

2012

EC12-101 Spring Seed Guide 2012

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EC101

Spring

SEED GUIDE 2012



Provided by:

- University of Nebraska–Lincoln Extension
- Institute of Agriculture and Natural Resources
- Department of Agronomy and Horticulture
- Nebraska Crop Improvement Association



NEBRASKA
CROP IMPROVEMENT
ASSOCIATION

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WELCOME TO THE 2012 SPRING SEED GUIDE

Corn, soybean, sorghum, sunflower, and alfalfa are included in this seed guide. This publication will be available for the public through the University of Nebraska Extension at county extension offices or mail. Copies will also be mailed to producers who hosted the tests, associate programs and companies including that submitted entries. Individual plot data and contents of the seed guide will also be available on the web at <http://cropwatch.unl.edu/web/varietytest/home>. One can also find test information from previous years at this Web site. Information from the Nebraska Crop Improvement Association included inhere complements the variety testing data by identifying seed sources for purchasing a hybrid or variety in Nebraska. We appreciate the support of advertisers in printing this guide. It is our hope that you will find this guide useful in making hybrid and variety selection for planting this spring. Please send any comment and suggestion to tregassa2@unl.edu.

2011 crop season was different in many ways. We have very low number of entries. The soybean test at the northeast locations were all cancelled due to low number of entries. The season in general had above average rainfall in most areas. This benefited dryland plots resulting in good yield. There were good sunshine hours and temperatures were about average resulting in good accumulation of growing degree days and stress under some conditions. Planting went very well and the condition at harvest was extremely good. Some areas had crop damage from hail and wind.

Please visit our Web site at <http://cropwatch.unl.edu/web/varietytest/home> for all the information you need on variety testing.

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NEBRASKA VARIETY AND HYBRID TESTS EXTENSION CIRCULAR 101 SPRING SEED GUIDE - 2012

NOVEMBER 2011

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Special acknowledgment is made to farmer cooperators who furnished land for experiments; also to Extension Educators and others who assisted with the tests

The authors wish to acknowledge the assistance of the technical support staff: Neal Mattox, Jeff Golus, Jon Scott, and Jerry Nachtman. Their help is vital to this research.

NEBRASKA CORN HYBRID TESTS - 2011 -

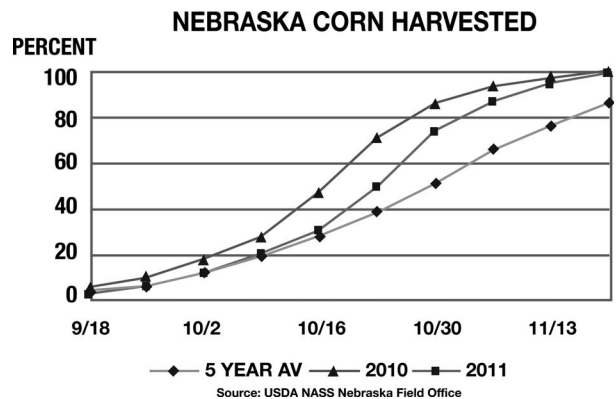
CROP PRODUCTION SUMMARY

According to the National Agricultural Statistics Service, there were 9.85 million acres of corn planted in Nebraska in 2011. 9.5 million acres were harvested producing around 1.52 billion bushels of grain. The total average corn yield for Nebraska in 2011 was 160 bushels per acre (bu/a). Corn yields from the previous 10 years are reported below.

Year	Average Nebraska Corn Yield (Last 10 Years)										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Yield (bu/a)	147	128	146	166	154	152	160	163	178	166	160

Source: National Agricultural Statistics Service (<http://www.nass.usda.gov>)

The 2011 corn crop in Nebraska followed the 5 year averages during the growing season. The weather in October allowed most farmers to get their crop out faster than the 5 year average, but behind last year's pace. During the growing season, hail caused damage to many fields. High winds during summer storms caused green snap to occur in numerous locations, reducing yield. Detailed information regarding crop progress and history can be obtained from the National Agricultural Statistics Service available online at <http://www.nass.usda.gov>



PROCEDURE

Nineteen corn performance tests were planted throughout Nebraska and Nebraska-Wyoming border in 2011. Test locations are shown on the map (page 6). Table A (page 7) shows counties where the tests were located, cooperators, planting and harvesting dates and GPS coordinates for the plots. Corn trials are conducted to provide yield and other information about corn hybrids available to corn growers in Nebraska. A fee from seed companies covers a portion of the cost of each test. Entry was on a voluntary basis and hybrids were selected by seed producers. At many locations, widely grown hybrids were entered by the Agronomy/Horticulture Department or the cooperator.

Table B (page 8) shows soil type and the cultural practice reported for each test site. Table C (page 9) shows the average performance of all hybrids at each test location. Individual plots are two rows wide and range from 15 to 35 feet long. Each test location had the same number of seed planted for all hybrids. The plant population represents the average harvested plant density. The hybrids entered for 2011 for each brand are shown in Table D (9), the hybrid and technology details are shown in Table E (10), and Table F (11) shows the contact name and addresses for each brand at the time of entry application. Temperature (GDD) and rainfall data are shown on pages 6 and 7.

The 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 with an electronic moisture meter or moisture sensors on the combine.

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% level of significance. At the 5% level, a difference of that magnitude would be expected once in twenty trials through chance alone. Most fields have some degree of spatial variability. We make every effort to remove the variability by blocking and using other experimental design methods. We also use statistical procedures to remove a portion of the spatial variability.

In these experiments, many hybrids statistically had the same grain production. Performances of hybrids vary with seasonal conditions. Great care should be used in interpreting the results of a single year test. Earlier maturing hybrids are favored in some seasons while later ones perform best in other years. In addition, some hybrids are able to withstand unfavorable weather conditions better than others which may do well under ideal growing conditions. Performance over a period of years should give a much better measure of adaptation whenever available. Harvest moisture, stalk strength, and resistance to insect and disease also are factors which must be considered in selecting hybrids.

RESULTS AT INDIVIDUAL LOCATIONS

Relative hybrid performance often varies with locations within zones. In zone analysis, the hybrid by location mean square was used to calculate the differences required for significance shown in the tables. Moisture at harvest is an important consideration in hybrid selection as it does affect time of harvest and drying costs although this year the grain was all quite dry at harvest.

Southeast District:

Two rainfed tests were planted in Butler and Otoe Counties.

- The Butler County rainfed test was planted on May 10th at a population of 20,960 plants/acre. It was harvested on October 25th, with an average yield of 159.1 bu/a. There were 23 varieties entered in this rainfed test. Farmer entries consisted of (1)Croplan 6160, (2)Croplan 6431, (3)Croplan 6525, and (4)Croplan 6763.
- The Otoe County rainfed test was planted on May 6th at a population of 21,240 plants/acre. It was harvested on October 26th with an average yield of 151.6 bu/a. There were 21 varieties entered in this rainfed test. Farmer entries consisted of (1) Hoegemeyer 8345 HXLLRR and (2) Hoegemeyer 8691 HXLLRR.

Two irrigated tests were planted in Hamilton and York Counties

- The Hamilton County irrigated test was planted on May 3rd at a population of 30,470 plants/acre. It was harvested on November 1st, with an average yield of 224.3 bu/a. There were 29 varieties entered in this irrigated test. Farmer entries consisted of (1)Pioneer P1151HR, (2)Pioneer 33D49, (3)Dekalb 65-63, (4)Dekalb 62-97, (5)Dekalb 61-49, (6)Mycogen 2A787, and (7)Mycogen 2V702.
- The York County irrigated test was planted on May 10th at a population of 31,470 plants/acre. It was harvested on October 28th, with an average yield of 219.3 bu/a. There were 26 varieties entered in this irrigated test. Farmer entries consisted of (1)Golden Harvest 9173, (2)Golden Harvest 9377, (3)Golden Harvest 9138, and (4)Golden Harvest 8952.

South-Central District:

Two rainfed tests were planted in Gage and Harlan Counties

- The Gage County rainfed test was planted on May 6th at a population of 19,920 plants/acre. It was harvested on October 27th, with an average yield of 152.3 bu/a. There were 24 varieties entered in this rainfed test. Farmer entries consisted of

Continued on page 4

Continued from page 3

(1)Dekalb 61-49, (2)Dekalb 62-97, (3)Dekalb 63-87, (4)Dekalb 62-54, and (5)Pioneer 1151.

- The Harlan County rainfed test was planted on May 28th at a population of 17,550 plants/acre. It was harvested on October 29th, with an average yield of 187.9 bu/a. There were 24 varieties entered in this rainfed test. Two of the known farmer entries were (2)AgVenture R8292VBW and (3)AgVenture RL8899HB.

Two irrigated tests were planted at Clay and Phelps Counties.

- The Clay County irrigated test was planted on May 9th at a population of 30,470 plants/acre. It was harvested on October 27th, with an average yield of 224.3 bu/a. There were 29 varieties entered in this irrigated test. Farmer entries consisted of (1)Pioneer P11395XR and (2)Dekalb 64-83.
- The Phelps County irrigated test was planted on April 28th at a population of 28,690 plants/acre. It was harvested on October 17th, with an average yield of 247.2 bu/a. There were 27 varieties entered in this irrigated test. Farmer entries consisted of (1)Pioneer PO621HR, (2)Pioneer P1324HR, (3)Pioneer P1498HR, (4)Pioneer 1151HR, and (5)Pioneer P1625HR.

North/Northeast District:

There was one rainfed test planted in Dixon County.

- The Dixon County rainfed test was planted on May 10th at a population of 24,700 plants/acre. It was harvested on November 1st, with an average yield of 166.8 bu/a. There were 24 varieties entered in this rainfed test.

Three irrigated tests were planted in Dixon, Holt, and Pierce Counties.

- The Dixon County irrigated test was planted on May 9th at a population of 28,410 plants/acre. It was harvested on October 23rd, with an average yield of 179.6 bu/a. There were 24 varieties entered in this irrigated test
- The Holt County irrigated test was planted on May 3rd at a population of 31,660 plants/acre. It was harvested on October 24th, with an average yield of 241.7 bu/a. There were 15 varieties entered in this irrigated test. Note: The producer harvested part of the plots before researchers got to the farm to harvest. As a result, unequal number of blocks with row and columns were used to analyze the data. Please use the data in this table with caution.
- The Pierce County irrigated test was planted on May 4th at a population of 29,480 plants/acre. It was harvested on November 4th, with an average yield of 205.1 bu/a. There were 24 varieties entered in this irrigated test. Note: This test had a high prevalence of green snap during the growing season. Please refer to the data table to see the percentage of broken plants present.

Southwest District:

Two irrigated tests were planted in Dawson and Dundy Counties.

- The Dawson County irrigated test was planted on April 28th at a population of 29,860 plants/acre. It was harvested

on October 31st with an average yield of 220 bu/a. There were 23 varieties entered in this irrigated test. Farmer entries consisted of (1)Pioneer P1151RR, (2)Pioneer P1173RR, (3)Pioneer P1498, (4)Pioneer PO621HR, and (5)Pioneer P1324.

- The Dundy County irrigated test was planted on May 6th at a population of 30,780 plants/acre. It was harvested on October 21st with an average yield of 148.6 bu/a. There were 23 varieties entered in this irrigated test. This test had a high occurrence of green snap with an average of 21.1% broken plants per plot. Farmer entries consisted of (1)Channel 210-61 VT3, (2)Channel 210-57 Stx, (3)Channel 209-85 VT3P, (4)Channel 214-45, and (5)Channel 214-14.

West Central District:

Two irrigated tests were planted in Buffalo and Red Willow Counties.

- The Buffalo County irrigated test was planted on April 29th at a population of 30,760 plants/acre. It was harvested on October 18th, with an average yield of 254.4 bu/a. There were 22 varieties entered in this irrigated test. Farmer entries consisted of (1)Pioneer 33P84, (2)Channel 216-49VT3P, (3)Pioneer 33D47, (4)Pioneer PO1625HR, and (5)Pioneer 33D49.
- The Red Willow County irrigated test was planted on April 26th at a population of 28,150 plants/acre. It was harvested on October 28th, with an average yield of 207.9 bu/a. There were 22 varieties entered in this irrigated test. Farmer entries consisted of (1)Pioneer 33P84, (2)Channel 216-49VT3P, (3)Pioneer 33D49, (4)Pioneer PO1625HR, and (5)Pioneer 33D47.

Central District:

Two irrigated tests were planted in Custer and Lincoln Counties.

- The Custer County irrigated test was planted on April 29th at a population of 28,850 plants/acre. It was harvested on October 24th with an average yield of 247.9 bu/a. There were 23 varieties entered in this irrigated test. Farmer entries consisted of (1) Pioneer PO5041, (2) Pioneer PO621HR, (3)DeKalb DKC 55-24, (4)DeKalb DKC 62-97, and (5)DeKalb DKC 61-06.
- The Lincoln County irrigated test was planted on May 2nd at a population of 29,070 plants/acre. It was harvested on October 27th with an average yield of 179.2 bu/a. There were 23 varieties entered in this irrigated test. This test had a high occurrence of green snap with an average of 16.8% broken plants per plot. Farmer entries consisted of (1)G2 Genetics 5H210, (2)Dynagro 57V38, (3)NuTech 5H314, (4)G2 Genetics 3A513, and (5)Hoegemeyer 8102.

West District:

There was one irrigated test planted in Goshen County, Wyoming.

- The Goshen County, WY irrigated test was planted on May 5th at a population of 32,580 plants/acre. It was harvested on November 7th, with an average yield of 87.1 bu/a. There were 11 varieties entered in this irrigated test.

CULTURAL PRACTICES

Buffalo County: Irrigated; Previous crop: Soybean; Conventional tillage; Fertilizer: Applied preplant and sidedress; Herbicide: N/A

Butler County: Rainfed; Previous Crop: Soybean; No-till; Fertilizer: 130 lb liquid 32-0-0;

Herbicide: 2 qt. Lexar.

Clay County: Pivot Irrigated; Previous crop: Soybean; Disc/Field Cultivated; Fertilizer: 170 lb NH₃; 15 gal 10-34-0 (fall '10); 5 gal 10-34-0 starter; Herbicide: 16 oz Verdict+1lb Atrazine 90DF+1pt Roundup PowerMAX

Custer County: Irrigated; Previous crop: Corn; Conventional tillage; Fertilizer: Applied PRE, at planting, and POST; Herbicide: N/A

Dawson County: Irrigated; Previous crop: Corn; No-till; Fertilizer: 180 lb N; 25 lb P₂O₅; Herbicide: 16 oz glyphosate, 20 oz glyphosate

Dundy County: Irrigated; Previous crop: Corn; Conventional tillage; Fertilizer: Starter and sidedress through pivot; Herbicide: Early POST

Dixon County (Irrigated): Irrigated; Previous crop: Soybean; No-till; Fertilizer: 170 lb N; Herbicide: G-Max Lite; Roundup WeatherMAX

Dixon County (Rainfed): Rainfed; Previous crop: Soybean; No-till; Fertilizer: 150 lb N; Herbicide: G-Max Lite; Roundup WeatherMAX

Gage County: Rainfed; Previous crop: Soybean; No-till;

Fertilizer: 95 lb N, 27 lb P, 0.5 lb Zn; Herbicide: Roundup

Goshen County, WY: Irrigated; Fertilizer: 190 lb N, 50 lb P₂O₅, 20 lb S; Herbicide: N/A

Hamilton County: Pivot irrigated; Previous Crop: Soybean; No-till; Fertilizer: 180 lb actual N; 5 gal starter; Herbicide: 2 oz Corvus; Fungicide: Stratego

Harlan County: Ecofallow Rainfed; Previous crop: Winter wheat; No-till.

Holt County: Irrigated; Previous crop: Corn; Conventional tillage; Fertilizer: N/A; Herbicide: N/A

Lincoln County: Irrigated; Previous crop: Soybean; No-till; Fertilizer: 200 lb N; Herbicide: 2.5 qt Lumax + 1 lb Atrazine + 0.5 pt dicamba

Phelps County: Gravity Irrigated; Previous crop: Soybean; Ridge till; Fertilizer: Applied PRE, at planting, and POST; Herbicide: N/A

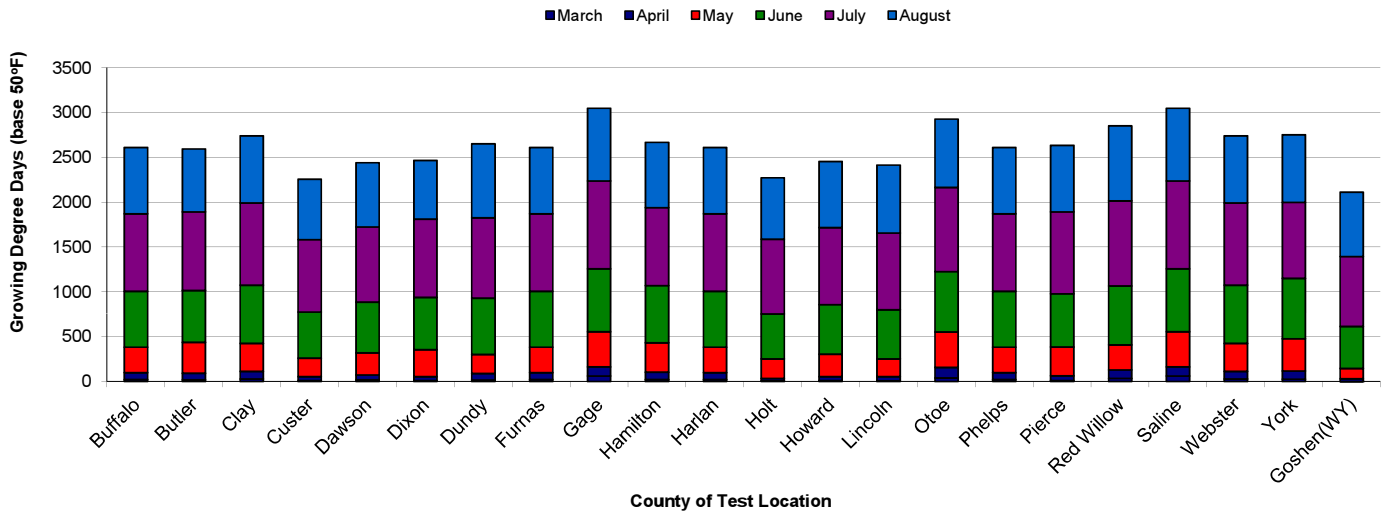
Otoe County: Rainfed; Previous Crop: Soybean; No-till; Fertilizer: 130 lb NH₃; Herbicide: 3 qt Keystone

Pierce County: Irrigated; Previous Crop: Soybean; No-till; Fertilizer: N/A; Herbicide: N/A

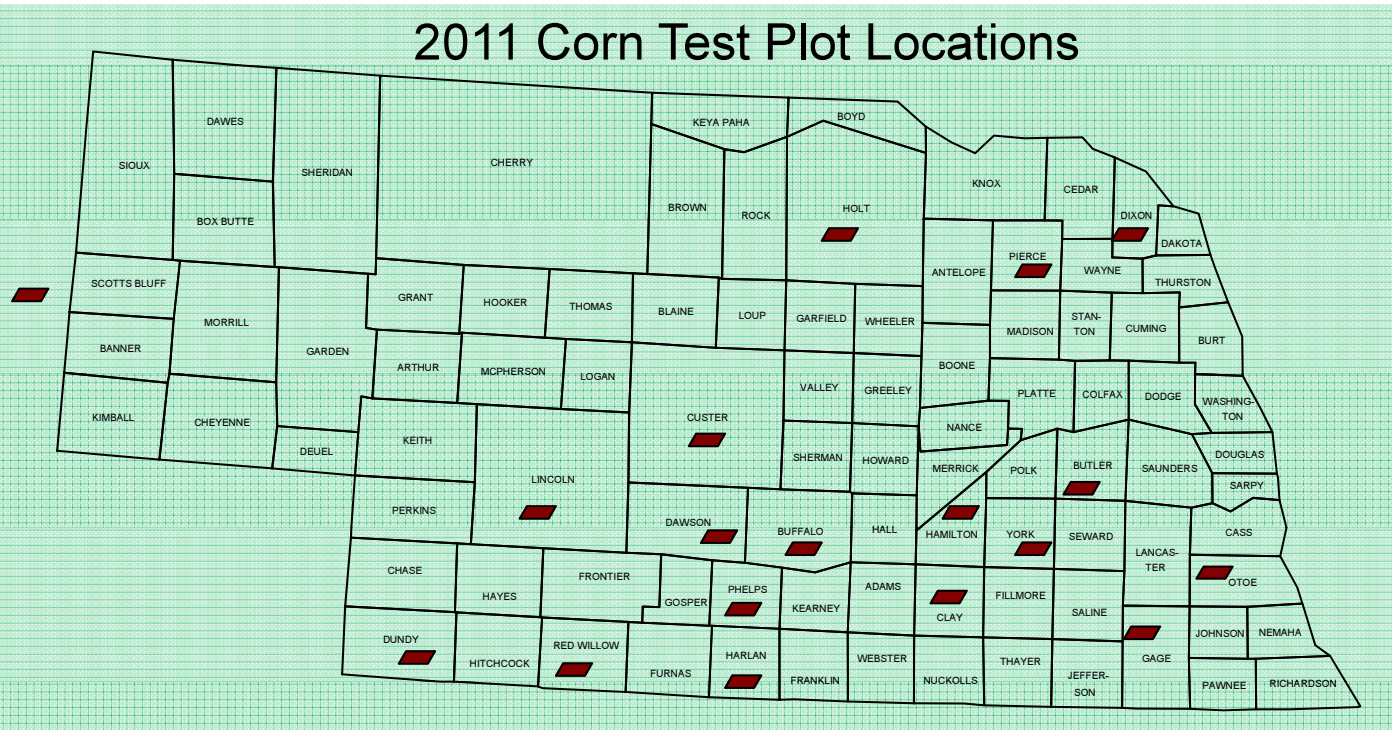
Red Willow County: Drip irrigated; Previous crop: Soybean; Conventional tillage; Fertilizer: 222 lb N; 65 lb P₂O₅; 22 lb K₂O; 22 lb S; 11 lb Mg; 4 gal 18-15-3-3-24 (starter); Herbicide: 2.5 qt Lumax PRE

York County: Pivot irrigated; Previous Crop: Soybean; Ridge till; Fertilizer: 150 lb NH₃; 15 lb 32-0-0; Herbicide: 2 qt. Lexar

Growing Degree Days at 2011 Corn and Soybean Plot Locations



2011 Corn Test Plot Locations



Precipitation at 2011 Corn and Soybean Testing Locations

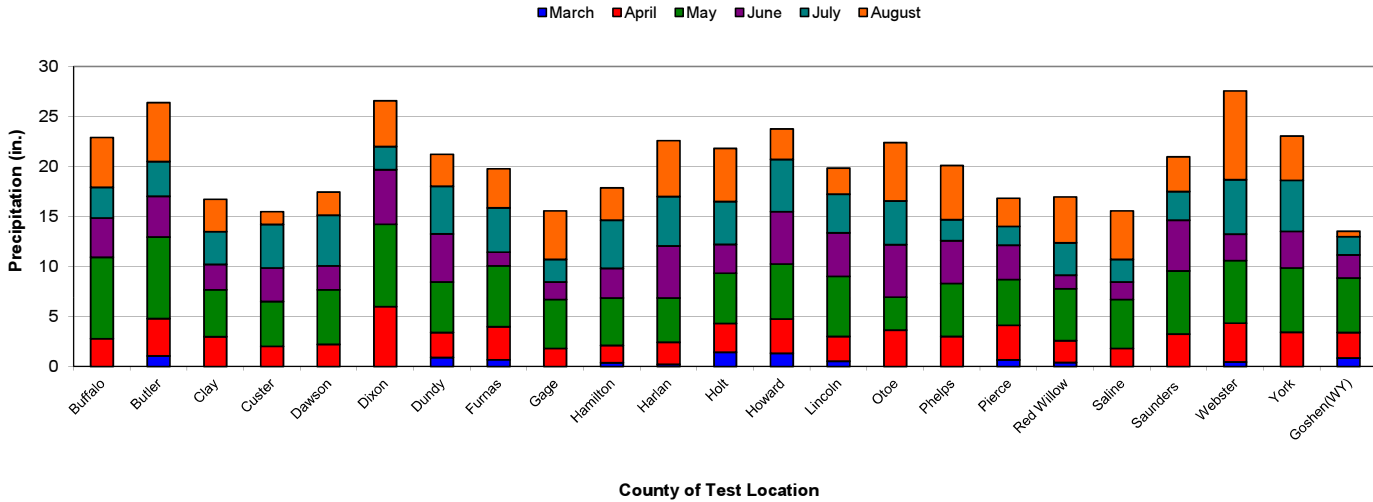


Table A. Locations, Cooperators, Planting and Harvest Dates of Nebraska Corn Test Plots - 2011

Location	Cooperator	Condition	Planted	Harvested	Latitude	Longitude
Southeast						
Butler County	Jan Fricke; Ulysses, NE	Rainfed	5/10/2011	10/25/2011	41.21501	-97.23315
Hamilton County	Mike Danhauer; Aurora, NE	Irrigated	5/3/2011	11/1/2011	40.95154	-98.01696
Otoe County	John James; Union, NE	Rainfed	5/6/2011	10/26/2011	40.85001	-95.91098
York County	Jerry Stahr; York, NE	Irrigated	5/10/2011	10/28/2011	40.88640	-97.52649
South Central						
Clay County	UNL SCREC; Harvard, NE	Irrigated	5/9/2011	10/27/2011	40.57395	-98.13928
Gage County	Scott Kepke; Clatonia, NE	Rainfed	5/6/2011	10/27/2011	40.46501	-96.88024
Harlan County	Greg Christensen; Orleans, NE	Rainfed	6/6/2011	10/31/2011	40.03021	-99.25727
Phelps County	Dennis Sand; Bertrand, NE	Irrigated	4/28/2011	10/17/2011	40.56095	-99.56950
North/Northeast						
Dixon County	UNL Haskell Ag Lab; Concord, NE	Rainfed	5/10/2011	11/1/2011	42.37700	-96.95500
Dixon County	UNL Haskell Ag Lab; Concord, NE	Irrigated	5/9/2011	10/23/2011	42.38400	-96.95600
Holt County	Jess Miner, O'Neill, NE	Irrigated	5/3/2011	10/24/2011	42.49700	-98.75500
Pierce County	Joel Carpenter, Pierce, NE	Irrigated	5/4/2011	11/4/2011	42.12034	-97.49547
West Central						
Buffalo County	Bill Stauffer; Elm Creek, NE	Irrigated	4/29/2011	10/18/2011	40.70074	-99.33741
Red Willow County	Cappel Farms; McCook, NE	Irrigated	4/26/2011	10/18/2011	40.70074	-99.33741
Southwest						
Dawson County	Mark Albrect; Cozad, NE	Irrigated	4/28/2011	10/31/2011	40.79765	-99.99522
Dundy County	Shad & Jerry Stamm; Benkelman, NE	Irrigated	5/6/2011	10/21/2011	40.12367	-101.39461
Central						
Custer County	Don Cantrell; Merna, NE	Irrigated	4/29/2011	10/24/2011	41.49646	-99.79462
Lincoln County	UNL WCREC; North Platte, NE	Irrigated	5/2/2011	10/27/2011	41.05278	-100.46291
West						
Goshen County, WY	SAREC, West Torrington, WY	Irrigated	5/5/2011	11/7/2011	42.07890	-104.23731

Table B. Soil Type and Cultural Practices at 2011 Corn Trial Sites

Location	Condition	Soil Type	Tillage	Previous Crop	Fertilizer	Herbicide	Other
Southeast							
Butler County	Rainfed	Hastings silt loam	No till	Soybean	130 lb liquid 32-0-0	2 qt Lexar	---
Hamilton County	Irrigated	Uly silt loam	No till	Soybean	180 lb actual N; 5 gal starter	2 oz Corvus	Stratego (fungicide)
Otoe County	Rainfed	Aksarben silty clay loam	No till	Soybean	130 lb NH ₃	3 qt Keystone	---
York County	Irrigated	Hastings silt loam	No till	Soybean	150 lb NH ₃ ; 15 lb 32-0-0	2 qt Lexar	---
South Central							
Clay County	Irrigated	Crete silt loam	Conventional	Soybean	170 lb NH ₃ ; 15 gal 10-34-0 (fall '10); 5 gal 10-34-0 starter	16 oz Verdict+1lb Atrazine 90DF+1pt Roundup PowerMAX	--
Gage County	Rainfed	Wymore silty clay loam	No till	Soybean	95 lb N, 27 lb P, 0.5 lb Zn	Roundup	---
Harlan County	Rainfed	Holdrege silt loam	No Till	Wheat	---	---	---
Phelps County	Irrigated	Holdrege silt loam	Ridge Till	Soybean	Applied PRE, at planting, and POST	---	---
North/Northeast							
Dixon County	Rainfed	Silty clay loam	No till	Soybean	150 lb N	G-Max Lite; Roundup WeatherMAX	---
Dixon County	Irrigated	Silt loam	No till	Soybean	170 lb N	G-Max Lite; Roundup WeatherMAX	---
Holt County	Irrigated	Sandy loam	---	---	---	---	---
Pierce County	Irrigated	Loamy sand	No till	Soybean	---	---	---
West Central							
Buffalo County	Irrigated	Cozad silt loam	Strip Till	Soybean	Applied preplant and sidedress	---	---
Red Willow County	Irrigated	Hord silt loam	No Till	Soybean	222 lb N; 65 lb P205; 22 lb K20; 22 lb S; 11 lb Mg; 4 gal 18-15-3-3-24 (starter)	2.5 qt Lumax PRE	---
Southwest							
Dawson County	Irrigated	Hord silt loam	No-Till	Corn	180 lb N; 25 lb P205	16 oz glyphosate, 20 oz glyphosate	---
Dundy County	Irrigated	Jayhem loamy sand	Conventional	Corn	Starter and sidedress through pivot	Early POST	---
Central							
Custer County	Irrigated	Graybert very fine sandy loam	Conventional	Corn	Applied PRE, at planting, and POST	---	---
Lincoln County	Irrigated	Cozad silt loam	No Till	Soybean	200 lb N	2.5 qt Lumax + 1 lb Atrazine + 0.5 pt dicamba	---
West							
Goshen County, WY	Irrigated	Haverson & McCook loams	No till	---	190 lb N, 50 lb P205, 20 lb S	---	Elevation: 4205ft

Table C. Average Performance by Location - 2011

Location	Condition	Entries	Yield LSD	Yield (bu/a, 15%)	Harvest Moisture (%)	Bushel Weight (lb/bu)	Plant Population	Broken Plants (%)	EPV (\$)*
Southeast									
Butler County	Rainfed	23	17.9	159.1	15.4	58.7	20,960	---	\$ 995
Hamilton County	Irrigated	29	24.9	224.3	15.1	59.6	30,470	---	\$1,406
Otoe County	Rainfed	21	16.1	151.6	13.3	60.0	21,240	---	\$ 962
York County	Irrigated	26	21.4	219.3	15.6	59.0	31,470	---	\$1,368
South Central									
Clay County	Irrigated	29	24.9	224.3	15.1	59.6	30,470	---	\$1,406
Gage County	Rainfed	24	11.5	152.3	14.4	60.6	19,920	---	\$ 965
Harlan County	Rainfed	24	12.0	187.9	18.9	55.7	17,550	---	\$1,144
Phelps County	Irrigated	27	23	247.2	18.9	56.5	28,690	7.5	\$1,504
North/Northeast									
Dixon County	Rainfed	24	17.8	166.8	11.7	58.7	24,700	3.6	\$1,072
Dixon County	Irrigated	24	22.0	179.6	13.5	56.5	28,410	---	\$1,139
Holt County	Irrigated	15	13.7	241.7	16.4	28.5	31,660	---	\$1,489
Pierce County	Irrigated	24	19.9	205.1	12.8	58.0	29,480	13.6	\$1,311
West Central									
Buffalo County	Irrigated	22	17.8	254.4	17.7	57.0	30,760	3.5	\$1,562
Red Willow County	Irrigated	22	24.7	207.9	13.6	59.7	28,150	14.3	\$1,318
Southwest									
Dawson County	Irrigated	23	21.4	220.0	15.1	58.5	29,860	6.7	\$1,379
Dundy County	Irrigated	23	17.1	148.6	14.6	58.8	28,530	21.1	\$ 935
Central									
Custer County	Irrigated	23	19.8	247.9	19.5	55.7	28,850	---	\$1,504
Lincoln County	Irrigated	23	29.4	179.2	16.3	59.0	29,070	16.8	\$1,112
West									
Goshen County, WY	Irrigated	11	27.9	87.1	17.4	54.2	32,580	8.9	\$ 537

*based on corn price of \$6.25/bu

Table D. Corn Entrant Brand and Hybrids Overview - 2011

Brand	Hybrids Entered
G2 Genetics	5H-013TM, 5H-0601TM, 5H-0701TM, 5H-1001TM, 5H-1401TM, 5H-1701TM, 5H-314, 5H-501TM, 5H-511TM, 5H-513TM, 5H-515TM, 5H-609TM, 5H-716TM, 5H-717TM, 5H-905TM, 5X-1301TM, 5X-210TM, 5X-411TM, 5X-812TM, 5X-903TM, 5X-908TM
Heine Hybrids	H824VT3Pro, H828VT3Pro, H836VT3Pro, H842VT3Pro, H854VT3, H855VT3Pro
LG Seeds	LG2460RR, LG2468VT3, LG2478VT3, LG2509GT3, LG2525RR, LG2544VT3, LG2552VT3, LG2555VT3, LG2602VT3Pro, LG2620VT3, LG2636VT3Pro
Nu Tech Seed	5B-0205, 5N-001, 5N-1004, 5N-102, 5N-705, 5V-514
Phillips Seeds	709VT3, 726AG, 789AG, 795VT3
Pioneer Hi-Bred	P0474XR, P0621HR, P0832XR

Table E. Corn Entrant Brand and Variety Details - 2011

Brand	Hybrid	Days to maturity	Growing DD	Technology
G2 Genetics	5H-013TM	113-	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-0601TM	106	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-0701TM	107	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-1001TM	110	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-1401TM	114	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-1701TM	117	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-314	112	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-501TM	101	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-511TM	111	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-513TM	115	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-515TM	115	-	HX1/RR2 MaximXL/C250
G2 Genetics	5H-609TM	-	-	HX1RR2 MaximXL/C250
G2 Genetics	5H-716TM	116	-	HX1RR2 MaximXL/C250
G2 Genetics	5H-717TM	117	-	HX1RR2 MaximXL/C250
G2 Genetics	5H-905TM	105	-	HX1/RR2 MaximXL/C250
G2 Genetics	5X-1301TM	113	-	HXX/RR2 MaximXL/C250
G2 Genetics	5X-210TM	110	-	HX1/RR2 MaximXL/C250
G2 Genetics	5X-411TM	111	-	HXX/RR2 MaximXL/C250
G2 Genetics	5X-812TM	112	-	HX1/RR2 MaximXL/C250
G2 Genetics	5X-903TM	103	-	HX1/RR2 MaximXL/C250
G2 Genetics	5X-908TM	108	-	HXX/RR2 MaximXL/C250
Heine Hybrids	H824VT3Pro	110	-	VT3 Pro Acceleron
Heine Hybrids	H828VT3Pro	110	-	VT3 Pro Acceleron
Heine Hybrids	H836VT3Pro	111	-	VT3 Pro Acceleron
Heine Hybrids	H842VT3Pro	112	-	VT3 Pro Acceleron
Heine Hybrids	H854VT3	112	-	VT3 acceleron
Heine Hybrids	H855VT3Pro	113	-	VT3 Pro Acceleron
LG Seeds	LG2460RR	95	-	RR
LG Seeds	LG2468VT3	97	-	VT3
LG Seeds	LG2478VT3	98	-	VT3
LG Seeds	LG2509GT3	102	-	GT3
LG Seeds	LG2525RR	105	-	RR
LG Seeds	LG2544VT3	108	-	VT3
LG Seeds	LG2552VT3	110	-	VT3
LG Seeds	LG2555VT3	112	-	VT3
LG Seeds	LG2602VT3Pro	112	-	VT3
LG Seeds	LG2620VT3	113	-	VT3
LG Seeds	LG2636VT3Pro	114	-	VT3
NuTech Seed	5B-0205	102	-	AgrisureGT/CB/LL MaximXL/C250
NuTech Seed	5N-001	101	-	Agrisure 3000GT Maxim XL/C250
NuTech Seed	5N-1004	110	-	Agrisure3000GT MaximXL/C250
NuTech Seed	5N-102	102	-	Agrisure3000GT MaximXL/C250
NuTech Seed	5N-705	105	-	Agrisure3000GT MaximxXL/C250
NuTech Seed	5V-514	114	-	Agrisure3111Viptera MaximXL/C250
Phillips Seeds	709VT3	-	-	-
Phillips Seeds	726AG	-	-	-
Phillips Seeds	789AG	-	-	-
Phillips Seeds	795VT3	-	-	-
Pioneer Hi-Bred	P0474XR	104	2450	Herculex Extra, RR2, Poncho 1250, Votivo
Pioneer Hi-Bred	P0621HR	106	2550	Herculex I, RR2, Poncho 1250, Votivo
Pioneer Hi-Bred	P0832XR	108	2650	Herculex, Extra, RR2, Poncho 1250, Votivo

Table F. Nebraska Corn Test Entrants - 2011

Entrant	Address	Contact	Phone	Email
G2 Genetics	415 S. Duff Ave, Ste C, Ames, IA 50010	Gene Kassmeyer	515-232-1997	gene.kassmeyer@nutechseed.com
Heine Hybrids	1020 E. 320th St, Vermillion, SD 57069	Todd Heine	605-677-8566	---
LG Seeds	22827 Shissler Rd, Elmwood, IL 61529	Lenard Luebker	309-742-2211	---
Nu Tech Seed	415 S. Duff Ave, Ste C, Ames, IA 50010	Gene Kassmeyer	515-232-1997	gene.kassmeyer@nutechseed.com
Phillips Seed Farms	980 Hwy 15, Hope, KS 67451	Paul Tipling	785-949-2204	---
Pioneer Hi-Bred	P.O. Box 13, Inman, NE 68742	Lou Lechtenberg	402-961-0128	---

Southeast Rainfed Corn Hybrid Tests Butler and Otoe Counties - 2011

BRAND	HYBRID	Average Yield (bu/a)	Butler (bu/a)	Otoe (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
LG SEEDS	LG 2636VT3PRO	171	167	174	14.6	57.7
G2 Genetics	5H-1001	170	175	164	13.5	59.1
G2 Genetics	5H-013	170	173	166	14.0	61.8
NuTech	5N-1004	170	172	167	13.6	59.0
G2 Genetics	5X-812	165	166	164	14.5	61.2
Phillips	795VT3	163	181	145	14.5	58.1
Phillips	726AG	163	170	156	14.8	59.2
G2 Genetics	5H-314	158	159	157	14.8	60.9
NuTech	5V-514	158	159	157	14.4	58.7
Phillips	789AG	156	161	151	15.0	58.1
Phillips	709VT3	156	146	166	16.2	57.8
G2 Genetics	5X-210	152	163	141	13.3	58.3
G2 Genetics	5H-513	152	155	149	15.4	59.3
G2 Genetics	5H-511	147	152	141	13.7	60.3
G2 Genetics	5X-1301	146	145	146	14.7	60.4
G2 Genetics	5H-0701	144	149	139	12.9	59.3
NuTech	5H-609	144	156	131	14.2	60.1
G2 Genetics	5X-411	141	137	145	14.8	60.3
G2 Genetics	5X-908	135	142	128	14.1	58.4
Average		156	159	152	14.4	59.4
Difference required for significance ($\leq 5\%$)		17.7	17.9	16.1	1.0	1.5

Southeast Rainfed Corn Hybrid Tests Butler and Otoe Counties 2010 - 2011

BRAND	HYBRID	2 Year Averages		
		Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
G2 Genetics	5H-314	186	13.7	59.0
G2 Genetics	5X-210	179	13.1	56.9
Phillips	789AG	175	13.7	56.6
G2 Genetics	5X-411	165	13.6	58.7
G2 Genetics	5X-908	164	13.0	56.9
Average		174	13.4	57.6
Difference required for significance ($\leq 5\%$)		11.2	NS	0.5

Southeast Irrigated Corn Hybrid Tests York and Hamilton Counties - 2011

BRAND	HYBRID	Average Yield (bu/a)	York (bu/a)	Hamilton (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
Phillips	726AG	245	250	240	15.4	58.8
G2 Genetics	5H-515	244	242	246	16.9	59.4
Phillips	789AG	237	242	232	16.2	57.7
G2 Genetics	5H-513	232	228	235	16.5	58.6
LG SEEDS	LG 2636VT3PRO	230	230	229	15.8	58.3
NuTech	5V-514	225	223	227	15.4	58.4
G2 Genetics	5H-013	223	222	224	15.2	62.1
G2 Genetics	5H-1401	223	210	235	15.0	60.1
G2 Genetics	5H-511	221	224	217	14.2	60.6
G2 Genetics	5H-717	221	204	238	16.2	59.4
NuTech	5N-1004	221	212	229	13.7	59.3
G2 Genetics	5H-1701	220	227	212	14.6	59.2
G2 Genetics	5H-716	218	214	221	17.0	60.4
G2 Genetics	5H-314	217	219	214	15.5	60.6
G2 Genetics	5H-1001	216	213	218	13.7	59.4
Phillips	795VT3	214	216	211	14.6	58.6
G2 Genetics	5X-411	213	212	213	15.2	61.4
Phillips	709VT3	212	206	218	17.1	57.7
G2 Genetics	5X-1301	207	211	203	15.9	60.1
G2 Genetics	5X-812	206	208	203	15.1	60.5
NuTech	5H-609	198	188	208	15.2	60.5
G2 Genetics	5X-210	197	189	204	13.9	58.9
Average		220	218	222	15.4	59.5
Difference required for significance ($\leq 5\%$)		17.6	21.4	24.9	0.6	0.8

Southeast Irrigated Corn Hybrid Tests York and Hamilton Counties 2010 - 2011

BRAND	HYBRID	2 Year Averages		
		Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
G2 Genetics	5H-515	246	15.1	58.6
G2 Genetics	5H-513	236	14.5	58.2
Phillips	789AG	229	14.4	57.0
G2 Genetics	5X-210	217	12.9	58.0
G2 Genetics	5X-411	207	14.1	59.9
Average		227	14.2	58.3
Difference required for significance ($\leq 5\%$)		NS	NS	1.06

South Central Irrigated Corn Hybrid Tests Clay and Phelps Counties - 2011

BRAND	HYBRID	Average Yield (bu/a)	Clay (bu/a)	Phelps (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)	Broken Plants (%)
G2 Genetics	5H-515	272	255	289	19.4	57.7	3
G2 Genetics	5H-513	263	248	277	18.4	57.3	0
Phillips	795VT3	256	249	263	16.7	58.1	3
Phillips	726AG	256	252	259	17.7	58.0	2
Phillips	789AG	254	240	267	18.4	56.7	1
G2 Genetics	5H-716	248	225	270	18.9	58.2	2
G2 Genetics	5H-717	248	243	252	18.7	57.9	4
G2 Genetics	5H-314	242	226	258	17.2	59.0	0
G2 Genetics	5H-013	242	230	254	16.6	59.7	2
LG SEEDS	LG 2620VT3	239	248	229	17.0	58.3	1
G2 Genetics	5H-511	238	221	254	16.3	58.8	1
NuTech	5V-514	237	235	239	17.3	57.3	1
G2 Genetics	5H-1701	234	222	246	16.7	58.1	2
Phillips	709VT3	234	221	247	19.4	56.5	2
G2 Genetics	5X-812	233	229	236	17.0	58.6	12
G2 Genetics	5H-1001	232	233	230	16.1	58.1	9
G2 Genetics	5X-411	229	223	235	16.5	59.3	0
NuTech	5N-1004	229	217	241	16.1	58.2	1
NuTech	5H-609	223	233	213	17.2	58.7	17
G2 Genetics	5X-1301	219	215	223	17.1	58.6	1
G2 Genetics	5H-1401	215	238	192	17.6	57.8	37
G2 Genetics	5X-210	211	199	223	16.0	58.0	1
Average		239	232	245	17.4	58.1	5
Difference required for significance ($\leq 5\%$)		30	22	23	0.9	NS	NS

South Central Irrigated Corn Hybrid Tests Clay and Phelps Counties 2010 - 2011

BRAND	HYBRID	2 Year Averages		
		Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
G2 Genetics	5H-513	249	16.2	57.6
G2 Genetics	5H-515	249	16.5	57.9
Phillips	789AG	238	15.7	56.9
G2 Genetics	5X-411	228	14.8	59.2
G2 Genetics	5X-210	215	14.4	58.1
Average		236	15.5	57.9
Difference required for significance ($\leq 5\%$)		NS	NS	0.4

South Central Rainfed Corn Hybrid Tests Harlan and Gage Counties - 2011

BRAND	HYBRID	Average Yield (bu/a)	Harlan (bu/a)	Gage (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
Phillips	795VT3	188	206	169	17.1	57.6
LG SEEDS	LG 2620VT3	184	198	169	16.0	58.2
G2 Genetics	5X-812	178	190	166	16.7	58.9
Phillips	789AG	176	192	159	16.8	57.5
G2 Genetics	5H-314	175	195	155	17.4	59.1
G2 Genetics	5H-1001	174	190	157	15.7	57.5
Phillips	726AG	174	197	150	16.5	57.9
G2 Genetics	5H-716	172	206	137	17.2	58.9
G2 Genetics	5H-717	172	186	157	17.4	58.5
Phillips	709VT3	172	177	166	17.1	57.4
G2 Genetics	5H-513	171	200	142	16.9	58.0
G2 Genetics	5X-1301	169	185	153	16.7	58.8
NuTech	5N-1004	169	189	148	15.3	57.8
NuTech	5V-514	169	180	157	16.6	57.6
G2 Genetics	5X-411	165	170	160	16.7	58.5
G2 Genetics	5X-210	159	168	149	16.5	57.3
NuTech	5H-609	159	186	131	16.1	58.8
G2 Genetics	5H-013	158	183	133	16.5	59.6
G2 Genetics	5H-511	157	160	154	15.8	58.3
Average		171	187	153	16.6	58.2
Difference required for significance ($\leq 5\%$)		NS	12	11.5	1.2	NS

South Central Rainfed Corn Hybrid Tests Harlan and Gage Counties 2010 - 2011

BRAND	HYBRID	2 Year Averages		
		Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
Phillips	789AG	174	14.7	58.1
G2 Genetics	5H-314	171	15.0	59.4
G2 Genetics	5X-210	161	14.3	58.3
G2 Genetics	5X-411	157	14.6	59.4
G2 Genetics	5X-210	170	14.9	58.1
Average		167	14.7	58.7
Difference required for significance ($\leq 5\%$)		NS	NS	NS

Northeast Rainfed Corn Hybrid Tests Dixon County - 2011

BRAND	HYBRID	Average Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)	Broken Plants (%)
LG SEEDS	LG 2602VT3PRO	187	11.4	56.6	1
G2 Genetics	5X-411	186	12.0	60.2	3
G2 Genetics	5X-903	181	11.2	57.0	3
HEINE HYBRIDS	H855VT3PRO	180	11.5	60.9	0
G2 Genetics	5H-511	176	12.1	60.0	14
G2 Genetics	5H-0601	175	11.8	58.6	3
G2 Genetics	5X-210	174	11.6	57.8	0
HEINE HYBRIDS	H824VT3PRO	170	11.9	59.5	11
NuTech	5N-1004	169	11.9	58.7	4
HEINE HYBRIDS	H854VT3	168	12.0	58.0	1
G2 Genetics	5X-905	165	11.3	57.0	2
G2 Genetics	5H-0701	164	11.7	58.5	7
HEINE HYBRIDS	H842VT3PRO	163	11.8	58.9	0
NuTech	5H-609	163	11.9	60.0	7
G2 Genetics	5H-1001	158	11.8	58.6	15
G2 Genetics	5H-314	157	12.2	60.2	0
G2 Genetics	5X-908	152	12.0	59.5	2
HEINE HYBRIDS	H836VT3PRO	152	11.6	58.2	7
HEINE HYBRIDS	H828VT3PRO	150	11.8	59.2	3
NuTech	5N-705	145	11.5	58.4	1
Average		167	11.8	58.8	4
Difference required for significance ($\leq 5\%$)		17.8	0.2	1.6	NS

Northeast Rainfed Corn Hybrid Tests Dixon County 2010 - 2011

BRAND	HYBRID	2 Year Averages		
		Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
G2 Genetics	5X-411	197	13.5	58.6
G2 Genetics	5X-210	185	13.3	57.5
HEINE HYBRIDS	H854VT3	179	13.1	57.7
G2 Genetics	5H-314	155	13.4	58.8
Average		179	13.3	58.2
Difference required for significance ($\leq 5\%$)		18.6	NS	SS



Dixon County Irrigated Corn Variety Test - 2011

Brand	Hybrid	Yield	Harvest	Bushel	Stand	EPV (\$)
		(bu/a, 15%)	Moisture (%)	Weight (lb/bu)		
G2 Genetics	5X-411	198.6	13.9	57.6	24380	1255.9
Farm entry 4		197.2	13.0	56.1	31410	1254.9
NuTech	5N-1004	191.7	13.9	55.7	28950	1211.9
HEINE HYBRIDS	H824VT3PRO	190.7	13.4	57.7	28890	1210.7
LG SEEDS	LG 2620VT3	191.2	13.9	55.6	29090	1208.5
HEINE HYBRIDS	H836VT3PRO	188.5	13.6	56.4	29110	1194.8
G2 Genetics	5H-0701	187.6	13.4	57.4	29670	1190.5
G2 Genetics	5H-511	188.3	14.2	57.5	27340	1188.1
Farm entry 2		184.3	12.9	57.3	30490	1174.1
HEINE HYBRIDS	H854VT3	181.6	14.1	56.2	29730	1146.2
G2 Genetics	5X-210	180.1	13.8	56.5	28990	1139.9
G2 Genetics	5H-1001	179.1	13.6	57.2	29830	1135.6
HEINE HYBRIDS	H855VT3PRO	177.8	13.8	55.8	29050	1125.0
G2 Genetics	5X-903	175.7	12.3	55.2	28740	1123.5
G2 Genetics	5X-905	173.9	12.5	55.7	28800	1111.2
HEINE HYBRIDS	H842VT3PRO	173.5	14.2	56.3	26280	1094.6
Farm entry 3		171.0	12.7	53.8	30680	1089.7
G2 Genetics	5X-908	171.3	14.0	57.5	27260	1082.6
Farm entry 1		168.8	12.6	57.5	27880	1077.7
HEINE HYBRIDS	H828VT3PRO	169.8	13.7	56.2	27370	1075.8
G2 Genetics	5H-314	170.2	14.1	56.9	28610	1074.8
NuTech	5H-609	168.7	13.3	57.6	24420	1071.0
G2 Genetics	5H-0601	165.6	13.4	56.6	28240	1050.6
Farm entry 5		164.3	13.2	55.0	26670	1045.0
Average		179.6	13.5	56.5	28410	1138.9
LSD .05		22.0	0.5	0.7	1000	139.8

Northeast Irrigated Corn Hybrid Tests Dixon County 2010 - 2011

BRAND	HYBRID	2 Year Averages		
		Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
LG SEEDS	LG 2620VT3	213	14.9	48.7
G2 Genetics	5X-411	208	14.8	47.8
G2 Genetics	5X-210	205	14.1	47.1
G2 Genetics	5H-314	202	14.6	49.1
HEINE HYBRIDS	H854VT3	199	15.0	47.4
G2 Genetics	5X-908	195	14.5	47.2
G2 Genetics	5X-905	191	13.1	45.9
Average		202	14.4	47.6
Difference required for significance ($\leq 5\%$)		NS	0.7	NS

Northeast Irrigated Corn Hybrid Tests Pierce County - 2011

BRAND	HYBRID	Average Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)	Broken Plants (%)
LG SEEDS	LG 2544VT3	231	12.1	56.6	5
G2 Genetics	5H-0701	229	12.4	58.0	4
G2 Genetics	5X-411	220	13.6	59.9	2
HEINE HYBRIDS	H842VT3PRO	220	12.8	57.5	4
G2 Genetics	5H-0601	217	12.4	57.9	17
HEINE HYBRIDS	H828VT3PRO	214	12.5	57.6	22
LG SEEDS	LG 2620VT3	214	13.0	57.3	12
G2 Genetics	5H-314	211	12.9	59.6	6
G2 Genetics	5X-210	208	12.9	58.1	2
HEINE HYBRIDS	H855VT3PRO	207	12.7	57.9	5
NuTech	5N-1004	205	12.5	57.9	7
G2 Genetics	5X-905	201	12.1	57.0	8
HEINE HYBRIDS	H854VT3	195	13.0	57.9	31
HEINE HYBRIDS	H824VT3PRO	194	12.7	58.0	19
NuTech	5H-609	186	13.1	59.5	25
G2 Genetics	5X-908	184	12.8	57.6	16
G2 Genetics	5H-511	173	13.0	59.4	30
G2 Genetics	5H-1001	169	12.7	58.5	31
HEINE HYBRIDS	H836VT3PRO	162	12.8	58.3	41
Average		202	12.7	58.1	15
Difference required for significance ($\leq 5\%$)		19.9	1.5	1.1	10.5

Northeast Irrigated Corn Hybrid Tests Holt County - 2011

BRAND	HYBRID	Average Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
LG SEEDS	LG 2544VT3	271	16.5	57.5
Pioneer Hi-Bred	P0832XR	261	17.1	59.9
G2 Genetics	5H-314	260	16.8	59.6
G2 Genetics	5H-0701	248	15.6	59.8
G2 Genetics	5H-511	244	16.6	59.7
G2 Genetics	5H-0601	243	15.6	60.0
G2 Genetics	5X-210	238	16.7	58.7
G2 Genetics	5X-411	238	17.2	60.1
Pioneer Hi-Bred	P0474XR	237	15.9	60.4
NuTech	5N-1004	236	16.6	59.2
Pioneer Hi-Bred	P0621HR	233	16.0	59.1
G2 Genetics	5X-905	232	15.6	58.1
G2 Genetics	5X-908	231	16.8	58.1
NuTech	5H-609	228	16.8	58.8
G2 Genetics	5H-1001	226	16.1	58.8
Average		242	16.4	59.2
Difference required for significance ($\leq 5\%$)		13.7	1.7	0.8



West Central Irrigated Corn Hybrid Tests Buffalo and Red Willow Counties - 2011

BRAND	HYBRID	Average Yield (bu/a)	Buffalo (bu/a)	Red Willow (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)	Broken Plants (%)
LG SEEDS	LG 2602VT3PRO	270	287	252	15.5	58.1	3
G2 Genetics	5H-513	257	268	246	16.3	58.0	3
LG SEEDS	LG 2620VT3	257	268	245	15.3	58.3	2
LG SEEDS	LG 2555VT3	257	263	250	15.7	58.6	4
G2 Genetics	5H-314	254	265	243	16.1	57.9	2
G2 Genetics	5H-013	235	262	208	15.5	58.5	7
G2 Genetics	5H-511	230	252	208	15.3	58.5	5
NuTech	5N-1004	224	227	220	14.4	59.1	1
G2 Genetics	5X-411	222	240	203	15.9	58.2	1
G2 Genetics	5X-1301	221	232	209	16.2	58.0	5
G2 Genetics	5H-0701	219	230	207	14.7	59.0	5
G2 Genetics	5X-210	215	211	219	14.9	58.8	1
G2 Genetics	5X-908	212	231	193	14.9	58.6	5
G2 Genetics	5H-1001	195	235	155	15.0	58.7	17
G2 Genetics	5H-1401	194	263	124	16.2	58.4	24
NuTech	5H-609	193	242	144	15.9	58.4	18
G2 Genetics	5X-812	179	249	108	16.4	58.0	26
Average		226	249	202	15.5	58.4	8
Difference required for significance ($\leq 5\%$)		NS	17.8	24.7	0.77	0.55	NS

West Central Irrigated Corn Hybrid Tests Buffalo and Red Willow Counties 2010 - 2011

BRAND	HYBRID	2 Year Averages		
		Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
G2 Genetics	5H-513	273	15.4	58.4
G2 Genetics	5H-314	266	14.8	59.3
LG SEEDS	LG 2620VT3	263	14.6	59.0
G2 Genetics	5X-210	236	14.1	60.1
G2 Genetics	5X-411	226	14.8	60.0
Average		253	14.7	59.4
Difference required for significance ($\leq 5\%$)		19	NS	NS

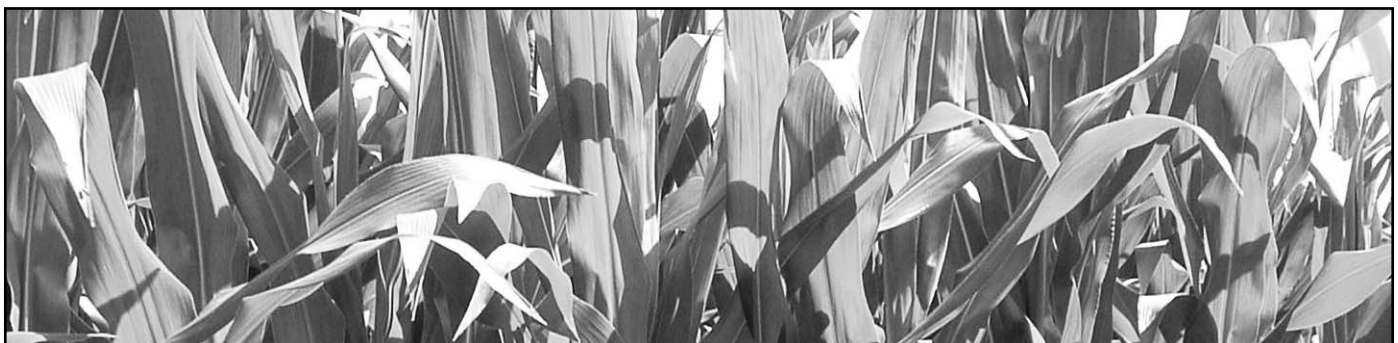


Central Irrigated Corn Hybrid Tests Lincoln and Custer Counties - 2011

BRAND	HYBRID	2 Year Averages					
		Average Yield (bu/a)	Lincoln (bu/a)	Custer (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)	Broken Plants (%)
G2 Genetics	5H-513	251	230	271	19.6	56.6	0
G2 Genetics	5H-013	240	213	267	18.0	57.4	8
LG SEEDS	LG 2555VT3	231	208	253	17.7	57.4	4
G2 Genetics	5H-511	230	199	260	17.2	57.8	6
G2 Genetics	5H-314	225	193	256	18.8	56.8	6
G2 Genetics	5H-0701	223	194	251	15.8	58.6	4
LG SEEDS	LG 2544VT3	222	183	260	16.8	57.9	14
G2 Genetics	5X-1301	218	188	247	18.7	57.0	2
G2 Genetics	5X-411	214	178	250	19.1	56.8	7
NuTech	5N-1004	214	190	237	17.1	57.8	7
LG SEEDS	LG 2636VT3PRO	211	173	249	19.0	56.7	4
NuTech	5V-514	211	192	230	18.4	57.2	8
NuTech	5H-609	207	166	247	17.6	57.6	15
G2 Genetics	5X-908	202	161	243	17.4	57.7	7
G2 Genetics	5X-210	199	155	242	18.5	57.1	0
G2 Genetics	5H-1001	199	142	256	17.1	57.5	22
G2 Genetics	5X-812	187	120	253	19.0	56.8	25
G2 Genetics	5H-1401	178	107	248	18.6	57.1	26
Average		215	177	251	18.0	57.3	9
Difference required for significance ($\leq 5\%$)		NS	29.4	16.8	1.53	0.66	NS

Central Irrigated Corn Hybrid Tests Lincoln and Custer Counties 2010 - 2011

BRAND	HYBRID	2 Year Averages		
		Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)
G2 Genetics	5H-513	237	17.6	57.3
G2 Genetics	5H-314	222	16.7	58.4
G2 Genetics	5X-411	210	17.0	58.0
G2 Genetics	5X-210	205	16.3	58.6
Average		219	16.9	58.1
Difference required for significance ($\leq 5\%$)		NS	0.2	1.1



Southwest Irrigated Corn Hybrid Tests Dawson and Dundy Counties - 2011

BRAND	HYBRID	Average Yield (bu/a)	Dawson (bu/a)	Dundy (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)	Broken Plants (%)
LG SEEDS	LG 2555VT3	219	262	175	14.9	58.5	21
LG SEEDS	LG 2552VT3	214	258	169	14.9	58.5	18
G2 Genetics	5H-513	213	263	162	15.9	58.0	6
LG SEEDS	LG 2602VT3PRO	213	257	168	14.8	58.6	18
G2 Genetics	5H-314	209	235	183	15.9	58.0	4
NuTech	5N-1004	196	226	165	13.7	59.5	21
G2 Genetics	5H-013	195	223	166	15.1	58.6	13
G2 Genetics	5X-411	184	217	151	15.5	58.5	8
G2 Genetics	5H-511	182	196	167	14.8	58.7	7
G2 Genetics	5X-1301	180	209	151	16.4	57.8	6
G2 Genetics	5X-210	179	206	152	14.7	58.8	7
G2 Genetics	5H-1401	179	207	151	15.3	58.4	15
NuTech	5V-514	175	217	133	14.8	58.7	10
G2 Genetics	5X-908	160	189	130	14.6	58.8	7
G2 Genetics	5X-812	154	187	121	14.3	59.1	18
NuTech	5H-609	154	183	124	13.8	59.4	26
G2 Genetics	5H-0701	153	174	132	13.5	59.4	8
G2 Genetics	5H-1001	145	145	144	14.2	59.1	27
Average		184	214	152	14.8	58.7	13
Difference required for significance ($\leq 5\%$)		33.6	21.4	17.1	1.2	0.9	NS



West Irrigated Corn Hybrid Tests Goshen County (WY) - 2011

BRAND	HYBRID	Average Yield (bu/a)	Harvest Moisture (%)	Bushel Weight (lb/bu)	Broken Plants (%)
G2 Genetics	5X-905	100	18.5	50.9	2
LG SEEDS	LG 2460VT3	98	13.2	56.0	18
G2 Genetics	5X-903	94	21.0	50.4	6
LG SEEDS	LG 2468VT3	92	14.1	55.1	19
NuTech	5N-102	90	14.1	55.7	20
G2 Genetics	5H-501	88	17.0	55.5	5
NuTech	5N-001	85	15.5	51.3	4
G2 Genetics	5H-0601	83	24.9	53.8	2
LG SEEDS	LG 2478VT3	81	15.9	55.7	7
G2 Genetics	5H-0701	80	20.4	54.3	1
NuTech	5B-0205	66	16.4	57.0	14
Average		87	17.4	54.2	9
Difference required for significance ($\leq 5\%$)		28	3.4	2.5	10

NEBRASKA SOYBEAN VARIETY TESTS

- 2011 -

CROP PRODUCTION SUMMARY

According to the National Agricultural Statistics Service, there were 4.9 million acres of soybeans planted in Nebraska in 2011. 4.85 million acres were harvested producing around 257 million bushels of grain. The average soybean yield of Nebraska for 2011 was 53 bushels per acre (bu/a). Soybean yields from the previous 10 years are reported below.

Average Nebraska Soybean Yield (Last 10 Years)

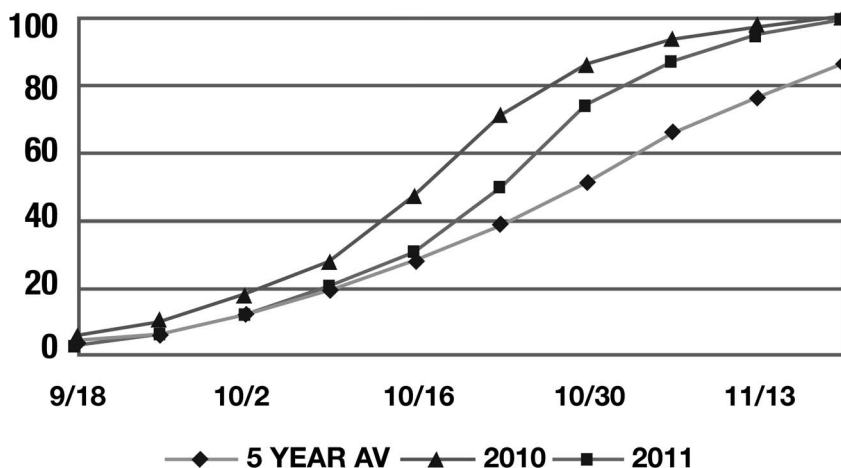
Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Yield (bu/a)	45.5	38.5	40.5	46	50.5	50	51	46.5	54.5	53	53

Source: National Agricultural Statistics Service (<http://www.nass.usda.gov>)

NEBRASKA CORN HARVESTED

PERCENT

The 2011 soybean crop in Nebraska followed the 5-year averages during the growing season. Warm temperatures and dry conditions in October allowed much of the crop to be harvested ahead of the five year average. Detailed information regarding crop progress and history can be obtained from the National Agricultural Statistics Service available online at <http://www.nass.usda.gov>



Source: USDA NASS Nebraska Field Office

PROCEDURE

Data was obtained from 12 trials at 7 locations (Table A). All entries were privately developed varieties entered by an industry representative. Farm entries were selected by the cooperating farmer. Soil type of testing sites and cultural practices applied are shown in Table B. At five locations, entries were divided into early and late maturing varieties for convenience in handling. Average performances of entries for key agronomic and quality characteristics are shown in Table C. A list of entries by brand name is shown in Table D, while details about each hybrid are shown on Table E. Names and addresses of entrants and corresponding contact addresses are listed in Table F.

Entries were planted in four-row plots 15 to 35 feet long. Plots were replicated four times in a randomized complete block design. In the Southeast, South Central and Northeast districts, a planting rate of 8.5 seeds per foot in 30-inch rows (148,100 seeds per acre) was used. The West Central plots were seeded with an air seeder which planted the same number of seeds for each plot. The population in Furnas, Lincoln and Dawson Counties were 220,000 seeds/a.

At harvest, two center rows 10 to 30 feet long were threshed for yield. Reported yields are corrected to 13% moisture. Plots were rated mature when 95% of the pods had reached their mature pod color when maturity is taken. Most often, five to ten days of drying weather are required after "maturity" before the soybeans have less than 15% moisture.

Protein and oil content was obtained from 12 tests in 2011. These are reported on a 13% moisture basis and will appear lower than many reported figures. Conversions can be made to 0% by multiplying the protein or oil by 1.13. Estimated Processed Value (EPV) is calculated from the protein and oil content from the Chicago Board of Trade prices for soybean oil (\$0.519/lb) and 48%

protein soybean meal (\$0.16/lb). EPV is calculated on an acre basis by multiplying the yield (bu/acre) by the EPV/bu.

PERFORMANCE

Performance of entries cannot be measured with absolute accuracy in one season because of variations in moisture, soil fertility and other factors. Also, most fields contain some spatial variability. Because of the many sources of variability, small yield differences have little significance. Differences required for significance are shown in each table at the 5% level. This means that differences this great would be expected through chance alone in 1 of 20 trials. A simple way of thinking of these differences is that if all the plots had been the same variety that would be the difference that would have been measured. Many soybean varieties have similar yield potentials. Early maturing varieties are favored in some seasons and later maturing varieties in others. Wet conditions in the past season favored late varieties. Zone averages and period-of-years averages provide a measure of performance over a range of environmental conditions.

Period-of-years data for varieties include two, and three-year averages when available. It should be noted that with the rapid development and turnover of varieties, very few varieties have more than one year averages. We encourage you to use data from many sources in comparing soybean varieties. The Nebraska Cooperative Extension has developed two NebGuides to assist you in choosing new soybean varieties. The titles are Using Variety Test Data to Choose Soybean Varieties Part 1 and Part 2. These are available at your local Extension office or on the web at: <http://www.ianrpubs.unl.edu/sendIt/g1546.pdf> and <http://www.ianrpubs.unl.edu/sendIt/g1547.pdf>

RESULTS AT INDIVIDUAL LOCATIONS

East/South Central District:

Six tests were planted at three locations in Clay, Furnas and Saunders Counties.

- The Clay County irrigated test was planted May 17th. Growing conditions were good. This test was harvested October 18th. The early maturing test had 7 entries and averaged 68.1 bu/a. The late maturing test had 13 entries and averaged 72.9 bu/a.
- The Furnas County irrigated tests were planted on May 16th into corn residue. This test was harvested October 14th, with the 11 early maturing entries averaging 76.4 bu/a. Farmer entries for the early test consisted of (1)Pioneer 92Y82, (2)Pioneer 92Y70, (3)Pioneer 92Y82, and (4)Pioneer 92Y70. The 17 late maturing entries averaged 72.3 bu/a with farmer entries of (1)Pioneer 93Y70, (2)Pioneer 93Y16, (3)Pioneer 93Y13, and (4)Pioneer 93M11.
- The Saunders County irrigated tests were planted on May 18th into tilled soil. This test was harvested October 19th, with the 7 early maturing entries averaging 80.1 bu/a and the 13 late maturing entries averaging 81.7 bu/a.

Southeast District:

There were four tests at two locations in Saline and Webster

Counties.

- The Saline County rainfed test was planted May 17th and harvested September 30th. This site utilized a no-till system and was planted into corn residue. The early maturing test had 6 entries and averaged 41.9 bushels per acre. The late maturing test had 12 entries and averaged 44.7 bushels per acre.
- The Webster County irrigated test was planted May 16th and was harvested October 14th. The early maturing contained 10 entries with an average yield of 78.5 bu/a. Farmer entries for the early test consisted of (1)Pioneer 92Y70, (2)Asgrow AG 2732, (3)Asgrow AG 2931, and (4)NK S28B4. The late test averaged 75.1 bu/a across 16 entries. Farmer entries for the early test consisted of (1)Asgrow AG 3130, (2)Asgrow AG 3132, (3)Pioneer 93Y13, and (4)Pioneer 93Y70.

Central District:

Two irrigated tests were planted in Howard and Dawson Counties.

- The Howard County irrigated test was planted on June 2nd into corn residue. The test had 17 entries and was harvested on October 19th with an average yield of 70.6 bu/a. Farmer entries consisted of (1)Pioneer 93M11, (2)Pioneer 92Y76, (3)Pioneer 92Y82, and (4)NK S28-B4.
- The Dawson County irrigated test was planted June 2nd and harvested October 19th with 17 entries yielding 68.1 bu/a. Farmer entries consisted of (1)Pioneer 93M11, (2)Pioneer 92Y76, (3)Pioneer 92Y82, and (4)NK S28-B4.

CULTURAL PRACTICES

Clay County: Pivot Irrigated; Previous Crop: Corn; Conventional tillage; Fertilizer: 15 gal 10-34-0 (fall '10); Herbicide: 2 applications Roundup PowerMAX 32 oz/ac

Dawson County: Irrigated; Conventional tillage; Previous Crop: Corn; Fertilizer: None; Herbicide: 2 applications of glyphosate post-emergence

Furnas County: Irrigated; Previous Crop: Corn; No-till; Fertilizer: None; Herbicide: 2 applications of glyphosate post-emergence

Howard County: Pivot irrigated; Previous Crop: Corn; Fertilizer: none; Herbicide: N/A

Saline County: Rainfed; Previous Crop: Corn; No-till; Fertilizer: none; Herbicide: Envide; Roundup PRE; Roundup + 3 oz FirstRate + 6 oz Select POST

Saunders County: Irrigated; Previous Crop: Wheat; No-till; Fertilizer: none; Herbicide: 2 oz Valor, 1 pt 2,4-D, Roundup POST

Webster County: Irrigated; Previous Crop: Corn; No-till; Fertilizer: None; Herbicide: 2 applications of glyphosate

Table A. Locations, Cooperators, Planting and Harvest Dates of Nebraska Soybean Test Plots in 2011

Location	Cooperator	Condition	Test Maturity	Date Planted	Date Harvested	Latitude	Longitude
East / South Central							
Clay County	UNL South Central Res & Ext Center; Harvard, NE	Irrigated	Early and Late	5/17/2011	10/18/2011	40.57196	-98.13823
Furnas County	Steve Henry; Arapahoe, NE	Irrigated	Early and Late	5/16/2011	10/14/2011	40.18585	-100.46626
Saunders County	UNL Agricultural Res & Dev Center; Ithica, NE	Irrigated	Early and Late	5/18/2011	10/19/2011	41.16673	-96.40705
Southeast District							
Saline County	Dennis Broz; Wilber, NE	Rainfed	Early and Late	5/17/2011	9/30/2011	40.46502	-97.09425
Webster County	Daren Niemeyer; Bladen, NE	Irrigated	Early and Late	5/16/2011	10/14/2011	40.29356	-98.61992
Central District							
Dawson County	Mark Albrecht; Cozad, NE	Irrigated	---	6/2/2011	10/19/2011	40.79765	-99.99520
Howard County	Joe Jerabek; Ashton, NE	Irrigated	---	6/2/2011	10/19/2011	41.20463	-98.71521

Table B. Soil Type and Cultural Practices at 2011 Soybean Trial Sites

Location	Condition	Soil Type	Tillage	Previous Crop	Fertilizer	Herbicide
East / South Central						
Clay County	Irrigated	Crete silt loam	Conventional	Corn	15 gal 10-34-0 (fall '10)	2 applications Roundup PowerMAX 32 oz/ac
Furnas County	Irrigated	Hord silt loam	No-till	Corn	None	2 applicatons of glyphosate
Saunders County	Irrigated	Tomek silt loam	Conventional	Wheat	None	2 oz Valor; 1 pt 2,4-D; Round up POST
Southeast District						
Saline County	Rainfed	Crete silt loam	No-till	Corn	None	Roundup
Webster County	Irrigated	Hastings silt loam	No-till	Corn	None	2 applicatons of glyphosate
Central District						
Howard County	Irrigated	Hord silt loam	No-till	Corn	---	---
Dawson County	Irrigated	Cozad silt loam	Conventional	Corn	None	2 applicatons of glyphosate

Table C. Average Performance of Soybean Entries at Each Test Location - 2011

Test	Entries	Yield (bu/a)	Bushel Weight (lb/bu)	Plant height (inch)	Seed size (grain/lb)	Grain Protein (%)	Grain Oil (%)	EPV (\$)
East/South Central								
Clay Early (Irrigated)	7	68.1	54.9	40	2641	35.0	19.2	12.8
Clay Late (Irrigated)	13	72.9	55.6	45	2687	34.2	18.6	12.5
Furnas Early (Irrigated)	11	76.4	58.0	44	2769	34.4	19.5	-
Furnas Late (Irrigated)	17	72.3	56.8	46	2806	33.6	18.9	12.4
Saunders Early (Irrigated)	7	80.1	55.5	40	2981	34.9	19.4	12.8
Saunders Late (Irrigated)	13	81.7	55.6	45	2953	32.7	18.9	12.2
Southeast District								
Saline Early (Rainfed)	6	41.9	55.0	29	2683	35.2	19.2	-
Saline Late (Rainfed)	12	44.7	53.9	31	2745	35.3	18.7	12.7
Webster Early (Irrigated)	10	78.5	58.0	42	2886	35.1	18.5	12.6
Webster Late (Irrigated)	16	75.1	58.1	44	2929	35.4	17.8	12.4
Central District								
Howard (Irrigated)	17	70.6	57.8	43	2882	34.5	17.6	12.2
Dawson (Irrigated)	17	68.1	57.9	44	3033	35.0	17.8	-

Table D. 2011 Soybean Entrant Brand and Hybrids Overview

Brand Name	Hybrid Varieties
G2-Genetics	7208, 7230, 7249, 7250, 7262, 7270, 7272, 7290, 7286, 7282, 6311, 7310, 7325, 7328, 7332, 7349, 7342, 7372, 7373, 7375, 7382, 7390
NuTech	6281, 7309, 7359, 7365, 7388
Phillips	381NRR, 365NR2Y, 320NR2Y, 386NR2Y, 395NR2Y, 387NR2Y
Willcross	RY2362N, 2350NS, RY2342N, RY2321N

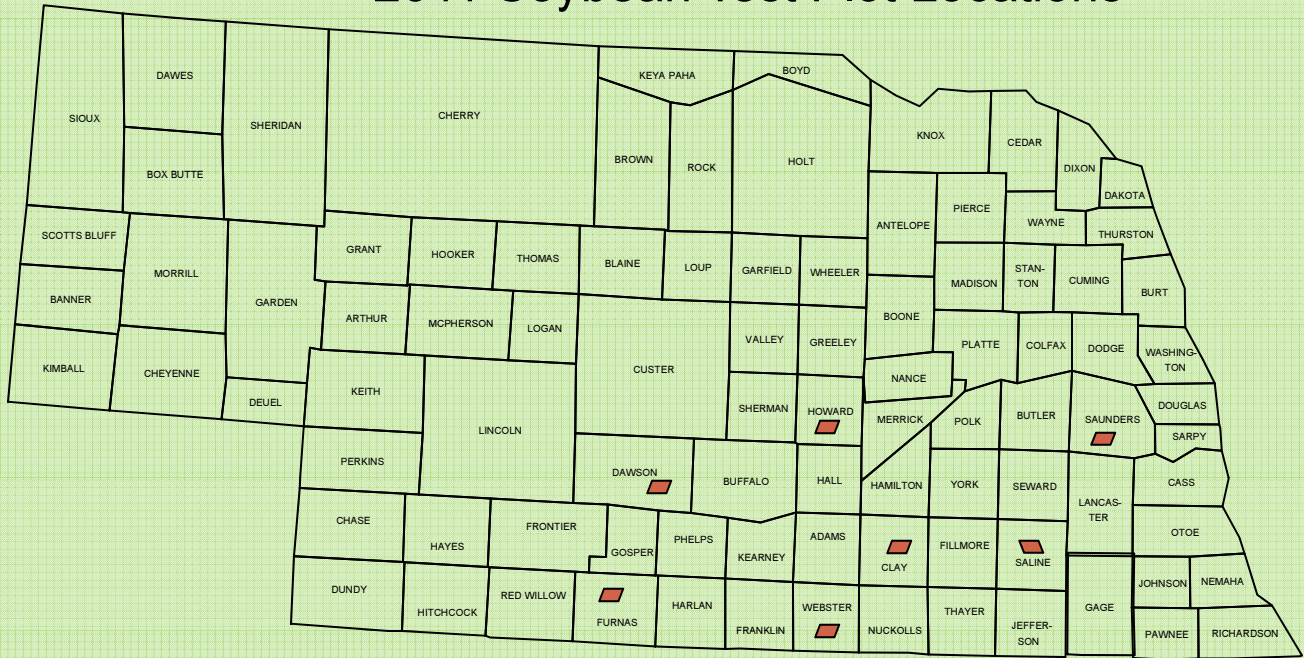
Table E. 2011 Soybean Entry Brand, Hybrid, and Technology Details

Brand	Variety	Color				Maturity Group	Seedling rate (seed/ft 30" row)	Phyto
		Flower	Pubesc	Pod	Hilum			
G2-Genetics	6311	W	Lt	-	BL	3.1	10	Rps 1k
G2-Genetics	7208	M	T	-	BL	2	10	Rps 1c
G2-Genetics	7230	W	Lt	-	BL	2.3	10	Rps 1c
G2-Genetics	7249	P	Lt	-	BR	2.4	10	Rps 1k
G2-Genetics	7250	P	G	-	BF	2.5	10	Rps 1k
G2-Genetics	7262	W	Lt	-	BR	2.6	10	Rps 1c
G2-Genetics	7270	P	Lt	-	BL	2.7	10	Rps 1k
G2-Genetics	7272	P	Lt	-	BL	2.7	10	Rps 1k
G2-Genetics	7282	P	Lt	-	BL	2.8	10	Rps 1k
G2-Genetics	7286	W	Lt	-	BL	2.8	10	Rps 1k
G2-Genetics	7290	P	Lt	-	BL	2.9	10	Rps 1k
G2-Genetics	7310	W	Lt	-	BR	3.1	10	Rps 1k
G2-Genetics	7325	P	G	-	IB	3.2	10	Rps 1k
G2-Genetics	7328	W	Lt	-	BL	3.2	10	-
G2-Genetics	7332	P	Lt	-	BL	3.3	10	Rps 1k
G2-Genetics	7342	P	Lt	-	BR	3.4	10	Rps 1a
G2-Genetics	7349	P	Lt	-	BR	3.4	10	Rps 1k
G2-Genetics	7372	W	Lt	-	BL	3.7	10	-
G2-Genetics	7373	P	Lt	-	BL	3.7	10	Rps 1k
G2-Genetics	7375	W	Lt	-	BL	3.7	10	Rps 1k
G2-Genetics	7382	W	Lt	-	BL	2.8	10	Rps 1k
G2-Genetics	7390	W	Lt	-	BL	3.9	10	Rps 1k
NuTech	6281	-	-	-	-	2.8	10	-
NuTech	7309	-	-	-	-	2.8	10	-
NuTech	7359	-	-	-	-	3.5	10	-
NuTech	7365	-	-	-	-	3.6	10	-
NuTech	7388	-	-	-	-	3.8	10	-
Phillips	365NR2Y	P	IB	Buff Br	Gray	0	-	-
Phillips	381NRR	W	Lt	Tan	BL	-	-	-
Phillips	386NR2Y	P	Br	Br	Lt	-	-	-
Phillips	387NR2Y	P	IB	Br	Gray	-	-	-
Phillips	395NR2Y	P	Bl	Br	Lt	-	-	-
Willcross	2350NS	-	-	-	-	3.5	-	Rps 1c
Willcross	RY2321N	-	-	-	-	3.2	-	Rps 1c
Willcross	RY2342N	-	-	-	-	3.4	-	Rps 1k
Willcross	RY2362N	-	-	-	-	3.6	-	Rps 1c

Table F. 2011 Nebraska Soybean Performance Tests Entrants

Brand	Entrant	Address	Possible Contact	Phone
G2 Genetics	G2-Genetics	36131 Hwy 69N, Forest City, IA 50436	Tom Thompson	641-581-3350
Nu Tech	Nu Tech Seed	36131 Hwy 69N, Forest City, IA 50436	Tom Thompson	641-581-3350
Phillips	Phillips Seed Farms	980 Hwy 15, Hope KS 67451	Paul Tipling	785-949-2204
Willcross	Willcross Seed	P.O.Box 667 4564 US Hwy 169 King City Mo 64463	Jennifer Hass	800-411-5957

2011 Soybean Test Plot Locations



East Central Early Maturing Soybean Variety Test - 2011 Saunders, Clay and Furnas Counties

Brand	Variety	Yield (bu/a)				Bushel Weight (lb/bu)	Seed size (grain/lb)	Grain Protein (%)	Grain Oil (%)	EPV (\$)	Plant height (inch)
		Average	Saunders	Clay	Furnas						
G2-Genetics	7286	78.2	85.0	70.4	79.1	55.8	3120	34.7	19.0	991	40
NuTech	6281	77.0	84.1	69.6	77.3	56.0	2800	34.4	19.6	982	41
G2-Genetics	7290	76.9	79.6	73.0	78.2	55.6	2980	35.1	19.2	987	40
G2-Genetics	7282	75.3	81.5	67.7	76.7	58.2	2950	33.8	19.8	962	43
NuTech	7309	74.1	77.8	70.8	73.7	55.8	2650	34.7	19.2	944	44
G2-Genetics	7270	73.0	82.0	59.6	77.4	56.4	2910	34.2	19.7	936	41
G2-Genetics	7272	68.2	70.5	60.4	73.8	55.4	2860	36.9	18.9	904	39
Average of All Entries		74.7	80.1	67.4	76.6	56.2	2896	34.8	19.3	958	41
Difference required for significance 5%		5.4	8.3	8.9	NS	0.5	NS	NS	0.7	NS	2

East Central Late Maturing Soybean Variety Test - 2011 Saunders, Clay and Furnas Counties

Brand	Variety	Yield (bu/a)				Bushel Weight (lb/bu)	Seed size (grain/lb)	Grain Protein (%)	Grain Oil (%)	EPV (\$)	Plant height (inch)
		Average	Saunders	Clay	Furnas						
NuTech	7388	81.8	85.2	80.4	79.9	56.2	2880	32.8	18.6	995	43
Phillips	386NR2Y	80.1	90.9	71.7	77.7	56.0	3080	33.4	17.8	965	47
Phillips	381NRR	79.5	84.6	78.4	75.5	56.0	2830	33.2	18.2	961	44
G2-Genetics	7349	78.6	82.7	76.8	76.4	55.4	2620	34.0	19.0	984	46
NuTech	7359	77.6	86.7	73.2	73.0	55.5	2740	34.3	18.7	971	43
NuTech	7365	75.4	74.6	72.2	79.4	56.7	3300	32.4	18.4	907	46
Phillips	387NR2Y	74.6	78.4	73.2	72.2	57.0	2760	33.8	17.9	907	47
G2-Genetics	7325	73.9	80.3	75.7	65.8	56.6	2960	31.6	20.0	918	46
G2-Genetics	6311	73.3	85.1	66.6	68.1	55.2	2640	33.5	19.8	930	45
G2-Genetics	7310	72.9	80.9	66.1	71.6	55.7	2520	34.7	19.2	928	44
Phillips	395NR2Y	72.9	73.4	75.1	70.3	55.7	2750	33.6	18.4	895	48
Phillips	320NR2Y	72.3	77.4	71.3	68.2	56.3	2710	34.4	18.3	896	47
G2-Genetics	7328	70.7	82.1	66.8	63.3	55.5	2790	33.9	18.9	883	46
Average of All Entries		75.7	81.7	72.9	72.4	56.0	2814	33.5	18.7	934	46
Difference required for significance 5%		6.9	8.5	11.9	4.7	0.7	122	0.5	0.4	NS	1



Southeast Early Maturing Soybean Variety Test - 2011 Saline and Webster Counties

Brand	Variety	Yield (bu/a)			Bushel Weight (lb/bu)	Seed size (grain/lb)	Grain Protein (%)	Grain Oil (%)	EPV (\$)	Plant height (inch)
		Average	Saline	Webster						
G2-Genetics	7349	63.0	43.3	82.6	55.7	2570	34.9	19.0	801.4	37
WILLCROSS	RY2321N	62.6	43.2	82.0	56.4	2810	37.0	17.1	783.1	36
G2-Genetics	6311	61.4	41.7	81.0	56.3	2670	35.0	19.4	792.0	36
G2-Genetics	7325	60.7	41.4	80.0	57.1	2960	33.0	19.8	765.4	37
WILLCROSS	RY2342N	60.3	40.9	79.7	56.5	2590	35.2	18.4	760.7	35
G2-Genetics	7290	59.9	41.2	78.6	56.6	2730	36.3	19.0	782.0	33
Average of All Entries		61.3	42.0	80.7	56.4	2722	35.2	18.8	780.8	36
Difference required for significance 5%		1.0	NS	4.8	NS	181.0	0.7	0.6	17.1	NS

Southeast Late Maturing Soybean Variety Test - 2011 Saline and Webster Counties

Brand	Variety	Yield (bu/a)			Bushel Weight (lb/bu)	Seed size (grain/lb)	Grain Protein (%)	Grain Oil (%)	EPV (\$)	Plant height (inch)
		Average	Saline	Webster						
G2-Genetics	7390	63.2	47.7	78.6	56.0	2830	35.8	18.4	803.3	35
G2-Genetics	7373	62.1	46.9	77.3	55.9	2690	35.0	18.7	783.4	39
Phillips	381NRR	62.1	47.5	76.7	56.1	2880	35.0	18.1	776.6	36
Phillips	320NR2Y	60.8	45.0	76.5	56.4	2870	36.1	17.9	766.1	37
WILLCROSS	RY2362N	60.5	40.0	80.9	56.2	2980	35.7	17.5	750.8	35
Phillips	386NR2Y	60.0	48.5	71.5	55.8	3140	34.9	17.6	738.9	38
Phillips	395NR2Y	59.8	45.2	74.4	54.1	2790	34.9	18.2	744.2	37
G2-Genetics	7375	58.4	46.6	70.2	57.5	2770	35.0	18.7	739.6	38
Phillips	387NR2Y	58.3	41.3	75.3	56.5	2880	35.2	17.8	725.0	39
WILLCROSS	2350NS	58.1	44.1	72.1	56.7	2860	36.0	18.4	740.5	37
G2-Genetics	7382	57.6	39.4	75.8	58.4	2590	34.4	18.9	723.7	38
G2-Genetics	7372	56.6	44.3	68.9	54.2	2800	34.9	18.5	711.5	38
Average of All Entries		59.8	44.7	74.9	56.2	2840	35.2	18.2	750.3	37
Difference required for significance 5%		7.5	5.5	5.0	NS	177	1.1	0.5	NS	2



Central Irrigated Soybean Variety Test - 2011 Howard and Dawson Counties

Brand	Variety	Yield (bu/a)			Bushel Weight (lb/bu)	Seed size (grain/lb)	Grain Protein (%)	Grain Oil (%)	EPV (\$)	Plant height (inch)
		Average	Howard	Dawson						
G2-Genetics	6311	74.1	75.2	72.9	58.5	2700	34.4	18.3	920.1	44
G2-Genetics	7332	72.1	71.8	72.3	57.6	2880	34.7	17.4	880.1	43
G2-Genetics	7270	71.0	74.9	67.0	57.8	3020	34.3	18.0	874.1	43
G2-Genetics	7342	70.8	72.0	69.6	58.6	3100	34.2	17.4	856.0	44
NuTech	6281	70.7	73.7	67.7	56.7	2790	35.2	17.9	882.0	42
G2-Genetics	7290	70.5	72.1	68.8	56.6	2960	35.2	17.7	873.6	43
G2-Genetics	7286	70.3	71.0	69.6	57.5	3120	35.0	18.2	874.5	42
G2-Genetics	7390	68.6	72.0	65.1	58.5	2960	35.9	17.5	851.7	42
G2-Genetics	7373	68.4	68.6	68.2	59.1	2810	34.6	17.9	842.7	48
NuTech	7359	68.0	69.0	66.9	58.8	2790	36.2	17.1	842.6	45
NuTech	7388	67.9	68.3	67.4	58.7	2990	35.0	16.7	812.5	42
NuTech	7365	66.8	68.8	64.7	58.7	3280	33.8	17.4	802.7	44
G2-Genetics	7372	65.2	65.7	64.6	56.8	2830	35.2	17.1	794.2	48
Average of All Entries		69.6	71.0	68.1	58.0	2941	34.9	17.6	854.4	44
Difference required for significance 5%		3.7	4.9	NS	0.8	203	1.0	0.6	43.9	2

Nebraska Soybean Variety Test 2010 - 2011

Brand	Variety	Yield (bu/a)	Bushel Weight (lb/bu)	Seed size (grain/lb)	Grain Protein (%)	Grain Oil (%)	EPV (\$)
East Central Irrigated							
Early Set Two Years							
G2-Genetics	7290	72	55	2980	35.7	19.1	924
Late Set Two Years							
Phillips	381NRR	77	55	2830	33.8	18.6	938
NuTech	7388	77	55	2880	33.6	18.8	938
G2-Genetics	6311	72	55	2640	34.2	19.9	905
NuTech	7365	70	55	3300	34.0	18.7	863
Average		74	55	2913	33.9	19.0	911
Difference req. for sig 5%		6.9	0.7	122.0	0.5	0.4	NS
Late Set Three Years							
G2-Genetics	6311	67	54	2640	34.1	19.9	811
SouthEast							
Early Set Two Years							
G2-Genetics	6311	57	55	2670	35.0	19.5	733
Late Set Two Years							
G2-Genetics	7390	62	55	2830	34.8	19.0	777
Phillips	381NRR	60	54	2880	34.5	18.7	742
Average		61	55	2855	34.7	18.9	760
Central Irrigated							
Two Years							
G2-Genetics	6311	70	58	2700	33.9	19.0	864
G2-Genetics	7290	68	57	2960	34.1	19.0	845
NuTech	7388	67	58	2990	34.3	18.0	815
NuTech	7365	66	58	3280	33.9	18.9	818
Average		68	58	2983	34.1	18.7	836
Difference req. for sig 5%		3.6	0.8	203.0	1.0	0.6	43.9
Three Years							
G2-Genetics	6311	71	57	2700	34.0	19.2	832



NEBRASKA GRAIN SORGHUM VARIETY TESTS - 2011 -

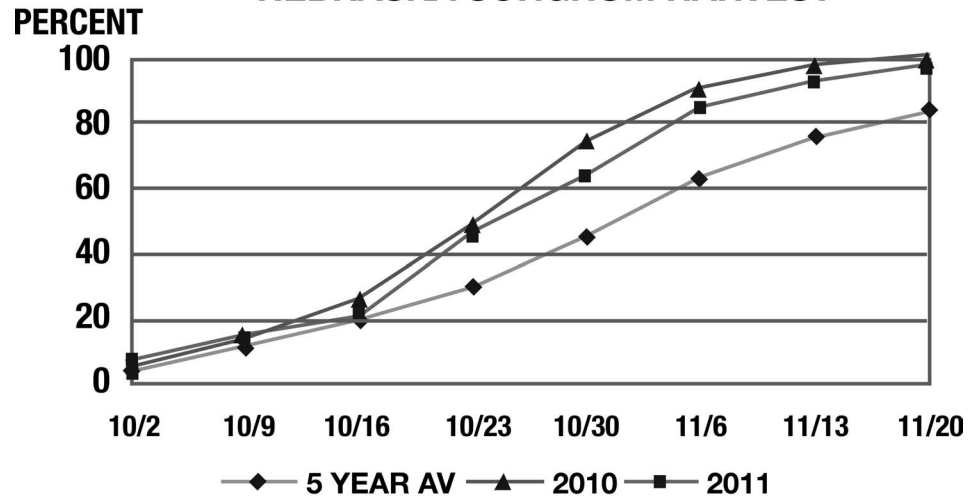
CROP PRODUCTION SUMMARY

According to the National Agricultural Statistics Service, there were 150 thousand acres of grain sorghum planted in Nebraska in 2011. 71 thousand acres were harvested producing around 6.3 million bushels of grain. The average grain sorghum yield of Nebraska for 2011 was 89 bushels per acre (bu/a). The table below shows grain sorghum yields and the number of acres planted from the previous 10 years.

<u>Average Nebraska Grain Sorghum Yield/Acres Planted (Last 10 Years)</u>											
Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Yield (bu/a)	84	50	62	78	87	78	94	91	93	91	89
Thousand Acres Planted	550	450	660	550	340	370	350	300	235	155	150

PROCEDURE

NEBRASKA SORGHUM HARVEST



Detailed information regarding crop progress and history can be obtained from the National Agricultural Statistics Service available online at <http://www.nass.usda.gov>.

Source: USDA NASS Nebraska Field Office

PROCEDURE

There was one grain sorghum hybrid test at the UNL Mead ARDC in Saunders County.

Seed for testing was furnished by the entrant. Seeding was accomplished using a cone-mounted row planter. Each plot was two 30 inch rows and 15 feet long. We have very few entries and this has been the pattern for a while. All commercial entries were from Monsanto.

A statistical measure of differences required for significance is given in the table (LSD). These differences were computed at the 5 percent levels of significance. At the 5% level, a difference of that magnitude would be expected once in twenty trials through chance alone.

RESULTS

All tests were machine harvested. Six entries were planted at one location at the UNL ARDC in Saunders County. The test was planted on May 18th. It was harvested on November 4th, with an average yield of 58.3 bu/a. Yield for three of the commercial entries is within the national sorghum yield.

2011 Grain Sorghum Test General Information

Locations, Cooperators, Planting and Harvest Dates

Location	Cooperator	Planted	Harvested	Longitude	Latitude
Saunders County	UNL Mead ARDC	5/18/2011	11/4/2011	-96.409483	41.15921

Soil Type and Cultural Practices

Location	Soil Type	Tillage	Previous Crop	Fertilizer	Herbicide
Saunders County	Tomek silt loam	Conventional	Soybean	None	1 lb Atrazine

Average Performance of Entries

Location	Yield (bu/a, 15.5%)	Harvest Moisture (%)	Bushel Weight (lb/bu)	EPV \$
Saunders County	57.1	14.5	58.5	392.46

Brand and Hybrids

Brand	Hybrids Entered
DeKalb	DKS44-20, DKS54-03, DKS49-45, DKS53-67
AA---- (UNL Entries)	3006, 3036

Company Information

Brand Name	Entrant	Address	Contact
DeKalb	Monsanto Company	7159 N. 247th West, Mt. Hope, KS 67108	Michael Lenz

Grain Sorghum Variety Test at Mead in Saunders County- 2011

Brand	Hybrid	Yield (bu/a, 15.5%)	Harvest Moisture (%)	Bushel Weight (lb/bu)	EPV
Dekalb	DKS44-20	80.8	13.5	60.7	\$ 556.74
Dekalb	DKS54-03	77.7	13.5	59.3	\$ 535.41
Dekalb	DKS49-45	73.9	13.6	59.8	\$ 508.82
Dekalb	DKS53-67	61.9	14.0	60.7	\$ 425.52
AA-----	UNL3006	28.8	15.2	52.9	\$ 196.17
AA-----	UNL3036	19.4	15.1	57.5	\$ 132.10
Average		57.1	14.5	58.5	\$ 392.46
LSD .05		21.0	0.3	1.4	\$ 144.80
EPV estimated at \$6.89 per bushel					

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NEBRASKA

2011 Alfalfa Variety Test

Havelock, Lancaster County, Agronomy Research Farm

Irrigated -- 2010 Seeding

Dry Matter Tons/Acre*

Entry	Seeding Year ¹	2011					Total
	Total	18-May	24-Jun	27-Jul	8-Sep	21-Oct	
Released Cultivars							
Integra8400	3.24	2.76	2.04	2.55	1.51	1.45	10.47
Hybri+Jade	3.47	2.92	2.07	2.55	1.56	1.21	10.28
WL363HQ	3.19	2.68	2.02	2.65	1.59	1.28	10.14
DG4210	2.95	2.63	1.95	2.69	1.54	1.32	10.11
Hybriforce2400	3.38	2.75	2.04	2.40	1.58	1.30	10.01
DKA43-13	3.21	2.46	1.95	2.63	1.49	1.38	10.00
DKA50-18	3.22	2.75	2.00	2.47	1.43	1.28	9.85
WL343HQ	3.21	2.65	1.95	2.43	1.54	1.11	9.59
PhirstExtra	3.62	2.49	1.85	2.35	1.50	1.23	9.33
Vernal	3.43	2.82	1.92	2.02	1.55	0.93	9.30
Wrangler	3.25	2.80	1.63	2.17	1.42	0.94	8.87
Experimental Strains							
FG46M329	3.10	2.89	2.09	2.55	1.55	1.45	10.55
BY812-T	3.62	2.89	2.12	2.55	1.60	1.26	10.46
FG46M328	3.08	2.62	2.05	2.84	1.50	1.41	10.43
BY723	3.42	2.66	2.02	2.45	1.48	1.16	9.69
Experiment mean	3.29	2.70	1.98	2.49	1.52	1.25	9.95
CV (%)	8.86	10.24	7.97	8.42	8.77	8.60	5.24
MCV (%)	12.53	14.48	11.27	11.91	12.43	13.22	7.41
LSD (0.05)	0.41	0.39	0.22	0.30	0.19	0.15	0.74
LSD (0.25)	0.25	0.23	0.13	0.17	0.11	0.09	0.43
LSR (%)	15.14	32.11	27.45	23.98	27.59	17.69	24.66

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models.

Therefore, year or multiple-year totals will not be the arithmetic sum of individual cuts or years, respectively.

¹=3 cuts

DESIGN: Randomized block

PLOT SIZE: 5 rows 3' by 12'

METHOD OF SEEDING: Carter cone drill

PLANTING DATE: 5-6-2010

SOIL TYPE: Crete silt loam

REPS: 4

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2011 Alfalfa Variety Test

Havelock, Lancaster County, Agronomy Research Farm • Irrigated -- 2009 Seeding

Entry	Dry Matter Tons/Acre								
	Seeding Year ¹		2011						2-year
	Total	2010	25-May	24-Jun	27-Jul	2-Sep	21-Oct	TOTAL	Total
Released Cultivars									
DKA43-13	2.08	8.37	2.53	1.85	2.43	1.19	1.04	9.05	17.42
Genoa	1.99	8.06	2.56	1.68	2.14	1.29	1.16	8.84	16.91
6417	2.13	8.46	2.60	1.41	2.22	1.16	0.96	8.34	16.80
55V48	2.11	8.50	2.77	1.57	2.01	0.98	0.95	8.28	16.78
6552	2.00	8.41	2.42	1.58	2.16	1.17	1.03	8.37	16.78
DKA50-18	2.02	8.32	2.44	1.61	2.22	1.18	0.96	8.41	16.73
Ameristand407TQ	2.05	8.46	2.41	1.59	2.26	1.13	0.88	8.26	16.72
54Q32	1.76	8.34	2.46	1.62	2.20	1.07	0.96	8.31	16.65
WL363HQ	1.92	8.18	2.50	1.64	2.16	1.10	0.99	8.40	16.58
6415	2.13	8.24	2.58	1.60	1.95	1.39	0.80	8.32	16.56
WL343HQ	1.93	8.07	2.44	1.65	2.25	0.90	1.08	8.32	16.40
Ameristand403TPlus	2.13	8.26	2.58	1.50	2.19	1.03	0.82	8.12	16.37
Hybri+Jade	2.20	8.28	2.47	1.45	2.10	1.09	0.99	8.08	16.36
4S417	2.16	8.26	2.41	1.56	2.11	1.13	0.87	8.08	16.35
6431	2.29	8.15	2.48	1.52	2.08	1.21	0.89	8.18	16.33
A5225	1.90	7.82	2.27	1.70	2.26	1.22	0.94	8.38	16.20
GH727	2.19	8.38	2.35	1.46	2.00	1.04	0.91	7.76	16.14
A4330	1.95	8.02	2.51	1.44	2.24	1.00	0.85	8.04	16.06
Rebound5.0	2.06	8.04	2.40	1.60	2.04	1.12	0.82	7.99	16.02
Mustang420Plus	2.07	8.32	2.36	1.41	2.11	0.88	0.78	7.54	15.87
Integra8400	2.05	8.35	2.28	1.34	1.97	0.96	0.77	7.33	15.69
FSG329	2.14	7.69	2.49	1.44	2.06	0.99	0.99	7.97	15.66
Wrangler	2.04	7.16	2.42	1.25	1.89	0.78	0.62	6.96	14.11
Vernal	2.12	6.10	1.99	1.02	1.81	0.45	0.50	5.77	11.88
Experimental Strains									
FG45M323	2.01	8.66	2.72	2.02	2.45	1.16	1.05	9.41	18.06
FG45M324	1.85	8.30	2.74	1.86	2.50	1.33	1.11	9.54	17.84
FG45M322	2.02	8.56	2.75	1.82	2.42	1.23	1.03	9.26	17.81
LS605	2.14	8.65	2.62	1.64	2.08	0.96	1.18	8.47	17.12
FG45M116	1.93	8.30	2.46	1.64	2.15	1.31	1.02	8.58	16.88
msSunstra-803	2.29	8.44	2.78	1.62	2.17	0.90	0.94	8.41	16.85
msSunstra-719	2.39	8.06	2.75	1.71	2.33	1.05	0.91	8.74	16.81
DS812-T	2.26	8.40	2.61	1.60	2.06	1.19	0.92	8.38	16.78
Winchester	2.18	8.25	2.63	1.70	2.22	1.08	0.86	8.48	16.73
EnhancerII	2.00	8.54	2.58	1.49	2.04	1.15	0.89	8.15	16.69
TS4010	2.36	8.22	2.53	1.58	2.11	1.24	0.83	8.29	16.52
msSunstra-715	2.26	8.52	2.41	1.50	2.08	0.99	0.83	7.81	16.33
DS816-5	2.11	7.86	2.63	1.55	2.25	1.18	0.86	8.46	16.32
DS813-T	2.13	8.05	2.64	1.65	1.91	1.10	0.90	8.20	16.26
HybriForceExp802	2.27	8.02	2.72	1.40	1.91	0.90	0.82	7.76	15.78
FSG429SN	2.11	7.48	2.09	1.27	1.98	0.99	0.77	7.11	14.59
Experiment mean	2.09	8.16	2.51	1.56	2.14	1.08	0.91	8.20	16.37
CV (%)	8.58	8.60	8.75	10.64	9.71	20.07	16.80	7.23	6.54
MCV (%)	12.07	11.97	11.19	13.62	12.42	25.69	54.94	12.02	8.36
LSD (0.05)	0.25	0.98	0.28	0.21	0.27	0.28	0.50	0.99	1.37
LSD (0.25)	0.15	0.57	0.18	0.14	0.17	0.18	0.32	0.64	0.89
LSR (%)	24.65	20.70	17.50	13.95	17.02	17.53	40.82	17.71	13.30

¹ 3 cuts

DESIGN: Randomized block PLOT SIZE: 5 rows 3' by 12'

METHOD OF SEEDING: Carter cone drill PLANTING DATE: 4-29-09

SOIL TYPE: Crete silt loam

REPS: 4

Cheyenne Co Nebraska Dryland Sunflower Variety Trial 2011 Oil Types

Brand Name	Hybrid Name	Yield* (lbs/a)	Test Wt (lbs/bu)	Flower Date in August
Seeds 2000	TORINO-CL	1802	33	19
Syngenta	3495-NS,CL,DM	1653	33	19
Syngenta	3733-NS, DM	1518	32	18
Syngenta	3875	1513	31	19
Syngenta	4596-HO, DM	1474	31	19
Triumph	s668	1460	33	19
Croplan Genetics	356A-NS	1450	31	18
Mycogen	8N453-DM	1431	32	19
Triumph	TRX8341	1417	31	18
Mycogen	8N421-CL, DM	1413	32	19
Syngenta	3995-NS, SU	1395	31	19
Mycogen	8H449-CL, DM	1370	32	19
Syngenta	3158-NS,CL,DM	1330	32	18
Syngenta	3845-HO	1319	31	19
Mycogen	8N510	1314	31	17
Seeds 2000	DURANGO-XPS	1281	32	19
Croplan Genetics	442 E-NS	1266	31	18
Croplan Genetics	548 CL-DMR, NS	1075	31	19
	AVERAGE	1415	32	19
	L.S.D. (0.05)	300	1.6	1.3
	c.v.	18	4	6
*Adjusted for 10% moisture				
Site:	University of Nebraska High Plains Ag Lab,Sidney			
Planted:	7-Jun			
Harvested:	8-Nov			
Previous crop:	Wheat			
Fertilizer:	30 lb 32-0-0 at planting			
Herbicide:	2 Pints Prowl H2O, 2.5 oz Spartin Pre Plant			
Insecticide:	4 oz Mustang Areal 8/25/11			

Cheyenne Co Nebraska Irrigated Sunflower Variety Trial 2011 Oil Types

Brand Name	Hybrid Name	Yield* (lbs/a)	Test Wt (lbs/bu)	Flower Date in August	Plant Height (inches)
Seeds 2000	X9452-CL	2324	29	18	71
Mycogen	8N421-CL, DM	2234	29	18	70
Seeds 2000	X9822-CL, DMR	2118	29	18	69
Seeds 2000	SIERRA	2088	27	19	70
Mycogen	8N453-DM	2085	30	18	69
Triumph	s673	2012	29	18	69
Mycogen	8N510	1989	29	19	71
Syngenta	4596-HO, DM	1911	29	18	70
Syngenta	3158-NS,CL,DM	1887	27	20	70
Syngenta	3733-NS, DM	1887	30	18	70
Croplan Genetics	356A-NS	1837	30	19	70
Seeds 2000	DURANGO-XPS	1826	30	19	71
Mycogen	8H449-CL, DM	1665	29	19	70
Seeds 2000	CAMARO-CL, DMR	1653	29	19	69
Syngenta	3495-NS,CL,DM	1581	29	19	70
Syngenta	3845-HO	1538	30	19	71
Triumph	TRX8341	1491	30	19	69
Triumph	s668	1427	27	19	70
Croplan Genetics	442 E-NS	1424	28	19	70
Syngenta	3995-NS, SU	1381	29	18	70
Croplan Genetics	548 CL-DMR, NS	1318	28	19	70
Syngenta	3875	1231	28	19	70
Seeds 2000	TORINO-CL	987	28	19	70
	AVERAGE	1735	29	19	70
	L.S.D. (0.05)	600	2	2	2
	c.v.	24	5	6	2

*Adjusted for 10% moisture

Site:	University of Nebraska High Plains Ag Lab, Sidney	Planted:	16-Jun
Harvested:	10-Nov	Fertilizer:	30 lb 32-0-0 at planting
Previous crop:	Triticale	Insecticide:	4 oz Mustang Areal 8/25/11
Herbicide:	2 Pints Prowl H2O, 2.5 oz Spartin Pre Plant		

Perkins Co. Nebraska Dryland Sunflower Variety Trial 2011 Oil Types

Brand Name	Hybrid Name	Yield* (lbs/a)	Test Wt (lbs/bu)	Plant Height (inches)
Dalgren	D-9530	1926	29	67
Dalgren	D-9530-CL	1924	28	71
Mycogen	8H449-CL, DM	2646	31	62
Mycogen	8N453-DM	2617	30	64
Mycogen	8N510	2385	28	63
Mycogen	8N421-CL, DM	2408	28	58
Seeds 2000	DURANGO-XPS	1958	29	62
Seeds 2000	TORINO-CL	1844	31	67
Triumph	s668	1495	30	47
Triumph	TRX8341	2433	28	57
	AVERAGE	2164	29	62
	L.S.D. (0.05)	405		1.4
	c.v.	16	4	7

*Adjusted for 10% moisture

Site:	Farmers Field at Grant, NE	Planted:	8-Jun
Harvested:	14-Nov	Fertilizer:	20 lb 32-0-0 at planting
Previous crop:	Wheat	Insecticide:	None
Herbicide:	2 Pints Prowl H2O, 2.5 oz Spartin Pre Plant		

Cheyenne Co Nebraska Irrigated Sunflower Variety Trial 2011 Confection Types

Brand Name	Hybrid Name	Yield* (lbs/a)	Test Wt (lbs/bu)	Flower Date in August	Plant Height (inches)	Seed Size %>22/64	Seed Size %>20/64
Triumph	777c	1174	21	18	70	17	35
Seeds 2000	JAGUAR XL-CL	909	21	20	70	11	43
Seeds 2000	PANTHER II	883	20	19	70	10	38
Dalgren	D-9530	756	20	19	69	11	41
Seeds 2000	JAGUAR II-CL	754	21	19	71	3	33
Seeds 2000	SUNDANCE	744	23	18	70	8	43
Seeds 2000	JAGUAR-CL	732	20	19	70	7	41
Red River	RRC 8015	728	20	18	69	12	41
Red River	RRC EX 1512	725	21	20	71	7	33
CHS	11EXP01	723	18	20	70	5	32
CHS	10EXP01	696	20	20	71	13	33
Red River	RRC 2215-CL	694	22	19	69	10	34
Triumph	770CL	673	21	18	69	8	45
Seeds 2000	X9674	643	21	19	70	15	33
Red River	RRC 2217	563	18	19	70	8	28
Dalgren	D-9530-CL	544	20	19	70	11	28
Red River	RRC 2215	300	21	19	70	8	33
	AVERAGE	720	20	19	70	10	36
	L.S.D. (0.05)	256	2	1	2		
	c.v.	16	3	4	4		

*Adjusted for 10% moisture

Site: University of Nebraska High Plains Ag Lab, Sidney
 Previous crop: Trtiale
 Herbicide: 2 Pints Prowl H2O, 2.5 oz Spartin Pre Plant

Planted: 16-Jun
 Fertilizer: 30 lb 32-0-0 at planting
 Insecticide: 4 oz Mustang Areal 8/25/11

Harvested: 10-Nov





267 Plant Sciences Hall
 Lincoln, Nebraska 68583-0911
 402-472-1444 or 888-346-6242
 FAX: 402-472-8652
<http://www.unl.edu/ncia>

The Nebraska Crop Improvement Association is dedicated to enhancing the economic viability and well-being of the people of Nebraska and the world, through value-added products and processes.

We will achieve this goal through an organizational structure which attracts the finest people, fully develops and challenges individual talents, encourages industry-wide collaboration to advance agriculture, and maintains the Association's historic principles of integrity.

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The purpose of this directory is to provide crop producers, decision makers, and the seed industry with a reference to seed sources in Nebraska for:

This seed book includes those members whose fields were planted with eligible seed stocks and whose applications for field inspection were received by the publication date.

Inquiries about seed supplies and prices should be directed to the growers and/or seed enterprises listed, not to the Nebraska Crop Improvement Association.

1. Certified Quality Seeds

In no case is the seed listed in this seed book yet **CERTIFIED**, for it must be conditioned, tested in the laboratory, and labeled with the official certification tag or bulk sale certificate before it can be offered for sale as Certified Quality Seed.

Seed producers, conditioners, and distributors voluntarily use the seed certification process to assure their customers that extra care has been taken to provide them with correctly identified, genetically pure seed. The **CERTIFIED SEED** label identifies seed meeting quality requirements and assures the buyer of obtaining reliable performance of the variety named on the label.

Each member is responsible for handling certifiable seed so it will also meet the Nebraska Certification Standards for physical purity and germination. The Nebraska Seed Law requires EACH container of seed be labeled as to its origin, the germination percentage and date of test, the percentage by weight of pure seed, other crop seed, weed seed, and inert matter. By studying both the **CERTIFIED LABEL**, a buyer can determine the quality of the seed. If Certified seed is purchased in the bulk, each sale is accompanied by an official Retail Bulk Sale Certificate, which includes the same information as a label.

Orders for Certified seed may be accepted by the listed growers, approved conditioners, and authorized distributors only with the understanding that they will be filled if and when **ALL** the certification requirements are completed.

2. Quality Assured Seeds

The purpose of the NCIA's seed Quality Assurance (QA) program is to provide an unbiased and uniform quality control process and marketing tool for crop seeds grown in Nebraska and merchandised as branded products as permitted by applicable seed laws.

Seed enterprises voluntarily participate and will customize the process to meet their individual needs by using some or all of the services including field inspection, seed analysis, record-keeping, and labeling. In order for a producer to label seed with the QA logo, all steps in the program must be completed satisfactorily, meeting the same goals and standards as Certified seed.

Notice to Buyer: Exclusion of Warranties and Limitations of Damages

Seed bearing authorized Nebraska Certified Quality labels has met the minimum requirements outlined in the current edition of the *Nebraska Seed Certification Standards*.

The seed certification process relies upon samples and records provided by members/applicants which are beyond the control of the certifying agency.

Therefore, the Nebraska Crop Improvement Association *makes no warranties, expressed or implied, including warranty of merchantability, or fitness for a particular purpose concerning certified seed and hereby expressly disclaims the same.*

In no event shall the Nebraska Crop Improvement Association be responsible for *damages, actual, incidental, or consequential*, regarding certified seed provided by applicants/members and/or vendors.

However, complaints addressed to the Secretary of the Nebraska Crop Improvement Association will be investigated.

FOUNDATION SEED

The Nebraska Foundation Seed Division has available the following varieties for the purpose of seed certification.

Millet - Proso	Dawn	Earlybird	Huntsman	Sunrise	
Millet - Foxtail	Golden German	White Wonder			
Oats - Spring	Don	Jerry	Ogle	Rodeo	
Soybeans	NE1900				
Wheat - HRW	Alliance Arapahoe Buckskin Cougar	Goodstreak Hallam Harry Karl 92	Mace Millennium Niobrara	Husker Genetics McGill Brand Husker Genetics Overland Brand Husker Genetics Robidoux Brand Pronghorn	Scout 66 Wahoo 2137
Wheat - HWW	Antelope	Arrowsmith			
Grasses - Cool Season	NEAC2 crested wheatgrass Beefmaker intermediate wheatgrass		Manska pubescent wheatgrass		
Grasses - Warm Season	Pawnee big bluestem Camper little bluestem Trailway sideoats grama		Shawnee switchgrass Trailblazer switchgrass		

All inquiries about supplies of Foundation seed should be addressed to:

**Husker Genetics
Foundation Seed Division
1071 CR G RM C
Ithaca, NE 68033
402-624-8038**



PLANT VARIETY PROTECTION ACT and HOW IT BENEFITS YOU!

- Any varieties listed in this publication under the Plant Variety Protection Act will be marked with the **PVP** logo and further information will be given in the variety description.
- It takes up to ten years to develop a new variety. PVP encourages plant breeding research to produce even better varieties for tomorrow. Without PVP, plant breeders could not afford to invest capital into new varieties and would not be interested in breeding improved varieties.
- Most protected varieties can only be sold as certified quality seed. This helps ensure that the seed buyer gets the variety exactly as the breeder intended it to be.
- The use of certified quality, genetically pure seed allows the complementary varieties you've chosen to make the most of the growing environment. After all, if the seed is less than the best, the crop will be, too.
- The Department of Agriculture is responsible for enforcement of Plant Variety Protection violations in Nebraska. Private seed companies are authorized to take appropriate legal action. Contact the Department of Agriculture (402-471-2394) for more information about your rights and responsibilities with PVP varieties.

OATS

PVF COLT — Colt oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station and released in 2009. The line was tested as SD020883-29 and resulted from the cross SD97575/ND941119. Colt is an early maturing variety one day earlier than Don and two day earlier than Reeves. Colt was 3 inches taller than Don and four inches shorter than Reeves in 2008 trials. Colt, when compared to other early varieties, has superior grain yield and test weight. Colt has better crown rust resistance than Jerry, Don, and Reeves. Lodging is equal to Jerry, but better than Stallion. Kernels are high in Protein and the groat percentage is also high. U.S. Plant Variety Protection Applied For. Certificate No. 201000132. A royalty fee will be collected on all sales of Registered and Certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Sheridan	Thorsen Family Farm	Gordon	308-282-0189	25	

DON - Don is an early maturing variety, is short in height, and has good straw strength. Grain is dull white in color and has good test weight patterns with very acceptable milling performance. It has very good yield stability over a wide range of growing conditions. Don was developed by Illinois and the USDA-ARS from the cross Coker 234/2/Orbit/C18168.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Washington	Todd Smith	Hooper	402-654-3895	10	

PVF Everleaf 126 - Everleaf 126 is a true spring oat with dark green foliage, an erect growth habit and very good standability. It is a delayed heading oat and much of its forage mass and quality come from an extended maturity. It is medium to tall in height. Under good moisture and fertility, heads emerge at 48 to 52 inches. These oats respond well under irrigation and stand erect and resist lodging. Everleaf 126 has shown resistance to rust and most other leaf and stem diseases. U.S. Protected Variety (PVPA 1994). Certificate No. 200400169.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	D & S Hansen Farms	Hemingford	308-760-0189	130	

PVF JERRY - Jerry is a mid-season variety similar to Ogle and Settler. It is medium in height with very good standability. Jerry is widely adapted and shows very good yield stability for sites favoring mid-season maturity. It may be grown for either forage or grain. Grain is white in color, large, and has good test weight patterns. Jerry is moderately resistant to crown rust and moderately susceptible to barley yellow dwarf virus and stem rust. It was developed by the North Dakota Agricultural Experiment Station from the cross Valley/3/RL3038/Kelsey//M22/Kelsey. U.S. Protected Variety (PVPA 1994). Certificate No. 9600001.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		44
Gage	Thimm Farms Inc.	Beatrice	402-228-2222	5	30
Washington	Todd Smith	Hooper	402-654-3895	10	

REEVES - Reeves is an early maturing variety. It has a very good test weight and medium straw strength for a tall variety. Reeves is similar in maturity to Don and is approximately five inches taller with improved crown rust resistance, test weight, and protein percent. Reeves is also similar to Don in barley yellow dwarf virus and lodging resistance. It is rated moderately resistant for crown rust, barley yellow dwarf virus, and smut and is susceptible to stem rust. Kernels are medium to high in protein and high in oil percentage. Reeves was developed by South Dakota Agricultural Experiment Station and released in 2002.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Sheridan	Thorsen Family Farm Inc.	Gordon	308-282-0189		133
Washington	Todd Smith	Hooper	402-654-3895		8

RUSSELL - Russell is a medium late maturing variety, is tall in height, and has fair to good straw strength. Grain is creamy white in color with fair test weight patterns and acceptable milling performance. It is widely used in western Nebraska for forage and grain production and has good yield stability. Russell was developed at the Cereal Crops Division, Ottawa, Canada, from the cross Garry/Ukraine/2/Abegweit².

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	40	120

SHELBY 427 - Shelby 427 oat is a white-hulled, spring oat developed by the South Dakota Agricultural Experiment Station and released in 2010. The line was tested as SD031128-330 and resulted from the cross SD99674/ND960851. Shelby 427 is an early maturing variety, one-two days earlier than Colt, four inches taller than Colt, and equal in height to Jerry. Shelby 427 has superior grain yield and test weight. It has better crown rust resistance than Colt. Lodging resistance is better than Jerry and Colt. Kernels have a high groat percentage.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cedar	Jeff Steffen	Crofton	402-357-3740		57
Custer	Arrow Seed Company	Broken Bow	308-872-6826	70	
Saunders	Kubik Seed Sales	Prague	402-663-4379	8	
	Rezac Seed	Valparaiso	402-784-3875		68

SOURIS - Souris is a white-hulled variety that has high yields and test weights. Souris typically has a greater groat percentage than HiFi or Morton. It matures slightly earlier and is about 4 to 6 inches shorter than HiFi and Morton, respectively. The straw strength of Souris is similar to Morton and stronger than HiFi. The groat oil and beta-glucan content of Souris is less than HiFi but greater than in Morton. Souris has an excellent source of resistance to prevalent races of crown rust. This resistance was derived from a different species of oats. This new source of crown rust resistance is important because the other sources of crown rust resistance in all other current varieties appear to be breaking down as the races of rust change.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cedar	Jeff Steffen	Crofton	402-357-3740		3

STALLION - Stallion is a medium-late maturing variety that is 1-2 days later than Jerry. Stallion has superior grain yield, test weight, and groat percentage. It is similar to Jerry in barley yellow dwarf virus and stem rust resistance, but has better crown rust resistance. Kernels

are white and are medium-high in protein and high in oil percentage. It may exhibit up to 0.5% tall off-types that are approximately 10 inches taller than the general population. Stallion was developed by the South Dakota Agricultural Experiment Station.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826	75	
Washington	Todd Smith	Hooper	402-654-3895		11

OAT VARIETY CHARACTERISTICS - 2012

Variety	PVP Status ¹	Agronomic Characteristics ²					Disease Reaction ³				Protein ⁴	Origin
		Maturity (Days)	Test Weight	Plant Height	Straw Strength	Grain Color	Smut	Stem Rust	Crown Rust	BYD Virus		
Blaze	P-94	medium	good	medium	fair	tan	-	-	MS-MR	MT	medium	IL
Classic	N	early	-	mod short	good	yellow	na	na	na	na	na	IN
Don	N	early	good	short	good	white	R	MS	S	MT	medium	IL
Hyttest	N	medium	v good	tall	good	cream	MR	MS	MS	MS	high	SD
Jerry	P-94	medium	v good	tall	v good	white	-	MS	MR	MS	med high	ND
Jim	N	med early	good	medium	good	yellow	R	S	S	MT	medium	MN
Loyal	N	Late	good	medium	good	white	R	MS	R	MS	medium	SD
Ogle	N	medium	fair	medium	good	yellow	MS	S	S	T	low	IL
Powell	N	medium	fair	mod short	good	yellow	na	na	na	na		ID
Prairie	P	medium	fair	medium	good	tan	MS	MS	MS	T	low	WI
Reeves	N	early	v good	tall	good	white	MR	S	MR	MR	medium	SD
Riser	N	early	v good	medium	good	yellow	R	S	R	MS	high	SD
Rodeo	P-94	medium	good	tall	good	yellow	S	-	MS-MR	MT	low	IL
Rodney	N	late	fair	tall	fair	white	MR	S	S	S	low	CAN
Russell	N	late	fair	tall	fair	white	R	S	S	S	medium	CAN
Settler	N	medium	good	mod tall	fair	white	MR	S	MS	MT	high	SD

¹ U.S. Plant Variety Protection: N = not protected, A = PVP applied for, P = protected variety, 94 = Applied for or protected under revised PVP Act of 1994.

² These comparative ratings are based on each variety's average performance within its area of adaptation under normal Nebraska growing conditions and cultural practices. Plant performance will be influenced by soil, weather, pests, and other production conditions. For yield comparisons, see EC 99-107A.

³ R=resistant; S=susceptible; MR=moderately resistant; MS=moderately susceptible; MT=moderately tolerant; T=tolerant. The reaction may vary depending on disease or development, management practices, and/or plant growth stage or deviations in genetic resistance within the variety.

⁴ A rank of medium means 15 to 16% grain protein content is typical.

SPRING WHEAT

TRAVERSE - Traverse is a highly adaptable semi-dwarf early maturing hard red spring wheat. It has a high yield potential along with good milling and baking characteristics. Traverse has good straw strength with stem rust resistance and moderate resistance to Fusarium head blight, leaf rust and stripe rust. Traverse was developed by the South Dakota Agricultural Experimental Station from the cross of SD3305/KS91W005-1-4//SD8089.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	Dan Laursen	Alliance	308-487-5541		52

SPRING BARLEY

BURTON – Burton is a Russian wheat aphid-resistant, two-rowed, hulled, spring feed barley. It has a semi-lax spike that nods at maturity and its awns are long and rough. Burton is taller than Baronesses and under good moisture and fertility may lodge more than Baronesses. Burton has good heat and drought tolerance. Burton was developed by the ARS-USDA, and the Idaho, Colorado, Nebraska, and New Mexico Agricultural Experiment Stations from the cross of Baronesses/3/Crystal/2/Klages*3/PI 366450.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	15	

PVP RAWSON - Rawson is a two-rowed barley variety and it's parentage includes mostly experimental lines to incorporate leaf spot resistance and low-grain protein. Rawson has good leaf disease resistance and heads out about two days later and is slightly taller than Conlon. Rawson has stronger straw than Conlon but seems to yield lower when severe lodging occurs. Rawson is similar to Conlon in fusarium head blight (scab) severity and slightly higher in deoxynivalenol (DON) levels. It is susceptible to some isolates of net blotch but has excellent resistance to spot blotch and some resistance to Septoria speckled leaf spot. It is moderately resistant to powdery mildew and leaf rust. U.S. Protected Variety. Certificate No. 200800160. Rawson can only be sold as a class of certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Webster	Green Cover Seed	Bladen	402-469-6784		70

FIELD PEAS

PVP DS-ADMIRAL - Admiral is an early maturing yellow, semi-leafless pea with excellent harvestability. It has a medium seed size and is a dual purpose feed/food yellow pea. It is resistant to powdery mildew and lodging. U.S. Protected Variety (PVPA 1994). Certificate No. 200300244.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Ben Barnhart	Sidney	308-249-0979	35	

MILLET

DAWN PROSO - Dawn was developed at the Panhandle Center of the University of Nebraska. Dawn is a short millet with a tight panicle, about 4 to 5 days earlier to harvest than Panhandle. It ripens uniformly and is more resistant to shattering and lodging than Panhandle. Dawn has a large white seed, and the seed is similar in appearance to Panhandle. Dawn is adapted anywhere proso millet is grown. It may be direct-harvested rather than swathed because of its short stature and early maturity.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424		84

EARLYBIRD PROSO - Earlybird is a moderately early variety heading about 2 days later than Dawn and 2 days earlier than Sunup. Plant height is about 4 inches shorter than Sunup with good straw strength. While test weight is slightly less, yield has been similar to Sunup. Earlybird has a white seed coat and large seed size. It was developed by Nebraska from the cross Minco/NE76010//Rise/NE79017.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424		101

HORIZON PROSO - Horizon is earlier in maturity than Sunrise and Earlybird, and later than Dawn. Plant height is about 33 cm and has straw strength similar to Sunup. Horizon has shown no susceptibility to Russian wheat aphid. Horizon has a white seed coat and closed type panicle. The foliage is green in color and is similar to Sunup.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	26	53

HUNTSMAN PROSO - Huntsman is a moderately late variety heading about 1 day later than Sunup. Yield performance, test weight, plant height, and straw strength have all been similar to Sunup. Huntsman has a white seed coat and large seed size similar to Dawn. It was developed by Nebraska from the cross NE79012/NE79017/3/Cope//Dawn/Common.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	27	120

SUNRISE PROSO - Sunrise is a moderately early variety heading about 1 day earlier than Sunup. Plant height is about 3 inches shorter than Sunup with comparable standability. Test weight is above average. Yield performance has been slightly superior to Sunup. Sunrise is white-seeded, and seed size is large. It was developed by Nebraska from the cross NE83014/NE83007 and has parentage from Minn. 402, Dawn, Minco, and Panhandle.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	50	92

MILLET VARIETY CHARACTERISTICS – 2012

Variety ¹	Type	Maturity (Days)	Seed Color	Plant Height ²	Straw Strength	Seed Size ³
Cerise	Proso	early (-3)	light red	tall	poor	very small
Cope	Proso	late (+5)	white	tall	poor	large
Dawn	Proso	very early (-7)	white	short	good	medium
Earlybird	Proso	medium early (-3)	white	medium	good	large
German Strain R	Foxtail	late	golden	tall	good	-
Golden German	Foxtail	medium-late	golden	tall	fair	-
Huntsman	Proso	medium late (+3)	white	medium	good+	large
Panhandle	Proso	medium early (-2)	white	medium	poor	medium
Rise	Proso	medium (+1)	white	medium short	good	small
Siberian Red	Foxtail	medium	light orange	medium short	good	-
Sno-Fox	Foxtail	early	cream	medium	good	-
Sunrise	Proso	medium (0)	white	medium short	good+	large
Sunup	Proso	medium (0)	white	medium	good+	medium
White Wonder	Foxtail	medium late	gray	very tall	good+	-

¹ See EC99-107A for variety yield comparisons.

² General Ratings: short < 33", medium = 34-40", tall > 40".

³ Seed size can vary by 100 seeds/5 grams (about 10,000 seeds/pound) or more depending on the growing conditions. General ratings: < 750/5 grams = large, 750-800/5 grams = medium, > 800/5 grams = small.

TURFGRASSES

Buffalograss is a long-lived, sod-forming, native warm-season perennial grass which reproduces by seed and spreads vegetatively by stolons (runners). It is very suitable for use under low to medium maintenance as an ecologically sound and energy efficient turf. It may be established by seed, plugs, or sod. Even without mowing, plants are very short height (6-8 inches). Buffalograss begins growth in mid to late May and begins to go dormant with the first frost. It has a light green color and fine textured leaves. It grows best in full sunlight and is adapted to a wide range of soil types. Buffalograss has a higher resistance to drought stress than cool-season turfgrasses, because it has an extensive, deep root system and less leaf surface area.

PVP NaTurf brand BOWIE - Bowie is a widely adapted variety that exhibits quality vegetative characteristics. It has low growth habit and a medium green color similar to Texoka and Tatanka. Bowie has a course to medium leaf texture similar to Cody and its winter survival is equal to Texoka and Tatanka. It has shown good disease tolerance to Leaf Spot and Dollar Spot and has good tolerance to the Buffalograss Mite. Bowie has excellent vigor and establishes quickly with excellent drought tolerance to resist going dormant under drought conditions. Bowie was developed through the cooperative efforts of the Native Turfgrass Group and the University of Nebraska. Seed of Bowie is produced and marketed exclusively under the direction of the Native Turfgrass Group. Unauthorized production and sale of seed is illegal. U.S. Protected Variety U.S. Protected Variety (PVPA 1994). Certificate No. 200100201.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		
Custer	Arrow Seed Company	Broken Bow	308-872-6826		

PVP NaTurf brand CODY - Cody is a widely adapted, versatile turfgrass variety. It has low-growing plants which green up earlier in the spring and have a darker green color than most other buffalograss cultivars. It has a medium green color with excellent density and texture qualities. Once established and properly managed, Cody maintains a high quality turf throughout the summer. Excellent vigor and a good spread rate help it establish quickly. Cody was developed cooperatively by the members of the Native Turfgrass Group and the Nebraska Agricultural Research Division. Seed of Cody is produced and marketed exclusively under the direction of the Native Turfgrass Group. Unauthorized production and sale of seed is illegal. U.S. Protected Variety (PVPA 1994). Certificate No. 9600125.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		
Custer	Arrow Seed Company	Broken Bow	308-872-6826		

PERENNIAL FORAGE GRASSES

Big Bluestem is a native warm-season, sod-forming grass which grows rapidly from mid-spring to early fall. Plants are tall (6+ ft) and robust. It is highly palatable even after maturity and is a high producer of nutritious forage and hay. Big bluestem is adapted statewide for range seedling on subirrigated sites and for irrigated pasture in mixed or pure stands. In eastern Nebraska, it is adapted on silty and clay sites.

PVP BONANZA - Bonanza is a synthetic variety developed by three generations of breeding for improved forage yield and forage digestibility. It produces good forage yields with high digestibility that results in improved animal gains when utilized by beef cattle in well managed grazing systems. Bonanza is earlier in maturity than Kaw or Goldmine, similar in maturity to Pawnee, and later in maturity than Rountree and Bison. U.S. Plant Variety Protection Applied For. Certificate No. 200600049. Bonanza can only be sold as certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		50

CHAMP - Champ is a synthetic variety developed from divergent types of big bluestem and sand bluestem by Nebraska in cooperation with the USDA-ARS. It is a moderately late maturing grass averaging 5 to 10 days earlier than Pawnee. It is better adapted for use on sandy sites than other big bluestem varieties.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		38

KAW - Kaw was selected by Kansas from native Flint Hills ecotypes. It is a very late maturing grass about a week later than Pawnee. It is best adapted for forage and conservation uses in southern Nebraska and adjacent areas.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Lancaster	Miller Seed Company	Lincoln	402-438-1232	6	

PAWNEE - Pawnee is a synthetic variety developed from accessions collected in Pawnee county by Nebraska in cooperation with the USDA-ARS. It is a late maturing grass and heads in late July to early August. It is a widely adapted, typical big bluestem of the central prairies.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		17
Custer	Arrow Seed Company	Broken Bow	308-872-6826		29
Lancaster	Miller Seed Company	Lincoln	402-438-1232		6

ROUNTREE - Rountree as selected by the Soil Conservation Service in cooperation with Missouri from native ecotypes collected in west central Iowa. It is about the same maturity as Pawnee. It is widely adapted and was selected for increased growth rate, superior forage production, and improved standability.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		15
Lancaster	Miller Seed Company	Lincoln	402-438-1232		10

Little Bluestem is a native, warm-season bunchgrass which grows rapidly from mid June to early August. Plants are medium height (3+ feet) and well tillered. It has good forage value when leaves are tender and succulent, but palatability is only moderate for fall grazing. Little bluestem is adapted statewide for use in warm-season mixtures and pure stands on most soils and sites. It is not as drought tolerant as blue grama.

ALDOUS - Aldous was selected by the Soil Conservation Service in cooperation with Kansas from native Flint Hills ecotypes. It is a very late maturing grass up to a week later than Camper. Plants are taller than other adapted varieties with good vigor.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	C & H Mills Farm	Murdock	402-867-2956		21
	Stock Seed Farm	Murdock	402-867-3771		26

BLAZE - Blaze is a synthetic variety developed from ecotypes collected in Nebraska and Kansas. It is a late maturing grass, intermediate to Camper and Aldous. It is leafy, vigorous, and well adapted to the eastern half of Nebraska and adjacent areas.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	C & H Mills Farm	Murdock	402-867-2956		7
	Stock Seed Farm	Murdock	402-867-3771		28

CAMPER - Camper is a synthetic variety produced by crossing two unrelated strains developed from original prairie sources by the USDA-ARS and Nebraska. It is a moderately late maturing grass, similar in maturity to Pawnee big bluestem. The combination of earlier maturity and diverse parentage provides wide adaptation.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	C & H Mills Farm	Murdock	402-867-2956		26
	Stock Seed Farm	Murdock	402-867-3771		95
Custer	Arrow Seed Company	Broken Bow	308-872-6826		37
Lancaster	Miller Seed Company	Lincoln	402-438-1232		13

CIMARRON - Cimarron is a tall, leafy composite of many strains of little bluestem from southwest Kansas, Colorado, New Mexico, Texas, and Oklahoma. Being a composite, it exhibits great variability in plant types. Cimarron grows from 2 to 4 feet in height and performs well in all kinds of soils and in limited areas of precipitation.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Co.	Broken Bow	308-872-6826		15

Sand Bluestem is a native warm-season, sod-forming grass which is highly palatable and has good forage value throughout the year. Plants are tall (6+ feet) and robust. It is adapted throughout Nebraska for sand and loamy range sites and has a long growing season similar to big bluestem. It has very good grazing tolerance.

GARDEN COUNTY - Garden County is a vigorous, tall, leafy composite variety of ecotypes collected in Garden county, Nebraska, and selected by the Soil Conservation Service. It is well adapted to the northern and central Great Plains.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		8

GOLDSTRIKE - Goldstrike is a synthetic variety developed through crossing western Nebraska Sandhills ecotypes with related strains by the USDA-ARS and Nebraska. It is a moderately late maturing grass and is well adapted throughout the central Great Plains.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		12
Custer	Arrow Seed Company	Broken Bow	308-872-6826		47

Brome grass is an introduced cool-season, sod-forming grass which produces abundant forage in the spring and late summer for hay and pasture. It is very palatable until mature. It is widely adapted to eastern and central Nebraska and responds to intensive management practices. It is an early maturing grass and has moderate tolerance to drought and grazing.

CACHE U.S. Protected Variety (PVPA 1994). Certificate No. 200500277. Cache can only be sold as a class of certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826	40	

Sideoats Grama is a native warm-season, mildly sod-forming grass which grows rapidly in late spring and may stay green into late summer. Plants are medium height (3+ feet) and well tillered. Forage value and hay quality are good but low in yield. Drought tolerance is good. Sideoats grama is well adapted for use in native grass mixtures throughout Nebraska.

BUTTE - Butte is a variety selected by the USDA-ARS and Nebraska for superior seedling vigor and establishment from native Nebraska ecotypes. It is a medium (mid-summer) maturity grass, somewhat earlier than Trailway. It is widely adapted, especially for those areas with relatively short growing seasons.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	C & H Mills Farm	Murdock	402-867-2956		39
Custer	Arrow Seed Company	Broken Bow	308-872-6826	4	33

EL RENO - El Reno is a variety selected by the Soil Conservation Service and Kansas from native Oklahoma ecotypes. It is a moderately late maturity grass somewhat later than Trailway. It was selected for leafiness, forage production, and vigor.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	C & H Mills Farm	Murdock	402-867-2956	15	16

Indiangrass is a native warm-season, sod-forming species which provides palatable forage and hay throughout the summer, nearly equal to big bluestem in quality. Plants are tall (6+ feet) and robust. It is well adapted throughout Nebraska for most soils and sites, for use in range or pasture seedings in pure stands, and in mixtures with other tall warm-season grasses.

HOLT - Holt was selected from native ecotypes collected in Holt county by the USDA-ARS and Nebraska. It is a moderately late maturing grass, somewhat earlier than most indiangrass varieties. It has superior forage production for its maturity.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		9
Custer	Arrow Seed Company	Broken Bow	308-872-6826		11

NEBRASKA 54 - Nebraska 54 was selected from native ecotypes collected in Jefferson county by Harold Hummel and released by Nebraska. It is a late maturing grass and is a few days earlier than Oto. Nebraska 54 is typical of central plains ecotypes.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Cass	Stock Seed Farm	Murdock	402-867-3771		10
Lancaster	Miller Seed Company	Lincoln	402-438-1232		23

Switchgrass is a native warm-season, sod-forming grass which grows rapidly in late spring and early summer. On adapted sites, it has high yield of good quality hay and forage if cut or grazed early. On fall and winter range, palatability is low. Plants are moderately tall (5+ ft), very well tillered, and robust. It is well adapted for use throughout the Great Plains for conservation plantings or in warm-season pastures. Most cultivars are susceptible to stem rust. In some years forage quality and seed yield may be affected.

NEBRASKA 28 - Nebraska 28 was selected from a native meadow in Holt County and developed by Nebraska in cooperation with the USDA-ARS and Soil Conservation Service. It is a moderately late maturing grass about 2 weeks earlier than Pathfinder. It is well adapted to the northern Great Plains.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Lancaster	Miller Seed Company	Lincoln	402-438-1232		15

TRAILBLAZER - Trailblazer is the result of a basic genetic study designed to improve the forage quality of switchgrass. It is a 25 clone synthetic variety similar to Pathfinder in maturity, appearance, and area of adaptation. It was developed by Nebraska and the USDA-ARS.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		23

Intermediate Wheatgrass is a moderately late maturing, cool-season, sod-forming grass that produces excellent quality forage for hay or grazing in the late spring, early summer and fall. It is well adapted to all Major Land Resource Areas in Nebraska. Intermediate wheatgrass is more drought tolerant than smooth brome but less tolerant than crested wheatgrass. Plants are medium height (4+ feet), well tillered, and robust.

PVP BEEFMAKER - Beefmaker is an excellent intermediate wheatgrass for grazing. The in vitro dry matter digestibility (IVDMD) rating is one to two percentage points higher than other released wheatgrasses such as Haymaker. Plant height for Beefmaker is 42.5 inches. The head length is 9.9 inches, and head width is 3.7 inches. The flag leaf is located approximately 30.9 inches from the ground. Beefmaker was developed by USDA-ARS and the University of Nebraska. U.S. Plant Variety Protection Applied For (PVPA 1994). Certificate No. 200400232.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Box Butte	Dan Laursen	Alliance	308-487-5541		20

Pubescent Wheatgrass is a long-lived, sod-forming, cool-season perennial grass that provides a nutritional pasture and is very palatable to all classes of livestock. It is closely related to intermediate wheatgrass but is distinguishable by the pubescence, or presence of short stiff hairs on the heads and seeds, is more winter hardy, much more drought tolerant, and with its ability to spread via rhizomes is a more vigorous sod. Adapted to wide range of soil, elevation and temperature conditions.

LUNA - Luna is a perennial, long-lived, rhizomatous, cool-season grass, similar to intermediate wheatgrass in appearance except having varying degrees of pubescence throughout the plant. "Luna is fairly uniform, is a dark green color, and is less pubescent than other strains.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Scotts Bluff	Carl Thomas	Morrill	308-247-2096	8	

**Nebraska Crop Improvement Association
is on the web.**

www.unl.edu/ncia

Visit the web page to view publications, programs, procedures, forms, etc.

HYBRID SEED CORN

The following companies have requested field inspection under the NCIA certification or quality assurance process with the intent of producing quality seed of selected hybrids. These programs provide an unbiased, reliable quality control system through seed source verification, field inspection, seed testing, record-keeping, auditing, and labeling.

County	Grower	Town	Telephone
Adams	Remington Hybrid Seed Co.	Hastings	402-463-5581
	Starr Partnership	Hastings	402-461-4229
Douglas	Syngenta Seeds	Waterloo	402-779-2531
Fillmore	Lauber Seed Professionals	Geneva	402-759-3102
Hamilton	Syngenta Seeds	Phillips	402-886-2257
Hall	Pioneer Hi-Bred International	Doniphan	402-744-3271
Madison	AgReliant Genetics	Battle Creek	402-675-2975
York	Mycogen Plant Sciences	York	402-362-7441
	Pioneer Hi-Bred International	York	402-362-3349



NEBRASKA SEED QUALITY ASSURANCE® PROGRAM

The purpose of the NCIA's seed Quality Assurance (QA) program is to provide an unbiased and uniform quality control process and marketing tool for crop seeds grown in Nebraska and merchandised as branded products. Seed enterprises voluntarily participate and will customize the process to meet their individual needs by using some or all of the services including field inspection, seed analysis, record-keeping, and labeling. In order for a producer to label seed with the QA logo, all steps in the program must be completed satisfactorily, meeting the same goals and standards as Certified seed.

The following seed enterprises have requested field inspection for certain acres of their proprietary branded products under the NCIA seed Quality Assurance program. Participation in this program demonstrates these NCIA members' efforts to use effective quality management in seed production and conditioning.

Bio Gene Seeds 888-862-3276

NuPride Genetics Network 402-472-1444

SOYBEANS BUYERS' NOTICE

It is **important** that you read any Herbicide Tolerance Warranties and the Seed Usage Conditions set forth on the seed container, seed label, purchase agreement, invoice, or other documents of transaction. By opening the seed container you are accepting and agreeing to be bound by those conditions.

Roundup Ready® soybean seed includes a limited license under U.S. Patents 4,535,060; 4,940,835, and 5,352,605 for planting of a commercial crop. The crop grower agrees to pay Monsanto, through its licensed agents, a technology fee to be established by Monsanto. The grower agrees not to supply any of this seed to anyone for planting and agrees not to save any crop produced from this seed for replanting or supply saved seed to anyone for replanting. The grower agrees not to use this seed or provide it to anyone for crop breeding, research, or seed production.

STS® soybean seed contains a DuPont-developed trait providing enhanced tolerance to specific DuPont sulfonylurea soybean herbicides such as Synchrony® STS®, Reliance™ STS®, Classic®, and any additional herbicides to be developed or licensed by DuPont and as clearly noted on their herbicide label. Synchrony® STS®, Reliance™ STS®, Classic® are trademarks of E.I. DuPont de Nemours & Co. The buyer of these soybean varieties represents that he is purchasing the seed solely for purposes of producing a grain crop. The soybean seed, and any product from the seed, shall not be resold as seed or used for seed breeding purposes. The buyer agrees not to alter, or to permit the alteration of the seed, or any product of the seed, through genetic techniques or otherwise. **Use or sale of the crop produced from this seed is prohibited.**

APPROVED SEED CONDITIONERS

An active APPROVED SEED CONDITIONER system is very important and an integral part of Nebraska's certification program. Approved Conditioners are seed cleaning firms who are authorized by the Board of Directors to purchase field-approved seed and move it to their plants for conditioning, submit samples for testing, order tags or certificates, and merchandise the finished product on a retail basis.

The objectives of the Approved Conditioner program are:

1. To expand the marketing options of seed producers who may not have adequate cleaning or merchandising facilities.
2. To provide the retail seed trade with reliable high quality sources of seed as markets demand.
3. To improve the quality of seed available, while insuring maintenance of varietal purity.
4. To promote acceptance and use of Nebraska certified seed.

West District

Ag Operations Group	Big Springs	308-889-3429
Carter Certified Seed	Chappell	308-874-2892
Cullan Farms	Hemingford	308-487-5288
D & S Hansen Farms	Hemingford	308-487-3705
Heritage Seed Company Inc.	Crawford	308-665-1672
Kelley Bean Company	Scottsbluff	308-635-6438
Kriesel Certified Seed	Gurley	308-884-2424
Dewain Lockwood	Kimball	308-235-4104
New Alliance Bean & Grain	Alliance	308-762-8014
Petersen Seeds Inc.	Gordon	308-282-1523
Trinidad/ Benham	Bridgeport	308-262-1361
Westco	Morrill	308-247-2126

Monsanto Co.	Waco	402-728-5249
Mycogen Plant Sciences	York	402-362-7441
Pioneer Hi-Bred International, Inc.	Doniphan	402-744-3271
Pioneer Hi-Bred International, Inc.	York	402-362-3349
Polansky Seed	Belleville, KS	785-527-2271
Remington Hybrid Seed Co.	Hastings	402-463-5581
Star Seed, Inc.	Osborne, KS	913-346-5447
Syngenta Seeds Inc.	Phillips	402-886-2257
Darrel Wehnes and Sons	Inland	402-772-8101

Northeast District

Orchard Seed	Orchard	402-893-2445
The Seedhouse Inc.	O'Neill	402-336-1250

Southwest District

Dunbar Seed	Eustis	308-486-5590
Frenchman Valley Coop	Imperial	308-882-3224
Luhrs Certified Seed & Cond	Imperial	308-882-5917
Olson Livestock & Seed	Haigler	308-297-3283
R & C Sprinklers LLC	Ogallala	308-284-2114
Sharp Brothers Seed Company	Healy, KS	316-398-2231

East Central District

Ag Reliant Genetics	Battle Creek	402-675-2975
Blair Seed Services	Blair	402-533-2244
Hoegemeyer Enterprises	Hooper	402-654-3399
Kaup Seed & Fertilizer	West Point	402-372-5588
W.A. Lafleur & Sons	Madison	402-454-2232
Seed Enterprises Inc.	West Point	402-372-3238

Central District

Arrow Seed Company	Broken Bow	308-872-6826
Monsanto Co.	Kearney	308-234-9710
Muhlbach Seeds	Ravenna	308-452-3588

Southeast District

Anderson Seed	Odell	402-239-4865
Blue Valley Seed	DeWitt	402-239-0566
Cole Seed Farm, Inc.	Plattsmouth	402-298-8490
Husa Seed Farms	Wymore	402-674-3188
Mayer Seed	Auburn	402-274-5743
Miller Seed Company	Lincoln	402-475-1232
Rezac Seed	Valparaiso	402-784-3875
Rohlfing Seeds	Talmage	402-264-3515
Stock Seed Farm	Murdock	402-867-3771
Syngenta Seeds, Inc..	Waterloo	402-779-2531
Thimm Farms, Inc.	Beatrice	402-228-2222
United Seeds, Inc.	Omaha	402-331-4800

South Central District

Tom Barga Trucking	Nora	402-225-2164
Green Cover Seed	Bladen	402-469-6784
Harlan Husa	Hebron	402-768-2423
Knobel Seeds	Fairbury	402-446-7394
Lauber Seed Professionals LLC	Geneva	402-759-3102
Maschmann Mills	Deshler	402-365-4369
Miller Seed & Supply Company	York	402-362-5516

CUSTOM CERTIFIED CONDITIONERS

In Nebraska, the function of the Custom Certified Conditioner is solely to provide seed cleaning and handling services—services which prepare certifiable seed produced by members from inspected acres for marketing channels.

Seed conditioners in this category voluntarily request inspection by the Association to provide quality assurance for the seed producer and seed consumer. Custom Certified Conditioners are subject to minimal procedural and equipment guidelines which are enacted by the NCIA Board of Directors.

The objectives of the Custom Certified Conditioner program are:

1. To provide necessary conditioning services for seed producers and merchandisers who do not have adequate cleaning facilities.
2. To improve the quality of seed available while insuring maintenance of varietal purity.
3. To promote acceptance and use of Nebraska certified seed.

West District

*Radke Engineering, Inc.	Big Springs	877-588-3211
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Southwest District

*Grain Conditioning Inc.	Eaton, CO	970-454-0695
*Greenbank Inc.	Fort Morgan, CO	800-615-4769
Alec Yeager	Hendley	308-265-7466

Southeast District

Kamterter Products LLC	Lincoln	402-466-1224
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*Portable Seed Cleaner

NOTE: Some firms listed as Approved Seed Conditioners also provide custom seed cleaning services.

2011 NCIA MEMBERS

Grower (GR) – A member who applies for field inspection services and used the services of either Custom or Approved Conditioners to prepare seed for marketing channels.

Grower-Conditioner (GC) – A member who applies for field inspection services and has adequate facilities for conditioning his own seed produced from inspected acres in preparation for marketing channels.

Custom Certified Conditioner (CC) – A member who may or may not apply for field inspection services and has adequate facilities for conditioning seed produced from inspected acres (by himself or other members) in preparation for sale in marketing channels.

Approved Seed Conditioner (AC) – A member who may or may not apply for field inspection services, has adequate facilities for conditioning seed, and may purchase bulk uncleaned seed from inspected acres of a crop grown by another member for conditioning, tagging, and sale in marketing channels as a class of certified seed.

Associate Member (AM) – Any other person, partnership, or corporation who would not be involved directly in the production, conditioning, or marketing of seed but is interested in furthering the goals of the Association may become a non-voting member.

Ag Operations Group	3026 Rd. 199	Big Springs	69122	308-889-3429	AC
AgReliant Genetics LLC	PO Box C	Battle Creek	68715	402-675-2975	AC
Agrex Inc.	PO Box 447	Superior	68978	402-879-4774	GR
AgriHorizon/Excell Hybrids	PO Box 576	Arlington	68002	402-350-1699	GR
AgriPro Coker	PO Box 30	Berthoud, CO	80513	970-532-3721	GR
AgriPro Wheat	1705 Country Club Lane	Kingman, KS	67068		AM
Anderson Seed	42401 SW 61 Odell Rd	Odell	68415	402-239-4865	AC
Arrow Seed Company	PO Box 722	Broken Bow	68822	308-872-6826	AC
Kendall Atkins	3455 Rd 55 E.	Dix	69133	308-682-5647	GC
B & M Seed LLC	915 - 448 Rd.	Beaver Crossing	68434	402-532-7736	GR
Tom Bergen Trucking Inc.	1347 Rd. 4100	Nora	68961	402-225-2164	GR
Ben Barnhart	12122 Rd. 6	Sidney	69162	308-249-0979	GR
Stuart Bartels Farms	34605 Rd. 725	Wauneta	69045	308-394-5423	GR
Bay State Milling	400 Platte St.	Platteville, CO	80651	970-785-2794	GR
BioPlant Research	PO Box 320	Camp Point IL	62320	800-593-7708	AM
Blair Seed Services	525 S. 1 St.	Blair	68008	402-533-2244	AC
Blue Valley Seed	6237 W Dogwood Rd	DeWitt	68341	402-239-0566	AC
Boettcher Angus	90364 - 491 Ave.	Spencer	68777	402-589-1174	GR
Ronald Bolte	2073 Rd. 1800	Blue Hill	68930	402-756-2107	GR
Bratney Companies	3400 - 109 TH St.	Des Moines IA	50322	515-270-2417	AM
Broberg Farms	PO Box 586	Tilden	68781	402-368-5647	GR
D.K. Buskirk & Sons	7351 Gage Rd.	Hemingford	69348	308-487-3995	GC
C & C Farms	645 Rd. 3900	Superior	68978	402-879-4639	GR
Campstool Farms	102 Ridge Rd	Kimball	69145	308-235-7284	GR
Carter Certified Seed	15571 Rd. 14	Chappell	69129	308-874-2892	AC
Cast Farms, Inc.	4275 Van Dorn Rd.	Beaver Crossing	68313	402-532-7515	GR
Cole Seed Farm, Inc.	2101 Church Rd.	Plattsmouth	68048	402-298-8490	AC
Condon Farms, Inc.	86959 Hwy 13	Creighton	68729	402-358-3506	GR
Cooperative Producer Inc.	PO Box 1008	Hastings	68902	402-463-6875	BK
Crop Production Services	PO Box 98	Imperial	69033	308-882-4308	GR
Crosbyton Int Seed Co.	306 E. Main	Crosbyton, TX	79322		GR
Cullan Farms	6733 Franklin Rd.	Hemingford	69348	308-487-5288	AC
Kenneth Degenhardt	6264 Rd. J	Hebron	68370	402-768-2352	GR
Dizmang Seed Solutions	419 S. Market St.	Moorefield	69039	308-367-8764	BK
James J. Dolezal	16235 CR 63	Julesburg, CO	80737	308-289-5445	GC
Dunbar Seed	74921 Rd. 414	Eustis	69028	308-486-5590	AC
Darrel Eberspacher	787 - 308 St.	Seward	68434	402-761-3178	GR
Elk Creek Acres	PO Box 540	Arapahoe	68922	308-962-6950	BK
F & J Farms	7315 Hwy 27	Goodland, KS	67735	785-899-6467	GR
Kirk Foster	44774 Rd. 794	Berwyn	68819	308-935-1672	GR
Foundation Seed Division	1071 CR G RM C	Ithaca	68033	402-624-8083	AC
Frenchman Valley Farmer Coop	143 Broadway	Imperial	69033	308-882-3224	AC
Gangwish Seed Farms Inc	PO Box 530	Shelton	68876	308-647-5301	GR
Gleason Farms, Inc.	724 S. Cameron Rd.	Wood River	68883	308-583-2413	GR
Grain Conditioning Inc.	1305 Black Hawk Rd.	Eaton, CO	80615	970-454-0695	CC
Green Cover Seed	932 Rd X	Bladen	68928	402-469-6784	AC
Greenbank Inc.	PO Box 1037	Fort Morgan, CO	80701	800-615-4769	CC
Greenkeeper Co. Inc.	PO Box 451123	Omaha	68137	402-333-8813	GR
Gross Seed Co. Inc.	HC 66 Box 13	Johnstown	69214	402-722-4215	AM
Richard Ham	33694 River Rd.	Benkelman	69021	308-423-2936	GR
D & S Hansen Frarms	982 CR 63	Hemingford	69348	308-487-3705	AC
Dale Henke	288 Elm St.	Syracuse	68446	402-269-2522	GC
Heritage Seed Co. Inc.	PO Box 544	Crawford	69339	308-665-1672	AC
Hoegemeyer Hybrids	1755 Hoegemeyer Rd.	Hooper	68031	402-654-3399	AC
Husa Seed Farms	46359 S. 108 Rd.	Wymore	68466	402-674-3188	AC
Harlan F. Husa	926 Rd. 7100	Hebron	68370	402-768-2423	AC
Illinois Foundation Seed	2840 O St Rd.	Seward	68434	402-643-3691	AM
IPSA	PO Box 241312	Omaha	68124	402-430-9440	AM
JH-W Farms Inc.	9345 Rd. 56	Dalton	69131	308-377-2273	GR

Von Johnson	519 Nasby St.	Cambridge	69022	308-697-4654	GR
William Junge	2621 - 590 Rd.	Gordon	69343	308-327-2823	GC
Kamterter II LLC	PO Box 30327	Lincoln	68503	402-466-1224	CC
Kaup Seed & Fertilizer	1101 S. Beemer St.	West Point	68788	402-372-5588	AC
KDH Sales	63947 - 725 Rd.	Auburn	68305	402-274-5665	GR
Kelley Bean Co.	28810 CR S	Brush CO	80723	970-842-5082	GR
Kelley Bean Co.	480 Hwy 18 NE	Mayville, ND	58257	701-543-3000	GR
Kelley Bean Co.	PO Box 2488	Scottsbluff	69361	308-635-6438	AC
Knobel Seeds	72055 567 Ave.	Fairbury	68352	402-446-7394	AC
Kriesel Certified Seed	4626 Rd 111	Gurley	69141	308-884-2424	AC
Kubik Seed Sales	1860 CR 31	Prague	68050	402-663-4379	GR
J.M. Kuehn Inc.	1639 40 Rd.	Heartwell	68945	308-563-2101	GR
Ladd Farm	PO Box 94	Nickerson	68044	402-727-9903	GC
W.A. Lafleur & Sons	111 E. 2 St.	Madison	68748	402-454-2232	AC
Lauber Seed Professionals LLC	549 R St.	Geneva	68361	402-759-3102	AC
Dan Laursen	7678 Madison Rd.	Alliance	69301	308-487-5541	GR
Laux Seed Farm	9066 Hwy 88	Bridgeport	69336	308-262-0512	GC
Kent/Kelly Lehmann	74376 Middle Canyon Rd.	Eustis	69028	308-486-5505	GR
DeWain Lockwood	1520 Axminster Lane	Estes Park, CO	80517	308-235-4104	AC
Long Crop Services	237 Northside Dr.	Hebron	68370	402-768-6739	BK
Luhrs Cert Seed & Conditioning	PO Box 759	Imperial	69033	308-882-5917	AC
Leon Lutkemeier	2357 - 400 Rd.	Bladen	68928	402-756-8488	GR
Bruce A. Madsen	5284 B Rd.	Nehawka	68413	402-263-5555	GR
Maschmann Mills	PO Box 428	Deshler	68340	402-365-4369	AC
Mayer Seed	637118-724 Rd.	Auburn	68305	402-274-5743	AC
Mettenbrink Farms	3042 N. Engleman Rd.	Grand Island	68803	308-382-8828	GR
Miller Seed & Supply	327 York Ave.	York	68467	402-362-5516	AC
Miller Seed Co. Inc.	1600 Cornhusker Hwy	Lincoln	68501	402-438-1232	AC
C & H Mills Farms	29606 Mill Rd.	Murdock	68407	402-867-2956	GC
Monsanto Co.	PO Box 73	Kearney	68848	308-234-9710	AC
Monsanto Co.	1506 Hwy 69	Waco	68460	402-728-5429	AC
Mueller Sod Farm	1680 - 83 St.	Columbus	68601	402-564-6364	GR
Muhlbach Seeds	907 Westridge Dr.	Ravenna	68869	308-452-4487	AC
Mycogen Plant Sciences	1117 Recharge Rd.	York	68467	402-362-7441	AC
Nature Conservancy	PO Box 438	Aurora	68818	402-694-4191	GR
Nebraska Ag Specialties	1717 E Hwy 6	Holdrege	68949	308-995-2246	BK
Nebraska Irrigated Seeds LLC	2005 N Somers Ave	Fremont	68025	402-721-6438	GC
Nelson Certified Seed	37629 W. Nelson Rd.	Wallace	69169	308-387-4698	GR
Lee E. Nelson & Sons	30951 Rd. W	Sutton	68979	402-773-4700	GR
New Alliance Bean & Grain	PO Box 619	Alliance	69301	308-762-8014	AC
Norder Supply Inc.	PO Box 10	Bruning	68322	402-353-6175	BK
Oliver Manufacturing	PO Box 512	Rocky Ford CO	81067	719-254-3480	AM
Olson Livestock & Seed	31921 Rd. 711	Haigler	69030	308-297-3283	AC
Orchard Seed	51243 - 862 nd Rd	Orchard	68764	402-893-2445	AC
ORK Farms	PO Box 356	Grant	69140	308-882-7777	GR
Osler Farms	34550 Rd. 751	Elsie	69134	308-882-8437	GC
Paramount Seed	7682 CR Z	Quinter KS	67752	785-754-2151	GR
Stanley Pavelka	18350 S. Conestoga	Bladen	68928	402-756-3010	GR
Peters Seed Farms Inc.	71353 Rd. 378	McCook	69001	308-345-5170	GC
Petersen Farms Inc.	1420 E. Capital	Grand Island	68801	308-382-1672	GR
Petersen Seed Wheat	72264 Rd 410	Cambridge	69022	308-737-1482	GR
Petersen Seeds Inc.	204 S. Elm St.	Gordon	69343	308-282-1523	AC
Peterson Genetics Inc.	1710 Adams St.	Cedar Falls IA	50613	319-266-1731	AM
Pioneer Hi-Bred Int'l Inc.	12937 S. Hwy 281	Doniphan	68832	402-744-3271	AC
Pioneer Hi-Bred Int'l Inc.	1410 Hwy 34	York	68467	402-362-3349	AC
Polansky Seed	2729 M St.	Belleville,KS	66935	785-527-2271	AC
Poppe Farms	200 Central Ave.	Grant	69140	308-289-1737	GR
Providence Farms/Keith Berns	932 Rd. X	Bladen	68928	402-756-1094	GC
R & C Sprinklers LLC	2 East B St	Ogallala	69153	308-284-2114	AC
Radke Engineering	3903 Maryhill Dr.	Cedar Falls IA	50613	877-588-3211	CC
Ramaeker Organic Farms	PO Box 1	Monroe	68647	402-495-3555	GR
Remington Hybrid Seed Co.	311 Rd. 3163	Hastings	68901	402-463-5581	AC
Rezac Seed	840 CR 31	Valparaiso	68065	402-784-3875	AC
Richmond Farms	76045 Rd. 327	Grant	69140	308-352-4472	GR
Rohlfing Seed	4275 S Rd.	Talmage	68448	402-264-3515	AC
Rolling Meadow Ranch	114 E. Hwy 20	Hays Springs	69347	308-638-7549	GR
Jeff/Norman Rose	2016 Rd. S	Blue Hill	68930	402-756-2073	GR
John W. Scharf	74271 Hwy 18	Curtis	69025	308-367-4174	GR
Pete Schmit & Sons LTD	230-40 Rd.	Bellwood	68624	402-538-4645	GR
Steve Schumacher	5865 Rd. 115	Dalton	69131	308-249-1752	GR
Scoular Grain	2027 Dodge St.	Omaha	68102	402-342-3500	GR
SCS Farms	PO Box 10	Madison	68748	402-454-2884	GR
Seed Enterprises Inc.	679 - 19 Rd.	West Point	68788	402-372-3238	AC
The Seedhouse	87194 - 494 Ave.	O'Neill	68763	402-336-1250	AC
Sharp Brothers Seed Co.	PO Box 140	Healy KS	67850	316-398-2231	AC
Todd Smith	27712 CR 10	Hooper	68031	402-654-3895	GR
Spurgin Inc.	790 Rd E. R So.	Paxton	69155	308-289-0950	GR
Star Seed Inc.	PO Box 228	Osborne KS	67473	785-346-5447	AC

Starr Partnership	1140 W. Lochland Rd.	Hastings	68901	402-461-4229	GR
Stateline Bean Producers Coop	801 Railroad St.	Gering	69341	308-436-2186	GR
Jeff Steffen	55472 - 888 Rd.	Crofton	68730	402-357-3740	GC
David Stock	28008 Mill Rd.	Murdock	68407	402-867-3771	GR
Stock Seed Farm	28008 Mill Rd.	Murdock	68407	402-867-3771	AC
Stokebrand Seed Inc.	2154 CR 2400	DeWitt	68341	402-683-4575	GR
Syngenta Seed Care	#29 Rolling Hills Rd.	Kearney	68847	308-234-4819	AM
Syngenta Seeds Inc.	PO Box 125	Phillips	68865	402-886-2257	AC
Syngenta Seeds Inc.	PO Box 303	Waterloo	68069	402-779-2531	AC
Thimm Farms Inc.	5104 W Hwy 136	Beatrice	68310	402-228-2222	AC
Carl Thomas	10038 CR 10	Morrill	69358	308-247-2096	GR
Thorsen Family Farm Inc.	1445 - 680 Rd.	Gordon	69343	308-282-0189	GC
Todd Valley Farms	PO Box 202	Mead	68041	402-624-6385	GR
Trinidad/Benham	PO Box 427	Bridgeport	69336	308-262-1361	AC
United Seeds Inc.	PO Box 27322	Omaha	68127	402-331-4800	AC
V & F Farms Co.	PO Box 467	Chappell	69129	308-874-2840	GR
Veburg Seed Farm	2706 N. W Rd.	Hordville	68846	402-757-3210	GC
Ron Vlasin	790 CR 2350	Crete	68333	402-826-3422	GR
Lloyd Vogt & Son	33726 Adams St.	Elmwood	68349	402-994-2475	GC
Darrell Wehnes & Sons	671 Rd. 318	Inland	68954	402-772-8101	AC
Ruben Wehnes	PO Box 237	Inland	68954	402-772-8101	GR
Westbred LLC	14604 S. Haven Rd.	Haven, KS	67543	620-465-2675	GR
Westco	PO Box 516	Morrill	69358	308-247-2126	AC
Dale/Henry Wicke	PO Box 76	Wauneta	69045	308-394-5777	GC
Williams Lawn Seed Inc.	224 W So. Hills Dr.	Maryville MO	64468	800-457-9571	GR
Woods Country Farm LLC	6161 - 330 Lane	Rushville	69360	308-327-2636	GR
Alec Yeager	305 Logan St.	Hendley	68946	308-265-7466	CC
Zangger Hybrids Popcorn	48393 - 809 Rd.	North Loup	68859		GR
Dale/Linda Zoerb	RR 1 Box 105	Litchfield	68852	308-446-2366	GR