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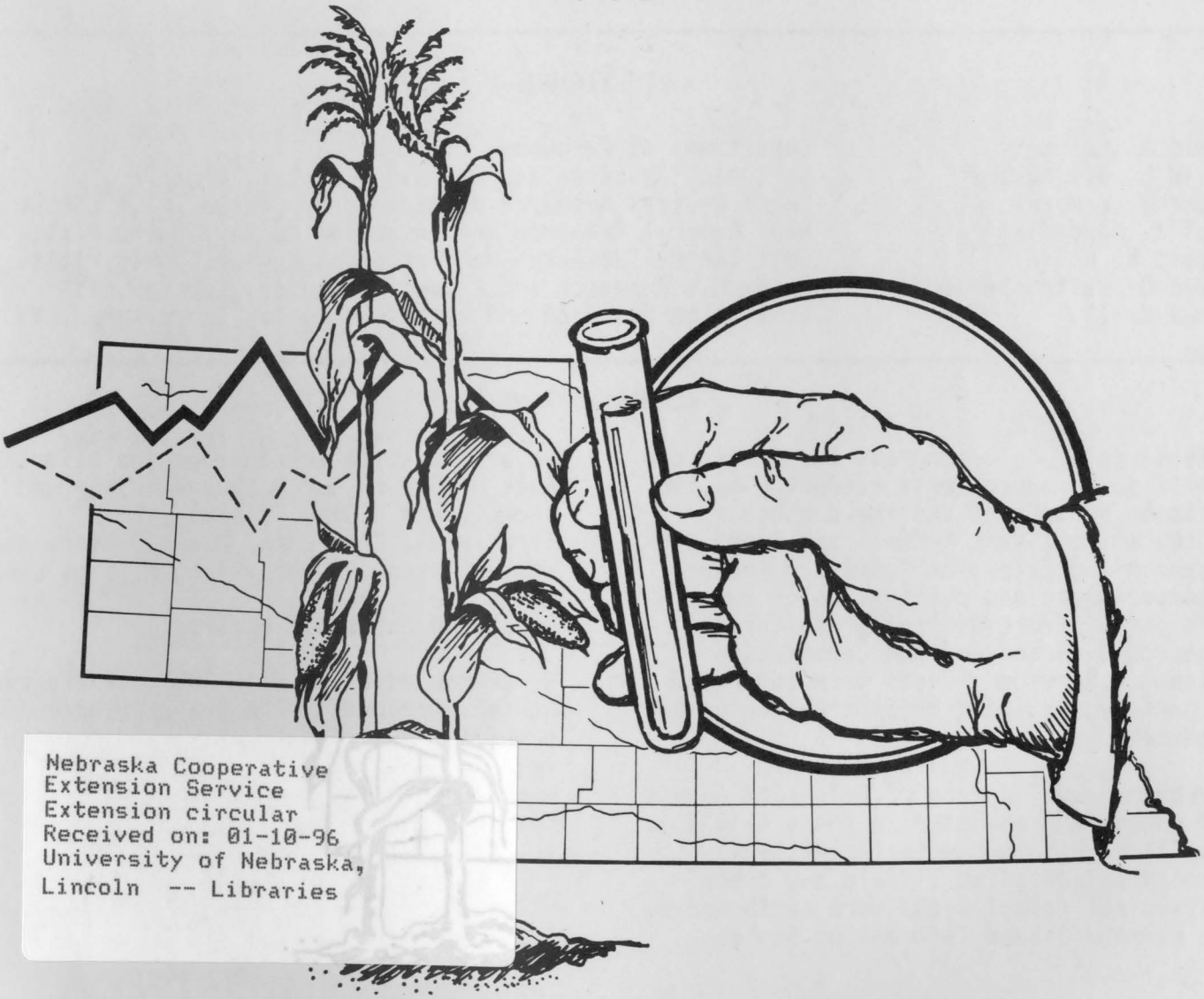
NEBRASKA CORN HYBRID TESTS 1995



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NEBRASKA CORN HYBRID TESTS

December 1995

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

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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)

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NEBRASKA CORN HYBRID TESTS

1995

Corn production as of November was forecast at 865,800,000 bushels at 111 bu/a. Irrigated corn was 130 bu/a below last years yields of 151 bu/a. Dryland corn production was 70 bu/a. Past corn yields are reported as followed (bu/a):

	1988	1989	1990	1991	1992	1993	1994	1995
State	124	120	130	127	132	108	138	111
Irrigated	146	142	148	150	144	117	151	130
Nonirrigated	73	67	89	77	107	91	112	70

Total acreage for harvest was 7,800,000 of which 5,375,000 was irrigated. Nonirrigated acreage was 2,425,000.

1995 Crop Production Summary

On May 8, wet, cool conditions continued to delay spring field work with corn only 5% planted. Last year 54% had been planted and 48% for the five year average. Temperatures averaged five to ten degrees below normal. By May 21, corn planting made excellent progress with 64% planted. This compares with 99% last year and 90% for the five-year average. Southeast counties were only 35% planted. Temperatures were one to four degrees below normal. By June 11, temperatures averaged from four degree to ten degrees below normal. Corn conditions were rated at 1% very poor, 12% poor, 51% fair, 35% good, and 1% excellent. Corn was 99% planted with 85% emerged state wide. By June 25, hot, dry weather conditions continued to improve rapid crop development. Corn conditions were 55% good to excellent, 40% fair, and 5% poor to very poor. By July 9, temperatures statewide were near normal to slightly above. Cultivation and chemical weed control continued. First generation corn borer in early planted east central fields, were high enough to justify treatment. By July 30, all corn conditions were rated at 3% very poor, 11% poor, 36% fair, 46% good, and 4% excellent. Average temperatures for the week were one to five degrees above average. Precipitation amounts ranging from zero up to over two inches. August 27, the week was very hot and humid with temperatures six to eleven degrees above normal. Corn conditions were rated 3% very poor, 10% poor, 36% fair, 46% good and 5% excellent. Crop was 64% in the dough stage or beyond compared with 99% last year and 85% average. Corn development was about 12 days behind normal. Treatment of fields for second generation corn borer and other pests continued. September 24, temperatures averaged ten to fourteen degrees below normal across state. Freezing temperatures Sept 21 ended the growing season and damaged late maturing crops. Corn was rated 3% very poor, 15% poor, 35% fair, 44% good, and 3% excellent. Irrigated corn conditions was rated 59% good or excellent while dryland corn rated 25% good or excellent. Maturity was rated at 30%, compared with 89% last year and the five-year average of 63%. Oct. 22, favorable weather conditions permitted rapid harvesting progress. Corn harvest was rated at 34% complete, compared with 54% last year and a five-year average of 50%. Corn stalk breakage was reported above the ear in

most fields. Dropped ears due to corn borer infestations and potential lodging from winds were reported.

Thirty two corn performance tests were planted in 1995. Test locations are shown on the map (page 13). Table A (page 14-15) consists of cooperators, dates of planting and harvesting.

Corn trials are conducted to provide yield and other information about corn hybrids which may be offered for sale in Nebraska. A fee from seed producers covers a portion of the cost of establishing each test. Entry was on a voluntary basis and hybrids were selected by seed producers. Entries are limited to five hybrids at each location in the eastern half and six hybrids in the western half. At the Southeast, South Central, Northeast, West Central Perkins county locations, widely grown hybrids were entered by the Agronomy Department.

Table B (page 16) shows the average performance of all hybrids at each test location. Individual plots are two rows wide and from 15 to 35 feet long. Some experiments were planted thick and later thinned to the desired stand. Each test location had a specific number of seed planted for all hybrids. The plant population represents the average harvested plant density. Performance of hybrids common to each area over a five-year period is shown in Table C (page 17). Temperature and rainfall data are shown on pages 55. The names of the entrants and their addresses are listed in Table D (page 18). Table E (page 19), lists brand name and hybrids of the entrant. The authors acknowledge the State Climate Program at the University of Nebraska-Lincoln for providing climate data and information used in this study.

Grain yields are expressed on a 15.5% moisture basis. Yields shown are averages of four or more replicated plots at each location. Plots were machine harvested and grain moisture determinations were made on each plot with an electronic moisture meter.

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 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 varied with seasonal conditions. Great care should be used interpreting the results of a single year test. Earlier maturing hybrids are favored in some seasons while later ones perform best in others. Some hybrids are able to withstand unfavorable weather conditions better than others which may do well under better growing conditions. Performance over a period of years should give a much better measure of adaptation. Harvest moisture, stalk strength, and resistance to insect and disease also are factors which must be considered in selecting hybrids.

Results

Relative hybrid performance often varies with locations within zones. Number of experiments conducted at each location in following zones were: Southeast Dryland-2, East Central Dryland-2, Southeast Irrigated-2, South Central-4, Northeast Dryland-1, Northeast Irrigated-1, Central Irrigated 2, Central Irrigated-White corn- 1, West Central Irrigated-2, West Central Pivot Irrigated Perkins County-1, Southwest Irrigated-2, Southwest Ecofallow-2, West Central Ecofallow-2, North Central Irrigated-2, West Valley Irrigated-2, West Table Irrigated-2, West & West Central Short Season Ecofallow-2, Torrington, Wyoming Irrigated-1.

In zone analyses, the hybrid by 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 (page 16). Moisture at harvest is an important consideration in hybrid selection as it does affect time of harvest and drying costs.

Southeast Dryland

Two trials no-tilled were harvested with seventy-two hybrids (pages 20-21). The Gage county trial had very good moisture from germination to harvest. Very good weed control throughout the growing season. The farmer entry and yield are Dekalb 580 @ 134 bu/a. Average of all entries of 134 bu/a. The Cass county test was under some stress do to a lack of moisture during hot summer days. Farmer entries and their yields were Land O'lakes @ 125 bu/a, Pioneer 3375 @ 126 bu/a and Northrup King N7590 @ 114 bu/a. Average for all entries was 122 bu/a. Period-of-years data are shown on pages 22-23.

Southeast Irrigated

Two trials were planted in this area with ninety-two hybrids each (pages 24-25). The Butler county corn plot had a cool, wet spring. Possible soil compaction from disking the plot wet, slow plant growth, smaller plants, corn borer activity and early freeze caused lower yields. Farmer entry and yield was Ciba 4495 @ 146 bu/a. Average of all entries was 145 bu/a. The Hamilton county test plot had some late season weed pressure and a hard freeze Sept 21. Average for all entries was 167 bu/a. Period-of-years data are shown on pages 26-27.

East Central Dryland

Two trials (no-tilled) were harvested with sixty-four hybrids (pages 28-29). Cuming county was under considerable amount of moisture stress during summer and fall. The farmer entries and respective yields were Northrup King 6233 @ 111 bu/a, Northrup King N5866 @ 96 bu/a, Golden Harvest H2530 @ 96 bu/a, Golden Harvest H2485 @ 84 bu/a. Average for all entries was 93 bu/a. Washington county plot was under moisture stress. Small plants, wind damage caused lodging. Farmer entries were Stine 1131 @ 125 bu/a, Stine 1133 @ 110 bu/a, Cargill 6303 @ 112 bu/a. Average for all entries was 104 bu/a. Period-of-years data are shown on pages 30.

South Central Irrigated

Test plots were located in Clay and Phelps counties. They planted eighty-eight hybrids in each test (pages 31-32). Clay county furrow irrigated plot had an average for all entries of 160 bu/a. Early freeze Sept 21. Phelps county plot was dropped due to agronomics and chemical problems. Period-of-years data are shown on page 33.

Northeast Dryland

Sixty-four hybrids were included in a dryland test in Dixon County. It was a cool, wet, April and May. Turning extremely hot, dry, in late June, July and August. Early frost, Sept 21, shortened the growing season. The insecticide applied at planting did not adequately control corn rootworm. There was visual signs of damage especially in the first two replications of the test plot. In Northeast Nebraska the corn on corn stubble performed poorly compared to the corn on soybean residue. This plot was not an exception as evidence by the lower corn yields. Average yield of all the entries were 35 bu/a. No data from this test are reported due to its extreme variability.

Northeast Irrigated

Holt County with seventy-two hybrids were included in a pivot irrigated plot (pages 34-35). This plot experienced the cool, wet spring and hot, dry summer with the early frost September 21. Before this plot could be harvested it received 11 inches of wet snow, delaying harvest until the snow melted. Average for all entries were 102 bu/a. 2-, 3-, 4-, and 5-year yields are shown on page 36.

West Central Ecofallow

Two plots were seeded into stubble from a wheat crop (page 37). These trials were planted in Lincoln and Perkins counties. Lincoln county with 6 hybrids averaged 69 bu/a. Very cold, wet Conditions early in growing season but turned hot, dry during later part of season. Crop was pretty well dead from dry conditions prior to frost on Sept 21. Perkins county 16 entries with ten entries entered by UN-L Agronomy Department. Farmer entries are Pioneer X1083X @ 74 bu/a and 3514 @ 75 bu/a. Mid July hail storm ripped leaves up.

Central Irrigated

Sixty-three hybrids were tested in Custer and Dawson counties. The Furrow irrigated Custer county test plot averaged 134 bu/a. Farmer entries were DeKalb 580 @ 145 bu/a and Pioneer 3769 @ 120 bu/a. The furrow irrigated Dawson county test averaged 165 bu/a. Farmer entries were BoJac 577 @ 167 bu/a and BoJac 580 @ 191 bu/a. The data from these plots are shown on pages 38-39. Over year data are shown on page 40.

West Central Irrigated

Yield and other data from fourty-five hybrids tested in Lincoln and Dundy counties are shown on page 41. Lincoln county furrow irrigated test had high yields averaging 189 bu/a. It was very cold and wet early in season taking 17 days for first emergence of plants to occur. Very hot later in season requiring weekly irrigations. Killing freeze occurred on Sept 21. Several full season hybrids didn't quite make it but overall yields were very good. Dundy pivot irrigated test averages for all entries were 172 bu/a. The farmer entries were BoJac 602 @ 174 bu/a and Golden Harvest 2493 @ 172 bu/a. Period-of-years data are shown on page 42.

Southwest Ecofallow

Seventeen hybrids were tested in Hayes and Red Willow counties. Hayes county ecofallow corn test averaged 63 bu/a. Many hybrids had not reached maturity at first killing frost. Farmer entries were Pioneer 3475 @ 62 bu/a and 3563 @ 78 bu/a. Red Willow county ecofallow averaged for all entries were 33 bu/a. Very wet spring delayed planting, then no rain during most of the growing season. One stretch of 64 days was without precipitation. Replanted some plots by hand due to ground squirrel eating seed. The data from these two locations and five year tests are shown on page 43.

Southwest Irrigated

Fifty-three hybrids were tested at two sites. Furnas county furrow irrigated plot had an average for all entries of 157 bu/a. Most hybrids matured before first frost. Farmer entries NC+ 5858 @ 138 and NC+ 6414 @ 141 bu/a. Red Willow county furrow irrigated plot averaged 176 bu/a. Almost all hybrids reached maturity before killing frost. The farmer entries and yields were Golden Harvest Ex 572 @ 173 bu/a and Pioneer 3346 @ 175 bu/a. Data for this location are shown on pages 44-45 and 46 for the over years data.

North Central Irrigated

Twenty-seven hybrids were entered in gravity and center pivot plots in Brown county which is located in the northern part of the sandhills. Furrow irrigated test had an over all average of 143 bu/a. Farmer entries Curry 2110 @ 128 bu/a and Golden Harvest 2390 @ 137 bu/a. The Pivot irrigated plot averaged 130 bu/a. Farmer entries were Coop 2021 @ 66 and Coop 7400 @ 134 bu/a. Cool and wet conditions delayed planting. Many hybrids did not reach maturity. The 1995 data will be on page 47 and 1990-1995 data will be on page 48.

West Central Pivot Irrigated

Thirty-two hybrids were included in Perkins county center pivot irrigated plot. Average for all varieties was 143 bu/a. Farmer entries were Golden Harvest E572 @ 158 bu/a and Pioneer 3769 @ 123 bu/a. Data for this plot is shown on page 49. The two year averages are on page 50.

West Valley Irrigated

The Scotts Bluff County plot with fourteen hybrid entries was pivot irrigated. Average for all entries were 150 bu/a. Planting was delayed because of a very wet spring. The development of the crop was behind normal all year. A very warm early autumn helped considerably, until a killing freeze on Sept 21. The Morrill County plot was irrigated with a center pivot. Average of all entries were 152 bu/a. Planting was delayed because of wet spring. Fourteen hybrids were entried into the Torrington test. Average of all plots were 127 bu/a. Farmer entries were Cargill X2507 @ 137 and 3677 @ 134 bu/a. Even with a late planting date, emergence was very slow due to cool soil temperatures. The development of the crop was behind normal all year. A very warm early autumn helped the development greatly, until a killing frost on Sept 21. Data shown on page 51. Period-of-years yield and other data are shown on page 52.

West Table Irrigated

Irrigated trails were in Box Butte and Cheyenne. Two plots were center pivot irrigated with 15 hybrids at each location (page 53). Sites represent higher elevation land which requires an earlier maturing hybrid than valley land. Box Butte farmer entries were Cargill X1407 @ 114 bu/a, X2403 @ 114 bu/a and 3677 @ 107 bu/a. Average of all varieties were 114 bu/a. Cheyenne county average were 107 bu/a. Planting at both plots was delayed because of a very wet spring. Even with this late planting date, emergence was very slow due to cool soil temperatures. The development of the crop was behind normal all year. A very warm early autumn helped considerably, until a killing freeze on Sept 21. This is the fourth year for this plot. Period-of-years averages are included on page 53.

Early Maturing Ecofallow

Plots planted in Lincoln and Cheyenne counties were designed to test six of the earlier hybrids in an ecofallow system. Rotation system was fallow-winter wheat-corn planted into the standing wheat stubble. Lincoln county test plot averaged 80 bu/a for all entries. Very cold, wet conditions in

early growing season and hot, dry conditions later in season. Crop pretty well dead from dry conditions prior to frost Sept 21. The Cheyenne county plot averages of all entries were 44 bu/a. Planting was delayed because of a very wet spring. Even with this late planting date, emergence was very slow due to cool soil temperatures. The development of the crop was behind normal all year. A very warm early autumn helped considerably, unil a killing freeze on Sept 21. Results of two tests and period-of-years are shown on page 54.

South Central Yellow Wax Corn Test

Thirteen entries were in the test. Linear move, overhead sprinkler irrigation system was used. The plot was planted into soybean stubble. Hard freeze Sept 21. Average yields of all entries were 138 bu/a. 30" planter with ALMACO cone units. The plots are 2 row by 24 feet. Data from this plot are shown on page 56. Two year averages are shown on page 57.

South Central White Corn Test

Clay county plot included sixty-eight white hybrids and three yellow checks. Corn-soybean rotation using Solid set, overhead sprinkler irrigation system. Slot planted into bean stubble on ridges. Average of all entries were 106 bu/a. Hard freeze Sept 21. Data from the plot will be on pages 58-59. Over year data are shown on page 60-61.

Dawson County White Corn Test

Eighty-one entries were entered in this first year test. Results are found on pages 62-63.

Cultural Practices

Gage: Dryland. Fall, disked wheat stubble. No till in the spring. Crop history: 1993 wheat, 1994 wheat. 140 lbs of 82% N preplant. Herbicide: 4 lbs Extrazine. Insecticide: None. Cultivations: None. Hand hoed plot. This plot had 203 lb/a of residual N.

Cass: Dryland. No till. Previous crops: 1993 corn, 1994 soybeans. Preplant: Anhydrous 150 lbs. Herbicide: Extrazine 2.67 lbs, Harness Extra 1 pt. Insecticide: 4 oz. of Pounce. Cultivation: None. Hand hoed plot. This plot had 45 lb/a of residual N.

Cuming: Dryland. No till. Previous crops: 1993 corn, 1994 soybeans. Preplant: 100 lbs of 28% N. Herbicide: Lasso, Broadstrike. Insecticide: None. This plot had 99 lb/a of residual N.

Washington: Dryland. No till. Previous crops: 1993 corn, 1994 soybeans. Fertilizer: Fall of 1994 20-50-50 lb/a, at planting 105 lb/a N. Herbicide: Guardsman 4 pt, 2,4-D 1 pt. 42 lb/a of residual N.

Butler: Pivot Irrigated. Previous crops: 1993 corn, 1994 soybeans. Preplant: 98 lbs of anhydrous ammonia. Herbicide: Atrazine. Insecticide: None. Hand hoed plot. This plot had 64 lb/a of residual N. Disked prior to planting.

Hamilton: Gravity Irrigated. Previous crops: 1993 soybean, 1994 corn. Fertilizer: 205 lb/a anhydrous ammonia, 4 gal 9-18-9 starter, 1 lb/a zinc. Herbicide: 1 qt Broadstrike + Dual, banded on 5/15/95. Insecticide: Force banded 3 lb/a. Cooperator ridge tilled ahead of slot planter.

Clay: Gravity Irrigated. Crop history: 1993 corn, 1994 soybeans rotation. Applied 125 lb/a anhydrous ammonia preplant. Herbicide: 1 qt Roundup, 1 pt 2,4-D preplant on 4/27. 2.2 qt Surpass 100, preemergence on 5/17. Insecticide: None. Slot planted into bean stubble on ridge.

Phelps: Irrigated. Plot dropped due to agronomic and chemical problems.

Dixon: Dryland. Crop history: 1993 corn, 1994 corn. Applied 90 lb/a anhydrous ammonia preplant. Herbicide: Harness Plus at 2.25 pt/a and Roundup 1 pt/a at planting, and 2 pt/a Buctril/Atrazine was applied two weeks after planting. Insecticide: Lorsban (8 oz/1000 ft of row). Considerable rootworm damage. Data not included.

Holt: Pivot irrigation. Crop history: 1993 and 1994 corn. Fertilizer: 50 lb N + 48 lb P + 10 K + 10 lb S at planting. Side dress: 120 lb/a anhydrous ammonia. Herbicide: 4.1 pt Sutan + 1.2 lb Atrazine before planting. Later applied 2/3 oz Accent. Insecticide: Lorsban (8 oz/1000 ft of row) at planting. July applied 1 qt extra Lorsban.

Custer: Furrow Irrigated. Crop history: 1993 and 1994 corn. Preplant 180 lb/a nitrogen as anhydrous ammonia. At planting: 14.3 lb N + 48.5 lb P + 10.7 lb S + .36 lb Zn as starter. Sidedressed: 30 lb N + 5 lb S in irrigation water. Herbicide: Surpass 100 preplant incorporated. Insecticide: Lorsban 15G, Furadan just ahead of hilling. Disked twice and planted.

Dawson: Furrow Irrigated. Crop history: 1993 and 1994 corn. Preplant: 175 lb/a of N. At planting: 6 gallons of 10-34-0 and 4 gallons of 28-0-0 as starter. Herbicide: Bicep II at 1 qt/a in 18" band at planting. Insecticide: Lorsban 15G 8 oz/1000 row feet. Dyfonate 15G application at cultivation. Pencap application after tassel. Ridge planted into stalks.

Furnas: Gravity Irrigated. Crop history: 1993 soybean, 1994 soybeans. Applied 150 lb/a N broadcast. 8 lb N + 27 lb P + 1 lb Zn

as starter. Herbicide: 2.4 qt/a of Bicep II preplant. Banvel, 1/2 pt at 4 leaf stage. Insecticide: Lorsban 15G at 8 oz/1000 ft of row. Pencap M for corn borer, Dipel @ 4 lb/a at hilling. Ridge till.

Red Willow: Gravity Irrigated. Crop history: 1993 and 1994 corn. Preplant: 120 lb/a N preplant + 10 gal/a 10-34-0 as starter. Herbicide: Lasso 2.5 qt/a in a 14" band, Broadcast 1/2 pt Banvel + 1.5 lb Atrazine at spike stage. Insecticide: Counter 15G at 7.3 lb/a. Ridge till into stalks.

Perkins: Center Pivot Irrigated: Crop history: corn 1993, corn 1994. Preplant: 180 lb/a nitrogen as anhydrous ammonia. At planting: 150 lb of 8-20-5-5-.5. Herbicide: 2 qt Bicep II, plus 2 pt Marksman with the planter. Insecticide: Parathion for Western Bean Cutworm Beetle in August. 1/2 pt Lorsban through pivot on Aug 10. Ridge till into stalks.

Hayes: Ecofallow. Crop history: 1993 fallow, 1994 winter wheat. Preplant: 65 lb N. At planting: 60 lb N + 0 + 6 lb K + 11 lb S + .7 lb Zn. Herbicide: Fall of 1994 applied 2 lb Atrazine + 80 oz Landmaster + 1 qt COC. Preemergence: 2 qt Bladex + 3 pt Marksman. Insecticide: Lorsban 15G 8 oz/1000 row feet.

Red Willow: Ecofallow. Crop history: 1993 fallow, 1994 winter wheat. Applied preplant 75 lb/a N. Herbicide: Preplant 1/2 lb Atrazine + 2.25 pt Dual II. Insecticide: Lorsban 15G 8 oz/1000 row feet. No-till planted into wheat stubble.

Lincoln: Ecofallow. Crop history: 1993 fallow, 1994 winter wheat. Applied 60 lb/a N preplant. Herbicide: Atrazine + Paraquat on wheat stubble in fall. Landmaster prior to planting. Insecticide: None. No-till into wheat stubble.

Perkins: Ecofallow. Crop history: 1993 fallow, 1994 winter wheat. Applied 67 lb/a N as starter. Herbicide: Fall 1994 Roundup + 2,4-D after winter wheat harvest. Roundup + Atrazine in the fall of 1994. Preplant: Harness Extra preemergence at 2.3 qt/a. Insecticide: Lorsban 15G (8 oz/1000 row feet) T-band in furrow at planting. No-till into wheat stubble.

Brown: Furrow Irrigated. Crop history: 1993 corn, 1994 corn. Applied 20 lb/a N + 12 lb/a P + 12 lb/a S at planting. Sidedressed 170 lb/a N as anhydrous ammomnia. Herbicide: Bicep 2.4 qt/a broadcast and incorporated with a disk. Insecticide: Force at 4.3 lb/a. Pencap M for corn borer in late July. Disked twice and planted.

Brown: Pivot Irrigated. Crop history: Corn 1993, corn 1994. At planting: 10-30-0-7 at 7 gal/a. 12-0-0-26 at 3 gal/a. Sidedressed: 110 lb/a N as anhydrous ammonia. Herbicide: Bicep 2.4 qt/a preemergence. Insecticide: 4.5 lb/a Force and Lorsban 15G at 8.7 lb/a at planting. Ridge till into corn stalks.

Lincoln: Irrigated. Crop history: 1993 corn, 1994 sorghum. Applied 180 lb/a N as anhydrous ammonia. Sidedressed: 8 gal of 10-34-0+1% zinc. Herbicide: Landmaster preemergence. Insecticide: None.

Dundy: Pivot Irrigated. Crop history: 1993 corn, 1994 corn. At planting: 32 lb N + 57 lb P + 24 lb K + 14.5 lb S. Through the pivot: 110 lb N + 21 lb S + 23 lb Zn. At cultivation: 63 lb N + 11 lb S. Herbicide: 2 pt of Marksman + Atrazine 1/2 lb/a preemergence. 2/3 oz Accent + 8 oz Tough post-emergence. Insecticide: Lorsban 15G T-band at 8 oz/1000 row feet at planting. Full Bac at 10 lb/a for 1st generation corn borer on 7/14/95. 2 pt/a Pencap M for rootworm beetles 8/7/95. Tillage program: Disked twice and planted.

Box Butte: Pivot Irrigated. Crop history: 1994 corn. Applied at planting: 25 lb N, 40 lb P, 1 lb/a Zinc. Sidedressed: 100 lb/a N. Herbicide: Dual. Insecticide: Counter.

Cheyenne: Pivot Irrigated. Crop history: 1994 sunflowers. Preplant: 20 tons manure (60 lb N). At planting: 10 lb N + 24 lb P + 7 lb S + 5 lb/a Zinc. Herbicide: 1 lb Atrazine, 3/4 qt Dual, 1 pt 2,4-D. Insecticide: None.

Scotts Bluff: Pivot Irrigated. Crop history: 1994 sorghum. At planting: 10 lb N + 34 lb P + 1 lb Zinc/a. Sidedressed: 150 lb N (ammonium nitrate). Herbicide: 2 qt lasso 4EC, 1 qt Bladex 4L. Insecticide: none.

Morrill: Pivot Irrigated. Crop history: 1994 alfalfa. Preplant: 7 lb S + 7 lb K. At planting: 15 lb N + 50 lb P + 1 lb Zn/a. Side dressed: 50 lb/a Nitrogen. Herbicide: Lasso + Bladex banded. Insecticide: Counter at planting.

Torrington, WY: Pivot Irrigated. Applied 100 lb N + 40 lb P/a on April 13. Herbicide: 1 qt Dual/a on May 19. 1.5 qt bladex/a on May 22. Insecticide: 6.5 lb/a Counter on May 18.

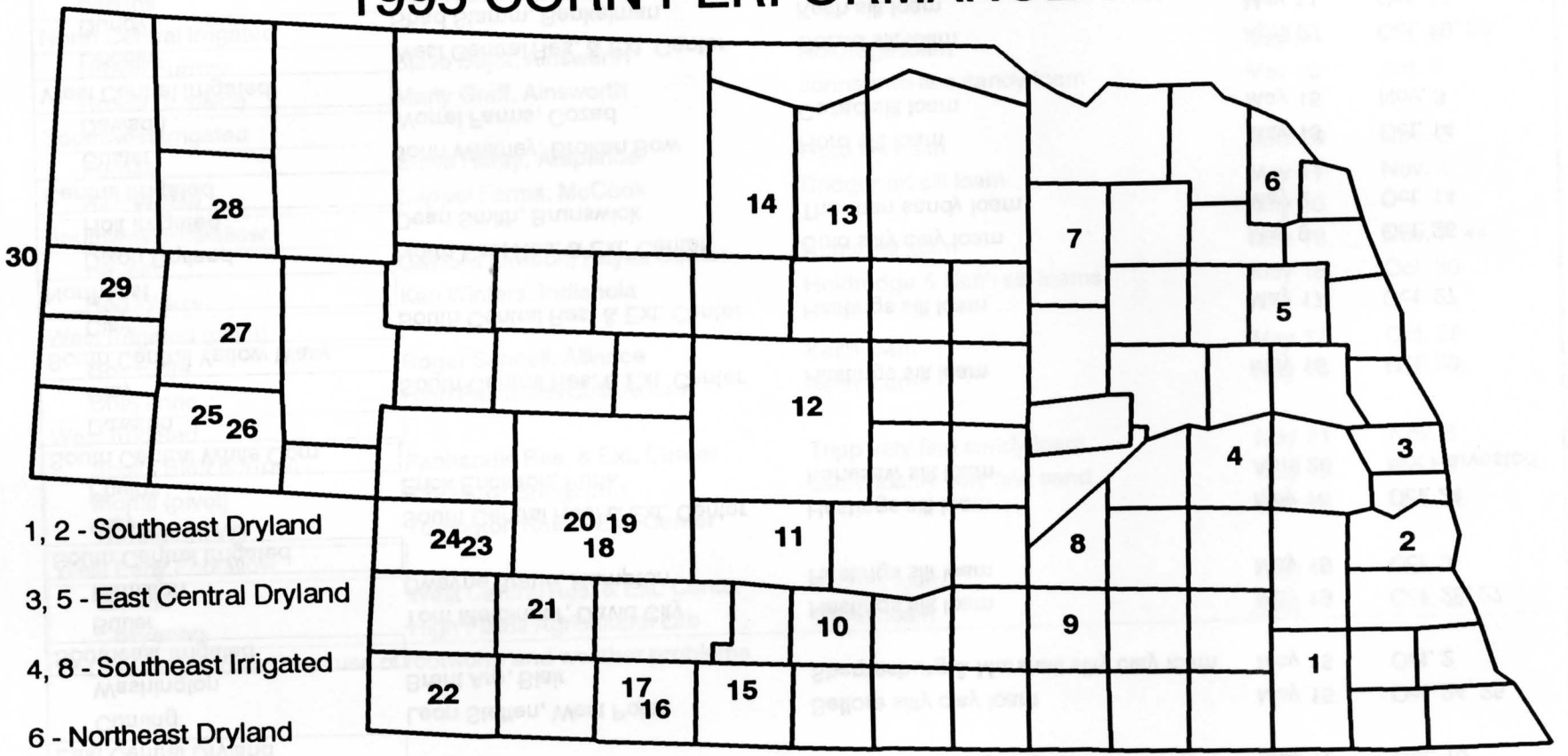
Lincoln: Early Maturing Ecofallow. Crop history: 1993 fallow, 1994 winter wheat. Applied 60 lb/a N preplant. Herbicide: Atrazine + Paraquat on stubble in fall. Landmaster prior to planting. Insecticide: None.

Cheyenne: Early Maturing Ecofallow. Crop history: 1993 fallow, 1994 winter wheat. Applied 60 lb/a N preplant. Planting 10 lb/a N + 24 lb/a P + 7 lb/a S, + .5 lb/a Zn. Herbicide: 1.5 pt/a Dual + 1 lb/a Atrazine. Insecticide: None.

Clay: White corn. Solid set overhead sprinkler irrigation system. Crop history: 1993 corn, 1994 soybean. Fertilizer: 75 lb/a nitrogen. Preemergence: 5/18/95 2.2 qt Surpass, 1 pt Roundup, 1/2 pt Banvel. 6/21/95 .38 oz Beacon, .32 oz Accent. Insecticide: None. Slot planted into bean stubble.

Clay: Yellow waxy corn. Linear move, overhead sprinkler irrigation system. Crop history: 1993 corn, 1994 soybean. Fertilizer: 100 lb/a anhydrous ammonia. Preemergence Herbicide: 2.2 qt Surpass 100, 1/2 pt Banvel/a on 5/19.

NEBRASKA CORN TEST LOCATIONS
1995 CORN PERFORMANCE TESTS



1, 2 - Southeast Dryland

3, 5 - East Central Dryland

4, 8 - Southeast Irrigated

6 - Northeast Dryland

7 - Northeast Irrigated

9, 10 - South Central Irrigated

11, 12 - Central Irrigated

13, 14 - North Central Irrigated

15, 16 - Southwest Irrigated

17, 21 - Southwest Ecofallow

18, 22 - West Central Irrigated

19, 23 - West Central Ecofallow

20, 25 - West Early Ecofallow

24 - Perkins Pivot Irrigated

26, 28 - West Table Irrigated

27, 29, 30 - West Valley Irrigated

Table A. Locations, Cooperators, Soil types and Planting and Harvest dates. 1995.

Location	Cooperator	Soil Type	Planted	Harvested
Southeast Dryland				
Gage	Dean Buhr, Adams	Wymore silty clay loam	May 26	Oct. 19
Cass	Jim Engelkemeir, Louisville	Sharpesburg silty clay loam	May 17	Oct. 18
East Central Dryland				
Cuming	Leon Steffen, West Point	Belfore silty clay loam	May 15	Oct. 24, 25
Washington	Brent Arp, Blair	Sharpesburg & Marshall silty clay loam	May 15	Oct. 2
Southeast Irrigated				
Butler	Tom Meidinger, David City	Hastings silt loam	May 19	Oct. 26, 27
Hamilton	Dwayne Braun, Hampton	Hastings silt loam	May 15	Oct. 9
South Central Irrigated				
Clay	South Central Res. & Ext. Center	Hastings silt loam	May 16	Oct. 24
Phelps	Erick Erickson, Funk	Kenesaw silt loam	April 28	Not Harvested
South Central White Corn				
Dawson				
Clay	South Central Res. & Ext. Center	Hastings silt loam	May 16	Oct. 29
South Central Yellow Waxy				
Clay	South Central Res. & Ext. Center	Hastings silt loam	May 17	Oct. 27
Northeast				
Dixon Dryland	North East Res. & Ext. Center	Colo silty clay loam	May 9	Oct. 25 **
Holt Irrigated	Dean Smith, Brunswick	Thurman sandy loam	May 2	Oct. 14
Central Irrigated				
Custer	John Whitney, Broken Bow	Hord silt loam	May 13	Oct. 14
Dawson	Worrel Farms, Cozad	Cozad silt loam	May 15	Nov. 3
West Central Irrigated				
Lincoln	West Central Res. & Ext. Center	Cozad silt loam	April 27	Oct. 19, 20
Dundy	Shad Stamm, Benkelman	Keith silt loam	May 11	Oct. 19
Perkins	Randy Regier, Madrid	Santanta loam	May 12	Nov. 2

West Central Ecofallow				
Lincoln	West Central Res. & Ext. Center	Hall silt loam	May 18	Nov. 2
Perkins	Tom Kraus, Madrid	Keith silt loam	May 16	Oct. 28
North Central Irrigated				
Brown Furrow	Steve Bejot, Ainsworth	Holdrege loam	May 25	Oct. 6
Brown (c. pivot)	Marty Graff, Ainsworth	Johnstown fine sandy loam	May 25	Oct. 6
Southwest Irrigated				
Furnas	Steve Henry, Arapahoe	Hord silt loam	April 29	Nov. 2
Red Willow	Cappel Farms, McCook	Bridgeport silt loam	May 11	Nov. 4
Southwest Ecofallow			May 10	
Hayes	Gaylord Lawson, Hayes Center	Kuma silt loam	May 19	Nov. 7
Red Willow	Ken Winters, Indianola	Holdredge & Keith silt loams	May 18	Oct. 30
West Irrigated (pivot)				
Box Butte	Roger Schnell, Alliance	Keith loam	May 17	Oct. 28
Cheyenne	High Plains Agriculture Lab	Keith loam	May 16	Nov. 18
West Irrigated				
Scotts Bluff (furrow)	Panhandle Res. & Ext. Center	Tripp very fine sandy loam	May 31	Nov. 8
Morrill (pivot)	Kirk Laux, Bridgeport	Otero loamy very fine sand	May 15	Nov. 8
Torrington, WY	Torrington Res. & Ext. Center		May 18	Oct. 26
West Early Ecofallow				
Lincoln	West Central Res. & Ext. Center	Hall silt loam	May 18	Nov. 2
Cheyenne	High Plains Agricultural Lab	Duroc loam	May 17	Oct. 29

** Data not reported because of rootworm and weather problems

Table B. Average performance at each location.

Location	Row Spacing Inches	Plant Spacing Inches	Plants Per Acre	Yield C.V. %	Grain[1] Yield Bu/A	Harvest Moisture %	Broken Plants %	Dropped Ears %	Yield[2] Moisture Corrltn
Southeast Dryland									
Gage	30	11.0	18990	11.8	134	16.5	1.0	1.0	.24*
Cass	30	11.3	18500	9.9	143	17.8	0.7	0.2	.26*
Southeast Irrigated									
Butler	30	7.6	27410	10.3	145	17.0	5.0	0.0	–.14NS
Hamilton	30	6.9	30330	8.2	167	25.0	4.0	1.0	–.28**
East Central Dryland									
Cuming	30	10.9	19210	11.0	93	17.8	3.0	2.0	–.00NS
Washington	30	11.4	18400	13.8	104	24.5	10.0	1.0	–.14NS
South Central Irrigated									
Clay	30	7.3	28630	8.6	160	15.3	8.0	2.0	.18NS
Northeast									
Antelope Irrigated	30	––	–––	18.7	102	15.3	12.0	3.0	.14NS
Central Irrigated									
Custer	30	7.8	26850	9.7	134	23.9	1.0	0.0	–.66**
Dawson	36	6.6	26280	8.6	165	17.5	8.0	1.0	.10NS
West Central Irrigated									
Lincoln	30	7.8	26851	5.4	189	14.6	7.0	2.0	
Dundy	30	7.7	27190	7.4	172	19.1	6.0	1.0	.15NS
Perkins	30	8.1	25660	10.9	143	18.2	23	4	.07NS
West Central Ecofallow									
Lincoln	30	15.2	13740	12.3	69	–––	3.0	1.0	
Perkins	30	15.0	13900	13.8	65	18.2	4.0.	2.0	–.62**
North Central Irrigated									
Brown (furrow)	30	7.6	27500	8.5	143	17.5	9.0	2.0	.07NS
Brown (c.Pivot)	30	7.3	28622	11.4	130	17.1	6.0	2.0	–.13NS
Southwest Irrigated									
Furnas	30	8.9	23530	14.2	157	16.7	6.0	2.0	.07NS
Red Willow	36	6.4	27380	9.1	176	19.4	24.0	0.0	–.23NS
Southwest Ecofallow									
Hayes	30	18.2	11480	25.8	63	21.4	0.0	0.0	–.43NS
Red Willow	30	17.9	11680	46.0	33	16.9	11.0	15.0	.28NS
West Table Irrigated									
Box Butte	30	––	––	7.7	114	17.5	4.0	––	–.04NS
Cheyenne	30	––	––	9.5	107	16.3	––	––	.10NS
West Valley Irrigated									
Scotts Bluff	30	––	––	12.3	150	16.1	4.0	––	.12NS
Morrill	30	––	––	5.4	152	14.8	––	––	.19NS
Torrington, WY	30	7.5	28000	13.7	127	13.3	3.0	1.0	–.01NS
West Early Ecofallow									
Lincoln	30	15.7	13290	20.6	80	11.8	4.0.	3.0	
Cheyenne	30	––	––	10.2	44	27.9	––	––	–.94**

[1] Machine harvest.

[2] Correlations between moisture at harvest and acre grain yield – NS,*,** = nonsignificant and significant at 5% and 1% levels, respectively. Negative values indicate that lower moisture was associated with higher yields.

Table C. Corn performance. Average for entries over years within areas. Five years. 1991–1995.

Test	Year	Yield bu/a	Moisture %	Broken %	Dropped %	Bushel weight
Southeast Dryland	1991	108.0	16.5	2.0	0.0	57.4
(1 hybrids)	1992	176.0	23.2	2.0	0.0	53.4
	1993	132.0	19.3	4.0	1.0	57.3
	1994	161.0	16.0	3.0	0.0	56.7
	1995	139.0	16.7	2.0	0.0	57.5
Southeast Irrigated	1991	218.0	15.2	1.3	0.3	60.3
(3 hybrids)	1992	194.7	21.2	2.7	0.6	56.8
	1993	117.3	20.0	8.7	0.3	57.4
	1994	171.7	17.3	9.7	0.6	58.8
	1995	151.7	20.3	4.3	0.3	57.5
South Central Irrigated	1991	196.0	18.4	1.0	0.0	---
(1 hybrids)	1992	181.0	17.3	15.0	0.0	---
	1993	.	.	.	.	---
	1994	185.0	18.3	12.0	.	---
	1995	153.0	14.7	7.0	3.0	---
Northeast Irrigated	1991	182.0	---	1.0	0.0	---
(1 hybrids)	1992	203.0	15.5	0.0	0.0	---
	1993	166.0	22.1	2.0	0.0	---
	1994	123.0	16.7	5.0	0.0	---
	1995	99.0	15.0	10.0	4.0	---
Southwest Ecofallow	1991	---	---	---	---	---
(2 hybrids)	1992	108.8	31.6	1.0	0.5	54.4
	1993	141.5	18.6	2.0	0.5	54.4
	1994	101.0	16.4	1.5	0.0	57.5
	1995	39.5	19.4	2.5	7.5	52.9
West Central Ecofallow	1991	91.3	14.4	1.0	0.0	54.1
(1 hybrids)	1992	111.0	23.5	2.0	0.0	55.5
	1993	106.0	22.5	2.0	0.0	51.4
	1994	88.0	10.4	3.0	0.0	---
	1995	80.0	17.6	1.0	0.0	53.7
West Central Irrigated	1991	---	---	---	---	---
(1 hybrids)	1992	195.0	22.7	1.0	1.0	---
	1993	187.5	20.3	1.0	1.0	55.2
	1994	162.0	13.0	6.0	1.0	60.5
	1995	188.5	16.2	8.0	1.0	53.0
West Irrigated	1991	---	---	---	---	---
(1 hybrid)	1992	188.5	17.6	---	---	53.6
	1993	135.0	15.4	1.0	---	49.4
	1994	203.0	17.4	1.0	---	52.3
	1995	149.3	14.0	2.0	0.0	48.3

Table D. Nebraska Corn Test Entrants. 1995.

Brand	Entrant	Address
-----	Agricultural Research Div., UNL	Lincoln, NE 68583
Asgrow	Asgrow Seed Company	7000 Portage Rd., Kalamazoo, MI 49001
Bo-Jac	Bo-Jac Hybrid Corn Co.	245 1500th Ave. Mt. Pulaski, IL 62548-6508
Cargill	Cargill Hybrid Seeds	P.O. Box 5645, Minneapolis, MN 55440
Ciba Seeds	Ciba Seeds	211 Landmark Dr, Suite D4, Normal, Il 61761
COOP	COOP Seed, Inc.	661 510th. St., Alta, Iowa 51002
Crow's	Crow's Hybrid Corn Company	P.O. Box 306, Milford, IL 60953
Dairyland Seed	Dairyland Seed Co., Inc.	P.O. Box 958, West Bend, WI 53095
Dekalb Genetics	DEKALB Genetics Corporation	3100 Sycamore Rd, DeKalb,IL 60115
Federal Hybrids	Federal Hybrids	5420 - 35th Av., Marion, IA 52302
Fontanelle	Fontanelle Hybrids	Rt.1, Box 18, Nickerson, NE 68044
Galilee	Farmland Ind. Grain Division	1001 5th 70st, #210, Lincoln, NE 68510
Golden Harvest	The J.C. Robinson Seed Co.	100 J.C. Robinson Blvd, Waterloo, NE 68069
Grand Valley	Grand Valley Hybrids, Inc.	840 23 Road, Grand Junction, CO 81505
Hawkeye Hybrids	Hawkeye Hybrids, Inc.	2165 Idaho Drive, Pella, IA 50219
Hoegemeyer Hybrids	Hoegemeyer Hybrids	Rt. 2, Box 126, Hooper, NE 68031
Hy-Vigor Seeds	Hy-Vigor Seeds, Inc.	4970 Redwood Ave, Paullina, Ia 51046
ICI Seeds	ICI Seeds	6945 Vista Drive, West Des Moines, IA 50266
Jacobsen	Jacobsen Hybrid Corn Co., Inc.	129- 9th St. Box 379, Lake View, IA 51450
Kaystar	Kaystar Seed	P.O. Box 947, Huron SD 57350
Kruger	Kruger Seed Company	Highway 20 East-Box A, Dike Iowa 50624
Lewis	Lewis Hybrids, Inc.	P.O. Box 38 / W. Maple St., Ursa, IL 62376
LG Seeds	LG Seeds (Horizon)	RR-2, P.O. Box 88, Tekamah, NE 68061
Lynks	Lynks Seeds	Box 637, Marshalltown, IA 50158
M/W Genetics	Midwest Seed Genetics	P.O. Box 518, Carroll, IA 51401
Miller Preferred	Miller Grass Seed Co., Inc.	1600 Cornhusker Hwy, Lincoln, NE 68521
Mycogen	Mycogen Plant Sciences	720 St. Croix St., Prescott, WI 54021
NC+ Hybrids	NC+ Hybrids	Box 4408, Lincoln, NE 68504
Ohlde	Ohlde Seed Farms Inc.	Rt. 1, Box 63, Palmer, KS 66962
Ottilie	Ottilie RO Seed	1462 Sanford Ave., Marshalltown, Iowa 50158
Payco	Interstate Payco Seed Co.	P.O. Box 338, West Fargo, ND 58078
Pfister	Pfister hybrid Corn Co.	P.O. Box 187, El Paso, IL 61738
Premium Seed	Premium Seed, Inc.	P.O. Box 218, Berwick, IL 61417
Renze	Renze Hybrids, Inc.	Rt. 3, Box 235, Carroll, IA 51401
Sands	Sand Seed Service, Inc.	Box 648, Marcus, Iowa 51035
Sexauer	The Sexauer Company	Box 448, Norfolk, NE 68701
Stine	Stine Seed Company	2225 Laredo Trail, Adel, IA 50003
Sturdy Grow	Sturdy Grow Hybrids, Inc.	P.O. Box 194, Arcola, IL 61910
Superior	Superior Hybrids Co.	Box 595, Northbend NE 68649
Terra	Terra International, Inc.	P.O. Box 6000, Sioux City, IA 51102-6000
Triumph	Triumph Seed Co., Inc.	P.O.Box 1050, Ralls, TX 79357
Wilson	Wilson Seeds, Inc.	P.O. Box 391, Harlan, IA 51537

Table E. Brand name and hybrids of each entrant

Brand	Hybrids
UNL–Corn Genetics	B73 X N204, N9077, N9078, N9079
AGRIPRO	AP507, AP619, AP565, HS9843, HY9339
ASGROW	RX450, RS484, RX623T, RX770, RX789, RX801, RX893
BO–JAC	577, 525, 580, 409, 299, 438
CARGILL	4327, 5547, 5677, 6303, 6997, 7557, 7697, 7777, 7997, 8327, X7507, 7997##, 4327##
CIBA SEEDS	4144, 4214, 4285, 4295X, 4303, 4394, 4475, 4494, 4581
COOP	7727, 7810, 7820
CROW'S	365, 435, 445, 494, 496, 510, 668, 685
DAIRYLAND	ST1198, ST1200
DEKALB GENETICS	DK412, DK442, DK471, DK493, DK512, DK527, DK560, DK564 ##, DK566, DK569, DK580WX DK580, DK580 ##, DK591,DK591 ##, DK592SR, DK616, DK626, DK646, DK652, DK676
FEDERAL	FX39D
FONTANELLE	4193, 5325, 5335, 5624
GALILEE	777
GOLDEN HARVEST	H–2390##, H–2485##, H–2493##
GRAND VALLEY	SX1234, X6286, X8986, SX1232, X6586
HAWKEYE	6111A, 7979, 8179, SX37, SX44A, SX62
HOEGEMEYER	2628WX, 2680WX
HY–VIGOR SEEDS	7050, 6880
ICI SEEDS	8400, 8543, 8543 ##, 8541, 8565, 8285, 8330, 8481IT
JACOBSEN	JS26A, JS56, JS58A, JS45A, JS69
KAYSTAR	KX–600, KX–777, KX–909
KRUGER	EX114, EX116, K9315B–PT, K9410, K9415, K9415A, K9507–PT, K9513, K9514A, K9613A K9614, K9614A, K9614W, K9616A, K9616B, K9618, K9620, K9720B
LEWIS	5584, 6294
L G SEEDS	LG 2632, LG 2537, NB 471, NB6842, LG 2511, LG 2705, 7711, 6575, LG 2583, LG 2560 NBT680, NBT595
LYNKS	2420, 2494, 2550, 2595, 2674, 2677, 2689, 2725, 2759, 2815, 2868
M/W GENETICS	G 8440, X51120, G 7610, G 7940, G 7786, G 8445, G 8775, G 7665
MILLER PREFERRED	MP1141, MP1172, MP1161, MP1131, MP1000, MP1061, MP1091, MP1121
MYCOGEN	4760, 5440, 6220, 7050cb, 7250cb, 7460, 8240, AG 3965
NC+ HYBRIDS	4275 ##, 4616 ##, 4616, 4919, 5037, 5445, 6959
NORTHRUP KING	N 6330 ##
OHLDE	226, 309, 310, 312, 315, 316, 331
OTTILIE	2431, 2433, 2444, 2446, 2453, 2466, 2467, 2482, 2482X, 2562
PAYCO	754, 814, 834, 902, 915, 952
PFISTER	2650, 2725
PIONEER	3394 ##, 3417 ##, 3563 ##, 3417E, 3394E, 3399E
PREMIUM SEED	P248, P283
RENZE	6345, 6370, 6386, 6416, 6425
SANDS OF IOWA	SOI 9061, SOI 9074, SOI 9081, SOI 9115, SOI 9126, SOI 9140, SOI 9166, 9045, SOI9144WX SOI9153WX, SOI9133WX
SEXAUER	SX 730, SX 780, SX 870, EX 112, EX 117, EX 116
STINE	9501, 9502, 9601, 9602, 9702, 9703, 9704, 9801
STURDY GROW	SG777W, SG765W, SG797W, SG755W
SUPERIOR	SP–4596, SP7633, SP5592, SP5396, SP6896
TERRA	E1154, TR1074, TR1087, TR1091, TR1094, TR1126, TR1130, TR1167, TR1185
TRIUMPH	1522, 1452, 2010
WILSON	1432, 1581, 1640, 1690, 1780W, 2330, E4030, E4079, E4119, E4150, E5064

Widely grown hybrids were entered in three districts in 1995.

Southeast Dryland Corn Hybrid Tests
Gage and Cass Counties – 1995

Brand	Hybrid	Yeild Average bu/a	Yeild Gage bu/a	Yeild Cass bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
HAWKEYE	SX62	145	148*	141**	15.7	1	1	58.6
CARGILL	7777	144	148*	140*	16.4	1	1	59.4
CROW'S	668	143	149*	136*	17.8	1	0	58.0
CARGILL	8327	142	145*	138*	17.6	1	0	58.7
MILLER PREF	MP1161	142	157**	127*	18.1	1	0	58.1
LEWIS	5584	141	148*	133*	15.4	1	1	57.8
AGRIPRO	AP619	141	154*	128*	15.8	0	1	57.8
TERRA	TR1185	140	151*	128*	19.5	1	0	57.2
LG SEEDS	LG 2705	140	150*	130*	17.8	2	1	58.2
KRUGER	K9618	139	142*	136*	17.3	1	1	58.7
DEKALB Genetics	DK646	139	142*	135*	16.7	2	0	57.5
LYNKS	2868	138	150*	126*	18.0	2	1	57.8
RENZE	6370	137	139*	134*	16.2	1	1	58.2
ICI SEEDS	8285	137	139*	134*	18.1	2	0	57.9
M/W GENETICS	G 8775	136	137*	135*	17.9	1	0	58.3
MYCOGEN	8240	136	140*	131*	17.9	1	1	58.5
MILLER PREF	MP1141	136	137*	134*	16.1	1	0	59.0
LG SEEDS	7711	135	148*	122	15.5	1	1	58.0
KRUGER	K9620	135	136*	133*	17.3	1	1	58.9
HAWKEYE	SX81	135	140*	130*	16.2	3	4	57.5
OTTILIE	2562	135	152*	118	17.7	1	0	57.7
TRIUMPH	1522	133	137*	129*	15.9	3	1	58.4
NORTHRUP KING	N 6330 ##	133	143*	123	14.8	2	0	58.8
BO–JAC	580	133	135*	130*	15.7	1	1	58.6
LEWIS	6294	133	139*	127*	16.6	1	5	57.5
SEXAUER	EX 112	132	140*	124*	14.9	0	0	58.1
PIONEER	3417 ##	132	142*	121	14.7	2	0	58.9
DEKALB Genetics	DK626	132	132	132*	15.6	1	0	57.2
ASGROW	RX789	132	133	130*	16.1	1	0	59.0
RENZE	6425	131	142*	120	15.6	2	1	57.6
WILSON	2330	131	140*	122	19.6	1	1	58.1
TERRA	E1154	130	135*	125*	16.6	2	0	57.4
KRUGER	K9616A	130	139*	121	15.5	0	0	57.6
SEXAUER	SX 870	129	126	131*	18.3	1	0	58.7
RENZE	6416	129	130	127*	16.1	2	0	58.4
CROW'S	496	129	141*	116	14.8	0	0	57.3
CARGILL HYBRID	7997 ##	129	137*	120	16.9	1	0	58.9
SANDS	SOI 9140	129	141*	117	16.6	3	0	59.2
RENZE	6386	129	133	124*	15.1	1	0	58.5
CROW'S	510	129	137*	121	15.2	0	1	58.0
TERRA	TR1130	128	126	129*	17.7	1	3	58.7
FONTANELLE	5624	128	137*	119	16.8	1	0	57.8
WILSON	E5064	127	140*	114	14.9	1	0	58.4

Continued on page 2

Southeast Dryland Corn Hybrid Tests Gage and Cass Counties – 1995. Page 2

Brand	Hybrid	Average bu/a	Yeild Gage bu/a	Cass bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
OTTILIE	2467	127	139*	114	15.2	1	0	57.7
SEXAUER	EX 117	126	138*	113	15.4	1	1	59.1
PIONEER	3394 ##	126	142*	109	15.0	0	0	59.3
CARGILL	7697	126	133	119	15.7	1	1	60.8
-----	B73 X N204	125	133	116	18.4	1	1	59.7
SANDS	SOI 9126	125	131	119	15.4	2	1	58.2
MYCOGEN	7460	125	125	124*	15.4	0	2	59.1
ICI SEEDS	8543 ##	125	126	123	14.8	1	1	57.9
STINE	9801	124	129	118	17.2	2	0	57.7
ICI SEEDS	8330	124	134	113	16.3	1	0	58.4
CROW'S	685	124	127	121	16.2	1	2	57.8
ASGROW	RX801	124	129	118	16.3	1	1	59.0
M/W GENETICS	X51120	123	128	117	15.1	1	0	58.5
LYNKS	2815	123	131	115	15.6	1	1	57.6
BO-JAC	438	123	128	118	14.4	2	0	58.8
PFISTER	2650	122	122	121	14.6	1	0	58.0
M/W GENETICS	G 8440	122	120	124*	16.5	1	2	58.0
CARGILL	X7507	122	120	123	16.3	1	0	60.0
KRUGER	EX116	121	137*	105	20.0	2	0	59.2
KRUGER	K9720B	120	129	111	17.0	1	1	57.7
BO-JAC	577	118	125	110	15.2	1	0	57.8
DEKALB Genetics	DK591	117	117	116	14.7	2	0	58.6
LG SEEDS	LG 2632	116	118	113	15.4	1	2	59.3
-----	N9078	111	103	119	18.3	2	0	59.4
KRUGER	K9415	111	114	108	15.3	1	1	58.8
-----	N9077	109	101	116	15.5	2	2	56.7
GALILEE	777	109	103	114	18.3	3	0	58.6
-----	N9079	108	130	85	16.9	4	0	60.3
SANDS	SOI 9115	90	93	87	13.7	0	1	57.8
Average All Entries		128	134	122	16.3	1	1	58.3
Dif. Req. for Sig.	5%	16	22	17	1.0	NS	NS	1.1
	25%	9	13	10	0.6	1	NS	0.6

Entered by UN-L Agronomy Department
** denotes top yeilding hybrid at each location
* denotes hybrids not significantly different than top yeilding hybrid at each location

Southeast Dryland Corn Hybrid Tests 1992 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		2 YEAR AVERAGES				
CARGILL	7777	169	16.9	1	1	59.4
HAWKEYE	SX81	164	17.0	3	3	57.6
MILLER PREF	MP1161	162	18.5	1	0	57.9
LG SEEDS	LG 2705	158	18.3	2	1	58.2
CARGILL	8327	158	18.1	1	0	58.3
CROW'S	668	157	18.3	2	0	58.0
OTTILIE	2562	155	18.3	1	1	57.8
M/W GENETICS	G 8775	154	18.2	2	0	58.3
LYNKS	2868	154	18.4	2	1	57.9
CROW'S	510	154	15.7	1	1	57.7
CARGILL	7697	154	16.2	3	1	60.1
LG SEEDS	7711	153	15.9	1	1	58.0
TERRA	TR1185	152	19.4	2	1	57.3
TERRA	TR1130	152	17.6	1	2	58.7
MYCOGEN	8240	152	18.5	2	1	58.3
WILSON	2330	150	19.4	1	1	58.1
RENZE	6425	150	15.8	2	1	57.4
DEKALB Genetics	DK646	150	16.4	3	0	57.1
-----	B73 X N204	149	18.2	2	1	59.4
BO–JAC	577	149	15.7	2	1	58.0
ASGROW	RX801	148	16.5	2	1	58.8
DEKALB Genetics	DK591	147	14.9	2	1	57.9
SEXAUER	SX 870	146	18.3	1	0	58.7
KRUGER	K9415	146	16.1	2	1	58.6
NORTHRUP KING	N 6330	145	15.2	3	1	58.6
PIONEER	3394	140	15.2	2	1	59.3
BO–JAC	438	140	14.8	3	0	58.6
ICI SEEDS	8543	133	15.4	3	2	57.8
PIONEER	3417	126	15.0	4	0	59.0
Average All Entries		151	16.9	2	1	58.3
Dif. Req. for Sig.	5%	NS	0.3	NS	NS	0.2
	25%	NS	0.2	0.4	NS	0.1
		3 YEAR AVERAGES				
CARGILL	7697	150	17.1	3	0	59.9
CROW'S	668	149	19.0	1	0	57.9
CARGILL	8327	148	18.9	1	0	58.1
MYCOGEN	8240	147	19.3	2	1	58.2
CROW'S	510	146	16.7	2	1	57.8
KRUGER	K9415	145	17.0	2	1	58.4

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Southeast Dryland Corn Hybrid Tests 1992 – 1995. Page 2

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		3 YEAR AVERAGES (continued)				
DEKALB Genetics	DK646	144	17.3	3	0	57.2
BO–JAC	577	144	16.5	2	1	57.8
DEKALB Genetics	DK591	141	15.8	2	0	57.4
ASGROW	RX801	141	17.3	1	0	59.2
SEXAUER	SX 870	140	19.2	0	0	58.6
PIONEER	3394	140	16.4	2	1	59.1
NORTHRUP KING	N 6330	140	16.3	3	1	58.3
TERRA	TR1185	138	20.1	3	0	57.2
PIONEER	3417	117	15.7	4	0	58.5
Average all entries		142	17.5	2	1	58.2
Dif. Req. for Sig.	5%	NS	0.2	1	NS	0.3
	25%	NS	0.1	1	0.2	0.2
		4 YEAR AVERAGES				
CARGILL	7697	166	18.6	2	0	58.8
DEKALB Genetics	DK646	152	18.8	3	0	56.2
PIONEER	3417	134	17.1	3	0	58.2
Average all entries		150	18.2	3	0	57.7
Dif. Req. for Sig.	5%	NS	0.4	NS	NS	0.6
	25%	5	0.2	NS	NS	0.3

Southeast Irrigated Corn Hybrid Test
Butler and Hamilton Counties – 1995

Brand	Hybrid	Yield Average bu/a	Yield Butler bu/a	Yield Hamilton bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
SEXAUER	EX 116	178	163*	193*	21.2	2	0	57.4
FONTANELLE	5335	177	171*	182*	20.8	4	0	56.5
CARGILL	7777	176	173**	179*	21.6	3	0	58.0
PAYCO	902	175	164*	186*	21.5	10	1	57.6
SEXAUER	EX 112	174	152*	195**	19.9	2	0	56.6
PAYCO	834	172	156*	187*	20.7	3	0	57.0
RENZE	6416	171	159*	182*	21.4	1	0	57.8
MILLER PREF	MP1141	171	164*	178*	21.9	3	0	57.3
LG SEEDS	LG 2583	171	161*	180*	20.2	3	0	56.5
HAWKEYE	SX62	171	164*	177*	22.3	3	0	57.5
BO–JAC	409	169	150	188*	20.9	4	0	57.2
RENZE	6345	168	156*	180*	20.4	5	1	56.5
CARGILL	X7507	168	155*	180*	20.5	2	0	57.4
LG SEEDS	NB 6842	166	159*	173	21.4	7	0	56.9
KRUGER	K9513	166	156*	176*	20.4	3	1	56.4
DEKALB Genetics	DK616	166	152*	179*	19.4	5	0	56.8
ASGROW	RX770	166	156*	176*	20.3	6	0	55.5
PREMIUM SEED	P283	165	150	179*	21.9	9	1	57.2
ICI SEEDS	8543	165	153*	176*	19.8	5	1	56.6
CIBA SEEDS	4494	165	167*	163	20.4	8	0	57.1
TRIUMPH	1522	164	156*	172	20.9	5	1	57.1
RENZE	6386	164	153*	174	21.0	5	1	57.0
DEKALB Genetics	DK626	164	151	177*	19.3	6	1	55.8
OHLDE(MW Genetics)	309	163	150	176*	20.7	3	1	57.3
MYCOGEN	7250cb	163	158*	168	21.7	2	0	57.2
ASGROW	RX893	163	160*	166	22.8	4	0	53.9
WILSON	E4119	162	151	172	21.9	1	0	58.1
TERRA	TR1167	162	148	176*	23.3	3	0	56.1
TERRA	E1154	162	133	190*	22.2	5	1	56.5
RENZE	6370	162	158*	166	21.6	9	0	56.9
OHLDE(MW Genetics)	315	161	142	180*	19.9	2	1	56.6
LYNKS	2868	161	152*	170	23.4	3	0	56.7
DEKALB Genetics	DK591 ##	161	147	175	18.9	8	0	56.6
BO–JAC	580	161	158*	163	20.7	5	0	56.4
SANDS	SOI 9081	160	142	178*	20.2	5	0	57.6
OTTILIE	2467	160	155*	165	21.0	4	1	57.2
OHLDE(MW Genetics)	331	160	153*	166	21.3	6	1	57.2
HAWKEYE	SX55	160	150	170	19.9	4	1	56.9
BO–JAC	438	160	138	182*	19.7	4	1	57.0
RENZE	6425	159	148	169	21.1	2	0	56.6
LG SEEDS	LG 2632	159	149	169	20.6	4	1	57.4
BO–JAC	525	159	141	177*	20.1	3	1	56.3
ASGROW	RX801	159	155*	162	21.1	3	0	56.8
WILSON	E5064	158	148	168	20.4	7	0	57.4
STINE	9801	158	140	176*	21.9	4	1	56.9
FEDERAL	FX39D	158	155*	161	20.9	4	1	56.9
NORTHRUP KING	N 6330 ##	157	148	165	20.3	3	1	57.4
LG SEEDS	NB 471	157	137	177*	19.8	5	0	57.3
ICI SEEDS	8330	157	143	170	22.0	3	0	57.5
KRUGER	K9514A	156	150	162	20.1	5	2	57.1

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Southeast Irrigated Corn Hybrid Test
Butler and Hamilton Counties – 1995. Page 2

Brand	Hybrid	Yield Average bu/a	Yield Butler bu/a	Yield Hamilton bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
DEKALB Genetics	DK580	156	143	168	18.0	4	0	56.8
AGRIPRO	AP619	156	151	161	20.8	2	1	56.1
OHLDE(MW Genetics)	312	155	144	165	19.7	4	0	56.2
LYNKS	2815	155	142	167	21.1	3	0	56.3
KRUGER	K9614A	155	134	175	20.7	2	0	57.3
ICI SEEDS	8541	155	136	173	19.8	8	0	57.3
CROW'S	496	154	149	159	20.1	6	1	55.7
CARGILL	7997 ##	154	141	166	22.3	4	0	57.1
WILSON	E4030	153	144	162	20.5	4	1	58.0
SANDS	SOI 9126	153	149	156	21.3	6	1	56.6
PIONEER	3394 ##	153	138	167	19.5	4	1	58.2
MYCOGEN	7050cb	153	148	158	19.3	2	1	57.8
CROW'S	445	153	148	158	20.9	6	1	57.1
CROW'S	510	153	136	170	19.9	4	0	55.8
CARGILL	5677	153	142	163	16.9	10	0	56.4
PAYCO	915	152	132	172	21.3	4	0	56.7
-----	N9077	151	142	160	21.3	7	0	56.1
CARGILL	7697	151	143	159	21.3	6	0	58.4
OHLDE(MW Genetics)	316	150	139	161	21.7	3	0	56.7
MILLER PREF	MP1091	150	142	158	19.9	5	0	57.3
CARGILL	8327	150	134	165	23.5	5	0	56.1
TERRA	TR1130	149	130	167	22.5	2	0	56.4
PIONEER	3417 ##	148	130	165	19.5	4	0	56.7
OTTILIE	2446	148	143	153	20.5	4	1	56.0
TRIUMPH	1452	147	138	156	20.4	5	1	56.6
TRIUMPH	2010	147	130	164	23.6	3	1	55.9
KRUGER	K9415	147	141	153	20.9	3	1	57.5
CROW'S	668	146	124	168	24.1	4	1	55.7
KRUGER	EX114	145	141	148	21.1	5	1	55.0
CROW'S	435	145	132	158	18.5	4	0	55.4
CIBA SEEDS	4581	144	132	155	23.2	4	0	56.8
TERRA	TR1185	142	124	159	26.6	7	2	55.5
MILLER PREF	MP1172	142	125	159	23.0	3	0	57.1
GALILEE	777	142	138	145	24.3	16	0	57.0
-----	B73 X N204	141	134	147	25.4	10	1	57.7
-----	N9078	138	122	153	22.9	9	1	56.5
-----	N9079	136	129	143	22.3	15	1	57.1
STINE	9703	133	126	139	18.6	6	0	57.1
LYNKS	2759	132	125	138	20.6	5	0	57.4
SEXAUER	SX 780	130	124	135	21.0	4	0	57.3
OTTILIE	2466	130	120	140	20.5	3	0	57.6
SANDS	SOI 9115	124	109	138	18.5	6	0	56.0
AVERAGE ALL ENTRIES		156	145	167	21.0	5	1	56.8
DIF. REQ. FOR SIG.	5%	16	21	19	1.5	5	1	0.8
	25%	9	12	11	0.9	3	1	0.5

Entered by UN–L Agronomy Department
** denotes top yielding hybrid at each location
* denotes hybrids not significantly different than top yielding hybrid at each location

Southeast Irrigated Corn Hybrid Tests 1991 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu	Plant height inches
		TWO YEAR AVERAGES					
CARGILL	7777	193	20.0	4	0	58.8	75
PAYCO	834	182	19.0	5	1	57.4	75
LYNKS	2868	182	22.0	3	0	56.9	73
MYCOGEN	7250cb	179	19.6	2	1	57.5	34
KRUGER	K9513	178	18.9	5	1	57.2	76
TERRA	TR1167	177	21.8	3	1	56.8	81
DEKALB Genetics	DK591	177	17.7	9	1	57.0	40
ASGROW	RX801	177	20.1	4	1	57.7	56
OHLDE(MW Genetc)	331	175	20.2	5	1	57.8	87
WILSON	E4030	173	18.8	4	1	58.8	77
RENZE	6345	173	18.7	7	1	57.1	72
OHLDE(MW Genetc)	315	173	18.5	6	1	57.1	111
RENZE	6425	170	19.9	3	1	56.8	54
CIBA SEEDS	4494	169	18.6	7	1	57.9	59
CARGILL	7697	169	19.6	9	1	59.2	29
BO–JAC	438	169	17.9	5	1	57.7	41
ASGROW	RX770	169	19.2	9	0	56.4	25
CROW'S	668	168	22.3	4	1	56.5	62
CARGILL	8327	168	22.0	4	0	56.8	66
SANDS	SOI 9081	167	18.7	6	1	58.0	50
DEKALB Genetics	DK626	166	17.8	9	1	56.2	84
CROW'S	510	165	18.9	4	1	56.5	63
MILLER PREF	MP1172	164	22.1	3	1	57.8	88
TRIUMPH	1452	163	19.4	4	1	57.1	45
ICI SEEDS	8543	163	18.4	6	1	57.2	83
TERRA	TR1130	162	20.8	3	1	57.3	79
NORTHRUP KING	N 6330	161	18.6	5	1	57.9	69
ICI SEEDS	8541	160	18.0	6	0	57.7	58
TRIUMPH	2010	159	22.0	3	1	56.8	39
LG SEEDS	LG 2632	159	19.2	5	1	57.8	21
TERRA	TR1185	157	24.6	7	2	56.4	122
PIONEER	3417	156	18.3	8	0	57.5	22
-----	B73 X N20	154	23.3	12	1	58.0	101
PIONEER	3394	154	18.0	7	1	58.7	29
SEXAUER	SX 780	140	18.9	5	1	57.6	20
Average All Entries		168	19.7	5	1	57.4	62
Dif. Req. for Sig.	5%	7	0.3	2	NS	0.2	NS
	25%	4	0.2	1	NS	0.1	NS

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Southeast Irrigated Corn Hybrid Tests 1991 – 1995. Page 2

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu	Plant height inches
		3 YEAR AVERAGES					
TERRA	TR1167	162	22.3	4	1	56.7	81
ASGROW	RX801	161	20.2	6	1	57.9	56
CARGILL	7697	158	20.4	11	1	58.9	29
CROW'S	668	158	22.8	6	1	56.5	62
OHLDE(MW Genetc)	331	157	20.4	8	1	57.4	87
CARGILL	8327	157	22.1	6	0	56.6	66
CIBA SEEDS	4494	156	18.7	9	1	57.6	59
BO–JAC	438	154	18.3	5	1	57.3	41
CROW'S	510	153	19.3	5	1	56.6	63
SANDS	SOI 9081	151	18.6	6	1	57.2	50
TRIUMPH	2010	149	22.3	5	1	56.7	39
NORTHRUP KING	N 6330	146	18.6	5	1	57.5	69
PIONEER	3394	145	18.7	5	1	58.4	29
TERRA	TR1185	139	24.3	10	1	56.2	122
PIONEER	3417	137	18.6	7	0	57.3	22
Average All Entries		152	20.4	7	1	57.3	58
Dif. Req. for Sig.	5%	5	0.3	NS	NS	0.2	NS
	25%	3	0.2	1	NS	0.1	NS
		4 YEAR AVERAGE					
CARGILL	7697	168	20.8	9	1	58.5	44
BO–JAC	438	164	18.8	4	1	57.2	26
PIONEER	3394	158	19.0	5	1	58.2	38
NORTHRUP KING	N 6330	156	19.2	5	1	57.2	49
PIONEER	3417	153	19.1	5	0	57.2	31
Average All Entries		160	19.4	6	1	57.7	38
Dif. Req. for Sig.	5%	NS	0.3	NS	NS	0.2	NS
	25%	5	0.2	1	NS	0.1	NS
		5 YEAR AVERAGES					
CARGILL	7697	177	19.8	7	1	59.0	44
NORTHRUP KING	N 6330	169	18.4	4	1	57.7	49
PIONEER	3417	166	18.2	4	0	57.8	31
Average All Entries		171	18.8	5	1	58.2	41
Dif. Req. for Sig.	5%	NS	0.3	NS	NS	0.2	NS
	25%	NS	0.1	1	NS	0.1	NS

East Central Dryland Corn Hybrid Tests
Cuming and Washington Counties – 1995

Brand	Hybrid	Yield Average bu/a	Yield Cuming bu/a	Yield Washington bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
CARGILL	7777	121	116*	126*	22.0	4	2	57.7
RENZE	6425	117	103	130**	21.7	4	0	55.8
RENZE	6345	115	106	124*	20.6	8	1	56.4
WILSON	1690	114	121**	107	21.6	3	2	57.6
MYCOGEN	7250cb	112	112*	111*	22.1	4	1	56.5
SEXAUER	EX 112	111	113*	109	20.8	6	1	56.1
PFISTER	2725	108	113*	103	21.8	5	2	56.0
MILLER PREF	MP1131	108	110*	105	20.5	5	1	56.2
DEKALB Genetics	DK580 ##	108	107*	108	19.5	5	1	58.1
CARGILL HYBRID	7997 ##	107	105	109	23.1	3	1	57.0
SEXAUER	EX 117	106	99	113*	21.8	8	1	57.0
RENZE	6386	105	82	128*	20.6	5	1	56.5
MYCOGEN	7050cb	105	113*	96	19.9	5	1	56.9
LYNKS	2815	105	96	114*	22.4	3	0	55.5
CARGILL	7697	105	98	112*	20.8	11	0	58.0
BO–JAC	438	105	103	106	20.4	7	2	56.7
STINE	9702	104	97	110*	20.3	3	1	56.8
PIONEER	3394 ##	104	106	101	20.9	12	2	57.6
KRUGER	K9315B–PT	104	101	106	22.4	5	1	57.8
DEKALB Genetics	DK616	104	99	109	20.3	10	1	56.5
WILSON	E4119	103	89	116*	22.1	4	1	56.7
DEKALB Genetics	DK591 ##	102	101	102	20.3	9	1	56.8
BO–JAC	409	102	96	107	20.4	8	1	56.6
BO–JAC	577	102	99	105	21.8	4	1	55.7
SANDS	SOI 9061	101	80	122*	18.5	4	3	57.1
LG SEEDS	7711	101	101	101	22.0	5	1	55.5
WILSON	E5064	100	76	123*	21.1	7	1	56.5
RENZE	6416	100	84	115*	22.8	10	1	57.0
PIONEER	3417 ##	100	95	104	20.9	4	1	56.7
KRUGER	K9614	100	89	110*	21.6	5	1	54.9
ASGROW	RX623T	100	97	103	19.6	10	2	57.1
AGRIPRO	AP9507	100	84	116*	20.5	4	1	57.7
KRUGER	K9514A	99	96	102	20.3	11	1	57.2
CROW'S	494	99	99	99	20.9	9	2	57.6
SEXAUER	SX 780	98	84	112*	20.7	5	3	57.0
M/W GENETICS	G 8445	98	100	96	22.2	6	1	57.0
CROW'S	510	98	95	100	22.0	7	3	56.2
CROW'S	685	98	92	104	23.6	3	5	55.3
RENZE	6370	97	91	103	21.4	12	2	56.5
NORTHRUP KING	N 6330 ##	97	89	105	20.9	3	2	57.1

Continued on page 2

East Central Dryland Corn Hybrid Tests. Page 2
Cuming and Washington Counties – 1995

Brand	Hybrid	Yield Average bu/a	Yield Cuming bu/a	Yield Washington bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
LG SEEDS	LG 2632	97	104	90	22.0	8	3	57.1
ASGROW	RX770	97	100	94	21.3	9	1	56.6
KRUGER	K9415A	96	92	99	21.3	8	4	56.9
DEKALB Genetics	DK566	96	87	105	18.8	6	1	56.4
CROW'S	435	96	83	108	20.3	7	1	55.8
OTTILIE	2446	95	85	104	21.5	6	2	55.4
DEKALB Genetics	DK626	95	92	97	22.0	9	2	55.2
OTTILIE	2466	94	88	99	20.6	5	3	57.2
M/W GENETICS	G 8440	94	86	101	21.7	17	2	56.9
LG SEEDS	NB 471	92	87	96	19.9	12	2	56.8
KRUGER	K9613A	92	80	104	21.1	14	2	56.2
KRUGER	K9410	91	97	85	20.0	5	2	56.7
ICI SEEDS	8543	91	91	90	20.8	5	2	56.1
HY–VIGOR SEEDS	7050	91	92	89	22.2	5	2	57.0
CARGILL	7557	90	84	95	21.4	15	1	58.6
FONTANELLE	5325	89	85	92	21.3	6	4	57.4
SANDS	SOI 9081	88	89	87	19.7	13	2	56.4
M/W GENETICS	X51120	88	67	108	21.1	8	0	56.6
-----	B73 X N204	85	91	78	24.3	11	1	56.7
LYNKS	2677	84	76	91	20.2	5	3	56.4
-----	N9079	81	82	80	23.0	18	2	57.0
-----	N9077	80	69	91	21.3	8	4	55.0
-----	N9078	77	66	88	24.3	10	2	56.6
SANDS	SOI 9115	72	51	93	19.0	8	2	56.5
Average All Entries		98	93	104	21.2	7	1	56.6
Dif. Req. for Sig.	5%	NS	14	20	1.4	7	NS	0.9
	25%	12	8	12	0.8	4	1	0.5

Entered by UN–L Agronomy Department
** denotes top yielding hybrid at each location
* denotes hybrids not significantly different than top yielding hybrid at each location

East Central Dryland Corn Hybrid Tests 1992 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		Two Year Averages				
CARGILL	7777	157	19.6	3	2	58.5
CARGILL	7697	144	18.7	8	0	58.7
RENZE	6425	143	18.9	3	0	56.5
BO–JAC	577	141	18.9	3	1	57.0
DEKALB Genetics	DK591	140	17.6	6	1	57.0
CROW'S	510	138	19.0	4	2	56.8
DEKALB Genetics	DK580	138	17.2	5	2	58.1
LG SEEDS	7711	136	19.1	3	1	56.8
OTTILIE	2446	135	19.0	4	2	56.7
M/W GENETICS	G 8445	133	19.3	4	1	57.7
MILLER PREF	MP1131	132	17.9	4	1	57.4
RENZE	6345	132	17.9	7	1	57.2
BO–JAC	438	131	17.8	6	1	57.6
PIONEER	3394	129	18.2	8	2	58.5
-----	B73 X N204	129	21.1	7	1	57.9
NORTHRUP KING	N 6330	127	18.3	4	2	57.7
SANDS	SOI 9081	117	17.7	9	2	57.4
ICI SEEDS	8543	116	18.4	5	2	56.9
PIONEER	3417	110	18.1	5	1	57.9
SEXAUER	SX 780	104	17.9	4	2	57.4
Average All Entries		131	18.5	5	1	57.5
Dif. Req. for Sig. 5%		NS	0.3	NS	1	0.4
25%		6	0.2	NS	1	0.2
		Three Year Averages				
CARGILL	7697	143	18.7	6	0	58.9
BO–JAC	577	138	18.7	3	1	57.1
CROW'S	510	136	19.0	4	2	57.2
DEKALB Genetics	DK591	136	17.7	4	1	56.8
OTTILIE	2446	135	18.7	3	2	56.9
M/W GENETICS	G 8445	134	19.2	4	1	57.8
PIONEER	3394	133	18.3	6	2	58.5
NORTHRUP KING	N 6330	128	18.3	4	1	57.8
SANDS	SOI 9081	120	17.6	7	2	57.6
PIONEER	3417	107	17.8	5	0	57.8
Average All Entries		131	18.4	5	1	57.7
Dif. Req. for Sig. 5%		6	0.3	NS	1	0.3
25%		4	0.1	NS	1	0.2
		Four Year Averages				
CARGILL	7697	160	19.9	5	0	58.1
PIONEER	3417	126	18.6	4	0	57.7
Average All Entries		143	19.2	5	0	57.9
Dif. Req. for Sig. 5%		NS	NS	NS	NS	NS
25%		6	0.2	NS	NS	NS

South Central Irrigated Corn Hybrid Test
Clay County – 1995

Brand	Hybrid	Grain Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ears pct
HAWKEYE	SX62	194**	16.3	4	1
MILLER PREF	MP1131	191*	14.9	3	2
PAYCO	834	187*	15.5	3	2
KRUGER	K9616B	186*	16.1	4	1
OTTILIE	2467	184*	15.4	4	1
LG SEEDS	LG 2583	181*	15.5	4	1
COOP	7727	180*	15.4	7	1
CARGILL	X7507	179*	15.3	2	2
RENZE	6370	178*	16.6	15	1
RENZE	6416	177*	16.1	2	0
RENZE	6425	177*	15.0	3	0
FONTANELLE	5335	176*	15.0	4	2
STINE	9801	175*	15.7	5	2
PAYCO	915	174	15.8	4	3
OHLDE(MW Genetc)	315	174	14.9	2	2
CARGILL	7777	173	15.8	4	1
PAYCO	902	171	15.5	19	3
OTTILIE	2562	169	15.7	11	3
LG SEEDS	NB 6842	169	15.6	12	1
ASGROW	RX770	169	14.8	6	2
OHLDE(MW Genetc)	331	168	16.2	5	2
LYNKS	2725	168	15.7	5	3
WILSON	E5064	167	15.5	5	2
MYCOGEN	7250cb	166	15.2	4	0
MILLER PREF	MP1161	166	15.9	6	1
LYNKS	2759	166	15.7	4	0
CROW'S	496	166	14.6	5	1
CIBA SEEDS	4494	166	14.6	9	0
CARGILL	7997 ##	165	16.3	4	0
HAWKEYE	SX81	164	15.3	14	2
CROW'S	510	164	14.2	4	4
CARGILL	7557	164	15.6	6	0
DEKALB Genetics	DK591 ##	163	13.6	7	1
COOP	7820	163	15.8	13	2
TRIUMPH	1522	162	15.8	6	2
OHLDE(MW Genetc)	309	162	15.2	3	1
OHLDE(MW Genetc)	316	162	15.2	3	0
MILLER PREF	MP1141	162	15.5	7	3
KRUGER	K9614A	162	15.4	4	1
KRUGER	K9513	162	15.5	6	1
CROW'S	668	162	15.9	8	1
HAWKEYE	7979	161	15.7	10	3
CARGILL	7697	161	15.2	11	1
KRUGER	K9514A	160	14.2	9	1
KRUGER	K9616A	159	15.1	3	0
DEKALB Genetics	DK592SR	159	14.3	4	2

Continued on page 2

South Central Irrigated Corn Hybrid Test
Clay County – 1995. Page 2

Brand	Hybrid	Grain Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ears pct
TRIUMPH	2010	158	16.1	7	0
OTTILIE	2482X	158	15.5	2	1
FONTANELLE	5325	158	16.2	4	1
WILSON	1581	157	14.4	7	3
TERRA	TR1167	157	16.2	6	0
RENZE	6386	157	15.5	6	2
DEKALB Genetics	DK652	157	15.1	7	1
SANDS	SOI 9140	156	16.4	8	2
DEKALB Genetics	DK676	156	18.4	12	0
CROW'S	445	156	14.5	8	2
DEKALB Genetics	DK626	155	14.1	13	2
COOP	7810	154	17.2	6	3
NORTHRUP KING	N 6330 ##	153	14.7	7	3
LYNKS	2689	153	14.6	8	4
CARGILL	8327	153	16.2	9	2
MILLER PREF	MP1091	152	14.5	11	1
ASGROW	RX801	152	15.1	9	0
TERRA	TR1091	151	13.9	10	2
NC+	4616	151	14.9	7	2
STINE	9704	150	13.5	12	4
LG SEEDS	LG 2632	150	14.4	21	1
SANDS	SOI 9166	149	15.8	9	1
LYNKS	2868	149	15.6	10	4
LG SEEDS	7711	149	13.8	8	4
WILSON	E4030	148	15.0	4	2
TRIUMPH	1452	148	14.4	5	2
TERRA	TR1094	147	13.8	9	4
GOLDEN HARVEST	H–2493 ##	147	14.1	7	5
CIBA SEEDS	4581	147	15.3	8	1
ASGROW	RX893	147	15.6	7	1
TERRA	TR1126	146	15.6	6	0
MYCOGEN	7050cb	145	14.1	7	0
-----	B73 X N204	144	17.1	15	2
OHLDE(MW Genetc)	312	144	14.4	8	1
-----	N9078	142	16.1	10	5
PIONEER	3394 ##	137	14.6	9	2
-----	N9077	135	14.5	9	5
-----	N9079	134	15.9	42	4
AVERAGE ALL ENTRIES		160	15.3	8	2
DIF. REQ. FOR SIG.	5%	19	0.7	5	2
	25%	11	0.4	3	1

Entered by UN–L Agronomy Department
** denotes top yielding hybrid at each location
* denotes hybrids not significantly different than top yielding hybrid at each location

South Central Irrigated Corn Hybrid Tests 1994 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		TWO YEAR AVERAGES				
CARGILL	7777	198	17.7	5	1	45
DEKALB Genetics	DK652	194	17.4	8	1	45
RENZE	6425	191	17.3	4	0	47
OHLDE(MW Genetc)	331	188	18.0	7	2	43
PAYCO	902	185	17.6	17	3	40
CARGILL	7557	183	17.3	9	0	48
KRUGER	K9513	183	16.9	8	1	40
PAYCO	834	182	16.9	6	2	41
MILLER PREF	MP1161	182	18.1	9	1	56
CROW'S	510	181	16.8	6	4	52
CROW'S	668	180	18.3	8	1	61
DEKALB Genetics	DK591 ##	179	16.2	9	1	44
CIBA SEEDS	4494	179	16.5	9	0	43
CARGILL	7697	179	17.4	11	1	44
TERRA	TR1091	178	16.1	8	2	48
COOP	7820	178	17.5	12	2	44
TERRA	TR1126	177	17.3	5	0	38
ASGROW	RX770	177	17.2	10	2	41
HAWKEYE	7979	176	17.9	10	3	42
TRIUMPH	2010	176	18.4	10	0	58
TERRA	TR1167	175	18.4	8	0	62
OHLDE(MW Genetc)	315	175	17.0	8	2	39
LYNKS	2868	174	18.1	9	4	60
CROW'S	445	173	16.8	9	2	38
CARGILL	8327	172	18.4	9	2	56
LYNKS	2689	171	16.5	10	4	40
MYCOGEN	7250cb	171	17.2	10	0	37
ASGROW	RX801	170	17.5	10	0	57
-----	B73 X N204	169	19.7	11	2	42
NORTHRUP KING	N 6330 ##	169	16.5	10	3	44
TRIUMPH	1452	168	16.6	5	2	50
GOLDEN HARVEST	H–2493 ##	167	15.6	9	5	36
NC+	4616	166	17.0	10	2	44
NC+	4616 ##	166	17.0	10	2	44
SANDS	SOI 9140	163	18.5	10	2	48
LG SEEDS	LG 2632	159	16.8	20	1	61
PIONEER	3394 ##	152	16.1	16	2	45
Average All Entries		176	17.3	9	2	46
Dif. Req. for Sig.	5%	NS	0.4	3	NS	NS
	25%	5	0.2	2	NS	NS

Data from this zone missing for 1993. Only 2 duplicates from 1992.

Holt County Irrigated Corn Hybrid Test 1995

Brand	Hybrid	Grain Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct
RENZE	6345	137	15.7	11	3
SANDS	SOI 9045	131	15.5	5	2
TERRA	TR1087	130	15.5	6	3
STINE	9501	130	14.5	7	3
ASGROW	RX623T	130	14.6	10	1
HAWKEYE	SX44A	124	15.7	7	3
KRUGER	K9614	122	15.0	9	1
JACOBSEN	JS56	122	16.1	10	3
OHLDE(MW Genetc)	331	121	16.5	16	2
OHLDE(MW Genetc)	316	121	16.1	11	4
CARGILL	6303	120	14.9	16	5
OHLDE(MW Genetc)	309	118	16.0	7	2
GOLDEN HARVEST	H-2390 ##	118	15.5	9	0
DEKALB Genetics	DK580 ##	118	14.6	14	4
SEXAUER	EX 112	117	16.0	6	2
SEXAUER	SX 780	116	15.4	12	2
WILSON	1581	115	14.8	5	1
RENZE	6425	115	15.4	7	2
KRUGER	K9614A	115	15.6	10	3
HAWKEYE	SX55	114	16.0	14	8
WILSON	E4079	112	14.9	18	5
RENZE	6416	112	16.4	8	2
AGRIPRO	AP9565	112	15.7	5	2
ICI SEEDS	8543	110	15.5	10	2
PAYCO	754	108	15.0	13	3
HY-VIGOR SEEDS	6880	108	15.3	18	4
DEKALB Genetics	DK566	107	14.6	19	5
OTTILIE	2444	106	15.5	15	3
LYNKS	2677	105	15.5	11	2
DEKALB Genetics	DK564 ##	105	14.7	14	4
KRUGER	K9613A	104	15.9	9	3
RENZE	6386	103	15.7	7	2
ICI SEEDS	8565	103	14.4	13	2
ICI SEEDS	8400	103	15.0	23	5
SANDS	SOI 9061	102	15.4	13	6
LG SEEDS	6575	102	14.6	13	4
CARGILL	7557	102	16.5	9	3
MYCOGEN	6220	101	15.3	12	4
PIONEER	3417 ##	99	15.0	10	4
LYNKS	2674	99	15.0	9	2
JACOBSEN	JS45A	99	16.1	15	7
ICI SEEDS	8541	99	14.9	16	4
HAWKEYE	SX37	99	16.1	9	1

Continued on page 2

Holt County Irrigated Corn Hybrid Test 1995. Page 2

Brand	Hybrid	Grain Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct
ASGROW	RX484	99	14.3	5	5
OTTILIE	2453	98	15.3	8	0
M/W GENETICS	G 8445	98	16.3	18	5
CARGILL	6997	97	16.2	9	1
ASGROW	RX450	97	15.8	11	3
DEKALB Genetics	DK560	96	14.8	17	3
PAYCO	814	94	15.4	11	2
KRUGER	K9514A	94	15.4	8	4
TERRA	TR1126	93	15.5	10	2
TERRA	TR1094	92	14.1	7	4
SANDS	SOI 9074	92	15.3	15	2
OHLDE(MW Genetc)	312	92	16.7	14	3
TERRA	TR1091	91	14.7	12	5
CROW'S	365	91	14.6	15	3
LG SEEDS	LG 2511	90	14.8	16	5
-----	B73 X N204	89	17.1	13	4
M/W GENETICS	G 7940	89	15.2	18	3
WILSON	1690	88	11.8	9	5
SANDS	SOI 9115	88	14.9	14	5
M/W GENETICS	G 8440	88	15.0	13	3
LYNKS	2595	88	14.6	13	3
CROW'S	445	85	15.8	11	4
FONTANELLE	4193	83	15.4	14	3
STINE	9601	82	16.1	16	3
LG SEEDS	NB 471	80	15.2	8	3
SEXAUER	SX 730	77	15.3	16	5
MILLER PREF	MP1121	77	15.0	14	5
JACOBSEN	JS69	77	15.7	12	7
CARGILL	4327	64	14.7	13	5
AVERAGE ALL ENTRIES		102	15.3	12	3
DIF. REQ. FOR SIG.	5%	27	1.5	8	NS
	25%	16	0.9	5	NS

This test had considerable variability. Results may be difficult to interpret.

Entered by UN–L Agronomy Department

Northeast Irrigated Corn Hybrid Tests. 1993–1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct
		TWO YEAR AVERAGES			
RENZE	6345	146	16.6	8	2
CARGILL	6303	137	16.2	11	3
JACOBSEN	JS56	137	17.2	10	2
HAWKEYE	SX44A	136	17.3	5	2
M/W GENETICS	G 8445	134	17.7	12	3
OHLDE(MW Genetc)	331	133	17.7	12	1
DEKALB Genetics	DK560	132	17.2	13	2
ICI SEEDS	8400	130	17.0	15	3
WILSON	1581	129	16.1	5	1
DEKALB Genetics	DK580	129	15.5	12	2
PAYCO	754	128	15.9	9	2
ICI SEEDS	8543	128	16.3	7	1
CARGILL	7557	128	17.4	8	2
TERRA	TR1091	126	16.6	8	3
MYCOGEN	6220	126	16.6	8	3
SANDS	SOI 9061	125	15.8	9	3
DEKALB Genetics	DK564	125	15.5	12	2
GOLDEN HARVEST	H–2390	124	15.3	6	0
-----	B73 X N204	123	19.1	10	2
LG SEEDS	6575	120	15.5	11	2
OTTILIE	2444	119	16.5	11	2
ICI SEEDS	8541	116	16.0	11	2
TERRA	TR1126	115	16.7	8	1
OHLDE(MW Genetc)	312	115	17.7	10	2
LYNKS	2595	113	15.9	8	2
SEXAUER	SX 780	111	16.0	9	1
PIONEER	3417	111	15.9	8	2
SEXAUER	SX 730	98	16.1	11	3
Average All Entries		125	16.5	9	2
Dif. Req. for Sig.	5%	NS	0.8	NS	NS
	25%	NS	0.4	2	NS
		THREE YEAR AVERAGES			
M/W GENETICS	G 8445	153	19.8	8	2
DEKALB Genetics	DK580	150	17.5	8	1
OHLDE(MW Genetc)	331	146	19.8	9	1
SANDS	SOI 9061	140	17.4	7	2
LG SEEDS	6575	134	17.2	8	1
PIONEER	3417	129	17.9	6	1
ICI SEEDS	8543	127	18.1	5	1
SEXAUER	SX 730	114	17.9	8	2
Average All Entries		137	18.2	7	1
Dif. Req. for Sig.	5%	NS	0.4	NS	NS
	25%	7	0.2	NS	NS

West Central Ecofallow Corn Hybrid Test
Lincoln and Perkins Counties – 1995

Brand	Hybrid	Yield Average bu/a	Yield Lincoln bu/a	Yield Perkins bu/a	Grain moistur pct	Broke stalk pct	Dropp ear pct	Bushel weight lb/bu
GOLDEN HARVEST	H–2441 ##	84	.	84**	15.9	3	0	53.2
CIBA SEEDS	4303 ##	82	.	82*	16.5	3	1	56.2
WILSON	1640	80	76*	84**	17.6	1	0	53.7
GOLDEN HARVEST	H–2404 ##	76	.	76*	16.2	3	0	56.4
DEKALB Genetics	DK566	73	79**	66	17.1	5	4	53.0
CIBA SEEDS	4365 ##	73	.	73*	17.0	3	1	56.8
PIONEER	3655 ##	69	.	69	15.9	4	2	55.3
BO–JAC	299	67	62	71*	16.2	2	1	55.0
GARST	8561 IT ##	66	.	66	16.2	1	1	53.5
CIBA SEEDS	4393 ##	65	.	65	17.0	2	1	53.9
PIONEER	3531 ##	64	.	64	14.9	4	1	54.5
PIONEER	3733 ##	63	.	63	15.9	10	3	56.7
BO–JAC	438	62	69*	54	18.1	5	3	53.0
-----	B73 X N204	52	70*	34	22.0	8	1	52.4
PIONEER	3769 ##	47	.	47	14.9	4	1	54.5
BO–JAC	577	45	58	31	19.8	3	0	51.3
Average All Entries		66	69	65	17.1	4	1	54.4
Dif. Req. for Sig.	5%	NS	10	13	NS	NS	NS	1.1
	25%	NS	6	7	NS	NS	NS	0.6

Entered by UN–L Agronomy Department
** denotes top yielding hybrid at each location
* denotes hybrids not significantly different than top yielding hybrid at each location

Central Irrigated Corn Hybrid Test
Custer and Dawson Counties – 1995

Brand	Hybrid	Yield Average bu/a	Yield Custer bu/a	Yield Dawson bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
OHLDE(MW Genetc)	309	174	161**	186*	20.4	2	0	52.9
FONTANELLE	5335	172	156*	187*	19.8	3	0	51.4
PAYCO	834	171	153*	188*	20.4	3	0	52.2
MILLER PREF	MP1131	171	157*	185*	19.5	2	0	52.5
HAWKEYE	SX55	171	159*	182*	20.6	2	0	53.6
BO–JAC	409	171	155*	186*	20.2	4	0	51.9
OHLDE(MW Genetc)	315	170	152*	187*	19.6	2	0	53.1
HAWKEYE	SX44A	170	154*	186*	19.9	5	0	52.6
PAYCO	902	169	140	197**	22.4	4	0	52.7
HAWKEYE	SX62	169	151*	187*	22.5	3	0	52.0
KAYSTAR	KX–777	168	159*	177*	19.6	4	0	52.6
CROW'S	445	166	157*	174	19.7	2	0	53.4
PAYCO	814	164	156*	172	19.9	2	0	53.3
AGRIPRO	AP619	164	153*	175	20.8	1	1	52.1
PAYCO	915	163	138	188*	21.5	3	0	52.5
LYNKS	2725	163	140	185*	20.0	1	0	53.1
LYNKS	2689	162	152*	172	20.0	3	0	53.9
OTTILIE	2444	161	155*	166	20.0	4	0	53.6
BO–JAC	580	161	142	180*	21.9	3	0	51.9
ASGROW	RX770	161	139	183*	20.8	4	0	51.0
MILLER PREF	MP1091	160	149*	170	19.5	2	0	53.6
BO–JAC	438	158	147*	168	20.1	4	0	52.9
WILSON	1581	157	142	171	19.4	5	0	53.4
OHLDE(MW Genetc)	316	157	134	179*	20.8	2	0	52.7
LG SEEDS	NB 471	157	144*	169	20.0	6	1	52.6
OHLDE(MW Genetc	226	156	139	172	20.2	4	0	53.4
MYCOGEN	6220	156	139	173	19.4	4	0	53.7
OTTILIE	2433	155	134	175	18.0	1	0	53.1
DEKALB Genetics	DK566	155	142	167	17.7	5	1	53.3
DEKALB Genetics	DK591 ##	154	147*	161	19.3	5	0	52.1
OHLDE(MW Genetc)	312	151	141	160	22.1	5	0	50.8
DEKALB Genetics	DK560	151	141	161	18.0	5	0	55.0
OHLDE(MW Genetc)	331	150	124	176	22.1	2	0	52.3
CROW'S	510	150	140	160	22.3	4	1	50.7
WILSON	1432	148	136	159	17.7	2	0	53.7
SUPERIOR	SP–5592	148	139	157	19.7	2	0	52.2
BO–JAC	525	148	137	159	19.5	2	0	52.3
WILSON	E4079	147	138	156	18.5	7	0	52.6
DEKALB Genetics	DK616	147	135	158	20.7	7	0	51.0
PAYCO	754	145	128	162	18.6	10	0	52.3

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Central Irrigated Corn Hybrid Test
Custer and Dawson Counties – 1995. Page 2

Brand	Hybrid	Yield Average bu/a	Yield Custer bu/a	Yield Dawson bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
CROW'S	435	145	138	151	17.4	3	1	52.2
LG SEEDS	LG 2560	144	134	154	22.1	2	0	51.0
SUPERIOR	SP–4596	143	133	152	19.1	5	1	53.6
MYCOGEN	7050cb	143	128	158	18.5	8	0	54.8
STURDY GROW	SG765W	142	124	160	23.5	12	0	51.5
LYNKS	2759	141	122	159	21.9	4	0	53.8
CROW'S	668	141	110	172	25.1	2	0	50.2
LG SEEDS	LG 2511	140	131	148	18.3	5	1	53.8
CIBA SEEDS	4494	139	135	143	18.4	6	0	53.5
CARGILL	5547	139	140	138	18.5	3	1	54.8
CARGILL	5677	139	126	152	17.4	6	1	52.4
-----	N9077	133	124	141	23.7	8	1	49.8
ASGROW	RX801	130	108	151	21.7	2	0	51.8
-----	N9078	129	97	160	24.5	20	0	51.0
KAYSTAR	KX–909	129	122	136	22.0	2	0	50.5
-----	B73 X N204	126	111	140	25.1	15	0	52.2
ASGROW	RX893	126	87	165	27.6	7	0	49.3
STURDY GROW	SG797W	123	97	149	26.2	15	0	51.3
-----	N9079	119	98	140	26.4	17	0	50.7
PREMIUM SEED	P248	115	74	156	24.0	2	1	50.9
CIBA SEEDS	4475	113	110	115	18.1	6	2	53.5
STURDY GROW	SG755W	112	96	128	24.1	11	1	51.3
STURDY GROW	SG777W	107	101	112	23.2	10	2	53.3
Average All Entries		149	134	165	20.7	5	0	52.4
Dif. Req. for Sig.	5%	23	18	20	3.4	NS	1	1.2
	25%	13	11	12	2.0	5	0	0.7

Entered by UN–L Agronomy Department
** denotes top yielding hybrid at each location
* denotes hybrids not significantly different than top yielding hybrid at each location

Central Irrigated Corn Hybrid Tests 1993 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		TWO YEAR AVERAGES				
PAYCO	902	206	24.5	3	0	53.4
HAWKEYE	SX44A	201	21.9	3	0	53.0
OHLDE(MW Genetc)	315	200	21.9	2	0	53.2
PAYCO	834	197	22.0	2	1	53.6
LYNKS	2689	196	22.3	2	0	53.8
DEKALB Genetics	DK591	196	22.0	4	0	52.2
DEKALB Genetics	DK566	195	18.6	3	1	53.8
PAYCO	814	194	22.4	2	0	53.6
OTTILIE	2444	193	21.5	3	0	53.8
DEKALB Genetics	DK560	193	19.9	3	0	55.1
WILSON	1581	191	22.2	3	0	53.7
MYCOGEN	6220	191	22.3	2	0	53.5
MILLER PREF	MP1091	191	22.5	2	0	52.9
OHLDE(MW Genetc)	312	190	24.2	3	0	52.5
ASGROW	RX770	190	23.0	2	0	51.7
OHLDE(MW Genetc)	226	189	22.0	2	0	54.0
CROW'S	510	189	24.0	2	1	51.9
BO–JAC	438	188	21.8	3	0	53.8
SUPERIOR	SP–5592	187	22.8	1	0	52.6
CROW'S	668	187	26.5	2	0	52.2
WILSON	1432	185	19.8	2	0	54.3
CIBA SEEDS	4494	183	21.1	4	0	54.0
CARGILL	5547	182	21.0	2	1	55.1
KAYSTAR	KX–909	172	24.5	1	0	51.3
-----	B73 X N204	169	27.5	9	0	53.0
Average All Entries		190	22.5	3	0	53.2
Dif. Req. for Sig.	5%	6	0.6	NS	0	0.6
	25%	3	0.3	1	0	0.4
		THREE YEAR AVERAGES				
PAYCO	902	194	24.0	5	0	53.9
PAYCO	814	185	21.5	2	1	54.2
DEKALB Genetics	DK591	184	21.2	5	0	52.8
CROW'S	668	184	25.6	5	0	52.5
SUPERIOR	SP–5592	183	22.2	3	0	52.9
BO–JAC	438	180	21.2	3	0	54.1
CROW'S	510	179	23.0	2	1	53.0
KAYSTAR	KX–909	177	23.7	3	0	52.0
CIBA SEEDS	4494	177	21.0	11	0	54.1
Average All Entries		182	22.6	4	0	53.3
Dif. Req. for Sig.	5%	NS	0.4	NS	NS	0.5
	25%	NS	0.3	1	0	0.3

West Central Irrigated Corn Hybrid Test
Lincoln and Dundy County – 1995

Brand	Hybrid	Yield Average bu/a	Yield Lincoln bu/a	Yield Dundy bu/a	Grain moisture pct	Broken stalk pct	Droppe ear pct	Bushel weight lb/bu
NC+	4919	198	196*	200**	18.8	3	1	50.8
PAYCO	834	197	200*	194*	17.4	4	1	51.8
CROW'S	445	194	203*	185*	16.2	5	1	53.3
KAYSTAR	KX–777	193	195*	190*	17.5	5	1	52.3
FONTANELLE	5335	193	196*	189*	17.1	3	1	51.7
MYCOGEN	6220	192	201*	183*	16.3	7	1	53.0
MILLER PREF	MP1131	191	198*	183*	17.4	4	1	52.1
BO–JAC	409	191	195*	187*	17.2	5	1	50.9
HAWKEYE	SX62	190	180	200**	18.5	4	1	52.2
WILSON	1581	189	200*	177	16.3	6	1	53.6
BO–JAC	438	189	203*	174	16.3	8	1	53.0
BO–JAC	580	189	192*	186*	18.6	4	1	51.1
SUPERIOR	SP–5396	188	194*	181	17.1	7	1	52.3
PAYCO	814	188	195*	181	16.3	7	2	53.4
MYCOGEN	7250cb	188	182	194*	18.7	3	1	51.2
MILLER PREF	MP1091	187	201*	172	16.5	6	1	52.5
KAYSTAR	KX–909	187	194*	179	17.7	2	1	49.7
PAYCO	902	186	205**	167	18.1	15	5	52.5
OTTILIE	2444	186	200*	172	16.3	10	1	52.8
DEKALB Genetics	DK616	186	197*	175	16.1	7	1	50.8
NC+	5445	185	183	186*	17.6	4	1	52.5
LYNKS	2725	184	190	178	17.1	3	1	52.1
DEKALB Genetics	DK580 ##	184	193*	174	15.5	10	1	53.5
PAYCO	915	182	178	186*	18.3	3	2	52.3
OTTILIE	2482	180	190	169	18.2	4	0	50.4
CIBA SEEDS	4494	180	191*	169	15.6	5	1	54.6
LYNKS	2815	179	176	182*	18.0	2	1	51.3
DEKALB Genetics	DK591 ##	178	193*	162	15.7	13	1	51.9
CROW'S	496	178	175	181	17.1	5	2	51.4
BO–JAC	525	178	195*	160	16.1	5	2	52.0
CARGILL	7557	177	200*	153	17.2	15	0	54.2
WILSON	1432	176	191*	161	14.9	8	1	54.3
PAYCO	754	173	180	165	15.9	11	1	52.0
LG SEEDS	6575	172	187	156	14.8	9	2	54.2
CROW'S	510	172	178	166	16.3	11	2	51.3
CROW'S	365	171	177	165	15.2	4	3	53.0
SUPERIOR	SP–4596	170	164	175	15.5	4	3	54.1
LYNKS	2759	170	174	166	17.3	6	1	52.5
LG SEEDS	LG 2560	170	181	159	17.8	5	3	51.0
LG SEEDS	7711	169	185	152	16.4	11	3	52.6
WILSON	E4079	162	176	148	15.9	14	1	52.1
AGRIPRO	HS9843	161	169	153	19.4	6	1	50.2
CARGILL	5677	159	195*	122	14.1	16	3	54.0
CIBA SEEDS	4475	155	192*	117	13.6	5	5	55.8
-----	B73 X N204	154	165	142	22.3	10	2	50.5
Average All Entries		180	189	172	16.8	6	1	52.3
Dif. Req. for Sig.	5%	NS	14	18	1.5	5	NS	1.7
	25%	16	8	10	0.9	3	1	1.0

Entered by UN–L Agronomy Department
** denotes top yielding hybrid at each location
* denotes hybrids not significantly different than top yielding hybrid at each location

West Central Irrigated Corn Hybrid Tests 1993 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		TWO YEAR AVERAGES				
PAYCO	834	185	15.6	4	1	55.9
MYCOGEN	7250cb	183	16.4	4	1	56.0
OTTILIE	2482	181	17.1	4	1	54.2
LG SEEDS	7711	177	14.9	9	2	55.9
DEKALB Genetics	DK580 ##	176	13.9	7	1	56.3
KAYSTAR	KX–909	175	17.0	3	1	53.8
BO–JAC	438	175	14.6	7	1	56.8
WILSON	1581	174	14.5	5	1	56.0
MYCOGEN	6220	174	14.6	6	1	50.8
CROW'S	510	174	15.0	10	2	55.2
-----	B73 X N204	173	19.7	8	2	55.2
PAYCO	814	173	14.5	6	2	56.0
DEKALB Genetics	DK591 ##	172	14.2	10	1	55.2
PAYCO	754	170	14.3	9	1	55.2
CIBA SEEDS	4494	170	14.5	5	1	57.7
CARGILL	7557	169	15.0	14	1	58.1
MILLER PREF	MP1091	168	14.7	5	1	56.0
WILSON	1432	161	13.4	5	1	56.6
Average All Entries		174	15.2	7	1	55.6
Dif. Req. for Sig.	5%	NS	0.5	2	NS	NS
	25%	NS	0.3	1	NS	NS
		THREE YEAR AVERAGES				
LG SEEDS	7711	181	17.1	6	2	54.9
CROW'S	510	179	17.1	7	1	54.3
BO–JAC	438	179	16.5	5	1	56.2
DEKALB Genetics	DK591 ##	177	16.3	7	1	54.4
CIBA SEEDS	4494	175	16.8	4	1	56.4
Average All Entries		178	16.7	6	1	55.3
Dif. Req. for Sig.	5%	NS	NS	NS	NS	0.4
	25%	NS	0.1	1	NS	0.2

Southwest Ecofallow Corn Hybrid Tests
Hayes and Red Willow Counties – 1995

Brand	Hybrid	Average bu/a	Yield Hayes bu/a	Red Willow bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
OTTILIE	2466	62	84**	39	17.3	6	3	55.8
NC+	4616 ##	59	65*	52**	19.6	5	5	51.2
PAYCO	915	58	78*	38	19.4	4	5	53.6
PAYCO	902	56	67*	45	19.7	6	10	52.4
MILLER PREF	MP1091	54	70*	37	18.4	4	9	52.3
PAYCO	834	51	71*	30	18.5	9	7	53.3
PAYCO	814	48	76*	19	19.7	2	8	53.4
BO–JAC	577	47	55	38	20.7	4	7	48.7
BO–JAC	299	47	64*	30	17.8	5	10	53.7
BO–JAC	438	47	67*	26	18.1	4	15	52.2
LYNKS	2868	43	48	37	23.8	13	15	48.1
CROW'S	365	42	57	27	18.3	3	18	52.3
CARGILL	6303	40	53	26	16.5	1	8	54.7
NC+	5037	40	58	22	21.0	4	5	49.6
CARGILL	4327	39	55	23	17.9	1	10	56.1
-----	B73 X N204	38	56	19	21.9	10	3	50.7
CROW'S	435	37	41	32	19.1	17	7	52.5
Average All Entries		48	63	33	19.3	5	8	52.4
Dif. Req. for Sig.	5%	NS	23	NS	NS	NS	NS	NS
	25%	NS	13	13	2.0	NS	NS	NS

Entered by UN–L Agronomy Department
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Southwest Ecofallow Corn Hybrid Tests
1994 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Droppe ear pct	Bushel weight lb/bu
		TWO YEAR AVERAGES				
BO–JAC	577	80	19.6	3	4	52.8
LYNKS	2868	75	21.4	7	8	52.3
BO–JAC	438	75	16.9	3	8	55.4
MILLER PREF	MP1091	72	16.9	2	5	55.3
NC+	5037	71	19.6	3	3	53.3
CARGILL	4327	70	16.3	1	5	57.1
-----	B73 X N204	68	21.4	6	2	53.9
CARGILL	6303	68	15.1	1	4	56.0
Average All Entries		72	18.4	3	5	54.5
Dif. Req. for Sig.	5%	NS	0.6	NS	NS	NS
	25%	NS	0.3	NS	NS	0.7

Southwest Irrigated Corn Hybrid Test
Furnas and Red Willow Counties – 1995

Brand	Hybrid	Average bu/a	Yield Furnas bu/a	Red Willow bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
PAYCO	834	191	187*	195*	17.0	6	1	57.8
MYCOGEN	7250cb	189	175*	203*	18.5	17	0	57.7
ASGROW	RX893	186	189**	182	18.5	17	0	56.5
KAYSTAR	KX–777	181	154	208**	17.1	4	1	57.7
BO–JAC	580	181	169*	192*	18.2	9	0	57.6
OHLDE(MW Genetc)	315	180	166*	194*	17.6	5	1	58.5
PAYCO	915	178	166*	189*	17.8	7	0	58.6
PAYCO	902	177	169*	185*	18.8	18	3	57.9
OTTILIE	2482	176	168*	183	18.5	12	0	57.3
OHLDE(MW Genetc)	309	176	154	197*	16.7	3	1	58.2
DEKALB Genetics	DK652	175	168*	182	18.2	20	1	56.4
SUPERIOR	SP–7633	174	173*	174	18.0	18	0	58.1
OHLDE(MW Genetc)	331	174	169*	178	19.0	23	1	58.4
NC+	5445	174	173*	175	17.8	16	0	58.0
CROW'S	668	174	169*	178	18.6	14	1	58.9
CARGILL	X7507	173	152	194*	16.8	10	1	59.4
PAYCO	952	172	179*	164	18.7	16	0	57.5
LYNKS	2868	172	173*	171	17.9	9	1	57.6
BO–JAC	525	172	150	193*	16.4	7	0	58.2
AGRIPRO	HS9843	172	176*	168	18.8	16	1	57.1
NC+	6959	171	173*	168	18.7	17	1	57.7
KAYSTAR	KX–909	171	155	187*	17.7	8	0	57.5
CROW'S	496	171	151	190*	17.6	23	0	57.2
MILLER PREF	MP1161	170	173*	166	18.3	23	2	57.6
CROW'S	445	170	133	207*	17.2	6	2	58.1
OHLDE(MW Genetc)	226	169	141	196*	16.5	5	1	57.8
CIBA SEEDS	4494	169	159*	178	17.7	22	0	58.7
LG SEEDS	7711	168	163*	172	17.0	15	1	58.0
CARGILL HYBRID	7997 ##	168	152	183	18.7	13	1	59.2
BO–JAC	409	168	146	190*	17.8	7	1	57.4
TRIUMPH	1522	167	149	184	18.9	20	2	58.0
MILLER PREF	MP1141	167	168*	165	19.1	24	1	58.0
LG SEEDS	NB 6842	166	146	186*	18.7	12	3	57.9
SUPERIOR	SP–6896	165	182*	148	18.5	5	0	58.1
OHLDE(MW Genetc)	316	165	143	186*	18.2	12	1	57.7
LYNKS	2815	164	168*	160	17.8	18	0	57.6
OTTILIE	2562	163	154	172	18.6	17	1	58.0
MYCOGEN	6220	162	141	183	17.3	8	1	58.3
LG SEEDS	LG 2632	161	150	171	17.1	23	7	58.7
DEKALB Genetics	DK676	161	151	171	20.0	18	0	58.5

Continued on page 2

Southwest Irrigated Corn Hybrid Test. Page 2
Furnas and Red Willow Counties – 1995

Brand	Hybrid	Average bu/a	Yield Furnas bu/a	Red Willow bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
-----	N9079	159	166*	151	19.2	30	2	57.5
-----	N9078	158	136	180	19.0	22	3	58.2
BO–JAC	438	158	140	175	16.7	12	2	57.7
BO–JAC	577	157	156	157	17.3	18	2	57.1
CROW'S	510	156	144	167	17.8	16	1	56.8
ASGROW	RX770	155	155	155	17.7	21	1	57.2
ASGROW	RX801	155	141	169	18.2	11	1	58.5
-----	B73 X N204	154	150	157	20.1	14	2	57.9
CIBA SEEDS	4581	152	146	158	18.2	28	1	59.4
OHLDE(MW Genetc)	312	149	143	154	16.9	10	2	57.4
MILLER PREF	MP1172	146	139	153	18.1	26	2	58.2
WILSON	1780W	136	127	145	20.3	23	7	57.4
-----	N9077	127	130	124	17.1	23	8	56.6
Average All Entries		167	157	176	18.0	15	1	57.8
Dif. Req. for Sig.	5%	NS	31	23	1.3	NS	NS	NS
	25%	18	18	13	0.7	NS	2	0.9

Entered by UN–L Agronomy Department
** denotes top yielding hybrid at each location
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Southwest Irrigated Corn Hybrid Tests 1993 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		TWO YEAR AVERAGES				
PAYCO	902	207	18.0	10	2	58.0
DEKALB Genetics	DK652	206	18.2	11	1	56.8
LYNKS	2868	202	18.0	5	1	57.2
CROW'S	668	198	18.3	8	1	57.8
PAYCO	834	197	16.3	4	1	57.9
OTTILIE	2562	197	18.3	9	1	57.2
SUPERIOR	SP–7633	196	18.0	10	0	57.4
MILLER PREF	MP1161	196	18.3	12	1	57.3
MYCOGEN	7250cb	195	18.0	9	1	57.8
OTTILIE	2482	194	18.3	7	1	56.3
ASGROW	RX801	193	18.0	6	1	58.6
LG SEEDS	7711	192	17.0	8	1	57.9
BO–JAC	577	186	17.0	10	1	57.3
CIBA SEEDS	4581	185	18.8	15	1	58.6
CIBA SEEDS	4494	184	17.0	12	0	58.8
–––––	B73 X N204	181	19.6	9	1	57.8
CROW'S	510	179	17.5	10	1	56.8
LG SEEDS	LG 2632	178	17.3	12	4	58.5
MILLER PREF	MP1172	177	18.6	13	1	58.2
KAYSTAR	KX–909	174	17.9	5	0	56.1
BO–JAC	438	173	15.9	7	2	58.1
ASGROW	RX770	171	17.2	12	1	57.1
Average All Entries		189	17.8	9	1	57.6
Dif. Req. for Sig.	5%	NS	0.4	NS	NS	0.5
	25%	NS	0.2	NS	NS	0.3
		THREE YEAR AVERAGES				
DEKALB Genetics	DK652	202	18.7	9	0	56.0
PAYCO	902	196	18.7	9	1	57.1
SUPERIOR	SP–7633	192	18.6	8	0	56.4
CROW'S	668	191	18.8	7	0	56.8
LG SEEDS	7711	185	17.5	7	1	57.1
ASGROW	RX801	182	18.6	6	1	57.9
BO–JAC	577	179	17.5	9	1	56.6
CROW'S	510	174	17.8	8	0	56.4
Average All Entries		188	18.3	8	1	56.8
Dif. Req. for Sig.	5%	5	0.2	NS	NS	0.4
	25%	3	0.1	NS	NS	0.2

North Central Irrigated Corn Hybrid Tests
Brown County Furrow and Pivot – 1995

Brand	Hybrid	Yield Average bu/a	Yield Furrow bu/a	Yield Pivot bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
OHLDE(MW Genetc)	309	157	168**	145*	18.4	5	4	53.1
CROW'S	445	157	165*	149*	18.2	6	4	52.4
OHLDE(MW Genetc)	315	154	165*	142*	18.7	4	2	52.3
LYNKS	2595	152	154*	149*	16.1	5	1	53.2
WILSON	E4150	150	152*	147*	17.1	7	1	54.9
OTTILIE	2433	148	154*	141*	15.5	2	2	53.4
LG SEEDS	LG 2511	148	147	149*	16.0	3	1	53.4
OTTILIE	2431	147	140	153**	15.9	3	0	53.2
OHLDE(MW Genetc)	226	147	146	147*	18.0	5	3	52.6
OHLDE(MW Genetc)	316	145	161*	128	18.8	7	1	52.0
LG SEEDS	LG 2537	145	155*	134*	17.5	5	1	54.5
WILSON	1581	144	154*	133*	18.3	8	1	52.9
DEKALB Genetics	DK566	142	138	146*	16.2	11	2	52.7
DEKALB Genetics	DK560	142	142	142*	16.4	9	0	54.1
DEKALB Genetics	DK616	140	148	132*	19.0	18	3	49.8
WILSON	1432	138	140	136*	15.5	2	2	53.3
OTTILIE	2444	137	145	129	18.6	7	1	52.5
CARGILL	6303	137	150	123	17.8	3	1	52.4
DEKALB Genetics	DK527	135	149	120	15.1	12	2	53.4
LYNKS	2674	134	146	122	18.8	10	0	54.0
OHLDE(MW Genetc)	310	131	145	116	18.7	7	1	52.3
FONTANELLE	4193	128	121	135*	17.5	6	1	55.3
CROW'S	435	127	128	126	15.5	14	1	51.0
CROW'S	365	119	135	103	17.5	6	3	51.0
CARGILL	4327	118	123	113	17.7	14	17	53.4
MYCOGEN	5440	112	117	107	16.8	19	6	50.8
OHLDE(MW Genetc)	312	104	100	107	19.8	10	2	50.5
Average All Entries		139	143	130	17.3	7	2	52.7
Dif. Req. for Sig.	5%	20	17	21	0.9	7	5	1.0
	25%	11	10	12	0.5	4	3	0.6

** denotes top yielding hybrid at each location

* denotes hybrids not significantly different than top yielding hybrid at each location

North Central Irrigated Corn Hybrid Tests 1993 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		TWO YEAR AVERAGES				
DEKALB Genetics	DK566	174	16.2	11	1	52.7
OHLDE(MW Genetc)	315	170	20.3	4	1	53.4
LYNKS	2595	167	18.0	5	1	53.5
OTTILIE	2433	165	17.8	3	1	54.3
OHLDE(MW Genetc)	226	165	19.7	5	2	53.7
CARGILL	6303	165	19.8	3	1	53.1
DEKALB Genetics	DK560	163	17.6	9	0	54.9
OTTILIE	2444	161	19.8	7	1	53.7
WILSON	1432	159	17.7	5	1	54.1
CARGILL	4327	155	18.8	10	9	54.6
OHLDE(MW Genetc)	310	147	20.1	9	1	53.8
DEKALB Genetics	DK527	143	16.0	15	1	54.5
OHLDE(MW Genetc)	312	141	21.8	9	2	52.3
MYCOGEN	5440	141	18.2	16	4	52.5
Average All Entries		158	18.8	8	2	53.7
Dif. Req. for Sig.	5%	NS	0.5	2	NS	0.4
	25%	5	0.3	1	NS	0.2
		THREE YEAR AVERAGES				
OTTILIE	2433	166	18.3	9	1	53.9
WILSON	1432	163	18.4	14	2	53.9
OTTILIE	2444	156	20.6	14	1	52.7
CARGILL	4327	156	19.1	19	7	54.0
Average All Entries		160	19.1	14	3	53.6
Dif. Req. for Sig.	5%	NS	NS	NS	NS	NS
	25%	NS	NS	2	NS	0.2

Perkins County Pivot Irrigated Corn Hybrid Test 1995

Brand	Hybrid	Grain yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
GOLDEN HARVEST	H-2502 ##	176	17.3	20	2	51.9
PAYCO	834	174	20.6	29	5	51.5
WILSON	1581	170	18.6	17	2	54.0
PAYCO	754	165	17.4	23	2	52.3
GOLDEN HARVEST	H-2390 ##	165	17.6	7	3	54.0
PIONEER	3489 ##	159	16.1	28	1	53.9
DEKALB Genetics	DK569	156	17.1	34	2	51.4
BO-JAC	409	156	20.5	23	3	50.4
BO-JAC	580	154	25.3	15	0	50.2
WILSON	E4079	153	15.5	15	2	53.2
WILSON	1432	150	15.9	12	3	53.4
GRAND VALLEY	X8986	150	17.5	27	4	54.6
BO-JAC	438	150	18.9	13	1	52.9
WILSON	E4150	149	18.1	28	2	54.2
GOLDEN HARVEST	H-2441 ##	148	18.0	43	3	53.3
CIBA SEEDS	4394	148	17.5	26	1	53.0
GOLDEN HARVEST	H-2493 ##	145	18.7	18	1	51.1
DEKALB Genetics	DK560	145	16.6	29	4	53.9
PIONEER	3514 ##	139	17.3	7	1	54.9
PAYCO	814	139	19.3	27	6	52.8
DEKALB Genetics	DK527	138	15.6	32	2	53.2
GRAND VALLEY	SX1234	137	16.8	40	0	54.7
BO-JAC	525	137	17.5	14	3	52.5
MILLER PREF	MP1091	136	21.8	17	3	51.0
BO-JAC	577	136	22.0	45	6	50.5
MILLER PREF	MP1061	134	16.1	21	5	53.0
PIONEER	3375 ##	133	19.4	9	5	53.5
MILLER PREF	MP1000	132	17.5	39	4	51.8
PIONEER	3394 ##	127	18.4	14	7	53.9
PIONEER	3417 ##	127	18.2	11	4	53.0
CARGILL	5677	90	15.4	31	7	51.3
CIBA SEEDS	4475	49	19.2	15	32	51.3
Average All Entries		143	18.2	23	4	52.7
Dif. Req. for Sig.	5%	22	3.0	15	6	2.9
	25%	13	1.8	8	3	1.7

Entered by UN-L Agronomy Department
** denotes top yielding hybrid
* denotes hybrids not significantly different than top yielding hybrid

West Central Pivot Irrigated Corn Hybrid Tests 1994 – 1995 Perkins County

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		TWO YEAR AVERAGES				
WILSON	1581	198	18.1	11	1	56.2
WILSON	1432	186	16.5	9	2	55.8
DEKALB Genetics	DK569	186	16.8	22	1	54.0
PAYCO	754	183	17.3	20	1	54.4
MILLER PREF	MP1091	181	19.5	11	2	54.6
CIBA SEEDS	4394	176	17.4	15	1	56.2
PAYCO	814	175	18.3	18	3	55.1
BO–JAC	438	172	18.0	11	1	54.9
BO–JAC	577	169	19.2	25	4	53.9
MILLER PREF	MP1061	166	15.9	15	3	55.1
MILLER PREF	MP1000	164	15.8	22	2	54.8
Average All Entries		178	17.5	16	2	55.0
Dif. Req. for Sig.	5%	NS	NS	NS	NS	NS
	25%	6	NS	NS	NS	0.5

West Valley Irrigated Corn Hybrid Tests
Scotts Bluff, Morrill Co Nebraska and Torrington WY – 1995

Brand	Hybrid	Yield Average bu/a	Yield Scotts Bluff bu/a	Yield Morrill bu/a	Yield Torrington bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu	Plant height inches
AGRIPRO	HY9339	163	173*	153	***	16.2	2		51.3	64
DEKALB Genetics	DK493	161	174**	163*	145**	14.2	2	0	50.1	74
CIBA SEEDS	4285	152	172*	158*	127*	14.4	1	0	51.9	68
CIBA SEEDS	4214	151	146	164*	142*	13.6	8	0	53.0	73
DEKALB Genetics	DK512	149	155*	163*	130*	14.0	2	0	48.3	72
GRAND VALLEY	SX1232	147	158*	166**	118	16.5	2	1	50.6	67
GRAND VALLEY	SX1234	146	143	151	144*	15.8	1	0	51.3	72
DEKALB Genetics	DK527	144	160*	155*	117	14.3	1	0	48.6	70
CIBA SEEDS	4144	144	145	144	144*	13.9	3	0	53.4	69
DAIRYLAND	ST1198	140	154*	155*	111	14.9	4	2	49.8	67
DAIRYLAND	ST1200	138	158*	153	102	14.7	4	5	49.6	68
GRAND VALLEY	X6286	137	139	143	130*	13.8	9	2	51.5	70
MYCOGEN	4760	124	115	142	114	15.2	5	0	51.6	67
MYCOGEN	AG 3965	120	125	126	110	13.1	2	1	50.4	70
Average All Entries		144	150	152	127	14.6	3	1	50.8	70
Dif. Req. for Sig.	5%	21	26	12	25	1.5	NS	NS	0.9	5
	25%	11	15	7	14	0.8	3	1	0.5	3

*** Raccoons ate all the ears from this entry.
** denotes top yielding hybrid at each location
* denotes hybrids not significantly different than top yielding hybrid at each location

West Valley Irrigated Corn Hybrid Tests 1994 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu
		TWO YEAR AVERAGES				
DEKALB Genetics	DK493	179	15.6	1	0	51.5
DEKALB Genetics	DK512	176	15.7	2	0	50.3
CIBA SEEDS	4214	172	15.7	4	0	54.8
DEKALB Genetics	DK527	166	17.0	1	0	50.8
CIBA SEEDS	4144	157	15.2	2	0	53.6
Average All Entries		170	15.8	2	0	52.2
Dif. Req. for Sig.	5%	NS	NS	NS	NS	NS
	25%	3	NS	NS	NS	0.5

West Table Irrigated Corn Hybrid Tests
Box Butte and Cheyenne Counties – 1995

Brand	Hybrid	Average bu/a	Yield Box Butte bu/a	Yield Cheyenne bu/a	Grain moisture pct	Broken stalk pct	Bushel weight lb/bu	Plant height inches
LYNKS	2677	121	122*	119*	16.1	4	51.1	84
KAYSTAR	KX–600	120	123**	116*	17.7	0	49.4	88
LYNKS	2420	119	119*	119*	15.5	1	53.3	77
DEKALB Genetics	DK471	119	118*	120**	16.6	5	49.0	88
DEKALB Genetics	DK493	116	118*	114*	17.4	6	48.9	89
DEKALB Genetics	DK442	113	119*	106*	16.5	4	49.5	87
CIBA SEEDS	4144	113	118*	108*	16.4	0	51.1	86
CIBA SEEDS	4285	111	117*	104	17.2	1	49.4	85
LYNKS	2550	109	115*	103	17.6	2	48.1	81
GRAND VALLEY	SX1232	109	109	108*	23.3	0	48.0	86
DEKALB Genetics	DK412	109	115*	103	16.0	2	50.9	87
GRAND VALLEY	X6586	106	117*	95	18.2	3	47.7	85
CIBA SEEDS	4214	103	122*	83	15.8	4	50.9	91
GRAND VALLEY	X6286	95	89	100	16.3	5	49.3	89
MYCOGEN	AG 3965	94	94	94	15.3	2	48.9	84
Average All Entries		110	114	107	17.0	4	49.7	85
Dif. Req. for Sig.	5%	NS	12	14	3.1	3	1.5	5
	25%	10	7	8	1.7	1	0.9	3

** denotes top yielding hybrid at each loction

* denotes hybrids not significantly different than top yielding hybrid at each location

West Table Irrigated Corn Hybrid Test
1994 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct	Bushel weight lb/bu	Plant height inches
		TWO YEAR AVERAGES				
DEKALB Genetics	DK471	131	16.6	5	51.7	69
DEKALB Genetics	DK493	126	16.6	6	51.7	91
DEKALB Genetics	DK442	126	15.8	4	52.5	123
LYNKS	2677	122	15.6	4	53.5	147
LYNKS	2420	119	15.3	1	54.5	110
LYNKS	2550	119	17.2	2	51.1	143
CIBA SEEDS	4144	117	16.1	0	53.6	74
CIBA SEEDS	4214	117	15.9	4	53.5	93
Average All Entries		122	16.1	3	52.7	106
Dif. Req. for Sig.	5%	NS	NS	NS	0.7	NS
	25%	NS	0.2	NS	0.4	NS

West Early Maturing Ecofallow Corn Hybrid Tests
Lincoln and Cheyenne Counties. – 1995

Brand	Hybrid	Yield Average bu/a	Yield Lincoln bu/a	Yield Cheyenne bu/a	Grain moisture pct	Broken stalk pct	Dropped ear pct	Bushel weight lb/bu	Plant height inches
CARGILL	4327	66	81	50*	17.4	4	1	49.6	79
DEKALB Genetics	DK412	64	75	53**	12.8	8	4	52.8	78
BO–JAC	409	64	83	44	21.8	4	0	48.4	81
CROW'S	435	61	83	38	21.4	6	3	46.6	85
BO–JAC	438	60	84**	35	24.9	1	3	46.2	78
CROW'S	365	59	75	43	20.9	1	4	46.9	81
Average All Entries		62	80	44	19.8	4	3	48.4	80
Dif. Req. for Sig.	5%	NS	NS	5	NS	NS	NS	1.1	2
	25%	NS	NS	3	NS	4	NS	0.6	1

** denotes top yielding hybrid at each location
* denotes hybrids not significantly different than top yielding hybrid at each location

Weather data for 1995 in counties where corn plots were located. Monthly average of daily high and low temperatures and rainfall.

Month	Washington County			Cass County			Gage County			Butler County			Cuming County		
	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall
May	66	47	5.2	66	47	6.8	65	46	8.6	64	46	7.3	65	45	3.6
June	82	60	1.0	82	60	1.5	81	59	1.4	81	58	0.9	80	59	1.6
July	72	64	0.8	92	65	2.8	90	65	5.3	90	62	2.0	90	62	0.7
August	84	68	1.3	91	68	1.7	88	67	3.3	87	67	2.8	87	66	2.9
Sept	75	50	1.9	76	49	1.7	76	50	0.9	73	49	1.9	73	48	3.3

Month	Dixon County			Clay County			Hamilton County			Antelope County			Phelps County		
	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall
May	65	45	7.4	64	45	7.5	64	46	6.4	63	44	5.5	64	44	8.0
June	79	58	1.7	81	58	2.1	80	58	2.1	79	57	2.0	80	56	1.5
July	86	62	0.3	89	62	2.3	88	62	1.7	87	62	2.2	90	62	1.7
August	85	65	2.1	87	66	2.4	87	66	2.0	86	65	4.8	91	65	0.8
Sept	71	48	2.7	75	49	0.4	75	49	1.0	71	50	4.0	76	49	1.2

Month	Dawson County			Custer County			Brown County			Rock County			Furnas County		
	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall
May	63	46	4.3	63	45	4.9	62	43	6.4	63	44	6.4	61	40	4.0
June	80	59	1.3	80	57	2.6	77	55	3.3	78	55	2.6	78	50	3.3
July	90	63	1.7	90	62	1.8	87	60	1.5	87	59	1.6	88	55	2.1
August	91	67	1.3	89	66	3.0	88	63	3.3	87	63	2.9	91	59	0.8
Sept	76	50	2.1	75	49	2.0	75	48	2.9	74	47	3.3	75	45	0.9

Month	Red Willow County			Lincoln County			Hayes County			Chase County			Perkins County		
	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall
May	64	45	5.2	62	43	5.0	62	43	3.9	62	42	3.3	61	42	4.5
June	82	56	3.5	80	55	2.9	79	53	2.6	79	52	2.9	80	52	2.9
July	92	61	1.0	88	58	1.7	89	58	3.3	88	57	5.4	88	57	1.4
August	96	66	1.3	93	64	0.0	95	62	0.2	95	59	0.0	91	60	1.2
Sept	78	50	2.6	77	46	1.4	78	48	1.9	78	47	1.6	76	48	1.8

Month	Cheyenne County			Morrill County			Box Butte County			Scotts Bluff County			Torrington, WY		
	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall	Avg High	Avg Low	Rainfall
May	58	40	7.2	61	41	3.1	59	40	4.1	59	40	4.6	60	41	5.6
June	75	50	4.5	78	50	4.2	76	48	4.4	77	52	3.9	77	51	4.6
July	87	55	1.8	89	55	1.8	87	54	0.8	87	56	2.9	74	47	*
August	91	57	1.3	93	57	0.5	91	55	1.1	90	57	1.1	82	52	*
Sept	75	47	0.9	78	45	1.2	75	44	1.2	76	45	1.3	75	45	*

Weather data provided by the State Climate Program at the University of Nebraska – Lincoln

Clay County Waxy Corn Hybrid Test – 1995

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	PLANTS PER ACRE
DEKALB Gen.	DK580WX	145	15.3	10	4	27360
LG SEEDS(HOR	NBT680	144	16.5	7	4	26580
SAND SEED	SOI9144WX	140	14.4	10	3	24890
PIONEER	3417E	139	15.9	8	2	25580
LG SEEDS(HOR	NBT595	139	16.0	8	5	24060
HOEGEMEYER	2680WX	138	15.9	19	2	26220
SAND SEED	SOI9153WX	137	15.6	9	3	24780
SAND SEED	SOI9133WX	136	13.9	12	2	26040
YELLOW CHECK	HOEG.2680	136	15.9	11	5	27670
YELLOW CHECK	PION.3162	134	16.1	13	4	28460
HOEGEMEYER	2628WX	134	14.4	14	3	25390
PIONEER	3394E	133	14.4	10	2	27120
PIONEER	3399E	133	15.9	5	2	25460
AVERAGE ALL ENTRIES		138	15.4	10	3	26120
DIF. REQ. FOR SIG. 5%		NS	NS	NS	NS	NS
25%		NS	NS	10	NS	3530

Clay County Waxy Corn Tests
1993 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct
		Two Year Averages		
HOEGEMEYER	2680WX	169	18.3	11
HOEGEMEYER	2628WX	163	16.5	8
SAND SEED	SOI9144WX	162	17.1	7
SAND SEED	SOI9133WX	162	16.9	7
LG SEEDS(HOR	NBT680	156	18.6	17
PIONEER	3399E	151	17.1	10
PIONEER	3417E	144	16.7	16
SAND SEED	SOI9153WX	144	18.2	8
PIONEER	3394E	135	16.8	18
Average All Entries		154	17.3	11
Dif. Req. for Sig. 5%		NS	NS	NS
25%		NS	NS	NS
		Three Year Averages		
LG SEEDS(HOR	NBT680	134	18.1	13
PIONEER	3399E	127	16.5	8
SAND SEED	SOI9133WX	148	17.9	6
SAND SEED	SOI9153WX	138	18.6	6
Average All Entries		137	17.8	8
Dif. Req. for Sig. 5%		NS	NS	NS
25%		NS	NS	NS

Clay County White Corn Hybrid Test – 1995

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	PLANTS PER ACRE
CARGILL	X7512W	148	15.8	60	3	26550
DeKALB Gen	555W	144	13.9	6	11	24880
Yellow ch	Pion3394	141	13.9	10	2	24930
STURDY GR	SG731W	134	15.1	11	4	27850
Yellow ch	DeKalb591	132	13.2	14	2	27140
LG Seeds	NB742W	132	15.6	11	3	28390
VINEYARD	V448W	129	15.5	17	2	22430
LG Seeds	NB749W	129	15.1	6	3	31250
NC+	6555W	126	15.8	14	2	24620
VINEYARD	V424W	126	14.5	9	3	24070
VINEYARD	V453W	126	15.1	6	3	26840
DeKALB Gen	EXP566W	126	14.7	6	1	26250
CARGILL	X7513W	125	16.9	54	8	25210
VINEYARD	V449W	124	16.1	24	11	23290
STURDY GR	SG797W	124	16.3	23	10	22990
LG Seeds	NB739W	123	16.4	4	0	26600
PIONEER B	3287W	123	14.4	3	1	26310
STURDY GR	SG765W	121	15.1	29	10	27560
DeKALB Ge	DK703W	120	16.6	12	10	24660
LG Seeds	NB571W	119	14.3	8	12	25930
LG Seeds	NB710W	119	13.9	19	8	29060
VINEYARD	V438W	118	14.8	5	3	25010
HOEGEMEYER	1142W	118	21.0	18	6	26680
WILSON	1780W	118	18.0	8	10	27850
HOEGEMEYER	1125W	118	15.3	38	5	24180
DeKALB Gen	742W	117	16.2	3	0	25370
WILSON	E954002	117	15.1	8	8	26030
VINEYARD	V414W	116	13.9	15	6	25500
PIONEER B	3463W	116	13.9	3	3	24670
PIONEER B	3203W	115	16.4	23	13	29120
ASGROW	X757920W	114	13.9	6	5	26360
Yellow ch	B73XMo17	111	14.7	10	18	28760
TRISLER	T95W1	110	14.9	27	25	25710
AGRIGOLD	XA3302W	110	17.1	13	6	28970
PIONEER B	3281W	109	14.8	7	9	27100
STURDY GR	SG798W	107	16.9	12	9	25860
IFSI	94–1	106	13.8	5	9	26930
BO–JAC	523W	99	15.2	20	19	28520
WILSON	1790W	98	16.2	12	17	23810
VINEYARD	Vx4134W	98	13.5	13	14	28770
BECK	5905W	97	14.8	11	23	28810
PURDUE	H126W/H12	97	14.8	7	8	30250

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Clay County White Corn Hybrid Test – 1995
Page 2

BRAND	HYBRID	GRAIN YIELD BU/A	GRAIN MOISTURE PCT	BROKEN PLANTS PCT	DROPPED EARS PCT	PLANTS PER ACRE
HOEGEMEYER	1131W	96	15.1	15	29	22540
WHISNAND	52AW	96	14.0	30	36	26320
PRODUCERS	7013W	95	15.3	11	11	26130
ICI Seeds	N2362W	94	13.5	14	29	24850
CROW'S	EX550	94	14.8	20	25	25000
DeKALB Gen	EXP567W	94	14.2	27	31	26110
PIONEER B	X1134WG	94	13.9	5	3	24490
IFSI	93–4	93	14.4	14	26	29410
STURDY GR	SG755W	93	14.1	24	26	25500
VINEYARD	V442W	92	13.6	22	13	24250
CARGILL	8097W	92	14.9	17	32	22380
CROW'S	EX551	91	14.5	18	37	26680
HOEGEMEYER	X581W	90	14.5	30	33	22910
IFSI	95–2	88	14.9	20	20	23310
AGRIPRO	EX6609W	87	14.3	23	42	28930
PIONEER B	3443W	87	13.3	14	25	27620
ICI Seeds	8320W	87	14.7	22	26	26480
ZIMMERMAN	Z62W	86	13.8	8	11	28270
PRODUCERS	EXP1131W	86	14.1	31	30	24680
STURDY GR	EXP92013	85	14.1	21	34	24770
LYNKS Seed	2802W	84	14.8	17	21	28980
STURDY GR	SG777W	84	14.7	19	26	23090
TRIUMPH	TRX4821	84	14.4	30	35	20590
WHISNAND	51AW	83	14.9	11	24	24110
AGRIPRO	AP543W	81	14.4	10	28	27630
IFSI	90–1	79	14.5	20	26	26680
CROW'S	W55	77	14.9	11	24	26360
MERSCHMAN	M3114W	72	14.6	18	31	27760
PURDUE	H126W/FR8	67	12.9	11	38	27330
AVERAGE ALL ENTRIES		106	14.9	16	16	26120
DIF. REQ. FOR SIG. 5%		19	1.3	14	12	4110
25%		11	0.7	8	7	2410

Clay County White Corn Tests
1993 – 1995

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct
		Two Year Averages		
LG Seeds	NB742W	143	16.2	9
LG Seeds	NB739W	138	16.6	6
VINEYARD	V449W	138	17.3	15
HOEGEMEYE	1142W	137	20.8	11
STURDY GRS	G797W	134	16.9	17
VINEYARD	V448W	133	16.6	14
VINEYARD	V424W	131	15.7	11
STURDY GRS	G731W	131	16	18
STURDY GRS	G765W	130	15.3	19
NC+	6555W	129	16.9	10
Yellow chP	ion3394	129	14.8	14
WILSON	1780W	129	18.1	8
DeKALB Ge	742W	128	16.4	8
HOEGEMEYE	1125W	126	16.2	26
VINEYARD	V438W	125	15.8	12
WILSON	1790W	124	16.9	7
Yellow chB	73XMo17	122	15.4	8
CARGILL	8097W	119	15.8	12
VINEYARD	V442W	118	15.8	15
BO–JAC	523W	117	16.3	15
STURDY GRS	G798W	115	16.9	10
IFSI	93–4	115	15.3	12
DeKALB Ge	555W	113	14.5	17
IFSI	94–1	111	14.6	18
VINEYARD	V414W	111	15.3	17
HOEGEMEYE	1131W	108	16.1	14
WHISNAND	51AW	106	15.8	11
IFSI	90–1	106	15.6	18
PIONEER B	3463W	104	14.6	11
LG Seeds	NB571W	102	14.6	14
PIONEER B	3287W	102	15.9	27
STURDY GRS	G777W	100	15.5	17
ICI Seeds	8320W	100	15.3	19
PIONEER B	3281W	99	15.7	26
LG Seeds	NB710W	89	13.8	38
ZIMMERMANZ	62W	89	14.5	14
Average All Entries		118	15.9	15
Dif. Req. for Sig. 5%		NS	0.7	NS
25%		NS	0.4	NS

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Clay County White Corn Tests 1993 – 1995. Page 2

Brand	Hybrid	Average Yield bu/a	Grain moisture pct	Broken stalk pct
		Three Year Averages		
LG Seeds	NB742W	132	17.1	7
HOEGEMEYE	1142W	130	21.9	12
LG Seeds	NB739W	128	17.5	5
VINEYARD	V424W	126	16.8	9
VINEYARD	V449W	126	17.9	13
DeKALB Ge	742W	124	17.7	6
STURDY GRS	G797W	124	17.1	14
NC+	6555W	123	17.1	8
HOEGEMEYE	1125W	123	16.9	19
Yellow chB	73XMo17	120	16.2	7
VINEYARD	V438W	118	16.8	9
STURDY GRS	G798W	117	17.6	10
CARGILL	8097W	114	16.2	9
BO–JAC	523W	112	16.5	12
DeKALB Ge	555W	109	14.9	12
IFSI	93–4	109	15.8	11
IFSI	90–1	104	15.9	14
PIONEER B	3281W	103	16.6	19
WHISNAND	51AW	103	15.8	10
PIONEER B	3463W	102	15	9
HOEGEMEYE	1131W	102	16.6	11
PIONEER B	3287W	99	17.1	20
ICI Seeds	8320W	99	15.9	16
STURDY GRS	G777W	95	15.5	16
LG Seeds	NB710W	88	14.8	27
Average All Entries		113	16.7	12
Dif. Req. for Sig. 5%		NS	0.6	NS
25%		8	0.4	NS

Dawson County White Corn Test – 1995

Entry	Grain yield bu/a	Grain moisture %	Bushel weight lb/bu	Lodging Root %	Lodging stalks %	Dropped ears %	Ear height inches	Harvest population #/a
CARGILL X7513W	166	26.6	49.5	3	4	0	59	27572
B73 X Mo17 (yellow check)	165	26.5	47.9	0	1	1	53	23112
STURDY GROW SG765W	157	23.9	50.0	0	3	0	54	27075
STURDY GROW EXP 92013	155	21.5	54.4	0	8	0	54	27137
TRISLER T–95W1	152	21.3	52.8	0	7	2	61	27760
LYNKS EX111W	151	24.9	48.7	0	10	0	56	28617
ASGROW X757920W	151	22.6	51.3	0	3	0	52	25016
AGRIGOLD XA3302W	149	27.2	48.5	0	7	1	59	27652
LG SEEDS NB710W	149	22.2	47.4	0	10	1	51	24007
PIONEER 3394 (yellow check)	148	20.7	51.9	0	8	0	47	26483
CIBA 5200WX	145	27.7	47.6	0	4	0	60	29449
STURDY GROW SG797W	144	27.9	48.2	0	12	0	58	28750
LG SEEDS NB749W	144	27.8	47.7	0	8	0	59	26576
VINEYARD V438W	143	21.4	52.3	0	3	0	52	26994
WILSON 1790W	143	26.6	50.3	0	3	0	50	25524
WILSON 1780W	143	27.6	49.5	0	1	0	51	23828
GOLDEN HARVEST H–2633W	143	29.4	46.7	0	10	1	54	26663
CARGILL X7512W	142	27.3	49.3	2	13	1	55	26308
ICI SEEDS N2362W	142	20.6	50.2	5	12	1	51	26382
HOEGEMEYER X581W	141	24.6	48.8	2	6	2	56	24827
MYCOGEN 7860W	141	24.3	51.8	1	3	3	58	27511
IFSI 93–4	138	23.9	48.8	0	4	3	55	24033
DEKALB EXP566W	137	22.0	52.4	0	3	0	43	25544
WILSON E4147	137	24.2	48.8	0	4	4	56	25442
DEKALB 555W	136	21.2	50.5	0	3	0	42	27162
VINEYARD V448W	136	26.4	48.8	0	2	0	51	26559
WHISNAND 51AW	136	23.8	51.7	0	7	3	60	26075
WHISNAND 52AW	135	24.6	48.8	0	4	2	56	25897
STURDY GROW SG798W	135	27.3	49.1	0	5	0	61	27871
STURDY GROW SG731W	135	25.9	49.2	0	6	0	41	26000
ICI SEEDS 8320W	135	23.4	52.1	0	3	2	58	25696
VINEYARD V453W	134	27.2	47.8	0	1	0	47	26201
IFSI 90–1	134	23.4	51.4	0	5	4	56	25456
WILSON E1789	131	27.1	47.4	0	3	2	54	22965
VINEYARD V449W	131	26.6	49.3	0	0	0	51	24823
IFSI 94–1	131	24.5	50.3	0	5	3	52	26832
NC+ 6555W	131	27.3	47.6	0	6	0	59	24624
WILSON E954002	131	25.0	48.8	0	4	0	56	25997
PIONEER 3203W	130	25.4	51.1	0	17	0	54	26484
MOEWS EX9W	130	27.6	48.3	0	6	0	61	27776
DEKALB DK703W	130	27.4	49.4	0	6	0	54	26005
DEKALB 739W	130	25.9	48.0	0	3	0	42	26983

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Dawson County White Corn Test. 1995. Page 2

Entry	Grain yield bu/a	Grain moisture %	Bushel weight lb/bu	Lodging Root %	Lodging stalks %	Dropped ears %	Ear height inches	Harvest population #/a
TRIUMPH TRX4821	130	24.1	49.4	0	9	4	56	25694
IFSI 95-2	130	21.3	53.1	0	5	3	57	24443
LYNKS EX113W	129	25.0	47.9	0	5	0	43	27390
CARGILL 8097W	129	23.7	51.6	2	4	2	62	27139
HOEGEMEYER 1125W	129	27.6	47.4	0	3	0	54	27447
CROW'S EX551	129	23.7	50.3	0	5	1	55	23863
CROW'S EX550	129	23.8	51.2	1	3	2	57	27102
PIONEER 3463W	128	20.3	52.8	0	3	0	50	25108
VINEYARD V424W	128	21.8	50.3	0	1	0	54	26387
PRODUCERS EXP1131W	127	24.9	49.0	0	11	5	56	26756
PIONEER 3281W	127	22.3	49.8	0	10	1	51	26864
LG SEEDS NB571W	126	20.4	50.5	0	8	0	40	22973
BECK 5905W	126	23.3	51.7	1	5	6	59	26941
BO-JAC 523W	125	23.5	51.6	1	5	1	58	27533
MERSCHMAN M-3114W	125	22.9	51.2	0	3	3	58	25716
DEKALB 742W	125	23.0	48.0	0	8	1	41	25629
STURDY GROW SG755W	124	24.8	48.8	0	6	5	56	25169
HOEGEMEYER 1142W	124	29.0	47.9	0	6	1	53	23830
GOLDEN HARVEST EX-105W	123	24.7	48.3	0	13	0	57	23896
LG SEEDS NB742W	123	25.2	47.7	0	7	0	43	26218
GOLDEN HARVEST H-2651W	123	29.5	48.7	0	8	0	47	25838
VINEYARD Vx4134W	122	18.6	54.2	0	2	0	55	25527
PRODUCERS 7013W	121	26.2	49.1	1	1	5	57	24775
VINEYARD V442W	120	25.9	50.2	1	4	1	53	26366
DEKALB EXP567W	119	25.8	49.4	0	10	2	57	26643
PIONEER 3443W	119	18.8	54.8	0	7	1	51	27220
CROW'S W55	118	26.0	49.2	0	1	4	57	24426
VINEYARD V414W	118	20.0	54.5	0	2	1	51	26446
HOEGEMEYER 1131W	115	26.8	48.8	2	6	2	56	26823
STURDY GROW SG777W	114	24.8	51.4	2	11	1	61	26343
LYNKS 2802W	111	24.4	51.7	0	6	3	59	24688
MOEWS EX4W	111	25.7	48.7	0	3	2	56	24611
PIONEER X1134WG	110	20.8	51.5	0	5	1	57	18979
PURDUE H126W/FR819W	109	20.3	51.0	0	11	6	53	22949
PIONEER 3287W	106	21.8	52.3	0	16	1	50	25717
LG SEEDS NB739W	103	26.5	48.9	0	1	0	43	18485
PURDUE H126W/H122W	98	26.6	49.3	0	18	1	52	20932
ZIMMERMAN Z62W	93	21.1	50.2	1	18	0	52	27639
CIBA 4592W	83	25.7	49.7	0	35	0	55	25125
Average of all entries 13	0.5	24.5	50.0	0.3	6.4	1	54	25769
LSD (0.05)	22.3	1.5	1.9	NS	9.6	3	5	2908

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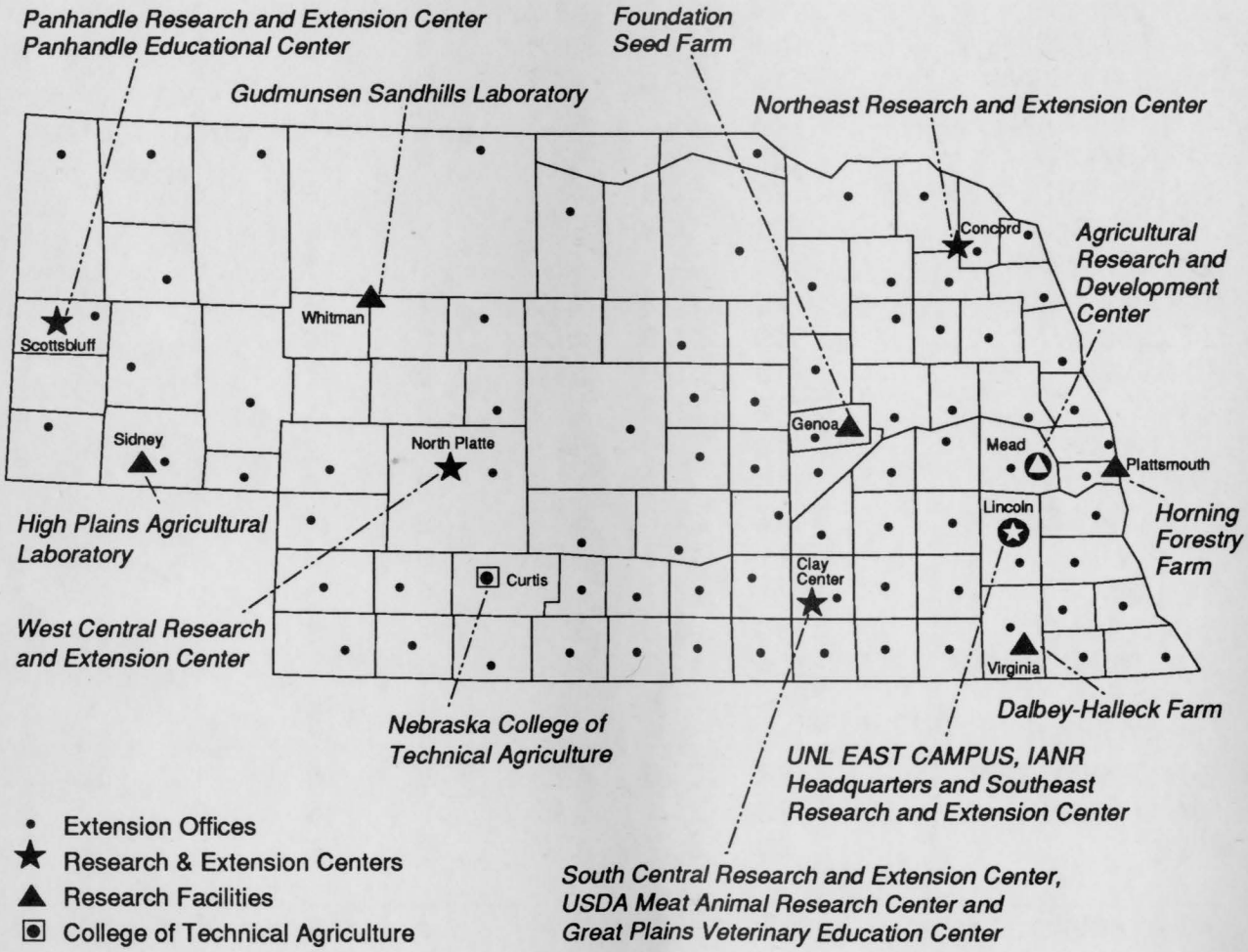

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