147	17.1	5	0	58.4
GOLDEN ACRES	T-E 6994	146	17.6	4	0	57.6
S BRAND	SS-638	146	17.3	3	0	58.7
LEWIS	5910	146	17.3	3	0	59.0
WILSON	2300	145	17.9	7	0	57.8
SEEDTEC	ST-915	144	17.7	4	0	57.4
SUPER CROST	5415	142	16.8	4	1	58.6
NORTHROP KING	PX 9540	142	16.6	4	0	58.7
GOLDEN ACRES	T-E 6988	141	16.5	5	1	57.9
TRI VALLEY	115	141	16.8	4	0	58.4
CARGILL	7990	139	17.4	10	0	56.6
MCCURDY	7384	138	17.2	5	0	57.9
CARGILL	SX352	138	17.2	6	0	58.1
CUSTOM FARM SEED	7501	137	16.9	3	0	58.6
EK PREMIUM	EK7796	137	16.8	4	1	58.8
EK PREMIUM	EK8805	134	17.0	4	0	58.0
CUSTOM FARM SEED	W8251	133	17.8	9	1	56.5
-----	NEBR. 611	132	17.1	7	1	56.5
EK PREMIUM	EK8805A	126	16.4	9	1	57.9
AVERAGE ALL ENTRIES		141.8	17.1	4.9	0.4	58.1
DIF. REQ. FOR SIG.	5%	NS	0.3	2.1	0.4	0.4
	25%	4.4	0.2	1.3	0.2	0.2
4 YEAR AVERAGE						
TRIUMPH	2020	150	17.6	4	1	58.6
BO-JAC	905	149	17.8	6	1	58.0
WILSON	2100	149	16.9	3	1	59.6
CROW'S	488	148	16.2	5	1	58.8
HAWKEYE	SX56	148	16.8	3	1	59.2
MCCURDY	7372	147	17.2	5	2	59.6
LEWIS	5910	146	17.1	3	0	59.5
SEEDTEC	ST-915	144	17.5	4	1	58.1
ASGROW/O'S GOLD	RX788	144	16.8	3	0	59.2
NORTHROP KING	PX 9540	143	16.7	4	1	59.5
CARGILL	7990	141	17.4	8	0	57.4
EK PREMIUM	EK7796	139	16.7	3	1	59.3
CARGILL	SX352	139	17.0	6	1	58.7
MCCURDY	7384	137	17.1	5	1	58.5
-----	NEBR. 611	133	16.9	8	1	57.1
EK PREMIUM	EK8805	133	16.9	5	1	58.6
EK PREMIUM	EK8805A	131	16.4	8	1	58.6
AVERAGE ALL ENTRIES		142.4	17.0	4.8	0.6	58.7
DIF. REQ. FOR SIG.	5%	5.9	0.3	NS	NS	0.3
	25%	3.5	0.2	1.2	0.3	0.2
5 YEAR AVERAGE						
HAWKEYE	SX56	143	17.6	3	1	59.2
LEWIS	5910	142	17.8	3	0	59.5
CARGILL	7990	139	18.2	7	0	57.4
EK PREMIUM	EK7796	134	17.5	3	0	59.3
MCCURDY	7384	133	17.9	5	1	58.5
EK PREMIUM	EK8805	132	17.8	4	1	58.6
-----	NEBR. 611	129	17.7	7	1	57.1
AVERAGE ALL ENTRIES		135.9	17.8	4.6	0.6	58.5
DIF. REQ. FOR SIG.	5%	NS	NS	NS	NS	0.3
	25%	2.9	0.1	1.3	NS	0.2

Table 2A. Zone II East Central Nonirrigated. Two tests. Dodge & Platte Counties. 1988.

Brand	Hybrid	Yield		1988 Average				
		Average BU/A	Dodge BU/A	Platte BU/A	Moisture PCT	Broken PCT	Dropped PCT	Bushel Weight
SUPERIOR	SP 6022	109	113	104	17.0	1	0	59.1
JACQUES	7820	109	109	109	17.5	1	0	59.1
RENZE	6412	108	102	113	17.0	1	0	58.7
CURRY	1480	107	114	100	16.4	1	1	59.0
JACQUES	7950	106	107	105	15.8	2	0	57.0
NORTHROP KING	7705	106	106	106	16.5	1	0	58.5
KRUGER	K8116	105	115	95	17.4	1	0	59.2
SUPER CROST	5460	105	105	104	17.1	1	1	58.8
S BRAND	SS-63B	105	110	100	17.3	2	0	58.6
PIONEER	3168	105	115	95	16.9	1	0	59.8
EK PREMIUM	EK9900	105	117	93	17.4	2	1	58.5
TRI VALLEY	115	105	111	98	16.1	2	0	58.4
FEDERAL	FX40A	104	117	91	17.1	3	0	57.3
KRUGER	K8112	104	110	98	17.3	1	0	58.9
JACOBSEN	JS48B	103	115	90	17.0	3	0	58.2
MCCURDY	7372	103	108	97	17.2	3	0	59.4
DAHLGREN	DC-555	103	107	99	17.0	2	0	58.7
WILSON	1670	103	110	95	15.3	2	0	58.7
CROW'S	482	103	115	91	16.5	2	0	58.3
CURRY	1468	102	115	88	16.0	1	1	58.6
WILSON	1700	102	105	99	17.4	1	0	59.3
TERRA	TR 1120	102	109	95	17.5	1	0	58.7
PIONEER	3379	102	106	98	16.3	1	0	59.2
ASGROW/O'S GOLD	RX788	102	97	107	17.0	1	0	58.6
EK PREMIUM	EK8805	101	115	86	15.8	1	0	58.1
OHLDE	230	101	107	94	16.6	1	0	58.9
FONTANELLE	5230	101	105	96	16.7	4	0	59.0
DAHLGREN	DC-545	101	108	94	16.0	1	1	59.5
HORIZON	4111	101	115	87	15.4	2	0	58.9
CROW'S	647	101	111	91	16.2	2	0	58.1
PIONEER	3377	101	119	83	16.7	3	1	58.7
CARGILL	7993	101	109	93	16.8	1	0	58.7
FONTANELLE	6235	100	104	95	16.6	1	0	59.2
MCCURDY	7384	100	109	91	16.4	1	0	58.7
WILSON	2100	100	109	90	16.2	2	1	59.3
HORIZON	717	100	102	98	17.2	1	1	58.8
TRIUMPH	1595	100	107	92	17.9	3	0	58.3
CROW'S	488	99	106	92	15.1	3	0	58.4
SUPERIOR	SP 5448	99	112	86	15.8	2	0	58.4
MCCURDY	6660	98	117	78	16.1	1	0	58.9
HORIZON	7113	98	111	84	15.9	1	0	58.6
S BRAND	SS-64D	98	99	97	16.1	1	0	58.0
NORTHROP KING	PX 9540	98	114	81	16.4	1	0	59.1
SEEDTEC	ST-7625	98	102	94	16.0	1	0	60.0
FONTANELLE	4280	97	110	84	16.2	1	0	58.7

Continued

Table 2A. Concluded.

Brand	Hybrid	Yield		1988 Average				
		Average BU/A	Dodge BU/A	Platte BU/A	Moisture PCT	Broken PCT	Dropped PCT	Bushel Weight
LYNKS SEEDS	LX4355	97	104	89	17.4	2	0	57.9
TERRA	TR 3400	97	105	88	17.0	2	0	58.7
NORTHROP KING	S 5340	97	110	83	15.2	0	0	59.3
TRIUMPH	2035	97	103	91	17.4	1	0	57.7
CARGILL	7877	96	106	86	16.6	2	0	58.1
PFISTER	3380	96	104	88	16.1	1	1	57.9
AGRIGENE	AG 6450	96	113	79	16.1	1	0	58.9
AGRIGENE	AG 7400	96	94	98	16.2	1	0	58.8
DAHLGREN	DC-541	95	112	78	15.5	1	0	58.7
CROW'S	682	95	101	88	16.4	1	0	58.9
-----	NEBR. 611	95	103	86	15.8	4	1	57.7
TRIUMPH	2020	95	114	76	16.9	2	0	58.6
JACQUES	8210	94	105	83	18.0	1	0	58.0
TERRA	TR 1060	94	106	82	14.9	2	0	58.3
SUPERIOR	SP 5908	93	103	83	15.6	1	0	56.6
RENZE	6358	93	114	72	15.5	1	1	57.0
MCCURDY	5750	92	101	83	15.9	1	0	58.7
DEKALB-PFIZER	DK608	92	106	77	15.7	1	1	57.6
TRI VALLEY	114	92	97	86	16.0	1	0	58.8
DEKALB-PFIZER	DK636	92	98	86	16.4	0	0	59.1
LYNKS SEEDS	DS432	92	106	78	16.5	3	0	58.9
JACOBSEN	JS45	92	100	83	15.6	0	0	58.7
KRUGER	K8108	92	107	77	15.3	1	0	58.0
KRUGER	K8111A	92	111	73	16.5	1	0	58.5
EK PREMIUM	EK8805A	92	110	73	15.7	4	0	57.9
HORIZON	7115	91	107	75	16.1	2	0	58.7
S BRAND	SS-62B	91	104	77	15.8	0	0	58.0
RENZE	6352	91	108	73	16.6	2	0	58.4
SEEDTEC	ST-7680	90	103	76	16.4	1	0	59.3
S BRAND	SS-62A	90	107	73	15.2	1	0	56.8
CARGILL	8027	90	94	86	17.1	0	0	58.6
ASGROW/O'S GOLD	RX759	89	104	73	15.4	1	1	58.3
SUPER CROST	4877	88	105	70	15.7	2	0	56.3
EK PREMIUM	EK7796	88	91	84	16.3	1	0	59.1
NORTHROP KING	N 6348	88	106	69	14.5	2	0	57.1
TERRA	TR 1125	86	94	77	16.0	2	0	58.5
SEEDTEC	ST-7750	85	98	72	17.0	2	0	58.6
AVERAGE ALL ENTRIES		98	107	88	16.3	1.2	0.1	58.5
DIF. REQ. FOR SIG.	5%	NS	NS	21	NS	NS	NS	NS
	25%	NS	9	12	1.1	NS	NS	NS

Table 2B. East Central Nonirrigated. 1987-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	BUSHEL WEIGHT LBS
2 YEAR AVERAGE						
MCCURDY	7372	123	16.8	3	0	59.8
S BRAND	SS-63B	119	16.7	2	0	59.5
PIONEER	3168	119	16.7	1	0	60.3
SUPER CROST	5460	119	16.7	1	1	59.5
SUPERIOR	SP 5908	118	15.8	1	1	57.2
DAHLGREN	DC-555	118	16.6	1	1	59.2
JACQUES	7950	117	16.7	3	1	57.4
TRIUMPH	1595	117	17.3	3	0	59.1
CROW'S	482	117	16.2	2	1	59.1
TERRA	TR 1120	117	16.8	1	0	59.3
WILSON	2100	116	16.2	2	1	59.7
JACQUES	7820	116	16.8	1	1	59.4
TRI VALLEY	115	116	16.2	2	1	59.1
FEDERAL	FX40A	115	16.7	4	2	57.9
SUPERIOR	SP 6022	115	16.7	2	0	59.6
DAHLGREN	DC-545	115	16.3	2	1	59.6
ASGROW/O'S GOLD	RX788	115	16.5	1	1	59.0
CARGILL	7877	114	16.7	2	0	58.2
JACOBSEN	JS48B	114	16.8	3	1	59.0
KRUGER	K8112	114	16.7	1	1	59.1
OHLDE	230	114	16.5	1	0	59.2
PIONEER	3377	114	16.2	3	1	59.2
CROW'S	488	113	15.5	3	1	58.6
EK PREMIUM	EK9900	113	18.2	2	1	58.5
CARGILL	7993	113	16.3	1	0	59.2
S BRAND	SS-62A	112	15.4	2	0	57.2
FONTANELLE	5230	112	16.5	3	1	59.6
WILSON	1700	112	17.2	1	1	59.3
SEEDTEC	ST-7625	111	16.1	1	1	60.2
TERRA	TR 3400	111	16.7	2	1	59.1
EK PREMIUM	EK7796	110	16.2	1	0	59.4
MCCURDY	7384	110	16.8	2	0	59.1
NORTHROP KING	PX 9540	110	16.3	2	1	59.5
FONTANELLE	6235	110	16.9	2	1	59.3
HORIZON	4111	110	15.2	1	0	59.9
HORIZON	717	109	16.7	1	1	59.5
EK PREMIUM	EK8805	109	16.1	2	1	58.6
TRIUMPH	2020	108	17.1	2	0	58.5
S BRAND	SS-62B	108	15.8	2	1	58.5
LYNKS SEEDS	LX4355	107	17.3	2	1	58.5
-----	NEBR. 611	107	16.3	4	1	57.1
LYNKS SEEDS	DS432	106	16.5	3	0	59.0
DAHLGREN	DC-541	105	15.9	1	0	59.0
KRUGER	K8108	105	15.1	1	0	58.5
SEEDTEC	ST-7680	105	16.3	1	1	59.6
FONTANELLE	4280	104	16.2	1	1	59.1
EK PREMIUM	EK8805A	103	16.0	4	1	58.7
MCCURDY	5750	101	15.3	1	0	59.8
AVERAGE ALL ENTRIES		112.1	16.4	1.7	0.4	59.0
DIF. REQ. FOR SIG.	5%	NS	0.5	0.8	NS	0.4
	25%	3.3	0.3	0.5	NS	0.2

Table 2C. East Central Nonirrigated. 1984-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	BUSHEL WEIGHT LBS
3 YEAR AVERAGE						
MCCURDY	7372	122	17.2	2	1	59.6
SUPERIOR	SP 6022	120	17.1	2	1	59.4
JACQUES	7820	120	17.1	2	1	59.3
S BRAND	SS-63B	120	16.9	1	0	59.4
ASGROW/O'S GOLD	RX788	119	16.9	2	1	58.8
TRI VALLEY	115	119	16.8	2	1	58.8
TRIUMPH	2020	119	17.4	1	0	58.3
TRIUMPH	1595	119	17.4	2	0	58.9
TERRA	TR 1120	118	17.0	1	0	59.3
S BRAND	SS-62A	117	15.9	3	0	57.1
FONTANELLE	6235	116	17.0	3	1	58.9
CROW'S	488	116	16.1	3	1	58.6
WILSON	2100	116	16.7	3	1	59.5
WILSON	1700	116	17.3	1	1	58.9
EK PREMIUM	EK9900	115	18.5	2	2	58.6
KRUGER	K8112	115	17.0	2	1	59.1
FONTANELLE	5230	114	16.8	3	1	59.3
NORTHROP KING	PX 9540	114	16.7	2	1	59.1
TERRA	TR 3400	114	17.0	2	1	58.8
EK PREMIUM	EK7796	113	16.6	1	0	59.2
LYNKS SEEDS	LX4355	113	17.5	2	1	58.2
SEEDTEC	ST-7625	113	16.5	1	1	60.0
HORIZON	717	112	17.1	1	0	59.1
-----	NEBR. 611	110	16.8	5	1	56.8
HORIZON	4111	108	15.7	2	1	59.9
EK PREMIUM	EK8805	107	16.6	2	1	58.4
AVERAGE ALL ENTRIES		115.5	16.9	2.1	0.7	58.9
DIF. REQ. FOR SIG.	5%	NS	0.4	0.8	NS	0.3
	25%	NS	0.2	0.5	NS	0.2
4 YEAR AVERAGE						
SUPERIOR	SP 6022	129	17.1	2	1	59.4
WILSON	2100	129	17.0	2	1	59.5
TRIUMPH	2020	128	17.3	1	0	58.3
TERRA	TR 3400	127	17.1	3	1	58.8
TRIUMPH	1595	127	17.4	2	1	58.9
ASGROW/O'S GOLD	RX788	126	17.0	2	1	58.8
LYNKS SEEDS	LX4355	125	17.7	2	1	58.2
WILSON	1700	125	17.4	2	1	58.9
NORTHROP KING	PX 9540	124	16.8	2	1	59.1
CROW'S	488	124	16.3	3	1	58.6
EK PREMIUM	EK9900	124	18.6	2	2	58.6
KRUGER	K8112	123	17.1	2	1	59.1
HORIZON	717	122	17.1	1	0	59.1
EK PREMIUM	EK7796	121	16.8	1	0	59.2
-----	NEBR. 611	117	16.8	4	1	56.8
EK PREMIUM	EK8805	117	16.8	2	1	58.4
AVERAGE ALL ENTRIES		124	17.1	2.0	0.6	58.8
DIF. REQ. FOR SIG.	5%	NS	0.3	0.3	NS	0.3
	25%	NS	0.2	0.2	0.3	0.2
5 YEAR AVERAGE						
TERRA	TR 3400	126	18.1	3	1	58.8
WILSON	1700	125	18.4	2	0	58.9
CROW'S	488	124	17.3	3	1	58.6
EK PREMIUM	EK9900	124	19.4	2	1	58.6
LYNKS SEEDS	LX4355	123	18.6	2	1	58.2
EK PREMIUM	EK7796	122	17.7	1	0	59.2
HORIZON	717	121	18.1	1	0	59.1
EK PREMIUM	EK8805	118	18.0	2	1	58.4
-----	NEBR. 611	117	17.9	4	1	56.8
AVERAGE ALL ENTRIES		122	18.2	2.2	0.6	58.5
DIF. REQ. FOR SIG.	5%	NS	0.3	0.6	NS	0.3
	25%	2.1	0.2	0.4	0.2	0.2

Table 3A. Zone II South Central Irrigated. Clay County. 1988

Brand	Hybrid	Yield BU/A	Moisture PCT	Stalk Rot
HORIZON	717	215	15.3	12
TERRA	TR 1120	214	16.3	8
WILSON	2100	214	16.0	24
PIONEER	3168	213	16.8	24
GOLDEN ACRES	T-E 6994	212	15.5	60
OHLDE	230	210	15.9	20
PRAIRIE STREAM	SX555	209	15.3	36
CONTISEED	8711	207	15.7	44
TRIUMPH	2020	207	16.5	28
HORIZON	5117	205	15.5	48
JACQUES	8210	205	17.1	28
EXCELL	1151	205	15.4	40
JACOBSEN	JS48B	204	16.3	36
CARGILL	SX352 ##	204	16.2	48
FONTANELLE	5230	204	16.4	28
NORTHRUP KING	X 5416	203	16.0	28
TRIUMPH	1595	203	15.7	56
DAHLGREN	DC-545	202	15.4	16
CONTISEED	8707	202	16.1	24
TRI VALLEY	114	201	14.4	52
NORTHRUP KING	S 7759	201	16.4	72
PRAIRIE STREAM	SX702	201	15.7	44
SUPER CROST	5415	201	15.9	28
TRI VALLEY	115	200	16.1	28
FONTANELLE	6235	197	15.9	32
FUNK'S	G-4543	197	15.3	40
HAWKEYE	SX32	197	14.3	28
CROW'S	682	197	15.3	36
PAYCO SEEDS	SX 925	197	15.2	36
KRUGER	K8112	197	15.7	48
SUPERIOR	SP 6022	197	16.1	20
NORTHRUP KING	7705	197	16.1	36
S BRAND	SS-63B	197	15.4	16
CURRY	1490	196	16.2	56
KRUGER	K8116	196	16.3	24
AGRIGENE	AG 7400	196	15.7	24
FUNK'S	G-4513	196	15.9	16
HAWKEYE	SX 59	196	16.4	12
SEEDTEC	ST-7750	195	16.5	32
MCCURDY	7372	195	16.4	24
SEEDTEC	ST-920D	195	15.0	48
S BRAND	SS-64D	195	15.9	24
PFISTER	3380	195	15.8	48
PAYCO SEEDS	SX 900	195	16.5	44
GOLDEN ACRES	T-E 6988	194	15.2	40
SUPERIOR	SP 6884	194	15.2	20
S BRAND	SS-62B	194	15.0	24
EXCELL	1133	193	15.1	32
BO-JAC	602	193	16.2	16
NC+	5990 ##	193	15.7	24
NORTHRUP KING	S 7751	193	16.1	28
SEEDTEC	ST-7680	193	15.4	4
OHLDE	224	193	16.1	44
ORO	150	193	15.7	32
GOLDEN HARVEST	H2572 ##	192	16.0	20
CURRY	1494	192	15.4	48
TRIUMPH	2035	191	16.7	16
RENZE	6358	190	14.4	20
JACOBSEN	JS58	190	14.4	36
CURRY	1479	190	14.5	32
ASGROW/O'S GOLD	RX788	189	16.1	40
CROW'S	488	189	14.7	76
CARGILL	7993	188	15.9	32
PIONEER	3377 ##	187	15.3	44
AGRIGENE	AG 7720	186	16.7	52
EK PREMIUM	EK9900	185	17.7	52

Continued

Table 3A. Concluded.

Brand	Hybrid	Yield BU/A	Moisture PCT	Stalk Rot
WILSON	1700	185	15.7	12
CARGILL	7877	185	14.6	52
DAHLGREN	DC-555	184	16.6	52
TERRA	TR 3400	183	16.2	32
HAWKEYE	SX56	183	16.1	20
MCCURDY	7384	183	15.6	24
BO-JAC	5204	182	14.5	44
DAHLGREN	DC-576	182	17.2	44
PIONEER	3379	182	14.5	16
BO-JAC	454	180	15.6	20
SEEDTEC	ST-915	180	15.8	32
EK PREMIUM	EK7796	180	15.8	16
JACQUES	7950	177	15.5	72
HORIZON	871	176	16.1	40
GOLDEN ACRES	T-E 6996	176	16.7	24
BO-JAC	603	175	16.1	32
-----	FARM ENTRY 1	175	14.3	44
JACQUES	7770	175	15.7	12
PFISTER	2300	174	14.3	48
CROW'S	647	174	14.4	92
GOLDEN ACRES	T-E 6951	173	16.4	24
MCCURDY	6660	173	15.4	16
RENZE	6354	172	15.7	20
ASGROW/O'S GOLD	RX746	171	15.1	20
CROW'S	482	171	14.7	40
PAYCO SEEDS	SX 872	171	14.0	48
TERRA	TR 1125	170	15.7	16
FEDERAL	FX39B	170	15.5	48
CURRY	1480	169	15.5	24
DEKALB-PFIZER	DK608	169	14.0	48
RENZE	6352	168	15.4	24
WILSON	1670	168	14.3	40
KRUGER	K811A	168	16.6	16
-----	NEBR. 611	168	14.5	56
TERRA	TR 1060	167	14.9	24
HORIZON	7115	167	15.6	24
OHLDE	220	167	14.5	32
SUPER CROST	4386	167	15.6	16
SUPER CROST	4366	165	15.0	36
FONTANELLE	4280	164	15.6	24
FUNK'S	G-4495	163	15.6	28
TRIUMPH	1040	162	14.3	40
DEKALB-PFIZER	DK636 #	161	15.8	20
EK PREMIUM	EK8805	161	15.4	48
ORO	100	160	14.3	28
PFISTER	2250	156	13.3	24
PAYCO SEEDS	748	154	13.8	36
PIONEER	3475	150	13.8	20
S BRAND	SS-60C	146	15.1	20
PRAIRIE STREAM	SX311	139	14.9	12
EK PREMIUM	EK8805A	120	13.5	72
AVERAGE ALL ENTRIES		186	15.5	33
DIF. REQ. FOR SIG.	5%	22.2	0.9	28
	25%	13.0	0.5	16

= Widely grown hybrids entered by Agronomy Department

Table 3B. South Central Irrigated, 1987-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	STALK ROT PCT
PIONEER	3168	212	19.4	1	0	12
WILSON	2100	210	18.6	3	0	19
HORIZON	717	210	17.7	4	0	10
TERRA	TR 1120	208	18.7	2	0	12
HORIZON	5117	207	18.1	5	1	26
JACOBSEN	JS488	207	18.9	4	0	15
FONTANELLE	5230	206	18.6	1	0	12
SUPERIOR	SP 6022	206	18.1	3	0	11
OHLE	230	205	18.4	3	0	10
PFISTER	3380	205	18.7	2	0	17
MCCURDY	7372	203	18.8	6	0	23
PRAIRIE STREAM	SX702	202	18.2	6	1	27
CURRY	1490	202	18.6	3	1	24
SUPER CROST	5415	202	18.4	3	0	21
TRIUMPH	2020	202	18.7	5	0	17
TRIUMPH	1595	202	18.3	4	0	22
DAHLGREN	DC-545	201	17.7	3	1	9
GOLDEN ACRES	T-E 6994	201	17.8	5	0	25
SUPERIOR	SP 6884	200	18.2	2	0	9
TRI VALLEY	115	200	18.6	4	0	18
KRUGER	K8112	200	18.1	2	0	26
JACQUES	8210	199	19.3	7	1	18
BO-JAC	602	199	18.4	4	1	13
FONTANELLE	6235	199	18.4	2	0	12
FUNK'S	G-4513	199	18.2	3	0	15
CARGILL	7877	199	16.9	3	0	16
S BRAND	SS-62B	199	17.5	3	0	12
S BRAND	SS-63B	199	17.8	3	1	19
ASGROW/O'S GOLD	RX788	198	18.2	2	0	18
AGRIGENE	AG 7400	198	18.3	3	0	12
CARGILL	7993	198	18.4	2	0	19
DAHLGREN	DC-555	198	18.9	5	1	21
OHLE	224	196	18.5	3	1	15
PIONEER	3377	196	16.4	6	1	21
TERRA	TR 3400	196	18.6	4	1	20
SEEDTEC	ST-7680	195	18.1	3	0	11
CROW'S	488	195	16.0	3	0	31
GOLDEN ACRES	T-E 6988	194	18.1	4	0	20
EK PREMIUM	EK9900	194	20.6	4	1	27
MCCURDY	7384	193	18.0	4	0	17
HAWKEYE	SX56	191	18.1	3	1	11
GOLDEN ACRES	T-E 6951	190	18.4	2	0	12
CURRY	1479	189	16.0	2	0	19
SEEDTEC	ST-915	189	17.5	6	1	21
JACQUES	7950	188	18.6	7	0	33
EK PREMIUM	EK7796	188	18.1	4	0	16
BO-JAC	603	188	18.2	3	0	21
WILSON	1700	188	18.4	5	0	9
HORIZON	871	187	18.4	4	0	22
GOLDEN ACRES	T-E 6996	185	20.4	10	1	22
BO-JAC	454	183	17.2	2	1	10
TERRA	TR 1060	177	16.0	6	0	9
CROW'S	482	177	15.3	4	1	24
SUPER CROST	4386	176	17.7	2	0	19
EK PREMIUM	EK8805	174	17.5	5	0	26
-----	NEBR. 611	172	16.5	4	0	23
CURRY	1480	170	17.2	4	0	18
TRIUMPH	1040	164	15.5	5	0	19
PIONEER	3475	161	15.7	1	1	13
EK PREMIUM	EK8805A	152	16.9	5	1	25
AVERAGE ALL ENTRIES		194	18.0	3.8	0.3	17.8
DIF. REQ. FOR SIG.	5% 25%	9.7 5.6	0.8 0.4	--	--	5.2 3.0

Table 3C. South Central Irrigated, 1984-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	STALK ROT PCT
5 YEAR AVERAGE						
PFISTER	3380	208	19.3	5	2	23
WILSON	2100	207	18.9	7	2	25
SUPERIOR	SP 6022	206	18.6	7	1	16
TERRA	TR 1120	203	19.1	4	1	16
SUPERIOR	SP 6884	203	19.0	5	3	11
MCCURDY	7372	203	19.3	8	2	29
SUPER CROST	5415	202	18.9	7	1	23
TRIUMPH	1595	202	18.8	7	2	29
BO-JAC	602	202	19.0	6	1	20
TRIUMPH	2020	202	19.4	7	3	23
FONTANELLE	6235	201	18.8	6	2	19
HORIZON	5117	201	18.6	9	3	34
TRI VALLEY	115	201	19.1	7	2	30
FONTANELLE	5230	200	19.1	5	2	20
FUNK'S	G-4513	200	18.8	6	2	21
CROW'S	488	200	17.0	6	1	36
GOLDEN ACRES	T-E 6994	199	18.5	9	2	35
CURRY	1490	199	19.0	6	2	37
EK PREMIUM	EK9900	199	21.3	7	2	30
TERRA	TR 3400	198	19.1	6	3	30
GOLDEN ACRES	T-E 6988	196	18.7	10	2	36
PIONEER	3377	196	17.3	10	2	38
HORIZON	717	194	18.4	8	1	18
S BRAND	SS-63B	194	18.4	8	2	22
HAWKEYE	SX56	194	18.6	6	2	24
MCCURDY	7384	193	18.6	6	2	31
SEEDTEC	ST-915	193	18.7	6	2	34
BO-JAC	603	193	18.8	5	1	30
WILSON	1700	191	18.9	8	2	17
GOLDEN ACRES	T-E 6996	189	21.0	9	1	32
EK PREMIUM	EK7796	188	18.6	7	2	19
HORIZON	871	188	19.0	8	2	34
EK PREMIUM	EK8805	180	18.2	8	2	34
TERRA	TR 1060	176	17.0	8	1	11
-----	NEBR. 611	173	17.4	12	2	39
TRIUMPH	1040	168	16.5	7	2	30
EK PREMIUM	EK8805A	160	17.9	8	2	37
AVERAGE ALL ENTRIES		194.6	18.7	6.9	1.6	35.0
DIF. REQ. FOR SIG.	5% 25%	8.6 5.0	0.5 0.3	NS NS	NS NS	8.2 4.8

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	STALK ROT PCT
4 YEAR AVERAGE						
PFISTER	3380	208	19.7	5	1	33
WILSON	2100	206	18.8	7	1	37
SUPERIOR	SP 6022	205	18.7	6	1	31
CROW'S	488	203	17.2	8	1	47
TRIUMPH	1595	203	18.9	7	1	40
SUPER CROST	5415	202	19.0	7	1	36
FONTANELLE	5230	201	19.2	5	1	30
SUPERIOR	SP 6884	201	19.1	6	3	21
MCCURDY	7372	201	19.7	10	2	42
GOLDEN ACRES	T-E 6994	200	18.7	8	2	45
CURRY	1490	199	19.1	7	2	48
EK PREMIUM	EK9900	198	21.5	7	2	43
FUNK'S	G-4513	197	19.1	7	2	35
TERRA	TR 3400	196	19.1	7	2	42
HORIZON	717	196	18.6	7	1	34
BO-JAC	603	195	18.9	5	1	41
HAWKEYE	SX56	195	18.7	6	2	35
MCCURDY	7384	195	18.7	7	2	44
WILSON	1700	194	18.9	7	1	30
SEEDTEC	ST-915	193	18.8	7	2	46
GOLDEN ACRES	T-E 6996	192	21.0	9	1	43
HORIZON	871	191	19.1	7	2	46
EK PREMIUM	EK7796	190	18.8	7	1	33
EK PREMIUM	EK8805	184	18.6	7	2	45
-----	NEBR. 611	172	17.7	14	2	48
EK PREMIUM	EK8805A	170	18.3	8	2	48
AVERAGE ALL ENTRIES		195.6	19.0	7.2	1.6	45.8
DIF. REQ. FOR SIG.	5% 25%	7.5 4.4	0.4 0.2	1.5 0.9	NS NS	7.0 4.1
5 YEAR AVERAGE						
PFISTER	3380	205	20.3	6	1	35
CROW'S	488	201	17.6	9	1	47
MCCURDY	7372	198	20.3	10	2	46
FONTANELLE	5230	196	19.7	5	1	33
HORIZON	717	195	19.4	6	1	38
EK PREMIUM	EK9900	194	22.1	7	1	43
CURRY	1490	194	19.9	7	2	50
BO-JAC	603	193	19.5	5	1	43
WILSON	1700	193	19.7	6	1	33
MCCURDY	7384	193	19.5	7	1	46
HAWKEYE	SX56	192	19.5	6	2	37
GOLDEN ACRES	T-E 6996	190	21.4	8	1	44
EK PREMIUM	EK7796	187	19.4	7	1	36
EK PREMIUM	EK8805	183	19.3	7	1	46
-----	NEBR. 611	170	18.5	13	1	48
AVERAGE ALL ENTRIES		192.2	19.7	7.1	1.2	46.8
DIF. REQ. FOR SIG.	5% 25%	5.5 3.2	0.4 0.2	1.5 0.8	NS 0.2	6.4 3.8

Table 4A. Zone III Northeast Nonirrigated. Dixon County. 1988

Brand	Hybrid	Yield BU/A	Moisture PCT	Broken PCT	Dropped PCT
DAHLGREN	DC-545	98	18.0	1	0
SUPERIOR	SP 5527	96	16.3	0	0
WILSON	1670	95	16.8	2	0
HORIZON	717	95	17.9	1	0
FONTANELLE	5230	95	18.0	1	0
RENZE	6412	94	19.3	2	0
CROW'S	482	94	16.8	2	0
S BRAND	SS-54A	94	16.4	0	0
CARGILL	7993	93	18.4	1	1
TERRA	TR 1120	93	17.5	1	0
JACOBSEN	JS45	92	16.7	1	0
CUSTOM FARM SEED	W07053	92	16.6	0	1
ASGROW/O'S GOLD	RX746	92	16.9	0	0
LINCOLN SEED	5422	91	18.6	1	0
JACQUES	7770	91	17.7	0	1
NORTHROP KING	PX 9540	89	18.8	1	0
KALTENBERG	K7400	89	18.1	0	0
WILSON	1700	89	17.6	2	0
MCCURDY	6660	88	16.8	2	0
CARGILL	7877	88	17.3	1	0
HOEGEMEYER	SX2680	88	17.2	0	0
CURRY	1480	87	16.8	0	0
PIONEER	3377 ##	87	16.2	1	0
CUSTOM FARM SEED	7501	87	18.1	1	0
NORTHROP KING	PX 9527 ##	87	17.0	0	0
JACQUES	7820	87	18.4	1	0
SIGCO	1814	87	16.6	1	0
NORTHROP KING	N 6348	87	16.1	2	0
SUPER CROST	5415	86	18.1	2	0
ASGROW/O'S GOLD	RX759	86	16.3	1	0
SEEDTEC	ST-7529	85	17.0	0	0
FUNK'S	G-4495	85	16.1	0	0
TRI VALLEY	115	85	19.0	0	0
TRI VALLEY	114	85	16.0	0	0
TRIUMPH	6042	84	14.7	0	0
FUNK'S	G-4309	84	13.9	1	0
FUNK'S	G-4513	84	18.4	2	0
JACOBSEN	J382	84	16.5	0	0
PAYCO SEEDS	SX 925	84	17.4	1	0
HOEGEMEYER	SX2625	83	16.2	1	0
RENZE	6338	83	17.0	1	0
FONTANELLE	4280	83	16.0	1	0
FONTANELLE	4030	83	15.0	1	0
DAHLGREN	DC-535	82	15.0	0	0
CUSTOM FARM SEED	E96015	82	16.5	2	0
GREEN ACRES	3000	81	17.3	1	0
FUNK'S	G-4440 ##	81	15.8	1	0
SEEDTEC	ST-7750	81	18.1	0	0
GOLDEN HARVEST	H-2480 ##	81	14.1	3	0
SUPERIOR	SP 5908	81	16.1	0	0
DAHLGREN	DC-541	81	15.8	1	0
SUPERIOR	SP 5448	81	15.3	0	1
CONTISEED	8707	81	17.9	1	0
SEEDTEC	ST-7680	81	19.1	2	0
CARGILL	6227	80	17.0	0	0
S BRAND	SS-57A	80	15.7	0	1

Continued

Table 4A. Concluded.
Brand Hybrid Yield Moisture Broken Dropped
BU/A PCT PCT PCT

CARGILL	6927	79	16.8	0	0
TRI VALLEY	109	79	15.7	0	0
MCCURDY	5750	79	14.9	0	0
-----	NEBR. 611	79	17.2	2	0
PAYCO SEEDS	SX 900	79	18.4	1	0
EK PREMIUM	EK7785	79	16.4	0	0
TRIUMPH	1580	78	19.0	2	0
CROW'S	488	78	15.7	6	0
CURRY	1468	78	16.7	1	0
HORIZON	6101	78	15.1	0	1
TERRA	TR 1125	78	17.1	1	0
HORIZON	4111	78	14.9	2	0
KRUGER	K8112	78	18.2	1	0
PIONEER	3379	78	18.3	1	0
LYNKS SEEDS	DS432	77	17.2	1	0
FONTANELLE	4035	77	15.5	0	0
LYNKS SEEDS	LX4355	77	19.0	3	0
LINCOLN SEED	5433	77	17.3	1	0
PIONEER	3615	77	15.3	0	0
DAHLGREN	DC-527	77	15.9	1	0
DEKALB-PFIZER	T1100 ##	77	15.9	0	0
TERRA	TR 1040	77	15.5	1	1
JACOBSEN	JS47	77	16.1	3	0
HORIZON	7113	77	16.6	0	0
NORTHROP KING	7705	76	18.1	1	0
CONTISEED	8711	76	18.0	0	0
KRUGER	K8111A	75	16.7	0	0
KALTENBERG	K7500	74	17.2	0	0
WILSON	1640	74	16.3	0	1
CUSTOM FARM SEED	W97007	74	17.3	1	0
S BRAND	SS-60C	74	15.9	0	0
RENZE	6358	74	16.8	2	0
PAYCO SEEDS	SX 872	74	14.0	1	0
SUPER CROST	4386	74	15.3	0	1
EK PREMIUM	EK7740	74	15.1	1	0
CROW'S	210	73	15.5	0	0
EK PREMIUM	EK7732	73	15.9	1	0
NORTHROP KING	S 5340	73	15.5	1	0
JACQUES	7700	73	14.5	0	0
DEKALB-PFIZER	DK608	73	16.0	1	0
LINCOLN SEED	EX 105	72	15.2	1	1
CROW'S	442	72	15.9	2	0
PAYCO SEEDS	748	72	15.3	1	0
ASGROW/O'S GOLD	RX626	72	15.5	0	0
S BRAND	SS-44	72	16.3	2	0
SIGCO	1701	71	14.9	0	0
TERRA	TR 1060	71	15.2	1	0
HOEGEMEYER	SX2632	70	16.0	1	1
RENZE	6354	70	16.4	0	0
TRIUMPH	1040	69	14.8	0	1
MCCURDY	4925	68	14.9	0	0
EK PREMIUM	EK7780	67	15.7	0	0
PIONEER	3475 ##	67	14.3	0	0
GREEN ACRES	2179	60	17.3	4	1
GREEN ACRES	927	47	21.8	8	0

AVERAGE ALL ENTRIES 80 16.6 0.8 0.1

DIF. REQ. FOR SIG. 5% 15.0 1.5 1.8 NS
25% 8.8 0.9 1.0 NS

= Widely grown hybrids entered by Agronomy Department.

Table 4B. Northeast Nonirrigated. 1987-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT
2 YEAR AVERAGE					
PIONEER	3377	127	16.9	1	2
FONTANELLE	5230	123	18.1	1	1
DAHLGREN	DC-545	122	18.7	1	0
FUNK'S	G-4513	119	18.1	1	0
SUPERIOR	SP 5908	119	16.5	1	0
LINCOLN SEED	5422	118	18.5	1	1
TERRA	TR 1120	115	17.8	1	1
HOEGEMEYER	SX2680	115	17.5	1	1
HORIZON	717	115	18.2	1	1
WILSON	1700	115	18.3	1	0
SUPERIOR	SP 5527	115	16.4	1	1
KRUGER	K8112	114	17.9	1	0
S BRAND	SS-54A	114	16.1	1	1
TRI VALLEY	115	114	18.6	0	2
CARGILL	7993	114	18.4	1	1
NORTHROP KING	PX 9540	114	18.3	1	1
CUSTOM FARM SEED	SEED7501	113	18.0	1	1
FONTANELLE	4280	112	16.4	1	1
CROW'S	482	111	17.2	2	1
ASGROW/O'S GOLD	RX759	110	16.8	1	1
FUNK'S	G-4440	110	16.6	1	0
KALTENBERG	K7500	109	16.6	1	1
CURRY	1480	109	16.6	0	0
CROW'S	488	109	16.7	3	1
LYNKS SEEDS	LX4355	107	19.0	2	1
NORTHROP KING	PX 9527	107	16.9	0	1
-----	NEBR. 611	107	18.0	1	1
DAHLGREN	DC-541	107	15.8	1	0
SUPER CROST	5415	107	18.0	1	1
EK PREMIUM	EK7785	107	16.6	1	2
TRIUMPH	1580	107	19.1	1	0
LYNKS SEEDS	DS432	106	17.2	1	0
TRI VALLEY	109	106	15.6	1	2
S BRAND	SS-57A	105	16.0	0	2
WILSON	1640	105	16.2	1	1
HOEGEMEYER	SX2625	104	16.2	1	1
DEKALB-PFIZER	T1100	103	16.2	0	0
TERRA	TR 1040	102	16.0	1	2
HORIZON	4111	102	15.4	2	2
LINCOLN SEED	5433	102	17.5	1	0
MCCURDY	5750	102	16.3	1	2
HOEGEMEYER	SX2632	101	15.9	1	1
GOLDEN HARVEST	H-2480	101	14.2	2	4
EK PREMIUM	EK7740	100	15.9	1	2
DAHLGREN	DC-535	100	15.4	1	1
JACQUES	7700	100	15.3	0	1
TRIUMPH	1040	99	16.0	0	2
PIONEER	3475	98	14.7	1	4
CROW'S	442	98	16.0	1	2
EK PREMIUM	EK7732	97	15.9	1	1
PIONEER	3615	93	15.2	1	1
EK PREMIUM	EK7780	85	16.3	1	1
AVERAGE ALL ENTRIES		107.7	16.8	0.7	0.8
DIF. REQ. FOR SIG.	5%	7.4	0.6	NS	NS
	25%	4.4	0.3	NS	NS

Table 4C. Northeast Nonirrigated. 1984-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT
3 YEAR AVERAGE					
FONTANELLE	5230	134	19.0	1	0
TRI VALLEY	115	130	19.6	1	1
KRUGER	K8112	129	18.8	1	0
FUNK'S	G-4513	128	19.1	1	0
HORIZON	717	125	19.1	1	1
NORTHROP KING	PX 9540	125	19.0	1	1
WILSON	1700	125	19.1	1	0
CROW'S	488	125	17.6	3	1
TRIUMPH	1580	124	19.7	1	0
LYNKS SEEDS	LX4355	123	19.7	1	0
FONTANELLE	4280	123	17.6	1	0
TERRA	TR 1120	123	18.8	0	0
FUNK'S	G-4440	122	17.6	1	0
TRI VALLEY	109	120	17.0	1	1
-----	NEBR. 611	119	18.9	2	1
WILSON	1640	117	17.4	1	1
EK PREMIUM	EK7785	117	17.4	1	1
JACQUES	7700	116	16.6	1	1
HORIZON	4111	116	16.8	1	1
CROW'S	442	114	16.9	1	1
LINCOLN SEED	5433	114	18.5	1	0
TERRA	TR 1040	113	17.1	1	2
MCCURDY	5750	113	17.4	1	2
EK PREMIUM	EK7740	111	16.9	1	1
TRIUMPH	1040	110	17.1	1	1
EK PREMIUM	EK7732	107	16.8	1	1
EK PREMIUM	EK7780	101	17.6	1	1
AVERAGE ALL ENTRIES		119.4	18.0	1.1	0.7
DIF. REQ. FOR SIG.	5%	4.8	0.5	NS	NS
	25%	2.9	0.3	NS	0.3

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT
4 YEAR AVERAGE					
FONTANELLE	5230	135	19.0	1	0
CROW'S	488	134	17.6	2	1
WILSON	1700	131	19.1	1	0
FUNK'S	G-4440	129	17.6	1	0
TRIUMPH	1580	129	19.7	1	0
NORTHROP KING	PX 9540	128	19.0	1	1
HORIZON	717	128	19.1	1	1
LYNKS SEEDS	LX4355	126	19.7	1	1
EK PREMIUM	EK7785	126	17.4	1	1
-----	NEBR. 611	124	18.9	2	1
JACQUES	7700	123	16.6	1	1
MCCURDY	5750	121	17.4	1	1
EK PREMIUM	EK7740	118	16.9	1	1
EK PREMIUM	EK7732	113	16.8	1	1
EK PREMIUM	EK7780	110	17.6	1	1
AVERAGE ALL ENTRIES		125.0	18.2	0.9	0.5
DIF. REQ. FOR SIG.	5%	4.7	0.4	NS	NS
	25%	2.7	0.3	NS	NS

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT
5 YEAR AVERAGE					
CROW'S	488	137	18.3	2	1
WILSON	1700	133	19.7	1	0
FONTANELLE	5230	133	19.7	0	0
TRIUMPH	1580	129	20.2	0	0
FUNK'S	G-4440	128	18.1	1	0
HORIZON	717	128	19.7	1	0
LYNKS SEEDS	LX4355	127	20.4	1	0
EK PREMIUM	EK7785	127	18.2	1	1
-----	NEBR. 611	126	19.4	1	0
JACQUES	7700	126	16.9	1	1
EK PREMIUM	EK7740	121	17.6	1	1
EK PREMIUM	EK7732	113	17.4	1	1
EK PREMIUM	EK7780	111	17.8	1	0
AVERAGE ALL ENTRIES		126.2	18.7	0.8	0.4
DIF. REQ. FOR SIG.	5%	4.4	0.3	NS	NS
	25%	2.5	0.2	NS	NS

Table 5A. Zone III Northeast Irrigated. Cedar County. 1988

Brand	Hybrid	Yield BU/A	Moisture PCT	Broken PCT	Dropped PCT
LINCOLN SEED	5422	233	17.8	3	0
S BRAND	SS-54A	228	17.2	3	0
FONTANELLE	5230	225	17.9	1	0
CROW'S	488	222	17.4	1	2
CONTISEED	8707	220	18.0	1	0
RENZE	6412	219	17.9	1	1
FUNK'S	G-4513	218	18.1	2	0
RENZE	6358	216	17.9	5	0
TERRA	TR 1120	215	17.8	1	0
PAYCO SEEDS	SX 925	212	18.2	1	0
DAHLGREN	DC-545	211	18.5	2	0
PAYCO SEEDS	SX 900	211	18.2	2	0
HOEGEMEYER	SX2680	209	18.2	3	0
CARGILL	7993	208	18.2	3	0
LYNKS SEEDS	LX4355	208	18.5	2	1
WILSON	1700	207	18.6	2	0
PIONEER	3377 ##	207	17.5	2	0
HORIZON	717	207	18.7	2	1
NORTHRUP KING	PX 9540	206	18.3	1	0
CARGILL	7877	206	17.7	2	0
CUSTOM FARM SEED	W07053	206	18.4	2	0
KALTENBERG	K7400	206	18.8	2	0
TRI VALLEY	115	206	17.9	2	1
JACQUES	7820	205	17.5	2	0
CONTISEED	8711	205	18.0	2	0
SUPER CROST	5415	205	18.5	1	1
FUNK'S	G-4440 ##	205	16.7	1	1
SUPERIOR	SP 5908	204	17.7	5	0
-----	NEBR. 611	203	17.4	2	0
NORTHRUP KING	7705	203	18.0	2	1
JACQUES	7700	203	16.3	5	0
CUSTOM FARM SEED	7501	203	18.1	2	0
PIONEER	3475 ##	201	17.5	3	0
SEEDTEC	ST-7750	200	19.4	2	0
TRIUMPH	1580	200	18.4	3	1
LINCOLN SEED	5433	200	17.9	2	0
CUSTOM FARM SEED	E96015	200	18.0	1	0
PIONEER	3379	199	17.7	0	1
S BRAND	SS-57A	198	17.6	2	0
NORTHRUP KING	N 6348	197	16.1	5	0
DEKALB-PFIZER	DK608	197	17.4	2	0
KALTENBERG	K7500	197	18.2	2	0
HORIZON	7113	196	17.3	2	1
CARGILL	6927	196	18.3	0	0
WILSON	1640	196	17.4	2	0
CUSTOM FARM SEED	W97007	196	18.7	3	0
WILSON	1670	194	17.6	3	0
JACOBSEN	JS47	194	18.2	2	0
SEEDTEC	ST-7680	194	18.4	2	0
ASGROW/O'S GOLD	RX759	193	18.0	1	0
PAYCO SEEDS	SX 872	193	16.9	3	0
KRUGER	K8112	192	17.9	1	1
DAHLGREN	DC-535	192	16.1	2	0
SUPER CROST	4386	191	17.4	2	0
ASGROW/O'S GOLD	RX746	191	18.4	1	0
S BRAND	SS-44	191	16.8	1	1
DAHLGREN	DC-541	190	18.8	1	0
FUNK'S	G-4309	190	15.4	1	1

Continued

Table 5A. Concluded

Brand	Hybrid	Yield BU/A	Moisture PCT	Broken PCT	Dropped PCT
MCCURDY	5750	188	16.8	3	0
GOLDEN HARVEST	H-2480 ##	187	15.4	3	0
TRI VALLEY	114	187	17.0	1	1
TRIUMPH	1040	187	16.6	3	0
FUNK'S	G-4495	187	17.9	1	0
CURRY	1480	187	18.1	2	0
TERRA	TR 1125	187	18.2	1	0
DEKALB-PFIZER	T1100 ##	186	17.7	2	1
SIGCO	1814	185	18.1	1	0
CROW'S	482	185	17.9	3	0
EK PREMIUM	EK7740	185	16.1	1	1
CURRY	1468	185	17.3	1	0
TERRA	TR 1060	185	17.4	2	0
S BRAND	SS-60C	185	17.4	2	0
TERRA	TR 1040	185	17.0	2	1
NORTHRUP KING	S 5340	184	17.0	2	1
HOEGEMEYER	SX2632	183	18.3	1	0
RENZE	6354	182	18.8	2	0
KRUGER	K8111A	182	18.7	2	0
NORTHRUP KING	PX 9527 ##	182	17.7	3	0
JACOBSEN	JS45	181	18.2	3	0
CARGILL	6227	181	17.3	2	1
RENZE	6338	181	17.7	3	1
SUPERIOR	SP 5527	180	18.6	2	0
TRI VALLEY	109	180	16.1	2	1
EK PREMIUM	EK7780	180	17.3	3	0
LYNKS SEEDS	DS432	180	18.7	2	0
PAYCO SEEDS	748	180	16.4	2	0
FONTANELLE	4280	178	18.7	1	0
JACQUES	7770	177	17.8	1	0
HORIZON	4111	176	17.5	3	0
JACOBSEN	J382	175	17.6	2	0
CROW'S	442	173	18.1	1	0
LINCOLN SEED	EX 105	173	17.5	1	0
MCCURDY	6660	173	17.8	1	0
SUPERIOR	SP 5448	172	17.4	1	0
SEEDTEC	ST-7529	172	17.9	1	0
MCCURDY	4925	171	16.0	2	0
EK PREMIUM	EK7732	171	16.6	1	1
GREEN ACRES	3000	170	18.0	5	3
HOEGEMEYER	SX2625	170	16.9	4	0
TRIUMPH	6042	169	16.7	1	0
EK PREMIUM	EK7785	169	16.9	4	0
ASGROW/O'S GOLD	RX626	169	16.6	1	1
FONTANELLE	4030	168	15.8	3	0
FONTANELLE	4035	167	16.3	2	0
DAHLGREN	DC-527	165	16.7	1	0
GREEN ACRES	927	163	20.1	13	1
HORIZON	6101	162	17.0	3	0
PIONEER	3615	159	15.8	1	0
CROW'S	210	159	15.9	3	0
GREEN ACRES	2179	154	18.3	8	0
SIGCO	1701	154	16.2	3	0
AVERAGE ALL ENTRIES		191	17.6	2.2	0.3
DIF. REQ. FOR SIG.	5%	23.8	0.9	2.9	1.2
	25%	13.9	0.6	1.7	0.7

= Widely grown hybrids entered by Agronomy Department.

Table 5B. Northeast Irrigated. 1987-88.

BRAND	HYBRID	GRAIN	GRAIN	BROKEN	DROPPED
		YIELD	MOISTURE	PLANTS	EARS
		BU/A	PCT	PCT	PCT
2 YEAR AVERAGE					
LINCOLN SEED	5422	216	18.0	3	0
DAHLGREN	DC-545	206	19.0	2	0
FONTANELLE	5230	205	18.1	1	1
FUNK'S	G-4513	205	17.7	2	0
SUPERIOR	SP 5908	204	17.6	5	1
HOEGEMEYER	SX2680	203	18.1	2	0
NORTHROP KING	PX 9540	202	17.9	1	0
CROW'S	488	201	17.7	3	1
TERRA	TR 1120	201	18.0	1	0
TRI VALLEY	115	199	18.1	1	1
S BRAND	SS-54A	198	16.7	2	0
WILSON	1700	198	19.0	1	0
CARGILL	7993	197	18.0	2	0
PIONEER	3377	196	17.7	3	1
TRIUMPH	1580	196	18.9	2	1
HORIZON	717	194	17.9	2	1
SUPER CROST	5415	194	17.9	1	1
KRUGER	K8112	193	18.3	1	1
KALTENBERG	K7500	193	17.6	1	0
LYNKS SEEDS	LX4355	192	18.7	2	1
CUSTOM FARM SEED	7501	192	18.3	1	0
FUNK'S	G-4440	191	16.9	1	1
PIONEER	3475	191	16.6	2	0
JACQUES	7700	190	16.1	3	0
-----	NEBR. 611	189	17.7	3	0
NORTHROP KING	PX 9527	188	17.7	2	0
DEKALB-PFIZER	T1100	187	17.6	1	1
WILSON	1640	187	17.3	1	0
TERRA	TR 1040	187	17.2	2	1
S BRAND	SS-57A	184	17.2	1	0
CROW'S	482	184	17.9	3	0
SUPERIOR	SP 5527	182	18.2	2	0
ASGROW/O'S GOLD	RX759	181	18.0	1	0
DAHLGREN	DC-535	181	16.2	2	0
FONTANELLE	4280	180	18.3	1	0
LINCOLN SEED	5433	179	17.5	1	0
MCCURDY	5750	179	17.4	2	0
DAHLGREN	DC-541	179	17.9	1	0
CURRY	1480	178	17.6	1	0
EK PREMIUM	EK7740	178	16.2	2	1
TRI VALLEY	109	177	16.6	1	1
LYNKS SEEDS	DS432	177	18.2	1	0
GOLDEN HARVEST	H-2480	176	15.4	2	0
HOEGEMEYER	SX2632	176	17.6	1	0
TRIUMPH	1040	174	16.9	2	0
HOEGEMEYER	SX2625	174	17.0	2	0
EK PREMIUM	EK7785	172	16.6	3	0
HORIZON	4111	168	17.2	2	0
CROW'S	442	168	17.4	1	1
EK PREMIUM	EK7780	166	17.0	2	0
EK PREMIUM	EK7732	160	16.2	1	1
PIONEER	3615	151	15.9	1	0
AVERAGE ALL ENTRIES		186.7	17.5	1.5	0.2
DIF. REQ. FOR SIG.	5%	10.0	0.5	NS	NS
	25%	5.9	0.3	NS	NS

Table 5C. Northeast Irrigated. 1984-88.

BRAND	HYBRID	GRAIN	GRAIN	BROKEN	DROPPED
		YIELD	MOISTURE	PLANTS	EARS
		BU/A	PCT	PCT	PCT
3 YEAR AVERAGE					
CROW'S	488	193	17.8	2	1
FONTANELLE	5230	187	18.8	1	0
FUNK'S	G-4513	184	18.3	2	0
TRI VALLEY	115	182	18.7	1	1
TRIUMPH	1580	180	19.1	2	0
TERRA	TR 1120	179	18.6	1	0
NORTHROP KING	PX 9540	179	18.4	1	0
KRUGER	K8112	178	18.7	2	1
WILSON	1700	177	19.2	1	0
HORIZON	717	175	18.7	1	0
LYNKS SEEDS	LX4355	175	19.2	1	0
JACQUES	7700	174	16.7	2	0
MCCURDY	5750	173	17.7	2	0
LINCOLN SEED	5433	172	18.0	1	0
-----	NEBR. 611	171	18.3	2	0
FUNK'S	G-4440	171	17.5	1	1
TRI VALLEY	109	168	17.2	1	1
EK PREMIUM	EK7740	168	16.6	1	0
TERRA	TR 1040	166	17.5	2	0
WILSON	1640	164	17.6	1	0
TRIUMPH	1040	163	17.3	1	0
FONTANELLE	4280	161	18.6	1	0
EK PREMIUM	EK7785	160	17.2	2	0
HORIZON	4111	158	17.4	2	1
CROW'S	442	157	17.5	1	1
EK PREMIUM	EK7732	157	16.7	1	1
EK PREMIUM	EK7780	154	17.5	1	0
AVERAGE ALL ENTRIES		171.3	18.0	1.4	0.4
DIF. REQ. FOR SIG.	5%	9.6	0.4	NS	NS
	25%	5.6	0.2	NS	NS
4 YEAR AVERAGE					
CROW'S	488	192	19.0	2	1
FONTANELLE	5230	189	20.9	1	0
TRIUMPH	1580	186	21.6	2	0
NORTHROP KING	PX 9540	185	20.7	1	0
LYNKS SEEDS	LX4355	182	21.8	1	0
WILSON	1700	181	21.2	1	0
JACQUES	7700	181	18.4	2	0
HORIZON	717	179	21.0	1	0
MCCURDY	5750	179	19.0	2	0
FUNK'S	G-4440	177	19.7	1	1
EK PREMIUM	EK7740	174	18.2	1	0
-----	NEBR. 611	170	20.6	2	0
EK PREMIUM	EK7785	163	18.8	2	0
EK PREMIUM	EK7780	162	19.1	1	0
EK PREMIUM	EK7732	159	18.0	1	1
AVERAGE ALL ENTRIES		177.1	19.9	1.3	0.3
DIF. REQ. FOR SIG.	5%	8.0	0.7	NS	NS
	25%	4.6	0.4	NS	NS
5 YEAR AVERAGE					
CROW'S	488	187	19.7	3	1
LYNKS SEEDS	LX4355	183	22.6	1	0
TRIUMPH	1580	183	22.4	2	0
FONTANELLE	5230	183	21.6	1	0
WILSON	1700	182	21.8	1	0
JACQUES	7700	179	19.1	2	0
FUNK'S	G-4440	178	20.7	1	0
HORIZON	717	177	21.6	1	0
EK PREMIUM	EK7740	170	18.9	1	0
-----	NEBR. 611	164	21.6	5	0
EK PREMIUM	EK7780	162	19.8	1	0
EK PREMIUM	EK7785	162	19.6	3	0
EK PREMIUM	EK7732	158	18.5	1	0
AVERAGE ALL ENTRIES		174.6	20.6	1.7	0.3
DIF. REQ. FOR SIG.	5%	7.1	0.6	NS	NS
	25%	4.1	0.3	0.7	NS

Table 6A. Southwest Ecofallow. Lincoln County. 1988

Brand	Hybrid	Yield BU/A	Moisture PCT	Broken PCT	Dropped PCT
HAWKEYE	SX56	134	17.8	0	0
WILSON	1640	127	15.5	0	0
MCCURDY	6660	126	15.2	1	1
NORTHROP KING	S 7751	125	17.9	1	0
WILSON	1670	121	18.6	1	1
HORIZON	7113	120	15.4	0	0
MCCURDY	7372	118	19.4	3	1
BO-JAC	601	117	18.8	1	1
HAWKEYE	SX32	116	16.6	0	0
CARGILL	7993	115	17.7	1	0
CARGILL	6927	112	15.4	0	0
-----	NEBR. 611	110	17.6	1	0
HORIZON	7115	109	15.3	0	0
EK PREMIUM	EK809	108	18.7	0	0
FUNK'S	G-4340	107	15.1	1	0
DEKALB-PFIZER	DK572	107	15.4	1	0
FUNK'S	G-4425	105	16.2	0	0
PIONEER	3475	103	13.3	0	0
MCCURDY	5750	100	15.7	2	0
PIONEER	3585	97	12.4	1	0
LYNKS SEEDS	LX4084	97	13.3	1	1
NORTHROP KING	S 5340	96	15.7	0	0
PIONEER	3569	95	12.7	0	1
FUNK'S	G-4309	93	13.0	0	1
FUNK'S	G-4326	88	15.7	0	0
AVERAGE ALL ENTRIES		110	15.9	0.6	0.2
DIF. REQ. FOR SIG.	5%	17.1	0.9	2.0	1.1
	25%	10.0	0.5	1.2	0.6

Table 6B. Southwest Ecofallow. 1984-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	STALK ROT PCT
<u>2 YEAR AVERAGE</u>						
HAWKEYE	SX56	99	16.0	1	2	0
WILSON	1640	93	13.6	0	0	0
MCCURDY	7372	91	16.7	4	2	0
-----	NEBR. 611	84	15.5	1	0	0
FUNK'S	G-4340	78	13.3	1	0	0
EK PREMIUM	EK809	75	15.5	4	5	0
MCCURDY	5750	74	13.6	2	0	0
FUNK'S	G-4326	72	13.8	0	1	0
PIONEER	3475	70	12.2	1	2	0
PIONEER	3569	69	12.3	0	1	0
AVERAGE ALL ENTRIES		80.4	14.2	1.3	1.2	--
DIF. REQ. FOR SIG.	5%	8.8	1.2	NS	NS	--
	25%	4.9	0.7	NS	NS	--
<u>3 YEAR AVERAGE</u>						
HAWKEYE	SX56	96	20.4	1	1	53
WILSON	1640	92	17.2	0	0	50
FUNK'S	G-4340	84	15.2	1	0	49
-----	NEBR. 611	80	20.7	7	0	51
FUNK'S	G-4326	77	17.8	1	1	53
AVERAGE ALL ENTRIES		85.8	18.3	1.9	0.3	50.8
DIF. REQ. FOR SIG.	5%	NS	NS	NS	NS	NS
	25%	NS	1.1	NS	NS	NS
<u>4 YEAR AVERAGE</u>						
FUNK'S	G-4340	85	15.2	1	0	49
FUNK'S	G-4326	79	16.9	1	1	53
-----	NEBR. 611	76	21.5	6	0	51
AVERAGE ALL ENTRIES		79.8	17.8	2.3	0.2	50.7
DIF. REQ. FOR SIG.	5%	NS	NS	NS	NS	NS
	25%	NS	1.3	NS	NS	NS
<u>5 YEAR AVERAGE</u>						
-----	NEBR. 611	72	22.9	5	0	68

Table 7A. West Central Irrigated. Lincoln County. 1988

Brand	Hybrid	Yield	Moisture	Broken	Dropped
		BU/A	PCT	PCT	PCT
HORIZON	5117	220	23.7	2	0
DAHLGREN	DC-545	216	20.5	1	0
SUPER CROST	4877	213	20.1	4	0
JACQUES	7820	212	21.1	2	0
NORTHROP KING	S 7759	206	23.4	3	0
PIONEER	3377	206	19.0	8	1
DAHLGREN	DC-555	205	23.3	2	0
CROW'S	647	203	23.2	7	0
JACQUES	8210	203	24.6	1	0
ASGROW/O'S GOLD	2545	203	21.5	4	0
PAYCO SEEDS	SX 900	202	22.5	4	1
CROW'S	682	202	23.0	6	0
MCCURDY	7372	201	21.9	2	0
NORTHROP KING	7705	200	21.4	3	0
CONTISEED	8707	200	22.0	2	0
BO-JAC	603	200	20.2	6	0
HORIZON	717	199	20.3	1	0
HORIZON	871	199	22.9	5	0
HAWKEYE	SX32	197	19.6	1	1
TRIUMPH	1595	196	22.4	4	0
TRIUMPH	1580	196	22.5	2	0
AGRIGENE	AG 7400	194	20.2	2	0
JACQUES	7950	193	22.8	5	0
WILSON	1700	193	19.6	1	0
FONTANELLE	5230	193	21.5	2	0
S BRAND	SS-62B	191	19.4	1	0
CARGILL	7993	191	20.6	3	0
DEKALB-PFIZER	DK608	191	19.2	2	1
TERRA	TR 3400	191	23.0	5	0
PFISTER	3380	190	22.9	2	0
ASGROW/O'S GOLD	RX759	189	20.4	2	0
SEEDTEC	ST-7750	189	25.2	0	0
JACOBSEN	JS58	188	19.3	2	0
HAWKEYE	SX57	187	20.5	2	0
MCCURDY	6660	187	20.6	1	0
FONTANELLE	6235	186	19.8	6	1
CURRY	1479	186	18.3	4	0
JACOBSEN	JS48B	186	22.2	3	0
S BRAND	SS-63B	184	20.7	2	0
SUPER CROST	5415	184	21.8	4	0
CARGILL	SX352	184	21.9	1	0

Continued

Table 7A. Concluded

Brand	Hybrid	Yield	Moisture	Broken	Dropped
		BU/A	PCT	PCT	PCT
DEKALB-PFIZER	DK636	183	21.3	2	0
HAWKEYE	SX56	182	20.9	4	1
S BRAND	SS-64D	182	23.2	0	1
SUPER CROST	5460	182	21.6	1	0
SEEDTEC	ST-7680	182	20.5	3	0
S BRAND	SS-60C	181	19.6	1	0
WILSON	1670	181	19.1	4	0
SEEDTEC	ST-7625	179	22.1	1	0
BO-JAC	5204	178	19.5	2	0
DAHLGREN	DC-541	178	19.6	2	0
ASGROW/O'S GOLD	RX788	177	41.4	0	0
BO-JAC	602	176	19.9	2	0
EK PREMIUM	EK7796	174	19.7	3	0
TERRA	TR 1120	173	21.1	1	0
CROW'S	488	173	18.7	4	0
-----	NEBR. 611	172	22.4	8	0
PAYCO SEEDS	SX 925	172	19.7	1	0
TERRA	TR 1125	170	20.9	2	0
CROW'S	482	169	18.4	8	0
CARGILL	7877	167	19.5	2	1
SUPER CROST	4386	165	18.9	2	0
FONTANELLE	4280	164	21.5	1	0
EK PREMIUM	EK8805	164	18.8	3	1
HORIZON	7113	162	19.1	4	0
MCCURDY	5750	160	17.5	3	0
PAYCO SEEDS	SX 872	159	17.5	3	0
BO-JAC	454	155	21.1	1	0
LYNKS SEEDS	DS432	155	20.9	2	0
PIONEER	3379	154	20.2	1	0
PAYCO SEEDS	748	154	18.4	3	1
DEKALB-PFIZER	DK572	150	17.0	1	0
JACOBSEN	JS49A	148	18.0	7	1
TERRA	TR 1040	148	17.9	4	0
PIONEER	3569	146	14.6	2	0
EK PREMIUM	EK7796C	137	18.2	3	2
EK PREMIUM	EK8805A	132	18.3	5	2
PIONEER	3475	124	17.7	3	1
CURRY	1464	120	16.6	0	0
AVERAGE ALL ENTRIES		181	20.8	2.7	0.2
DIF. REQ. FOR SIG.	5%	28.9	6.6	4.0	1.0
	25%	17.0	3.9	2.3	0.6

Table 7B. West Central Irrigated. 1987-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	STALK ROT PCT
2 YEAR AVERAGE						
MCCURDY	7372	221	18.0	2	1	0
PIONEER	3377	220	15.9	5	1	0
JACQUES	7820	217	17.2	3	0	0
JACQUES	8210	214	19.8	3	0	0
AGRIGENE	AG 7400	212	16.7	2	0	0
DAHLGREN	DC-545	210	16.6	3	0	0
HORIZON	871	208	18.4	4	0	0
FONTANELLE	5230	208	17.5	2	1	0
TRIUMPH	1580	206	18.1	3	0	0
JACQUES	7950	206	18.2	5	1	0
BO-JAC	603	205	16.9	4	0	0
FONTANELLE	6235	205	16.2	4	1	0
DAHLGREN	DC-555	204	18.7	2	0	0
WILSON	1700	203	16.5	2	0	0
S BRAND	SS-63B	203	17.0	3	0	0
SEEDTEC	ST-7680	201	16.8	4	1	0
SUPER CROST	5460	200	17.2	1	0	0
SUPER CROST	5415	198	17.3	4	0	0
HAWKEYE	SX56	198	17.1	4	1	0
CARGILL	7993	197	16.9	2	0	0
BO-JAC	602	197	16.5	2	0	0
TRIUMPH	1595	196	17.7	4	0	0
TERRA	TR 1120	195	17.4	1	0	0
CARGILL	SX352	195	17.5	1	0	0
SEEDTEC	ST-7625	193	17.4	3	1	0
CROW'S	488	190	15.6	4	1	0
CROW'S	482	190	14.9	6	0	0
-----	NEBR. 611	190	17.7	7	0	0
EK PREMIUM	EK7796	190	16.4	5	0	0
ASGROW/O'S GOLD	RX759	186	16.7	3	1	0
DAHLGREN	DC-541	183	16.3	2	0	0
CARGILL	7877	176	16.2	2	1	0
EK PREMIUM	EK8805	176	16.0	4	1	0
FONTANELLE	4280	174	17.2	2	0	0
EK PREMIUM	EK7796C	172	15.8	3	2	0
BO-JAC	454	170	17.0	2	0	0
EK PREMIUM	EK8805A	170	15.6	4	1	0
LYNKS SEEDS	DS432	168	17.3	2	0	0
MCCURDY	5750	164	14.2	2	1	0
PIONEER	3569	148	12.5	2	0	0
PIONEER	3475	140	14.5	2	1	0
AVERAGE ALL ENTRIES		192.5	16.7	2.7	0.3	--
DIF. REQ. FOR SIG.	5%	12.5	5.7	NS	NS	--
	25%	7.3	3.3	0.9	0.3	--

Table 7C. West Central Irrigated. 1984-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT
3 YEAR AVERAGE					
MCCURDY	7372	212	17.9	4	2
JACQUES	7820	208	17.0	3	0
FONTANELLE	6235	206	16.7	5	1
BO-JAC	603	200	17.0	6	1
FONTANELLE	5230	199	17.3	3	1
TRIUMPH	1580	199	17.9	4	1
HORIZON	871	198	18.0	5	0
HAWKEYE	SX56	198	17.2	6	1
CROW'S	488	194	15.4	7	1
CARGILL	SX352	193	17.2	4	2
BO-JAC	602	193	16.9	4	1
WILSON	1700	193	16.7	4	1
TRIUMPH	1595	190	17.5	5	0
-----	NEBR. 611	188	17.6	9	2
EK PREMIUM	EK7796	181	16.7	4	1
EK PREMIUM	EK8805	177	16.2	7	1
EK PREMIUM	EK8805A	173	16.1	6	2
MCCURDY	5750	159	14.6	4	1
AVERAGE ALL ENTRIES		192.2	16.9	5.0	1.0
DIF. REQ. FOR SIG.	5%	9.9	0.7	1.5	NS
	25%	5.7	0.4	0.9	NS
4 YEAR AVERAGE					
MCCURDY	7372	209	17.6	9	2
JACQUES	7820	206	16.4	5	0
BO-JAC	603	203	16.5	6	1
FONTANELLE	5230	202	16.8	3	1
TRIUMPH	1580	202	17.2	6	1
HORIZON	871	198	17.1	7	0
CARGILL	SX352	197	16.9	5	1
WILSON	1700	196	16.2	4	1
TRIUMPH	1595	196	16.7	6	0
CROW'S	488	193	14.9	10	1
-----	NEBR. 611	185	17.0	10	2
EK PREMIUM	EK7796	185	16.3	5	1
EK PREMIUM	EK8805	183	15.9	8	1
EK PREMIUM	EK8805A	178	16.0	6	2
AVERAGE ALL ENTRIES		195.1	16.5	6.1	0.9
DIF. REQ. FOR SIG.	5%	8.7	0.6	NS	NS
	25%	5.0	0.3	1.3	0.6
5 YEAR AVERAGE					
MCCURDY	7372	209	18.5	10	2
BO-JAC	603	206	17.2	6	1
TRIUMPH	1580	204	18.0	7	1
FONTANELLE	5230	200	17.4	5	1
WILSON	1700	200	17.0	5	1
CARGILL	SX352	197	17.7	7	1
EK PREMIUM	EK8805	191	17.0	7	1
EK PREMIUM	EK7796	191	17.0	5	0
-----	NEBR. 611	183	17.7	10	1
AVERAGE ALL ENTRIES		197.8	17.5	6.8	1.1
DIF. REQ. FOR SIG.	5%	7.2	0.4	NS	NS
	25%	4.1	0.2	1.3	0.3

Table 8A. Zone IV. West Irrigated. Two tests. Scotts Bluff & Box Butte Counties. 1988.

BRAND	HYBRID	Yield			1988 AVERAGE		
		Average BU/A	ScBf BU/A	BxBt BU/A	Moisture PCT	Bushel Weight	Plant Height
GOLDEN HARVEST	H-2344	210	230	190	19.6	57.7	87
SIGCO	1701	209	230	187	22.9	58.5	80
TRIUMPH	1040	209	215	202	25.4	58.0	92
CARGILL	5157	206	216	195	23.0	58.6	92
WILSON	1500B	206	217	194	25.2	58.0	94
PAYCO SEEDS	648	206	223	189	22.8	58.3	84
SEEDTEC	ST-7680	204	206	202	28.2	55.9	97
CONTISEED	8707	202	228	176	29.6	54.1	103
CARGILL	6227	201	228	174	27.4	56.2	97
BO-JAC	1250	201	208	193	23.9	55.3	86
MCCURDY	4945	200	224	176	24.0	57.9	86
GOLDEN HARVEST	H-2343	199	224	173	19.2	58.6	87
WILSON	EXP 583	198	210	186	25.1	57.6	84
FUNK'S	G-4309	198	206	189	22.2	56.5	93
JACQUES	7700	196	198	193	25.0	58.4	90
FONTANELLE	4030	196	203	188	23.2	57.3	82
SEEDTEC	ST-7351	195	209	180	25.3	55.2	88
NORTHROP KING	S 4590	194	207	180	23.1	58.3	83
CARGILL	4227	193	209	176	24.0	57.9	80
SIGCO	1793	193	188	198	19.1	59.2	87
-----	FARM ENTRY 1	192	196	188	21.9	58.2	87
FONTANELLE	4035	191	224	157	23.7	55.2	83
NORTHROP KING	N 4350	191	214	167	21.7	57.4	82
MCCURDY	4925	191	205	176	24.0	56.8	89
NORTHROP KING	N 3624	190	186	194	17.9	57.1	86
EK PREMIUM	EK7740	190	212	167	25.8	57.3	89
JACOBSEN	JS42	189	208	169	22.6	58.8	85
MCCURDY	5750	189	194	183	25.2	58.0	93
CARGILL	5927	189	199	178	25.9	56.8	90
ASGROW/O'S GOLD	RX626	188	191	185	24.2	56.9	86
CONTISEED	8650	188	198	178	22.7	58.8	80
TRIUMPH	9640	188	211	164	23.3	58.2	80
GOLDEN HARVEST	EX-708	188	203	172	18.2	58.2	80
PIONEER	3779	185	201	169	17.8	59.5	84
SEEDTEC	ST-7446	185	196	174	24.5	57.3	90
EK PREMIUM	EK809	184	214	153	28.8	55.6	101
DEKALB-PFIZER	DK535	183	201	164	20.8	57.4	84
SEEDTEC	ST-7500	183	194	172	26.1	57.4	93
EK PREMIUM	EK7796B	183	200	166	29.1	55.4	95
BO-JAC	128	179	204	153	23.1	58.8	85
PAYCO SEEDS	SX 687	178	178	177	20.3	59.1	83
JACQUES	5700	177	194	160	24.8	57.2	82
DEKALB-PFIZER	DK464	176	185	166	20.1	59.2	89
PIONEER	3772	175	188	162	17.6	60.0	84
HORIZON	6101	173	196	149	23.5	57.7	83
ASGROW/O'S GOLD	RX578	173	175	171	24.1	57.3	94
JACQUES	4750	170	176	164	20.7	60.0	82
NORTHROP KING	PX 9292	164	172	156	20.4	60.2	82
LYNKS SEEDS	2198	163	184	142	15.4	60.2	84
EK PREMIUM	EK7785	159	168	149	26.0	55.9	88
PIONEER	3790	158	158	157	17.7	60.8	83
HORIZON	4090	153	155	151	16.1	59.3	88
BO-JAC	1381	150	150	149	20.7	59.2	84
-----	FARM ENTRY 2	150	149	150	16.4	59.3	79
DEKALB-PFIZER	DK415	144	150	137	16.5	58.7	88
AVERAGE ALL ENTRIES		186.1	198.3	173.2	22.6	57.8	87
DIF. REQ. FOR SIG.	5%	32.9	34.2	31.5	1.6	1.2	7.8
	25%	19.3	20.1	18.4	1.0	0.7	4.6

Table 8B. West Irrigated. 1984-88.

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	BUSHEL WEIGHT LBS	TASSEL DATE JULY	PLANT HEIGHT IN
		2 YEAR AVERAGE						
CARGILL	5157	179	23.3	0	0	56.1	13	94
TRIUMPH	1040	179	25.5	2	0	54.9	15	96
WILSON	1500B	179	24.9	0	0	55.4	15	96
-----	FARM ENTRY 1	173	22.0	1	0	55.7	13	92
MCCURDY	4945	172	23.4	6	0	55.9	15	90
FONTANELLE	4030	172	22.2	0	0	56.5	14	84
TRIUMPH	9640	172	21.3	6	0	56.9	14	82
MCCURDY	5750	171	25.7	2	0	55.2	15	97
FONTANELLE	4035	169	22.1	2	0	53.8	14	86
BO-JAC	1250	169	23.8	1	0	52.7	14	88
SEEDTEC	ST-7351	168	26.1	0	0	53.0	15	92
PIONEER	3779	166	17.3	1	0	58.4	13	90
JACQUES	7700	166	24.7	0	0	55.4	15	92
ASGROW/O'S GOLD	RX626	164	25.1	1	0	53.6	13	90
EK PREMIUM	EK7740	164	26.0	0	0	54.4	15	91
ASGROW/O'S GOLD	RX578	160	23.6	1	0	55.3	13	94
JACQUES	5700	159	23.5	2	0	55.6	14	85
HORIZON	6101	159	21.5	2	0	56.9	14	85
SEEDTEC	ST-7500	154	26.5	3	0	54.4	15	93
EK PREMIUM	EK7796B	154	30.7	1	0	52.9	15	99
BO-JAC	128	152	22.2	1	0	56.4	14	88
NORTHROP KING	PX 9292	151	20.4	0	0	57.9	13	86
EK PREMIUM	EK809	147	28.3	1	0	52.6	14	101
PIONEER	3790	142	18.0	4	0	59.2	13	86
HORIZON	4090	142	17.3	2	0	57.0	12	92
EK PREMIUM	EK7785	142	26.8	0	0	53.0	13	94
-----	FARM ENTRY 2	138	17.0	2	0	57.9	10	84
AVERAGE ALL ENTRIES		161.5	23.3	1.5	0	55.4	13.6	90.5
DIF. REQ. FOR SIG.	5%	10.3	1.4	NS	NS	1.1	NS	2.5
	25%	5.8	0.8	NS	NS	0.6	NS	1.4
3 YEAR AVERAGE								
TRIUMPH	1040	181	26.1	2	2	53.3	19	95
MCCURDY	5750	178	26.2	2	1	53.4	19	97
-----	FARM ENTRY 1	175	22.5	1	3	54.2	16	91
CARGILL	5157	174	24.0	0	2	54.7	17	92
MCCURDY	4945	173	23.3	6	2	54.6	19	90
FONTANELLE	4030	171	22.3	0	2	55.2	18	84
HORIZON	6101	165	22.1	2	2	55.3	18	85
EK PREMIUM	EK7740	164	26.1	0	2	52.8	20	92
NORTHROP KING	PX 9292	157	20.2	0	1	56.9	16	87
SEEDTEC	ST-7500	157	26.4	3	2	52.8	19	93
-----	FARM ENTRY 2	141	16.9	2	3	57.8	12	85
EK PREMIUM	EK7785	140	26.6	0	5	51.8	16	94
AVERAGE ALL ENTRIES		164.5	23.6	1.5	2.1	54.4	17.3	90.3
DIF. REQ. FOR SIG.	5%	7.6	0.8	NS	NS	1.0	1.7	1.9
	25%	4.3	0.5	NS	NS	0.5	1.0	1.1
4 YEAR AVERAGE								
MCCURDY	5750	174	28.3	3	1	51.6	22	97
-----	FARM ENTRY 1	171	24.0	2	2	52.4	18	91
MCCURDY	4945	167	25.6	6	1	52.4	21	90
EK PREMIUM	EK7740	156	28.7	2	1	50.9	22	92
-----	FARM ENTRY 2	150	17.0	3	2	56.5	14	85
EK PREMIUM	EK7785	136	29.0	2	3	50.0	18	94
AVERAGE ALL ENTRIES		159.1	25.4	2.7	1.7	52.3	19.2	91.3
DIF. REQ. FOR SIG.	5%	10.2	1.5	NS	NS	0.9	1.8	1.2
	25%	5.8	0.8	NS	NS	0.5	1.0	0.7
5 YEAR AVERAGE								
MCCURDY	5750	171	27.3	2	1	51.2	23	97
-----	FARM ENTRY 1	165	23.4	1	2	52.1	19	91
EK PREMIUM	EK7740	152	27.4	1	1	50.8	23	92
EK PREMIUM	EK7785	136	28.1	2	3	49.8	20	94
AVERAGE ALL ENTRIES		156.0	26.6	1.7	1.4	51.0	21.3	93.3
DIF. REQ. FOR SIG.	5%	6.0	0.8	NS	NS	0.3	1.1	1.2
	25%	3.3	0.5	NS	NS	0.2	0.6	0.7

Table 9A. Early Ecofallow. Two Tests. Lincoln and Cheyenne Counties. 1988.

Brand	Hybrid	Yield		1988 Average		1988 Average		1988 Average		1988 Average		1988 Average	
		Average	BU/A	BU/A	BU/A	BU/A	BU/A	BU/A	BU/A	BU/A	BU/A	BU/A	BU/A
CARGILL	5157	90	114	65	18.1	0	1	57.4	23	79			
SIGCO	1701	86	108	64	17.0	0	1	57.4	23	72			
HORIZON	6101	86	107	64	16.9	1	1	57.3	23	72			
DEKALB-PFIZER	DK524	84	113	55	17.1	1	2	56.9	22	86			
NORTHUP KING	N 4350	82	96	67	13.9	1	0	55.4	23	76			
NORTHUP KING	N 4545	81	101	61	16.3	0	0	54.6	21	81			
DEKALB-PFIZER	DK535	77	99	54	16.3	1	1	56.2	23	77			
SIGCO	1793	76	101	51	14.5	0	0	58.3	22	78			
PIONEER	3772	76	90	62	13.3	0	1	59.3	20	77			
WILSON	1094	75	99	50	14.6	0	0	58.2	21	78			
PIONEER	3779	69	80	57	13.6	0	2	58.5	21	76			
PIONEER	3902	68	80	55	12.7	1	0	59.5	20	69			
AVERAGE ALL ENTRIES		77.3	98.8	58.8	15.7	0.4	1.0	57.4	21.8	77.0			
DIF. REQ. FOR SIG.	5%	9.8	19.2	9.5	0.9	NS	NS	0.7	0.6	2.3			
	25%	5.7	11.2	5.5	0.5	NS	NS	0.4	0.3	1.3			

Plant height, bushel weight, and tassel date from Cheyenne County only.

Table 9B. Early Ecofallow. 1986-88

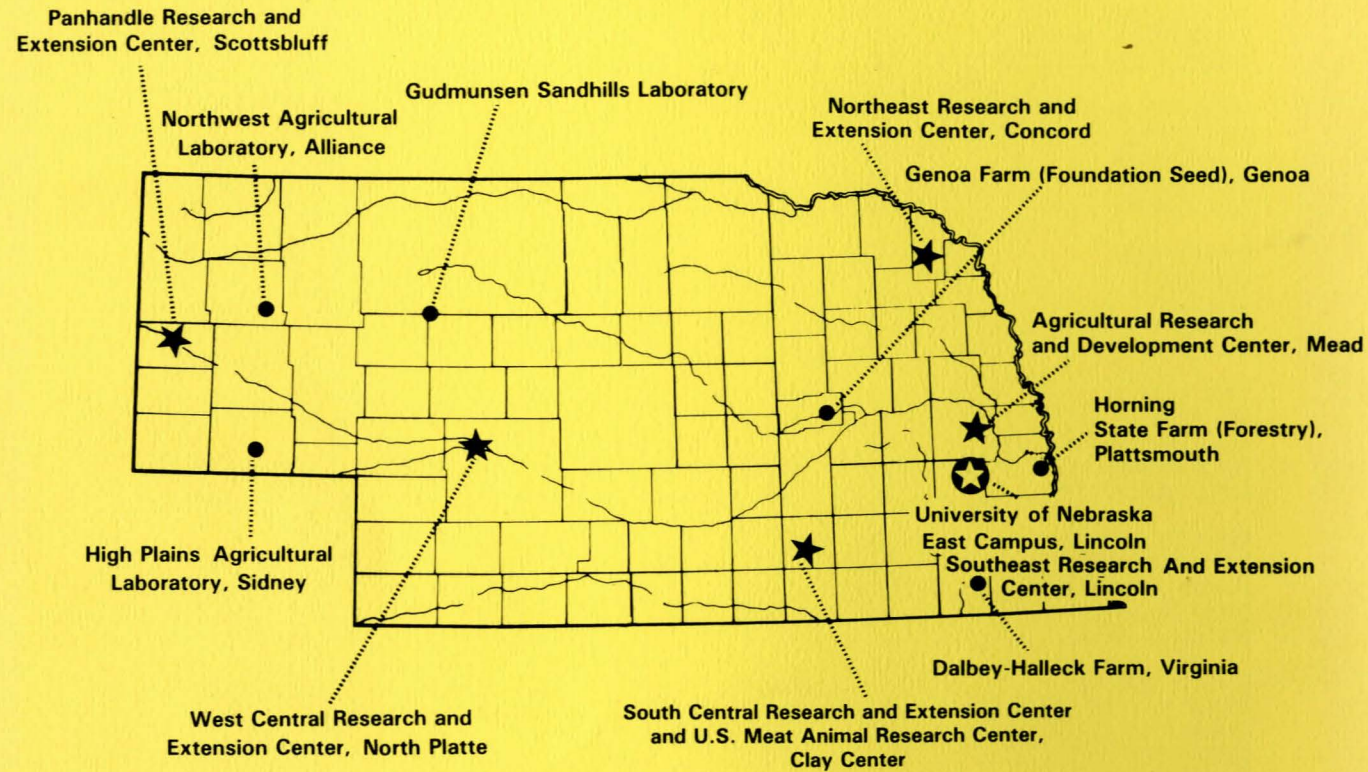
BRAND	HYBRID	GRAIN YIELD		GRAIN MOISTURE		BROKEN PLANTS		BROKEN DROPPED EARS		BUSHEL WEIGHT		TASSEL DATE		PLANT HEIGHT	
		BU/A	BU/A	PCT	PCT	PCT	PCT	PCT	PCT	LBS	LBS	JULY	JULY	IN	IN
CARGILL	5157	85	17.9	0	1	57.3	16	83							
HORIZON	6101	80	17.4	1	1	57.5	17	76							
AVERAGE ALL ENTRIES		82.1	17.6	0.3	0.8	57.4	17	79.3							
DIF. REQ. FOR SIG.	5%	NS	NS	NS	NS	NS	NS	2.2							
	25%	1.1	NS	NS	NS	NS	NS	0.4							
CARGILL	5157	85	19.5	1	1	57.6	18	82							
HORIZON	6101	82	18.5	1	0	57.4	19	75							
AVERAGE ALL ENTRIES		83.7	19.0	0.8	0.5	57.5	18.5	78.5							
DIF. REQ. FOR SIG.	5%	NS	NS	NS	NS	NS	NS	NS							
	25%	NS	0.3	NS	NS	NS	0.3	0.3							

85353

1988 early white food corn performance test, Clay Center,

ENTRY NAME	NO.	Yld bu/a	Stand %	Root L %	Stik L %	E Hgt in	Day Flwr	Moist %
Applied Genetics EXP AG8801	1	100.0	85.0	1.9	23.9	33.3	80.0	13.8
Applied Genetics EXP AG8817	2	117.0	80.1	0.5	11.2	37.3	80.0	12.7
Applied Genetics EXP AG8819	3	107.3	84.1	1.5	10.1	39.7	80.7	12.9
Bo-Jac 553W	4	138.1	91.9	1.3	8.4	52.7	86.7	15.1
Bo-Jac 555W	5	169.3	81.3	4.7	7.4	48.7	87.7	19.7
Bo-Jac 774W	6	127.8	89.0	22.8	2.2	55.7	89.7	18.9
Cargill EXP 76026	7	123.4	80.5	4.4	7.6	41.0	83.0	13.6
Dekalb-Pfizer 87-17W	8	136.2	72.0	7.2	9.6	42.7	82.7	14.3
Dekalb-Pfizer 88-11W	9	164.7	78.9	5.5	4.7	54.3	84.7	16.2
Dekalb-Pfizer EXP 765W	10	132.4	87.8	2.3	11.5	44.3	82.0	13.7
Dekalb-Pfizer EXP 775W	11	154.7	89.8	2.7	8.2	50.3	85.3	15.4
Funk 6058W	12	190.9	87.4	3.3	6.1	50.0	86.7	16.2
Funk G-4644W	13	148.7	89.0	4.6	11.5	52.7	87.3	18.1
Funk G-4664W	14	154.4	92.7	6.1	6.6	39.7	81.3	14.9
Funk G-4676W	15	159.0	100.4	2.5	8.5	44.7	84.3	15.4
Funk G-4679W	16	100.0	72.4	4.0	7.3	45.7	84.0	13.7
IFS1 84-2	17	122.6	87.0	4.8	12.7	44.7	83.3	13.4
IFS1 88-1	18	125.3	80.1	1.0	9.2	49.3	86.7	16.6
IFS1 88-2	19	143.1	85.0	6.3	7.2	50.0	85.7	15.3
IFS1 88-3	20	129.7	90.2	11.7	5.8	46.0	85.3	14.8
IFS1 88-4	21	134.5	85.4	2.3	10.1	48.7	85.0	14.6
NC+ 5313W	22	115.3	89.0	0.9	10.0	45.0	82.0	13.2
Noble Bear NB539W	23	170.1	102.8	2.8	3.5	34.7	82.7	15.5
Noble Bear NB563W	24	177.1	89.8	0.9	6.4	37.0	81.3	13.3
Noble Bear NB571W	25	164.2	82.1	0.5	4.1	34.7	81.3	13.3
Noble Bear NB710W	26	171.1	88.6	2.7	14.8	45.3	84.3	14.2
Noble Bear NB747W	27	182.3	83.7	2.5	8.7	39.0	82.0	15.1
Pioneer Brand 3283W	28	174.8	84.1	2.4	3.8	41.7	81.3	13.8
Dummy (drop)	29	93.6	36.2	0.9	4.0	42.0	80.0	13.7
SeedTec ST-7475W	30	118.0	82.1	2.9	8.4	47.0	82.0	13.7
SeedTec X181710	31	125.9	74.4	2.8	9.9	44.0	86.3	15.5
Sturdy Grow EXP 85-AE-506W	32	160.8	97.2	2.0	9.3	43.0	85.7	14.9
Sturdy Grow SG753W	33	126.8	102.4	4.2	7.4	42.7	84.3	13.9
Sturdy Grow SG778W	34	133.3	78.5	5.3	11.7	41.7	85.0	14.1
Sturdy Grow SG793W	35	140.8	86.2	2.8	4.9	41.7	84.3	14.4
Sturdy Grow SG903W	36	100.9	80.1	3.9	8.6	43.7	84.3	14.0
Sturdy Grow SG909W	37	136.2	78.9	2.5	11.6	53.0	88.7	14.5
Vineyard EXP 420W	38	177.3	84.1	0.5	7.8	37.7	85.0	14.7
Vineyard V415W	39	147.4	89.8	4.4	2.7	44.7	80.7	13.2
Vineyard V423W	40	155.4	101.2	4.0	9.5	45.3	84.3	15.7
Vineyard V424W	41	159.2	88.2	2.8	9.5	50.7	85.3	15.0
Vineyard V425W	42	129.9	92.7	5.7	9.3	44.3	82.0	14.7
Vineyard V52W	43	139.2	89.0	5.0	10.4	48.7	83.3	14.8
Whisland 51W	44	115.8	89.4	3.2	12.7	45.7	81.7	13.5
Whisland 58W	45	129.5	82.9	3.0	10.8	51.7	86.7	15.5
Whisland 72W	46	124.0	82.1	2.0	22.7	39.3	84.7	16.9
Whisland 73W	47	168.8	89.0	4.5	5.5	51.3	87.0	18.7
Whisland 75W	48	133.1	78.5	9.5	10.2	46.0	84.3	15.8
Whisland EXP 50W	49	125.1	91.9	4.5	12.1	46.7	82.0	13.4
Yellow check B73 x Mo17	50	199.2	82.9	2.5	10.8	48.7	84.7	14.5
Yellow check LH74 x LH63	51	142.7	96.7	4.9	3.2	41.3	80.0	13.1
Yellow check LHE136 x LH82	52	179.3	85.4	6.1	4.3	33.7	80.7	14.8
MEAN		142.2	85.6	3.9	8.8	44.7	83.8	14.8
Average all hybrids		142.4	85.6	3.9	8.8	44.7	83.8	14.8
Dif Req Sig .05		27.5	9.0	5.4	6.3	5.1	2.5	0.7
.25		16.0	5.2	3.1	3.6	2.9	1.4	0.4

AGRICULTURAL RESEARCH AND EXTENSION FOR ALL OF NEBRASKA



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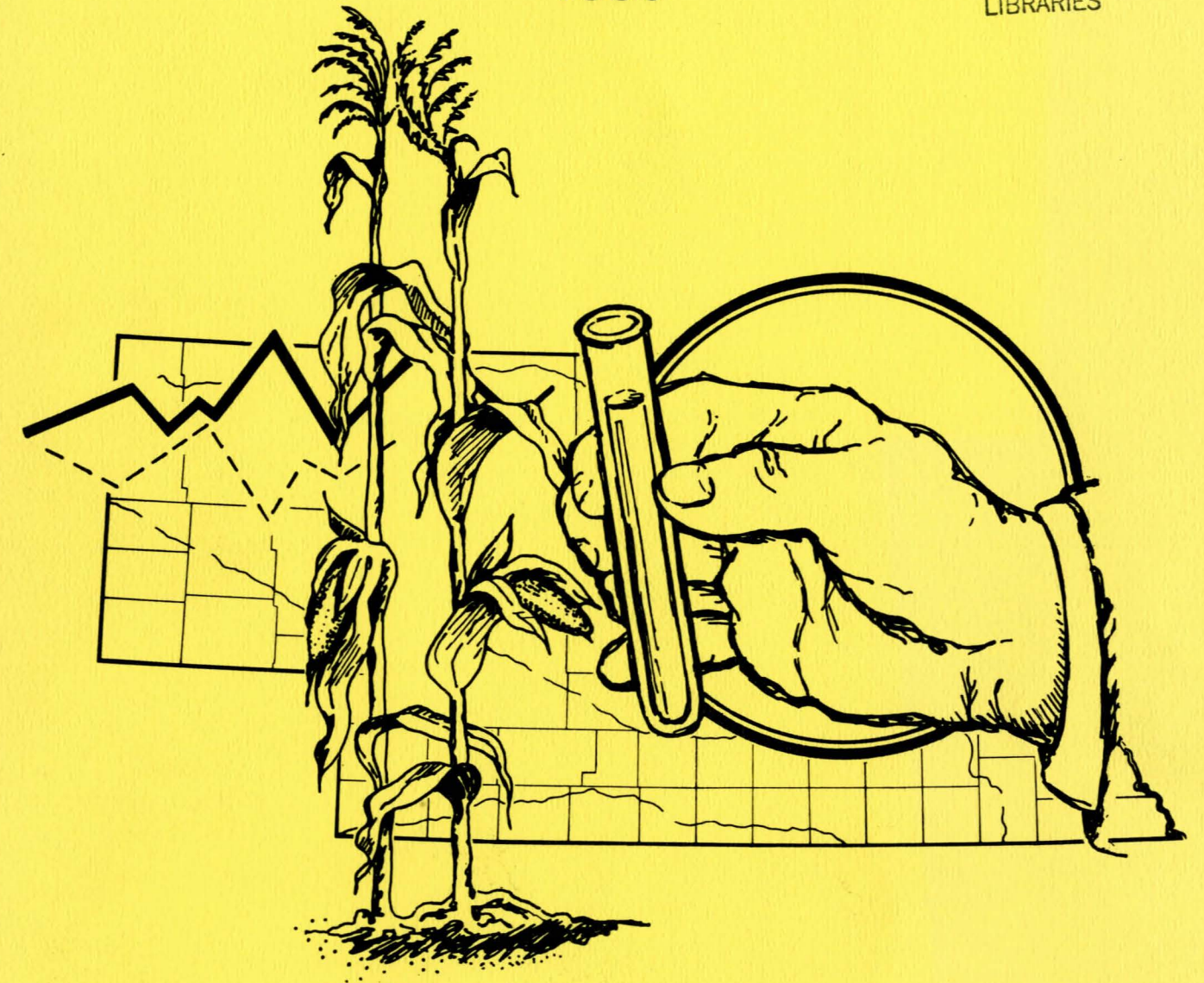
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NEBRASKA CORN HYBRID TESTS

1988

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