



# 2008 Iowa Crop Performance Test — Soybeans

*The Iowa Crop Performance Test—Soybeans* is conducted each year to provide information farmers need to select the best varieties or brands for their production conditions. This information and more can be found at [www.croptesting.iastate.edu](http://www.croptesting.iastate.edu).

Within Iowa there are six testing districts and three testing sites within each district (Figure 1). Districts also have an east/west overlapping region. This allows us to provide four testing locations per district. Testing sites in the overlap area are shown with two stars in Figure 1. Entries were subdivided based on maturity group and advertised response to soybean cyst nematode. In addition to these tests, there were two tests containing conventional herbicide and low-linolenic lines. One of these was grown in the central region and one in the southern region.

## Entries

Seed companies, Iowa farmers, and the Iowa Crop Improvement Association

may include entries in the Iowa Crop Performance Test—Soybeans. All entries were made voluntarily. Entry names listed in the tables are entrant designations and are listed in yield tables by descending yield. An alphabetical list of the entries, by brand, can be found with the descriptive information near the end of this report in Table 31. The seed used to plant all entries in the 2008 test was submitted by the originators.

## Growing Conditions

The average yield of all entries at a test site provides an indication of overall production conditions at that location (see Table 1).

## Testing Procedures

Entries were grown in four-row plots with a row spacing of 30 inches. Plot length was 20 feet, with a planted row length of 17.4 feet. The seeding rate was eight seeds per foot (140,000 seeds per acre) for all entries. Four replications of the entries were used at each location. Glyphosate products were used for weed control at

each location. Plots were sprayed for soybean aphids, bean leaf beetles, and/or fungal pathogens as necessary.

## Characters Evaluated

**Yield:** The plots were harvested with a plot combine. Seed weights and moisture content were collected on the combine. Yields are reported in bushels per acre at a moisture content of 13 percent, and as a percentage of the mean yield of the test.

**Maturity:** An entry was considered mature when 95 percent of the pods had turned brown. Seven to 10 days of good drying weather were required beyond that date before the soybeans were ready to harvest. Maturity was evaluated at one location in each district. Maturity date is reported as 'days from the beginning of September.' A '7' is September 7th, while '32' is October 2nd.

**Chlorosis Score:** Susceptibility of the entries to iron-deficiency chlorosis was evaluated on highly calcareous soil.

(high pH) with the following rating scale: 1 = little or no yellowing, 2 = slight yellowing, 3 = moderate yellowing, 4 = intense yellowing, and 5 = very severe yellowing. Chlorosis reaction was evaluated for all entries, with four replications at Ames, Iowa.

**Lodging:** Scores were based on the average erectness of the main stem of all plants at maturity: 1 = all plants erect, 2 = slight lodging, 3 = many plants lodged at 45° angle, 4 = severe lodging, and 5 = all plants flat. Lodging was scored at all locations in each district.

**Soybean Cyst Nematode:** Varietal resistance to soybean cyst nematode is complex because multiple genes control resistance in soybeans, and nematodes are not genetically uniform from field to field. Unique resistance genes have been introduced into commercial soybean varieties/brands from soybean germplasm obtained from other countries, often referred to as Plant Introductions (PIs). In the past the genes providing resistance in a variety were traceable to a single PI source. Today, however, many varieties have genes from several PI sources, and the resulting gene mixtures are difficult to trace to the original sources, so the PI source of resistance is not listed in this report. Because of this genetic complexity in soybeans and the genetic complexity of nematode populations, a broad-based approach using naturally occurring SCN populations must be used to estimate an entry's resistance.

The ICPT—Soybeans project does not use soil SCN counts as a criterion for test site selection. Sites are chosen based on how well they represent the soil types and geography of the region, provided the site is relatively uniform. Soil samples

are taken at planting time and the SCN count information is provided to entrants. All counts in 2008 were interpreted to be 'low' or 'moderate.' All SCN-resistant and non-SCN resistant lines are grown at each location with no alterations made based on SCN counts.

**Protein and Oil Content:** The protein and oil content of the entries was determined with an Infratec near-infrared transmittance analyzer. The Infratec analyzer was calibrated by the Department of Agricultural and Biosystems Engineering at Iowa State University. Whole grain samples from one replication of each experiment at each of the overlap sites were collected and analyzed. The reported values are an average of the two observations from each district and are reported at 13 percent moisture.

### **Descriptive Information**

**Brown Stem Rot:** Resistance information of each entry to brown stem rot was supplied by the entrant. Several genes provide protection for BSR and the level of protection increases when the number of genes present increases. Entries are designated as 'R' resistant (one or more genes present), 'S' susceptible (no genes present), or '-' (data not supplied by the entrant).

**Phytophthora:** The specific resistance of entries to phytophthora root rot caused by races 1, 3, and 4 of *Phytophthora sojae* was supplied by the entrant. Entries with a major gene for resistance to races 3 and/or 4 of *Phytophthora* should have adequate protection for most Iowa soils. Entries were designated as 'R' = all plants resistant, 'S' = all plants susceptible, 'M' = mixture of resistant and susceptible plants, '?' = not known at the time of publication, and '-' = data not supplied by the entrant.

**Hilum, Flower, and Pubescence Colors:** Descriptive data were supplied by the entrants. Hilum color: BL = black, BR = brown, BF = buff, IB = imperfect black, IY = imperfect yellow, Y = yellow, and G = gray. Flower color: W = white and P = purple. Pubescence color: T = tawny, LT = light tawny, G = gray, and M = mixture of two or more colors for a character.

**Seed Type and Availability:** Genetic composition of the entries was provided by the entrant. In 2008, all entries were pure lines. Experimental lines are those with an "X" in the variety name, and may or may not be offered for sale to farmers in Iowa for planting in 2009.

### **Interpretation of Results**

Care should be used in comparing entries that occur in different tables of this report. Growing conditions were not identical for each test; therefore, yield of an entry will vary among tests. Information from individual locations will highlight how variable yields can be in different environments.

Even though two entries have similar genetic potential for yield and other characters, their performance may differ because of variation in fertility and other environmental conditions among plots at the test sites. This test is conducted as an experiment, not a contest. The amount of error in the test is estimated by the LSD (least significant difference) values provided at the bottom of each table. If the difference between two entries is greater than the LSD value, it is reasonably certain that the entries differ in their genetic potential for the character. Likewise, if the difference between two entries is less than the LSD value, it can be assumed that no difference may exist between the two entries.

## Variety Selection

The primary consideration in selecting a variety or brand for planting is harvestable yield. The average performance of an entry over two or more years should be considered when data are available. If two-year means are not available, regional averages consisting of several locations should be used to make selection decisions. Variety performance data from a single location have a very low predictive probability, and should not be relied upon for variety selection decisions.

The lodging characteristic of a variety should influence the plant population used. Varieties susceptible to lodging should be planted at lower seeding rates than resistant types. The seeding rate for any variety should be low enough to avoid serious lodging.

All soybean varieties and brands should emerge well when planted less than two inches deep and soil crusting is not a problem. If varieties with poor emergence characteristics are grown, plant stands may be seriously reduced when seed is planted more than two inches deep or when soil crusting occurs before emergence.

Phytophthora root rot is caused by a soilborne fungus that may attack the plant at any stage of development. Varieties will not have yield reduction when they have specific resistance for a race that is present, but they may suffer damage if races are present in the soil for which they do not have specific resistance. For varieties that do not have specific resistance, those with a high level of field tolerance will have less yield reduction than varieties with a low level of field tolerance. In areas where *Phytophthora* is known to be a problem, varieties with high yield and specific resistance to races 3 and/or 4 should be considered.

Soybean cyst nematodes are microscopic worms that attack soybean roots. Susceptible varieties grown on infested soil may be stunted and show yellowing of leaf tissue. The current recommendation for managing SCN is to rotate nonhost crops with soybean varieties that derive their resistance from different PI sources. This will become increasingly harder to do, however, as plant breeders combine these genes from different sources into single varieties to obtain broad-based resistance, as is already evidenced by many entries in these trials. Information for identification and control of soybean cyst nematodes is available in Iowa State University Extension publication PM 1649, Soybean cyst nematode-resistant soybean varieties for Iowa.

Brown stem rot is caused by the fungus *Phialophora gregata*, which survives in crop residue. This fungus becomes most active when cool weather during pod fill is followed by hot, dry weather. Plant symptoms may appear as necrotic areas on the leaves or as dark, reddish brown discoloration of the pith area in the stem. Control measures include crop rotation and planting resistant varieties.

The protein and oil percentages determine the amount of protein and oil that can be obtained from a given weight of soybeans. For crushing purposes, the simplest measure of total value is the sum of protein and oil; higher sums mean more total value. Several processors are now evaluating methods to use composition in their buying practices. The sum statistic and the LSD statistic can be used together to identify varieties of similar yield potential and higher composition.

## Use of the Data in Advertisements

Specific advertising statements by an individual company about the performance

of its entries must accurately reflect the published data.

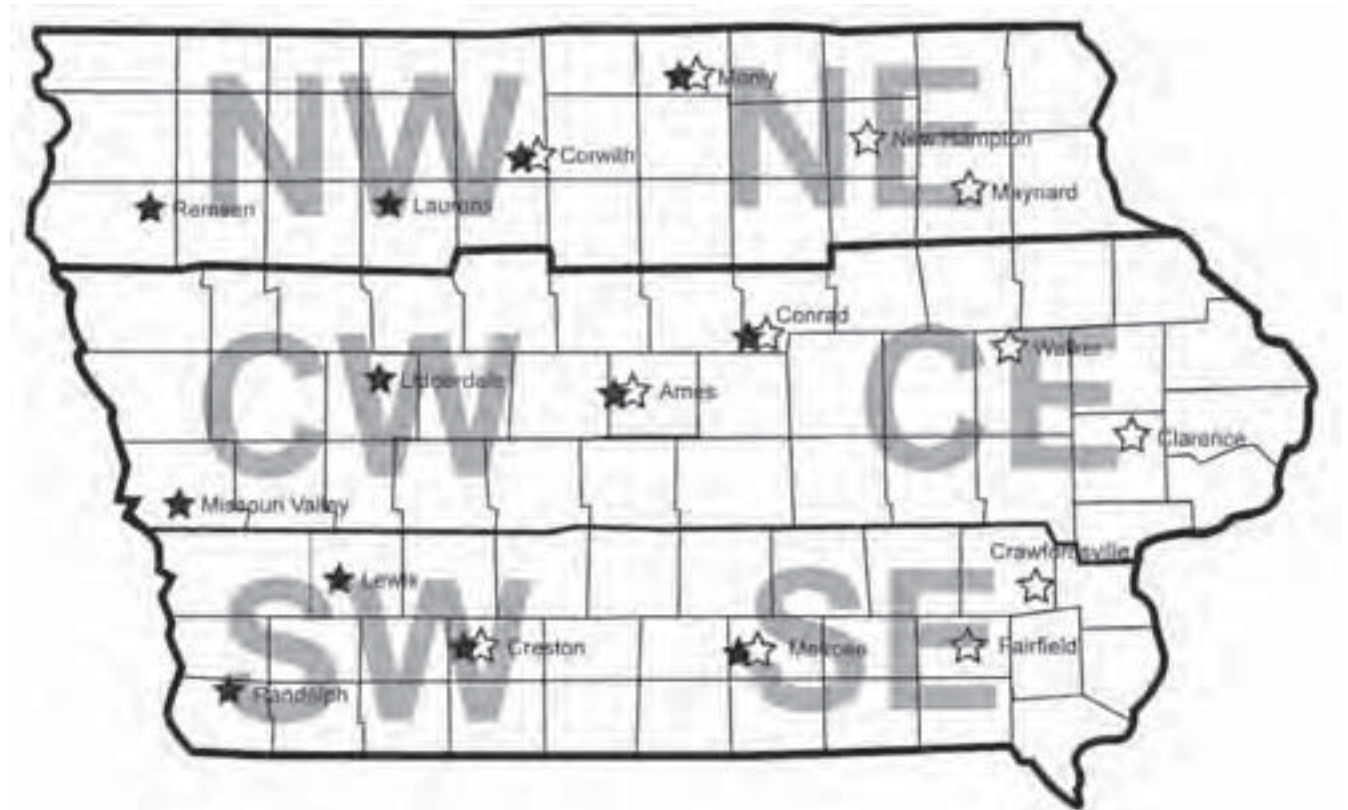
## Acknowledgements

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## For More Information

- For more information about the Iowa Crop Performance Tests, see [www.croptesting.iastate.edu](http://www.croptesting.iastate.edu).
- For information about the Iowa Crop Improvement Association, visit [www.agron.iastate.edu/icia](http://www.agron.iastate.edu/icia).
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**Figure 1. Test locations for the 2008 Iowa Crop Performance Test – Soybeans.**



All east and west experiments within a tier were grown at locations with two stars.

Prepared by J. Rouse, Agriculture and Home Economics Experiment Station and Iowa State University Extension, and the Iowa Crop Improvement Association.

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Iowa Crop Improvement Association offers unbiased, third-party information to Iowa growers on the adaptation and performance of hybrids and varieties of alfalfa, barley, corn, oat, soybean, and wheat. The latest results are available at [www.croptesting.iastate.edu](http://www.croptesting.iastate.edu).

The presentation of data for the varieties tested does not imply endorsement by the authors or the agencies sponsoring or conducting the test.

**... and justice for all**

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**Table 1. Cooperator and field information for the 2008 soybean test.**

Location and Cooperator	Soil Type	Planting Date	Harvest Date	Avg Yield (Bu/Acre)
<b>Northwest</b>				
Rensen, John Schneider	Galva silty clay loam	15-May	9-Oct	54.6
Rossie, Curtis Jones	Everly clay loam	14-May	10-Oct	48.5
Corwith, Norm & Jonathon Chambers	Canisteo clay loam	17-May	27-Oct	51.7
<b>Northeast</b>				
Manly, Jaime & Randy Lutz	Basset loam	14-May	2-Oct	45.1
New Hampton, Jim Eckenrod	Colo-Spillville	16-May	3-Oct	45.5
Maynard, Alan Albrecht	Kenyon loam	18-Jun	30-Oct	48.3
<b>Central-west</b>				
Missouri Valley, Dean McIntosh	McPaul silt loam	19-May	4-Oct	60.9
Lidderdale, Kevin & Ryan Kroeger	Clarion loam	13-May	N/A	N/A
Ames, Lynn Henn	Nicollette loam	21-May	19-Oct	33.6*
<b>Central-east</b>				
Conrad, Leo Kopsa	Tama silty clay loam	21-May	19-Oct	33.6*
Walker, Duane Kuhn	Kenyon loam	18-Jun	30-Oct	35.8*
Clarence, Brad Dircks	Tama silty clay loam	9-May	11-Oct	49.6*
<b>Southwest</b>				
Randolph, Jay Schaaf	Kennebec silt loam	6-May	29-Oct	55.3
Lewis, Dennis Jipsen	Marshall silty clay loam	6-May	28-Oct	50.6
Creston, Jeff Tussey	Sharpsburg silty clay loam	15-May	20-Oct	47.2*
<b>Southeast</b>				
Melrose, Mike Ryan	Haig silty clay loam	21-May	N/A	N/A
Fairfield, Alan McElderry	Haig silt loam	19-Jun	1-Nov	44.5
Crawfordsville, Kevin VanDee	Nira silty clay loam	8-May	12-Oct	54.8*

\*Conventional/specialty tests not included in average yield.

**Table 2. Seed treatment abbreviations and other data descriptions.****IST: Insecticidal Seed Treatment**

AM ApronMaxx  
 CM CruiserMaxx  
 SK SuperKote  
 TAG Trilex/Allegiance/Gaucho  
 TX Trilex AL

**Yield:** Bushels per acre, adjusted to 13% moisture basis

**Yield (% of Mean):** Yield as a percentage of the experiment mean

**Maturity Date:** Days to maturity AFTER September 1; 95% of pods are brown

**IDC Score:** Iron deficiency chlorosis rating, 1–5 scale

**Lodging Score:** Lodging rating based on 1–5 scale

**Protein %:** NIR determination, reported at 13% moisture

**Oil %:** NIR determination, reported at 13% moisture

**Table 3. Northwest district two-year means, 2007–2008.**

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
<b>SCN-resistant entries, maturity group 2.2 and earlier</b>								
AgSource	AG-2324+RR/SCN	52.2	105	20	3.1	1.1	33.3	19.9
Asgrow	AG2108	51.9	104	20	2.1	1.1	33.1	19.9
Kruger	K-204RR/SCN	51.4	103	20	2.2	1.1	32.2	20.4
Kruger	K-228RR/SCN	51.3	103	20	2.6	1.1	31.6	20.3
NuTech	7222	51.1	103	21	2.2	1.1	31.9	20.5
Viking	2238NRR	50.7	102	19	2.2	1.0	33.6	19.3
NuTech	NT-1808 RR/SCN	50.6	102	19	3.3	1.1	32.9	19.7
Renk	RS204NRR	50.6	102	20	2.2	1.1	32.4	20.4
Kruger	K-201RR/SCN	50.2	101	18	2.7	1.1	33.4	20.1
Prairie Brand	PB-2207NRR	50.2	101	21	2.1	1.1	31.9	20.3
Kruger	K-170RR/SCN	50.0	100	19	2.9	1.3	34.2	19.4
NuTech	NT-7193 RR/SCN	50.0	100	20	2.8	1.1	33.2	20.3
NuTech	7201	49.9	100	19	2.1	1.1	31.4	20.8
Prairie Brand	PB-2056NRR	49.7	100	18	2.8	1.2	34.2	19.6
Dyna-Gro	37Y21	49.7	100	20	2.9	1.1	33.1	19.9
Prairie Brand	PB-2007NRR	49.6	100	20	2.4	1.1	31.9	20.6
Prairie Brand	PB-2117NRR	49.6	100	20	2.2	1.0	32.4	20.4
Asgrow	AG2002	49.5	99	19	2.4	1.1	33.9	19.9
AgSource	AG-7222	49.2	99	20	2.5	1.1	31.1	20.5
Trisoy	1877RR(CN)	48.8	98	17	2.3	1.0	31.8	20.7
Dyna-Gro	31D20	48.7	98	19	2.3	1.1	34.3	19.8
Four Star	2123RR	47.8	96	20	2.3	1.0	34.8	19.1
Kruger	K-195+RR/SCN	47.4	95	20	1.9	1.1	32.3	20.7
<b>SCN-resistant entries, maturity group 2.3–2.7</b>								
Dyna-Gro	33D27	51.6	104	27	2.0	1.3	32.5	19.6
Kruger	K-275RR/SCN	50.7	102	25	2.2	1.3	32.1	19.6
Renk	RS277NRR	50.7	102	26	2.7	1.1	33.1	19.4
Renk	RS247NRR	50.6	102	21	2.9	1.1	32.6	20.3
Kruger	K-248RR/SCN	50.4	101	23	3.3	1.2	33.6	19.8
NuTech	NT-2324+RR/SCN	50.3	101	21	3.6	1.0	33.6	20.0
NuTech	NT-2660 RR/SCN	50.2	101	25	2.5	1.1	32.9	19.5
AgSource	AG-2660 RR/SCN	50.1	101	25	2.7	1.1	32.2	19.6
Asgrow	AG2406	49.4	99	19	2.7	1.1	34.9	19.5
Asgrow	AG2606	49.4	99	23	3.1	1.2	36.8	17.4
Asgrow	DKB27-52	49.4	99	25	2.5	1.1	31.9	19.7
Four Star	2271RR	49.2	99	27	2.4	1.1	33.3	19.1
AgSource	AG-7242	49.0	99	20	2.1	1.0	34.9	19.0
Kruger	K-274RR/SCN	48.3	97	22	2.1	1.1	32.8	19.7
Kruger	K-251RR/SCN	47.6	96	23	2.2	1.1	33.7	18.4
NuTech	7242	47.4	95	20	2.2	1.0	33.5	19.1
Dyna-Gro	38G23	46.8	94	20	2.7	1.1	32.3	20.5
Four Star	2251RR	46.3	93	24	2.4	1.2	33.2	18.4
<b>Non-SCN-resistant entries, maturity group 2.2 and earlier</b>								
NK Brand	S21-N6 Brand	54.3	109	19	3.2	1.1	31.9	20.5
NuTech	NT-2220 RR	52.4	105	23	3.2	1.2	33.4	19.0
NuTech	6211	50.8	102	20	2.4	1.0	34.3	19.2
Kruger	K-194RR	50.6	102	21	2.1	1.1	31.8	19.7
<b>Non-SCN-resistant entries, maturity group 2.3–2.7</b>								
NK Brand	S24-J1 Brand	52.4	105	20	2.8	1.2	35.9	19.0
Kruger	K-239RR	51.9	104	22	2.9	1.1	34.4	19.1
Kruger	K-271RR	50.7	102	28	2.4	1.2	34.5	19.0
Kruger	K-256RR	50.0	101	23	3.7	1.2	34.1	18.4
<b>Overall Mean</b>		<b>49.7</b>		<b>22</b>	<b>2.6</b>	<b>1.1</b>	<b>33.6</b>	<b>19.5</b>
<b>LSD(0.25)</b>		<b>1.8</b>		<b>2</b>	<b>0.7</b>	<b>0.1</b>	<b>0.9</b>	<b>0.5</b>

**Table 4. Northeast district two-year means, 2007–2008.**

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
<b>SCN-resistant entries, maturity group 2.2 and earlier</b>								
AgSource	AG-2324+RR/SCN	52.3	104	21	3.1	1.0	34.1	19.8
NuTech	NT-1808 RR/SCN	51.6	103	19	3.3	1.0	33.8	19.7
Asgrow	AG2108	51.3	103	20	2.1	1.0	32.9	20.1
AgSource	AG-7222	51.2	102	21	2.5	1.1	32.4	20.2
NuTech	7222	51.2	102	21	2.2	1.1	32.4	20.1
Kruger	K-201RR/SCN	51.1	102	19	2.7	1.1	33.9	20.0
Trelay	2203	51.0	102	21	2.7	1.0	32.4	20.3
Kaltenberg	KB226RR	51.0	102	22	2.6	1.1	35.0	18.8
Dyna-Gro	37Y21	51.0	102	21	2.9	1.1	33.1	20.0
Prairie Brand	PB-2056NRR	51.0	102	18	2.8	1.1	34.4	19.3
Kruger	K-228RR/SCN	50.7	101	21	2.6	1.1	32.2	20.1
Asgrow	AG2002	50.7	101	19	2.4	1.0	34.0	19.4
NuTech	NT-7193 RR/SCN	50.4	101	19	2.8	1.0	33.2	20.0
Prairie Brand	PB-2117NRR	50.4	101	20	2.2	1.0	32.6	20.2
Kruger	K-170RR/SCN	50.3	101	19	2.9	1.2	34.9	18.9
Kruger	K-195+RR/SCN	49.8	100	19	1.9	1.0	32.9	20.3
NuTech	7201	49.7	99	19	2.1	1.0	32.3	20.5
Kruger	K-204RR/SCN	49.6	99	21	2.2	1.0	32.0	20.4
Trisoy	2070RR(CN)	49.6	99	21	2.0	1.0	32.4	20.2
FS HiSOY	HS 22R70	49.5	99	21	2.0	1.1	31.9	20.2
Dyna-Gro	31D20	49.5	99	19	2.3	1.1	34.0	19.6
Prairie Brand	PB-2207NRR	49.3	98	21	2.1	1.1	31.9	20.2
Prairie Brand	PB-2007NRR	48.5	97	19	2.4	1.0	32.0	20.6
<b>SCN-resistant entries, maturity group 2.3–2.7</b>								
NuTech	NT-2324+RR/SCN	52.1	104	21	3.6	1.0	33.4	19.8
Kruger	K-275RR/SCN	52.0	104	25	2.2	1.3	32.0	20.2
Dyna-Gro	33D27	51.8	104	26	2.0	1.3	31.5	20.4
Renk	RS247NRR	51.6	103	20	2.9	1.0	33.2	20.2
Kruger	K-248RR/SCN	51.4	103	23	3.3	1.2	33.3	19.9
AgSource	AG-2660 RR/SCN	51.3	103	24	2.7	1.1	32.5	19.5
Asgrow	DKB27-52	50.7	101	25	2.5	1.1	32.5	19.8
NuTech	NT-2660 RR/SCN	50.4	101	25	2.5	1.1	31.3	20.2
Dairyland	DSR-2300/RR	50.2	100	23	2.5	1.1	34.0	19.2
Asgrow	AG2406	49.7	99	20	2.7	1.1	34.8	19.7
AgSource	AG-7242	49.7	99	21	2.1	1.0	33.6	19.0
Asgrow	AG2606	49.6	99	24	3.1	1.1	35.8	17.6
NuTech	7242	49.3	98	20	2.2	1.0	33.8	18.9
Kruger	K-251RR/SCN	48.8	98	23	2.2	1.1	34.2	19.0
Kruger	K-274RR/SCN	48.5	97	23	2.1	1.2	33.5	19.8
Dyna-Gro	38G23	48.2	96	22	2.7	1.1	31.7	20.3
Renk	RS277NRR	47.9	96	27	2.7	1.1	33.3	19.4
<b>Non-SCN-resistant entries, maturity group 2.2 and earlier</b>								
NuTech	NT-2220 RR	52.3	105	23	3.2	1.2	34.4	18.4
NK Brand	S21-N6 Brand	52.2	104	20	3.2	1.1	32.0	20.3
NuTech	6211	50.4	101	19	2.4	1.0	34.9	19.2
Kruger	K-194RR	50.1	100	21	2.1	1.1	32.7	19.4
Renk	RS223RR	49.3	99	19	2.3	1.0	33.1	19.8
<b>Non-SCN-resistant entries, maturity group 2.3–2.7</b>								
Latham	L2646R	51.6	103	26	2.4	1.2	33.0	19.0
Trelay	2233	51.4	103	22	2.8	1.1	35.4	19.3
NK Brand	S24-J1 Brand	51.2	102	20	2.8	1.1	35.2	19.0
Renk	RS265RR	51.0	102	23	2.7	1.3	34.5	19.2
Kruger	K-239RR	50.7	101	23	2.9	1.1	34.7	19.0
Trelay	2214	49.7	99	19	2.1	1.0	34.5	19.4
Kruger	K-271RR	49.6	99	29	2.4	1.2	34.6	18.7
Kruger	K-256RR	49.2	98	24	3.7	1.2	33.7	18.8
NuTech	NT-6234 RR	47.8	95	18	2.9	1.1	32.2	20.2
<b>Overall Mean</b>		<b>50.0</b>		<b>22</b>	<b>2.6</b>	<b>1.1</b>	<b>33.6</b>	<b>19.4</b>
<b>LSD(0.25)</b>		<b>1.6</b>		<b>2</b>	<b>0.7</b>	<b>0.1</b>	<b>0.8</b>	<b>0.4</b>

**Table 5. Central–west district two-year means, 2007–2008.**

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
<b>SCN-resistant entries, maturity group 2.3–2.7</b>								
Prairie Brand	PB-2636NRR	56.4	108	28	2.3	1.4	33.4	19.6
AgSource	AG-2660 RR/SCN	56.3	108	29	2.7	1.2	34.0	19.4
Dyna-Gro	33D27	56.3	108	29	2.0	1.3	33.7	19.7
Kruger	K-275RR/SCN	55.0	105	27	2.2	1.3	33.7	19.8
Prairie Brand	PB-2667NRR	53.9	103	27	2.5	1.2	33.6	19.5
Asgrow	DKB27-52	53.6	103	27	2.5	1.2	33.5	19.7
NuTech	NT-2324+RR/SCN	53.6	103	23	3.6	1.1	34.5	20.2
Asgrow	AG2606	53.3	102	27	3.1	1.1	37.9	17.3
Kruger	K-248RR/SCN	53.0	102	25	3.3	1.2	34.8	19.7
Dyna-Gro	38G23	52.9	101	23	2.7	1.2	33.4	20.6
NuTech	7222	52.7	101	23	2.2	1.2	33.3	20.2
AgSource	AG-7242	52.2	100	23	2.1	1.1	34.3	19.2
Kruger	K-274RR/SCN	52.1	100	26	2.1	1.2	35.0	19.1
Kruger	K-251RR/SCN	52.1	100	27	2.2	1.1	35.1	18.4
Asgrow	AG2406	51.6	99	24	2.7	1.1	35.9	19.2
Prairie Brand	PB-2897NRR	51.5	99	31	2.4	1.3	34.3	19.5
Excel	8236NRR	51.3	98	23	3.1	1.1	36.2	19.0
Four Star	2271RR	51.1	98	30	2.4	1.1	34.3	18.9
Four Star	2251RR	50.8	97	26	2.4	1.1	34.3	18.9
Trisoy	2575RR(CN)	50.7	97	26	1.9	1.1	34.6	19.1
<b>SCN-resistant entries, maturity group 2.8–3.2</b>								
AgSource	AG-7316	56.0	107	32	2.4	1.1	36.3	18.0
Merschman	Jefferson 830 RR	55.4	106	32	2.8	1.1	35.2	19.0
Asgrow	AG2802	55.0	105	30	2.1	1.3	33.8	19.5
Asgrow	AG2906	54.8	105	32	2.6	1.1	35.3	18.5
Dyna-Gro	38B31	54.5	104	33	3.0	1.1	35.2	18.9
Four Star	2291RR	54.4	104	31	2.2	1.2	36.0	18.1
Asgrow	AG3205	54.4	104	35	3.0	1.2	35.9	17.3
Kruger	K-316RR/SCN	54.3	104	32	3.2	1.1	35.4	19.0
Trisoy	3073RR(CN)	54.0	104	35	3.0	1.1	34.3	19.4
Four Star	2283RR	54.0	103	32	2.8	1.2	34.5	18.8
Kruger	K-321RR/SCN/LINO	53.8	103	33	2.5	1.2	34.4	19.2
Kruger	K-297RR/SCN	52.2	100	31	2.0	1.1	34.9	17.9
NK Brand	S32-E2 Brand	52.1	100	33	3.8	1.3	34.0	19.3
Dyna-Gro	39R29	51.2	98	32	1.5	1.2	34.8	17.8
NuTech	7282	51.2	98	32	2.8	1.2	34.2	19.5
FS HiSOY	HS 30R72	50.6	97	29	2.2	1.1	34.7	17.7
<b>Non-SCN-resistant entries, maturity group 2.3–2.7</b>								
Excel	8257RR	55.7	107	25	2.3	1.1	35.2	19.2
NuTech	6211	55.3	106	21	2.4	1.0	35.5	19.5
NK Brand	S25-B9 Brand	55.1	106	25	3.7	1.0	34.6	19.5
Kruger	K-239RR	54.3	104	25	2.9	1.1	35.3	19.4
Trisoy	2373RR	54.1	104	25	2.8	1.1	35.3	19.5
NK Brand	S24-J1 Brand	52.7	101	21	2.8	1.1	35.8	19.8
Kruger	K-256RR	52.7	101	25	3.7	1.1	35.6	18.7
NuTech	NT-2220 RR	52.7	101	25	3.2	1.2	34.9	19.1
Kruger	K-271RR	51.0	98	31	2.4	1.2	35.4	19.0
<b>Non-SCN-resistant entries, maturity group 2.8–3.2</b>								
NuTech	NT-2707 RR	55.5	106	27	2.8	1.3	35.5	18.8
NK Brand	S28-B4 Brand	53.7	103	28	2.3	1.2	34.0	18.9
Kruger	K-310RR/LINO	51.5	99	30	2.9	1.1	34.6	18.6
NuTech	6281	50.7	97	32	2.0	1.2	35.8	19.2
<b>Overall Mean</b>		<b>52.2</b>		<b>29</b>	<b>2.6</b>	<b>1.2</b>	<b>34.8</b>	<b>19.0</b>
<b>LSD(0.25)</b>		<b>2.8</b>		<b>2</b>	<b>0.7</b>	<b>0.1</b>	<b>0.6</b>	<b>0.5</b>

**Table 6. Central–east district two-year means, 2007–2008.**

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
<b>SCN-resistant entries, maturity group 2.3–2.7</b>								
Prairie Brand	PB-2636NRR	49.7	106	29	2.3	1.3	34.1	19.5
Kruger	K-275RR/SCN	49.2	105	29	2.2	1.3	33.7	19.5
Dyna-Gro	33D27	49.0	104	29	2.0	1.3	34.0	19.5
AgSource	AG-2660 RR/SCN	48.3	103	26	2.7	1.2	33.4	19.5
Prairie Brand	PB-2667NRR	47.7	102	27	2.5	1.2	34.0	19.6
Asgrow	AG2606	47.7	101	26	3.1	1.1	37.5	17.2
Renk	RS277NRR	47.6	101	30	2.7	1.1	34.3	19.0
NuTech	NT-2324+RR/SCN	47.5	101	25	3.6	1.0	35.2	19.7
Dairyland	DSR-2770/RR	47.0	100	30	2.1	1.2	35.1	19.0
Asgrow	DKB27-52	46.9	100	27	2.5	1.2	33.7	19.6
Kruger	K-248RR/SCN	46.8	100	26	3.3	1.2	34.9	19.5
Excel	8236NRR	46.7	99	23	3.1	1.2	35.8	18.9
Renk	RS247NRR	46.0	98	23	2.9	1.0	34.6	20.0
NuTech	7222	45.7	97	23	2.2	1.1	33.7	20.1
AgSource	AG-7242	45.4	97	23	2.1	1.1	34.6	18.9
Asgrow	AG2406	44.7	95	24	2.7	1.1	35.9	19.3
Kruger	K-251RR/SCN	43.5	93	25	2.2	1.1	35.0	18.4
Dyna-Gro	38G23	43.5	92	23	2.7	1.2	33.9	19.9
Prairie Brand	PB-2897NRR	43.4	92	32	2.4	1.2	34.4	19.2
Kruger	K-274RR/SCN	43.3	92	27	2.1	1.3	34.8	19.2
<b>SCN-resistant entries, maturity group 2.8–3.2</b>								
AgSource	AG-7316	50.3	107	32	2.4	1.2	36.1	18.0
Kruger	K-321RR/SCN/LINO	50.0	106	34	2.5	1.1	33.8	19.3
Latham	L3178R	50.0	106	32	2.7	1.1	35.2	18.9
Merschman	Jefferson 830 RR	48.9	104	32	2.8	1.1	35.2	18.9
Asgrow	AG2906	48.8	104	32	2.6	1.2	35.3	18.5
Kruger	K-316RR/SCN	48.1	102	33	3.2	1.1	35.1	18.7
NK Brand	S32-E2 Brand	48.0	102	33	3.8	1.3	34.2	19.1
Dyna-Gro	38B31	47.0	100	32	3.0	1.1	35.1	19.1
FS HiSOY	HS 30R72	46.1	98	32	2.2	1.2	35.1	17.5
Kruger	K-297RR/SCN	45.8	98	32	2.0	1.1	35.0	17.5
Dyna-Gro	39R29	45.7	97	33	1.5	1.1	34.7	17.8
NuTech	7282	44.7	95	32	2.8	1.2	35.3	18.9
<b>Non-SCN-resistant entries, maturity group 2.3–2.7</b>								
NuTech	6211	49.2	105	20	2.4	1.1	36.1	19.0
Kruger	K-271RR	48.5	103	31	2.4	1.2	34.8	19.2
Excel	8257RR	48.5	103	26	2.3	1.1	35.7	19.1
Trelay	2233	48.3	103	23	2.8	1.1	35.1	19.4
Renk	RS265RR	48.0	102	24	2.7	1.3	35.3	19.1
NuTech	NT-2220 RR	47.9	102	25	3.2	1.2	35.2	18.6
Kruger	K-239RR	47.2	101	23	2.9	1.2	35.8	19.0
Excel	8259RR	47.2	101	27	2.4	1.2	34.4	19.0
NK Brand	S25-B9 Brand	46.5	99	25	3.7	1.0	34.6	19.5
Dairyland	DSR-2600/RR	46.1	98	26	2.8	1.2	34.5	18.9
NK Brand	S24-J1 Brand	45.8	97	21	2.8	1.2	36.5	18.9
Kruger	K-256RR	44.8	95	24	3.7	1.3	35.5	18.6
<b>Non-SCN-resistant entries, maturity group 2.8–3.2</b>								
NuTech	NT-2707 RR	51.6	110	27	2.8	1.2	35.4	18.8
Latham	L2875R	49.7	106	30	2.7	1.1	35.1	18.4
NK Brand	S28-B4 Brand	49.4	105	29	2.3	1.1	34.3	18.7
NuTech	6281	48.1	102	31	2.0	1.1	35.2	18.9
Kruger	K-310RR/LINO	45.7	97	30	2.9	1.1	35.0	18.8
<b>Overall Mean</b>		<b>47.0</b>		<b>28</b>	<b>2.6</b>	<b>1.2</b>	<b>34.8</b>	<b>18.9</b>
<b>LSD(0.25)</b>		<b>2.6</b>		<b>3</b>	<b>0.7</b>	<b>0.1</b>	<b>0.7</b>	<b>0.5</b>

continued—

**Table 6. Central–east district two-year means, 2007–2008 (continued).**

<b>Brand</b>	<b>Entry</b>	<b>Yield (Bu/Acre)</b>	<b>Yield (% of Mean)</b>	<b>Maturity Date</b>	<b>IDC Score</b>	<b>Lodging Score</b>	<b>Protein (%)</b>	<b>Oil (%)</b>
<b>Central region conventional and specialty lines, maturity group 3.0 and earlier</b>								
Asoyia	3005	45.8	121	26	2.4	1.1	35.0	18.4
Asoyia	2897	45.0	119	20	2.8	1.0	35.9	18.4
Public	IA2079	44.4	117	22	2.7	1.1	35.8	18.5
Public	IA2077	42.7	113	21	3.6	1.3	36.0	17.7
Asoyia	2677	42.6	113	20	3.3	1.1	35.3	18.3
CGB	7422	41.6	110	21	3.0	1.3	35.9	18.9
Public	IA2078	41.4	109	22	3.0	1.1	35.8	18.6
Public	IA2068	41.0	108	19	2.5	1.3	34.3	19.0
Asoyia	2525	40.2	106	17	2.7	1.1	34.9	18.5
CGB	7809	39.9	105	21	3.5	1.2	35.7	19.1
Public	IAR2001BSR	39.8	105	17	2.2	1.2	35.7	19.0
Asoyia	2505	39.7	105	20	2.4	1.2	35.2	18.6
Dairyland	DSR-22/STS-UL	38.5	102	18	2.5	1.2	34.8	18.7
<b>Overall Mean</b>		<b>37.9</b>		<b>20</b>	<b>2.6</b>	<b>1.3</b>	<b>36.2</b>	<b>18.3</b>
<b>LSD(0.25)</b>		<b>2.5</b>		<b>2</b>	<b>0.7</b>	<b>0.3</b>	<b>1.7</b>	<b>0.8</b>

**Table 7. Southwest district two-year means, 2007–2008.**

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
<b>Southwest entries, maturity group 2.8–3.2</b>								
Asgrow	AG3205	52.6	104	27	3.0	1.2	36.2	17.6
Merschman	Jefferson 830 RR	52.2	104	26	2.8	1.2	34.7	19.8
Prairie Brand	PB-2907NRR	52.1	103	27	2.0	1.1	34.0	18.8
Prairie Brand	PB-3137NRR	51.7	103	27	2.3	1.2	35.6	18.8
Prairie Brand	PB-2956NRR	51.5	102	27	3.0	1.0	35.5	19.3
Four Star	2291RR	51.1	101	27	2.2	1.1	35.6	18.8
Dyna-Gro	39R29	51.1	101	27	1.5	1.1	33.6	19.0
FS HiSOY	HS 30R72	50.8	101	26	2.2	1.1	34.8	18.5
Dyna-Gro	38B31	50.8	101	27	3.0	1.2	35.0	19.9
NK Brand	S28-B4 Brand	50.8	101	23	2.3	1.3	34.1	19.1
Kruger	K-297RR/SCN	50.7	101	26	2.0	1.1	34.5	19.0
Asgrow	AG2906	50.4	100	27	2.6	1.1	35.8	19.0
Four Star	2283RR	50.4	100	26	2.8	1.2	34.6	19.2
AgSource	AG-7316	50.3	100	27	2.4	1.2	36.3	18.5
Asgrow	AG2802	50.1	99	24	2.1	1.2	34.4	19.9
Trisoy	3073RR(CN)	50.0	99	26	3.0	1.1	34.7	20.0
NK Brand	S32-E2 Brand	49.2	98	26	3.8	1.3	34.2	19.8
Kruger	K-321RR/SCN/LINO	48.9	97	28	2.5	1.2	33.5	20.1
Kruger	K-310RR/LINO	48.8	97	25	2.9	1.1	35.1	18.9
Kruger	K-316RR/SCN	48.8	97	26	3.2	1.1	35.3	19.4
Prairie Brand	PB-2897NRR	48.2	96	25	2.4	1.2	34.8	20.1
NuTech	7282	47.0	93	25	2.8	1.3	35.5	19.6
<b>Southwest entries, maturity group 3.3–3.9</b>								
Prairie Brand	PB-3796NRR	54.7	109	33	3.1	1.1	35.2	19.3
AgSource	AG-3888 CN	54.6	108	33	3.1	1.1	34.7	19.6
NuTech	7399	54.3	108	33	3.0	1.1	36.0	18.1
NuTech	NT-3888 RR/SCN	54.1	107	32	3.5	1.1	34.1	19.5
Asgrow	AG3705	53.2	105	33	3.3	1.1	34.3	18.9
Asgrow	AG3803	53.1	105	32	3.3	1.2	35.1	18.7
Trisoy	3977RR(CN)	53.0	105	33	3.1	1.1	35.3	18.1
Kruger	K-384RR/SCN	52.9	105	33	3.7	1.1	35.3	18.6
NK Brand	S37-F7 Brand	52.3	104	33	3.4	1.3	34.7	18.1
Prairie Brand	PB-3436NRR	51.8	103	30	3.2	1.1	33.6	19.0
Asgrow	AG3504	51.8	103	30	2.9	1.1	35.7	18.4
Dyna-Gro	38R33	51.7	103	28	3.4	1.1	35.1	18.8
NuTech	7345	51.5	102	28	3.5	1.2	34.9	18.4
Kruger	K-389RR/SCN	51.4	102	33	4.0	1.1	33.1	19.4
FS HiSOY	HS 33R70	51.3	102	27	3.4	1.1	35.7	18.1
Prairie Brand	PB-3637NRR	51.1	101	32	3.8	1.1	33.9	19.0
Merschman	Kennedy 836 RR	50.3	100	32	3.2	1.1	34.3	19.0
Kruger	K-341RR/SCN	49.5	98	30	2.6	1.1	34.8	19.3
NK Brand	S39-A3 Brand	49.0	97	34	3.2	1.5	34.7	18.2
Kruger	K-363RR/SCN	48.9	97	32	3.3	1.1	34.3	18.8
Kruger	K-348RR/SCN	48.9	97	29	3.7	1.1	32.6	19.7
Dyna-Gro	37J34	48.4	96	31	3.1	1.1	33.4	19.2
<b>Overall Mean</b>		<b>50.4</b>		<b>29</b>	<b>2.6</b>	<b>1.1</b>	<b>34.6</b>	<b>19.2</b>
<b>LSD(0.25)</b>		<b>2.2</b>		<b>2</b>	<b>0.7</b>	<b>0.1</b>	<b>0.9</b>	<b>0.4</b>

**Table 8. Southeast district two-year means, 2007–2008.**

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
<b>Southeast entries, maturity group 2.8–3.2</b>								
Prairie Brand	PB-3137NRR	53.7	107	27	2.3	1.1	36.2	18.7
AgSource	AG-7316	53.5	107	26	2.4	1.0	36.3	18.6
Four Star	2291RR	53.2	106	27	2.2	1.1	35.5	18.6
Merschman	Jefferson 830 RR	53.1	106	27	2.8	1.0	35.1	19.6
Kruger	K-316RR/SCN	52.1	104	27	3.2	1.0	35.2	19.7
Asgrow	AG2906	51.7	103	26	2.6	1.1	35.5	19.4
Prairie Brand	PB-2956NRR	51.6	103	27	3.0	1.0	34.8	19.4
Dyna-Gro	38B31	51.4	103	26	3.0	1.0	34.7	19.7
Kruger	K-297RR/SCN	51.3	103	27	2.0	1.1	34.4	18.9
Prairie Brand	PB-3058NRR	51.0	102	25	2.8	1.2	34.4	19.4
Asgrow	AG3205	50.8	102	26	3.0	1.1	36.4	17.3
NK Brand	S32-E2 Brand	50.8	102	27	3.8	1.2	34.0	19.9
Prairie Brand	PB-2907NRR	50.7	101	26	2.0	1.1	34.3	18.9
FS HiSOY	HS 30R72	50.7	101	27	2.2	1.1	35.0	18.2
NK Brand	S28-B4 Brand	50.3	101	23	2.3	1.1	33.3	19.6
Trisoy	3073RR(CN)	50.3	101	27	3.0	1.0	34.8	19.7
Kruger	K-310RR/LINO	50.2	100	25	2.9	1.0	33.5	19.4
Four Star	2283RR	49.5	99	25	2.8	1.1	35.2	18.9
Dyna-Gro	39R29	49.5	99	26	1.5	1.1	34.3	18.6
Kruger	K-321RR/SCN/LINO	48.9	98	27	2.5	1.1	33.5	20.2
NuTech	7282	47.4	95	25	2.8	1.2	34.9	19.6
Prairie Brand	PB-2897NRR	46.8	94	24	2.4	1.2	35.4	19.6
<b>Southeast entries, maturity group 3.3–3.9</b>								
NuTech	NT-3888 RR/SCN	53.3	107	32	3.5	1.1	34.5	19.3
NuTech	7399	53.0	106	34	3.0	1.1	35.1	18.2
AgSource	AG-3888 CN	52.7	105	33	3.1	1.1	34.1	19.9
Asgrow	AG3402	52.7	105	28	3.3	1.2	35.3	18.4
Asgrow	AG3803	52.6	105	33	3.3	1.1	35.1	18.8
Prairie Brand	PB-3796NRR	52.5	105	33	3.1	1.1	35.2	19.5
FS HiSOY	HS 33R70	51.4	103	28	3.4	1.1	35.8	18.3
Asgrow	AG3705	51.2	102	31	3.3	1.1	34.0	18.9
Dyna-Gro	38R33	50.7	101	27	3.4	1.1	35.1	18.4
Merschman	Kennedy 836 RR	50.6	101	32	3.2	1.1	33.9	19.2
Prairie Brand	PB-3436NRR	50.6	101	30	3.2	1.1	33.3	19.2
Kruger	K-348RR/SCN	50.2	100	29	3.7	1.1	33.2	19.5
Kruger	K-389RR/SCN	49.6	99	33	4.0	1.1	32.9	19.3
Dyna-Gro	37J34	49.0	98	30	3.1	1.1	33.5	19.1
NK Brand	S37-F7 Brand	49.0	98	33	3.4	1.2	33.9	18.6
NK Brand	S39-A3 Brand	49.0	98	34	3.2	1.3	33.8	18.6
Kruger	K-363RR/SCN	48.8	98	31	3.3	1.1	34.4	19.2
Trisoy	3675RR(CN)	48.7	97	31	3.8	1.1	33.6	19.3
Kruger	K-333RR/SCN	44.1	88	25	2.4	1.1	35.2	20.1
<b>Overall Mean</b>		<b>50.0</b>		<b>29</b>	<b>2.6</b>	<b>1.1</b>	<b>34.4</b>	<b>19.3</b>
<b>LSD(0.25)</b>		<b>2.1</b>		<b>3</b>	<b>0.7</b>	<b>0.1</b>	<b>1.0</b>	<b>0.5</b>
<b>Southern region conventional and specialty lines, maturity group 2.8 and later</b>								
Asoyia	3005	45.5	105	25	2.4	1.1	33.4	19.6
Asoyia	2897	44.9	103	20	2.8	1.1	35.9	18.8
Public	IA3023	44.7	103	28	1.9	1.2	33.0	19.9
Public	IA3024	43.3	99	26	3.2	1.1	33.2	19.8
Asoyia	3517SCN	43.2	99	31	3.9	1.1	35.5	18.6
Asoyia	3106SCN	42.4	97	23	2.0	1.3	35.2	18.7
Public	A95-684043BC	42.0	97	21	3.0	1.4	36.0	19.3
Public	IA3025	41.8	96	25	2.0	1.1	34.6	19.3
Public	IA3028	41.2	95	22	2.6	1.2	35.3	18.9
<b>Overall Mean</b>		<b>43.5</b>		<b>26</b>	<b>2.6</b>	<b>1.2</b>	<b>34.8</b>	<b>18.9</b>
<b>LSD(0.25)</b>		<b>3.0</b>		<b>2</b>	<b>0.7</b>	<b>0.1</b>	<b>0.7</b>	<b>0.4</b>

**Table 9. Northwest district, 2008 district and single-location means. SCN-resistant test, MG < 2.2.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Remsen	Rossie	Corwith	Manly	
AgSource	AG-2324+RR/SCN	CM	54.2	108	25	2.9	1.1	33.5	18.9	56.3	54.9	56.4	49.7	
NuTech	7203	CM	53.5	106	23	2.5	1.1	33.0	18.9	57.1	54.5	52.1	49.2	
Prairie Brand	PB-2058NRR	CM	52.5	104	23	1.7	1.1	32.8	19.1	56.2	52.4	51.8	50.2	
Dyna-Gro	SK08622	CM	52.5	104	27	2.5	1.1	33.4	18.3	57.0	51.5	54.9	45.6	
Asgrow	AG2108	CM	52.5	104	24	1.1	1.0	32.9	18.8	56.9	53.4	53.3	46.3	
Premier	2082NRR	CM	52.2	104	26	3.4	1.1	33.3	18.0	57.9	52.9	52.2	45.8	
Prairie Brand	PB-2207NRR	CM	51.7	103	25	1.6	1.1	32.7	19.1	55.3	52.2	53.3	45.2	
Latham	E2083R		51.6	103	23	1.6	1.1	32.4	19.4	56.2	53.0	51.2	45.7	
NuTech	7222	CM	51.2	102	24	2.1	1.1	32.5	19.1	55.6	51.9	48.9	47.8	
Latham	L2085R	TAG	51.2	102	24	1.9	1.1	33.6	18.9	55.0	52.5	53.3	45.2	
NuTech	NT-1808 RR/SCN	CM	51.1	102	24	3.6	1.0	33.4	19.0	56.2	51.2	51.4	45.9	
Kruger	K-228RR/SCN		50.8	101	24	2.0	1.0	32.0	19.4	58.1	50.9	50.8	42.3	
Prairie Brand	PB-2007NRR	CM	50.6	101	23	2.1	1.0	32.2	19.4	54.5	49.7	52.2	46.0	
Asgrow	AG2002	CM	50.6	101	23	1.4	1.0	34.3	18.8	55.3	51.5	51.7	43.1	
NuTech	7201	CM	50.5	101	23	2.0	1.0	32.2	19.6	54.8	50.2	51.0	45.8	
Prairie Brand	PB-2056NRR	CM	50.3	100	23	2.4	1.1	34.0	18.8	55.2	46.7	53.2	46.6	
Trisoy	1877RR(CN)	TAG	50.3	100	22	2.2	1.0	31.9	19.3	55.9	53.1	48.8	43.9	
Kruger	K-204RR/SCN		50.2	100	24	1.6	1.0	32.5	19.3	54.9	49.7	52.0	43.6	
Trisoy	2070RR(CN)	TAG	50.1	100	24	2.1	1.0	32.4	19.4	53.8	51.4	49.7	45.3	
Prairie Brand	PB-1958NRR	CM	50.1	100	23	3.4	1.1	33.3	18.8	53.7	50.6	51.8	45.0	
G2 Genetics (NuTech)	7226	CM	50.1	100	27	1.9	1.1	33.3	18.7	53.1	47.2	54.2	45.7	
G2 Genetics (NuTech)	7211	CM	50.1	100	25	1.7	1.1	33.0	18.4	54.9	48.2	53.4	43.9	
AgSource	AG-7222	CM	50.0	99	24	1.9	1.0	32.2	19.4	56.0	50.7	48.9	43.9	
Kruger	K-201RR/SCN		49.9	99	23	2.7	1.0	33.6	19.3	55.6	49.1	51.2	43.3	
NuTech	NT-7193 RR/SCN	CM	49.9	99	23	2.7	1.0	33.5	19.0	53.6	50.9	51.5	42.9	
Kruger	K-170RR/SCN		49.8	99	24	2.6	1.1	34.9	18.1	56.3	47.4	52.3	43.3	
Prairie Brand	PB-2117NRR	CM	49.7	99	24	2.2	1.0	32.7	19.2	54.3	49.8	50.5	44.6	
Renk	RS204NRR	CM	49.5	98	23	1.9	1.1	32.8	19.3	53.8	47.9	52.3	44.2	
NuTech	7216	CM	49.0	98	27	3.4	1.1	37.6	16.5	53.2	47.0	51.3	44.5	
Viking	2238NRR	CM	48.8	97	23	2.7	1.0	33.6	18.3	54.5	48.7	49.0	43.1	
Dyna-Gro	37Y21	CM	48.5	97	24	2.7	1.0	32.8	19.1	53.0	46.7	50.1	44.8	
Asgrow	AG2110	CM	48.4	96	23	1.2	1.1	32.8	18.7	50.5	47.4	51.9	43.5	
Premier	2297NRR	CM	48.4	96	24	1.7	1.0	32.2	18.9	53.9	48.8	47.8	43.4	
Four Star	2123RR	CM	48.4	96	25	2.4	1.0	34.9	18.2	54.5	49.0	49.4	41.4	
Asgrow	AG1802	CM	48.2	96	22	2.2	1.0	32.7	19.7	55.6	49.0	47.1	40.3	
Dyna-Gro	31D20	CM	48.2	96	24	1.7	1.1	34.0	19.1	52.8	48.2	50.3	41.7	
Kruger	K-195+RR/SCN		47.2	94	23	1.9	1.0	33.3	19.3	51.5	48.2	48.4	39.8	
G2 Genetics (NuTech)	7186	CM	47.1	94	22	2.2	1.2	32.1	19.9	49.7	47.9	46.8	44.1	
Kruger	K-189RR/SCN		46.3	92	23	2.6	1.0	34.4	18.7	54.3	43.2	47.2	40.4	
<b>Experiment Mean</b>			<b>50.1</b>		<b>24</b>	<b>2.2</b>	<b>1.1</b>	<b>33.2</b>	<b>18.9</b>	<b>54.8</b>	<b>50.0</b>	<b>51.1</b>	<b>44.5</b>	
<b>Minimum Mean</b>			<b>46.3</b>		<b>22</b>	<b>1.1</b>	<b>1.0</b>	<b>31.9</b>	<b>16.5</b>	<b>49.7</b>	<b>43.2</b>	<b>46.8</b>	<b>39.8</b>	
<b>Maximum Mean</b>			<b>54.2</b>		<b>27</b>	<b>3.6</b>	<b>1.2</b>	<b>37.6</b>	<b>19.9</b>	<b>58.1</b>	<b>54.9</b>	<b>56.4</b>	<b>50.2</b>	
<b>LSD(0.25)</b>			<b>1.4</b>		<b>1</b>	<b>0.8</b>		<b>0.6</b>	<b>0.3</b>	<b>1.6</b>	<b>2.1</b>	<b>2.5</b>	<b>2.0</b>	
<b>Coefficient of Variability</b>			<b>4.5</b>					<b>0.6</b>	<b>0.3</b>	<b>3.4</b>	<b>5.2</b>	<b>5.9</b>	<b>5.4</b>	

**Table 10. Northwest district, 2008 district and single-location means. SCN-resistant test, MG 2.3-2.7.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Remsen	Rossie	Corwith	Manly	
NuTech	7275	CM	51.8	105	27	3.2	1.0	33.5	18.3	58.4	51.1	53.3	44.4	
Renk	RS277NRR	CM	51.5	105	32	2.4	1.1	33.6	18.3	54.1	50.1	56.0	47.3	
NuTech	NT-2660 RR/SCN	CM	51.5	105	31	1.9	1.1	32.5	18.8	54.0	50.8	54.3	47.1	
Trisoy	2782RR(CN)	TAG	50.9	104	31	2.2	1.2	32.8	18.6	55.6	50.0	51.5	46.6	
Dyna-Gro	33D27	CM	50.9	103	31	1.2	1.2	31.9	19.0	56.8	48.1	52.3	46.2	
NuTech	7251	CM	50.9	103	26	4.1	1.1	35.6	17.5	58.1	46.7	54.5	43.6	
NuTech	NT-2324+RR/SCN	CM	50.8	103	26	3.1	1.0	33.5	19.1	54.7	50.2	52.2	45.9	
Viking	2369CNRR	CM	50.3	102	26	3.2	1.0	34.2	19.2	54.5	47.3	55.1	44.8	
Renk	RS247NRR	CM	50.3	102	25	1.9	1.0	33.3	19.3	55.7	46.7	54.7	44.5	
AgSource	AG-2660 RR/SCN	CM	50.2	102	30	2.5	1.0	31.9	18.6	53.3	50.0	52.0	45.5	
Kruger	K-248RR/SCN	CM	50.1	102	28	2.7	1.1	33.4	18.8	53.7	46.5	53.9	46.5	
Dairyland	DSR-2300/RR	CM	50.1	102	27	2.2	1.1	34.6	18.1	56.2	46.5	56.8	41.2	
Asgrow	DKB27-52	CM	50.1	102	31	2.2	1.0	32.2	18.8	52.4	48.2	52.2	47.3	
NuTech	7274	CM	50.1	102	28	2.2	1.0	33.0	18.2	54.7	48.9	53.6	43.0	
Four Star	2271RR	CM	49.9	101	33	1.7	1.1	34.0	18.2	54.9	48.6	52.9		
Dairyland	DSR-2770/RR	CM	49.7	101	35	1.6	1.1	35.1	17.4	59.1	49.0	54.6	36.2	
Four Star	2265RR	CM	49.5	101	29	1.6	1.0	33.9	18.2	55.2	47.3	52.4	43.4	
Kruger	K-275RR/SCN	CM	49.5	101	32	1.5	1.2	32.4	18.7	55.1	47.8	51.0	44.6	
Renk	RS259NRR	CM	49.4	100	26	2.2	1.1	35.2	18.0	54.2	44.6	51.6	46.7	
Kruger	K-249RR/SCN	CM	49.3	100	27	3.9	1.1	35.2	18.0	54.3	46.7	54.5	42.1	
Asgrow	AG2606	CM	49.2	100	28	3.5	1.1	36.9	16.6	50.9	46.0	54.9	44.9	
G2 Genetics (NuTech)	7255	CM	49.2	100	29	3.0	1.0	33.8	18.4	52.5	46.7	53.4	44.5	
Asgrow	AG2406	CM	49.0	100	25	2.2	1.0	34.5	18.9	55.3	46.6	51.2	42.5	
Latham	L2348R	TAG	48.6	99	25	2.1	1.0	33.7	18.3	52.9	44.8	52.6	43.8	
Trisoy	2333RR(CN)	TAG	48.5	99	27	3.1	1.0	35.5	18.0	54.1	46.1	55.8	38.7	
Pioneer	92M53	CM	48.3	98	29	1.7	1.2	32.0	19.6	51.3	45.4	53.8	42.6	
G2 Genetics (NuTech)	7241	CM	48.2	98	26	2.9	1.1	34.8	18.1	50.6	45.0	51.2	46.8	
NK Brand	S27-C4 Brand	CM	48.1	98	33	3.6	1.1	34.1	18.3	49.2	45.8	55.6	41.6	
AgSource	AG-7242	CM	47.4	96	25	1.7	1.0	34.2	18.1	52.8	44.5	50.5	41.9	
NuTech	7242	CM	46.8	95	24	2.2	1.0	33.8	18.1	51.3	44.9	50.0	41.1	
Kruger	K-251RR/SCN	CM	46.7	95	28	2.0	1.0	34.3	17.8	50.9	45.1	49.9	40.0	
Dyna-Gro	38G23	CM	46.4	94	25	2.4	1.0	32.8	19.1	51.2	44.5	48.8	41.0	
Four Star	2251RR	CM	46.2	94	28	1.9	1.0	33.8	17.0	51.5	41.5	51.4	41.2	
Dyna-Gro	36K26	CM	46.0	94	25	1.6	1.0	34.4	18.6	53.1	42.4	48.5	40.3	
Kruger	K-247RR/SCN	CM	44.2	90	26	2.6	1.1	33.5	18.4	46.4	40.6	51.0	38.7	
Kruger	K-274RR/SCN	CM	43.9	89	27	1.5	1.1	32.8	18.6	46.0	41.8	49.6	38.5	
<b>Experiment Mean</b>			<b>49.0</b>		<b>28</b>	<b>2.4</b>	<b>1.1</b>	<b>33.8</b>	<b>18.4</b>	<b>53.5</b>	<b>46.6</b>	<b>52.7</b>	<b>43.3</b>	
<b>Minimum Mean</b>			<b>43.9</b>		<b>24</b>	<b>1.2</b>	<b>1.0</b>	<b>31.9</b>	<b>16.6</b>	<b>46.0</b>	<b>40.6</b>	<b>48.5</b>	<b>36.2</b>	
<b>Maximum Mean</b>			<b>51.8</b>		<b>35</b>	<b>4.1</b>	<b>1.2</b>	<b>36.9</b>	<b>19.6</b>	<b>59.1</b>	<b>51.1</b>	<b>56.8</b>	<b>47.3</b>	
<b>LSD(0.25)</b>			<b>1.6</b>		<b>1</b>	<b>0.8</b>		<b>0.6</b>	<b>0.3</b>	<b>1.9</b>	<b>1.8</b>	<b>2.3</b>	<b>2.2</b>	
<b>Coefficient of Variability</b>			<b>4.5</b>					<b>0.6</b>		<b>4.3</b>	<b>4.7</b>	<b>5.2</b>	<b>6.2</b>	

**Table 11. Northwest district, 2008 district and single-location means. Non-SCN-resistant test, MG < 2.2.**

Brand	Entry	IST	District Means					Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Remsen	Rossie	Corwith	Manly
NuTech	6224	CM	53.8	107	28	2.5	1.1	34.3	17.7	58.4	55.4	54.0	47.7
NK Brand	S21-N6 Brand	CM	53.5	106	24	2.7	1.1	31.2	19.8	58.0	54.9	52.2	48.7
NuTech	6211	CM	51.8	103	24	2.0	1.0	34.9	18.5	61.1	52.6	50.9	42.9
NuTech	NT-2220 RR	CM	50.6	101	28	3.0	1.1	33.6	17.8	56.8	49.9	52.5	43.5
NuTech	6193	CM	50.2	100	23	2.4	1.0	32.8	18.8	54.7	50.7	49.1	45.7
Kruger	K-194RR		49.8	99	25	1.1	1.0	32.4	18.6	56.2	45.0	54.4	44.0
NK Brand	S18-Y3 Brand	CM	49.8	99	23	3.4	1.0	33.9	18.6	55.9	50.6	49.9	43.0
Kruger	KX1987R		49.7	99	24	2.0	1.0	34.1	18.6	55.0	48.3	49.2	46.0
NuTech	6212	CM	48.3	96	24	3.4	1.1	32.3	18.8	50.4	48.5	49.9	45.2
<b>Experiment Mean</b>			<b>50.8</b>		<b>25</b>	<b>2.5</b>	<b>1.1</b>	<b>33.4</b>	<b>18.6</b>	<b>56.3</b>	<b>50.6</b>	<b>51.4</b>	<b>45.2</b>
<b>Minimum Mean</b>			<b>48.3</b>		<b>23</b>	<b>1.1</b>	<b>1.0</b>	<b>31.2</b>	<b>17.7</b>	<b>50.4</b>	<b>45.0</b>	<b>49.1</b>	<b>42.9</b>
<b>Maximum Mean</b>			<b>53.8</b>		<b>28</b>	<b>3.4</b>	<b>1.1</b>	<b>34.9</b>	<b>19.8</b>	<b>61.1</b>	<b>55.4</b>	<b>54.4</b>	<b>48.7</b>
<b>LSD(0.25)</b>			<b>1.4</b>		<b>1</b>	<b>0.8</b>		<b>0.6</b>	<b>0.3</b>	<b>1.6</b>	<b>2.1</b>	<b>2.5</b>	<b>2.0</b>
<b>Coefficient of Variability</b>			<b>4.5</b>							<b>3.4</b>	<b>5.2</b>	<b>5.9</b>	<b>5.4</b>

**Table 12. Northwest district, 2008 district and single-location means. Non-SCN-resistant test, MG 2.3-2.7.**

Brand	Entry	IST	District Means					Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Remsen	Rossie	Corwith	Manly
NuTech	6244	CM	52.7	107	28	1.4	1.1	35.1	17.6	57.6	49.8	56.8	46.6
Latham	E2303R		51.1	104	28	1.6	1.0	34.6	17.7	56.1	49.5	55.4	43.1
NK Brand	S28-B4 Brand	CM	50.9	104	32	1.7	1.1	33.3	17.9	57.1	48.8	54.4	43.2
NK Brand	S24-J1 Brand	CM	50.7	103	26	1.7	1.0	35.0	18.2	57.5	48.1	54.8	42.1
Trisoy	2373RR	TAG	50.5	103	28	2.4	1.0	34.7	18.0	58.1	48.5	53.6	42.5
Kruger	K-239RR		49.6	101	28	2.7	1.1	35.1	17.9	55.0	49.0	52.6	41.7
Kruger	K-271RR		49.3	100	35	2.2	1.2	34.9	17.6	57.2	47.1	54.3	37.9
Kruger	K-259RR		49.0	100	29	4.2	1.1	33.7	17.8	55.2	47.0	51.7	42.0
NuTech	6234	CM	48.9	99	26	1.9	1.0	32.5	19.1	55.2	47.8	49.3	43.2
NuTech	6242	CM	48.8	99	33	2.2	1.1	34.3	18.2	52.6	48.6	52.3	40.7
Renk	RS239RR	CM	48.1	98	26	1.6	1.0	34.2	17.9	55.4	45.9	51.9	39.1
Asgrow	AG2403	CM	47.7	97	25	1.5	1.0	33.6	19.0	53.9	47.2	49.3	40.1
<b>Experiment Mean</b>			<b>49.8</b>		<b>29</b>	<b>2.1</b>	<b>1.1</b>	<b>34.2</b>	<b>18.1</b>	<b>55.9</b>	<b>48.1</b>	<b>53.0</b>	<b>41.8</b>
<b>Minimum Mean</b>			<b>47.7</b>		<b>25</b>	<b>1.4</b>	<b>1.0</b>	<b>32.5</b>	<b>17.6</b>	<b>52.6</b>	<b>45.9</b>	<b>49.3</b>	<b>37.9</b>
<b>Maximum Mean</b>			<b>52.7</b>		<b>35</b>	<b>4.2</b>	<b>1.2</b>	<b>35.1</b>	<b>19.1</b>	<b>58.1</b>	<b>49.8</b>	<b>56.8</b>	<b>46.6</b>
<b>LSD(0.25)</b>			<b>1.6</b>		<b>1</b>	<b>0.8</b>		<b>0.6</b>	<b>0.3</b>	<b>1.9</b>	<b>1.8</b>	<b>2.3</b>	<b>2.2</b>
<b>Coefficient of Variability</b>			<b>4.5</b>							<b>4.3</b>	<b>4.7</b>	<b>5.2</b>	<b>6.2</b>

**Table 13. Northeast district, 2008 district and single-location means. SCN-resistant test, MG < 2.2.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Corwith	Manly	New Hampton	Maynard	
			51.7	108	25	2.9	1.0	33.5	18.9					
AgSource	AG-2324+RR/SCN	CM	51.7	108	25	2.9	1.0	33.5	18.9	54.0	53.0	47.6	51.6	
Latham	L2285R	TAG	50.7	106	24	2.1	1.0	32.5	19.2	52.7	50.1	46.3	52.9	
Dyna-Gro	SX08622	CM	50.0	104	27	2.5	1.1	33.4	18.3	53.2	50.7	46.0	49.7	
Latham	E1958R	CM	49.8	104	24	2.4	1.0	33.7	18.7	49.2	49.6	46.9	52.6	
G2 Genetics (NuTech)	7226	CM	49.5	103	27	1.9	1.1	33.3	18.7	51.1	47.8	46.3	52.0	
Dairyland	DSR-2200/RR	CM	49.5	103	29	2.2	1.1	34.2	18.0	55.6	47.7	46.8	48.2	
Prairie Brand	PB-2056NRR	CM	49.3	103	23	2.4	1.0	34.0	18.8	53.1	47.4	47.9	47.8	
Asgrow	AG2108	CM	49.2	103	24	1.1	1.0	32.9	18.8	52.4	48.2	45.7	50.6	
NuTech	7216	CM	48.9	102	27	3.4	1.1	37.6	16.5	52.5	46.3	47.7	48.8	
NuTech	7201	CM	48.9	102	23	2.0	1.0	32.2	19.6	49.2	50.9	45.8	49.9	
Kaltenberg	KB226RR	CM	48.9	102	26	1.9	1.0	35.1	17.9	53.6	45.5	49.7	47.0	
AgSource	AG-7222	CM	48.9	102	24	1.9	1.0	32.2	19.4	45.7	47.9	50.1	51.7	
NuTech	NT-1808 RR/SCN	CM	48.8	102	24	3.6	1.0	33.4	19.0	49.9	47.9	47.9	49.7	
Trelay	2203	SK	48.8	102	24	2.6	1.0	32.3	19.2	50.0	47.5	46.6	50.7	
NuTech	7203	CM	48.8	102	23	2.5	1.1	33.0	18.9	50.4	50.4	47.2	46.8	
NuTech	NT-7193 RR/SCN	CM	48.8	102	23	2.7	1.0	33.5	19.0	52.1	47.8	45.1	50.6	
FS HISOY	HS 2166	CM	48.7	102	24	2.1	1.0	33.8	19.0	52.2	47.6	46.1	49.8	
Prairie Brand	PB-2207NRR	CM	48.5	101	25	1.6	1.1	32.7	19.1	49.4	47.3	44.9	52.3	
NuTech	7222	CM	48.5	101	24	2.1	1.0	32.5	19.1	51.0	47.0	44.1	51.2	
Trisoy	2070RR(CN)	TAG	48.5	101	24	2.1	1.0	32.4	19.4	50.9	48.0	46.3	49.3	
Asgrow	AG2002	CM	48.1	100	23	1.4	1.0	34.3	18.8	48.7	45.7	49.1	48.5	
Kruger	K-170RR/SCN	CM	48.0	100	24	2.6	1.1	34.9	18.1	50.8	45.6	47.1	48.4	
Kruger	K-201RR/SCN	CM	47.9	100	23	2.7	1.0	33.6	19.3	51.6	46.6	47.7	48.2	
Prairie Brand	PB-2058NRR	CM	47.8	100	23	1.7	1.0	32.8	19.1	50.7	47.5	44.3	48.8	
Viking	2198NRR	CM	47.8	100	23	2.5	1.0	34.2	18.5	51.2	46.3	45.2	49.0	
Prairie Brand	PB-2117NRR	CM	47.6	99	24	2.2	1.0	32.7	19.2	50.3	45.8	46.1	48.3	
Prairie Brand	PB-2007NRR	CM	47.5	99	23	2.1	1.0	32.2	19.4	47.5	45.6	46.2	50.3	
Kruger	K-228RR/SCN	CM	47.2	98	24	2.0	1.0	32.0	19.4	47.2	47.8	45.7	48.7	
Kruger	K-204RR/SCN	CM	47.1	98	24	1.6	1.0	32.5	19.3	51.5	44.0	43.2	49.6	
G2 Genetics (NuTech)	7211	CM	47.0	98	25	1.7	1.1	33.0	18.4	51.2	45.6	44.2	47.5	
Dyna-Gro	37Y21	CM	47.0	98	24	2.7	1.0	32.8	19.1	50.0	46.5	45.0	46.3	
Viking	1908CNRR	CM	46.8	98	24	2.0	1.0	32.2	19.8	48.4	44.1	46.2	48.5	
Renk	RS204NRR	CM	46.8	98	23	1.9	1.0	32.8	19.3	47.9	45.4	45.1	48.9	
Dyna-Gro	31D20	CM	46.5	97	24	1.7	1.0	34.0	19.1	52.1	43.3	43.6	46.6	
Asgrow	AG2110	CM	46.4	97	23	1.2	1.1	32.8	18.7	51.0	45.8	42.5	46.6	
G2 Genetics (NuTech)	7186	CM	46.4	97	22	2.2	1.1	32.1	19.9	48.7	44.3	42.5	49.3	
Prairie Brand	PB-2347NRR	CM	46.3	96	24	1.6	1.0	34.5	18.0	48.1	45.6	44.2	47.3	
FS HISOY	HS 22R70	CM	45.9	96	25	1.9	1.0	32.4	19.2	46.2	44.7	44.6	48.5	
Kruger	K-195+RR/SCN	CM	45.7	95	23	1.9	1.0	33.3	19.3	49.1	45.8	45.0	42.6	
Asgrow	AG1802	CM	45.4	95	22	2.2	1.0	32.7	19.7	46.2	45.0	45.4	44.9	
Kruger	K-189RR/SCN	CM	44.6	93	23	2.6	1.0	34.4	18.7	47.5	44.1	41.9	45.0	
<b>Experiment Mean</b>			<b>48.0</b>		<b>24</b>	<b>2.2</b>	<b>1.0</b>	<b>33.3</b>	<b>18.9</b>	<b>50.3</b>	<b>46.9</b>	<b>45.8</b>	<b>48.9</b>	
<b>Minimum Mean</b>			<b>44.6</b>		<b>22</b>	<b>1.1</b>	<b>1.0</b>	<b>32.0</b>	<b>16.5</b>	<b>45.7</b>	<b>43.3</b>	<b>41.9</b>	<b>42.6</b>	
<b>Maximum Mean</b>			<b>51.7</b>		<b>29</b>	<b>3.6</b>	<b>1.1</b>	<b>37.6</b>	<b>19.9</b>	<b>55.6</b>	<b>53.0</b>	<b>50.1</b>	<b>52.9</b>	
<b>LSD(0.25)</b>			<b>1.5</b>		<b>1</b>	<b>0.8</b>				<b>2.4</b>	<b>2.1</b>	<b>2.6</b>	<b>2.2</b>	
<b>Coefficient of Variability</b>			<b>5.2</b>							<b>5.8</b>	<b>5.5</b>	<b>6.9</b>	<b>5.4</b>	

**Table 14. Northeast district, 2008 district and single-location means. SCN-resistant test, MG 2.3-2.7.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Corwith	Manly	New Hampton	Maynard	
FS HiSOY	R08-27	CM	51.0	107	33	1.9	1.1	34.3	17.9	54.7	51.7	47.7	52.2	
Asgrow	DKB27-52	CM	51.0	106	31	2.2	1.0	32.2	18.8	52.5	49.8	46.8	54.3	
Dyna-Gro	33D27	CM	50.8	106	31	1.2	1.1	31.9	19.0	55.3	47.9	48.3	52.2	
FS HiSOY	HS 2766	CM	50.7	106	31	2.0	1.1	32.9	18.7	53.5	49.3	47.3	51.8	
Renk	RS247NRR	CM	50.4	105	25	1.9	1.0	33.3	19.3	54.9	48.2	44.7	53.7	
NuTech	NT-2324+RR/SCN	CM	50.3	105	26	3.1	1.0	33.5	19.1	56.5	48.5	44.7	51.6	
Trisoy	2782RR(CN)	TAG	50.2	105	31	2.2	1.2	32.8	18.6	48.5	51.9	46.6	53.3	
NuTech	7251	CM	49.7	104	26	4.1	1.0	35.6	17.5	53.3	47.5	45.7	51.3	
AgSource	AG-2660 RR/SCN	CM	49.6	104	30	2.5	1.1	31.9	18.6	53.0	48.2	44.1	53.1	
G2 Genetics (NuTech)	7255	CM	49.5	103	29	3.0	1.1	33.8	18.4	52.3	49.7	45.0	49.8	
Kruger	K-249RR/SCN	CM	49.5	103	27	3.9	1.0	35.2	18.0	51.7	48.0	48.5	49.7	
Kruger	K-248RR/SCN	CM	49.5	103	28	2.7	1.0	33.4	18.8	53.8	47.1	45.5	50.7	
NuTech	7274	CM	49.4	103	28	2.2	1.0	33.0	18.2	52.4	51.0	44.4	50.0	
NuTech	NT-2660 RR/SCN	CM	49.3	103	31	1.9	1.0	32.5	18.8	50.1	50.0	44.3	53.6	
Kruger	K-275RR/SCN	CM	49.2	103	32	1.5	1.1	32.4	18.7	53.2	47.9	44.9	50.5	
Asgrow	AG2606	CM	49.2	103	28	3.5	1.1	36.9	16.6	54.5	46.2	45.1	50.6	
FS HiSOY	R08-26	CM	49.1	103	29	2.2	1.0	32.9	18.1	54.6	46.0	46.5	49.3	
Renk	RS277NRR	CM	48.7	102	32	2.4	1.1	33.6	18.3	53.5	48.6	50.8	44.6	
Trelay	2252	SK	48.6	102	26	3.2	1.0	35.6	17.9	51.4	45.6	47.8	50.3	
Renk	RS259NRR	CM	48.3	101	26	2.2	1.0	35.2	18.0	53.0	44.8	45.9	49.5	
Asgrow	AG2406	CM	47.3	99	25	2.2	1.0	34.5	18.9	49.2	44.7	45.8	49.0	
Kaltenberg	KB249RR	CM	47.2	99	26	3.5	1.0	35.3	17.8	50.8	45.0	45.1	48.7	
NK Brand	S27-C4 Brand	CM	47.1	98	33	3.6	1.1	34.1	18.3	54.3	44.1	41.4	48.7	
Latham	L2348R	TAG	47.0	98	25	2.1	1.0	33.7	18.3	51.1	45.5	43.8	47.6	
NuTech	7275	CM	46.8	98	27	3.2	1.0	33.5	18.3	50.2	47.1	49.5	39.2	
Kruger	K-251RR/SCN	CM	46.8	98	28	2.0	1.0	34.3	17.8	52.7	46.7	41.2	47.7	
Dairyland	DSR-2300/RR	CM	46.7	97	27	2.2	1.1	34.6	18.1	52.9	43.4	47.1	44.6	
Excel	8216NRR	CM	46.5	97	25	3.4	1.0	33.1	18.6	47.8	45.6	45.2	48.2	
Dairyland	DSR-2770/RR	CM	46.4	97	35	1.6	1.1	35.1	17.4	53.9	44.1	44.1	44.4	
AgSource	AG-7242	CM	46.4	97	25	1.7	1.0	34.2	18.1	49.0	45.7	43.4	48.3	
Dyna-Gro	38G23	CM	46.3	97	25	2.4	1.0	32.8	19.1	51.0	45.9	38.7	49.7	
G2 Genetics (NuTech)	7241	CM	45.9	96	26	2.9	1.0	34.8	18.1	50.1	48.1	44.8	41.6	
NuTech	7242	CM	45.9	96	24	2.2	1.0	33.8	18.1	48.2	43.1	44.3	47.9	
Dyna-Gro	36K26	CM	44.1	92	25	1.6	1.0	34.4	18.6	47.9	40.2	41.5	45.5	
Kruger	K-274RR/SCN	CM	43.9	92	27	1.5	1.1	32.8	18.6	48.8	40.0	40.1	46.2	
Kruger	K-247RR/SCN	CM	42.0	88	26	2.6	1.1	33.5	18.4	47.5	40.5	34.5	45.4	
<b>Experiment Mean</b>			<b>48.1</b>		<b>28</b>	<b>2.5</b>	<b>1.1</b>	<b>33.8</b>	<b>18.3</b>	<b>51.9</b>	<b>46.6</b>	<b>44.9</b>	<b>49.1</b>	
<b>Minimum Mean</b>			<b>42.0</b>		<b>24</b>	<b>1.2</b>	<b>1.0</b>	<b>31.9</b>	<b>16.6</b>	<b>47.5</b>	<b>40.0</b>	<b>34.5</b>	<b>39.2</b>	
<b>Maximum Mean</b>			<b>51.0</b>		<b>35</b>	<b>4.1</b>	<b>1.2</b>	<b>36.9</b>	<b>19.3</b>	<b>56.5</b>	<b>51.9</b>	<b>50.8</b>	<b>54.3</b>	
<b>LSD(0.25)</b>			<b>1.9</b>		<b>1</b>	<b>0.8</b>				<b>2.5</b>	<b>2.1</b>	<b>2.9</b>	<b>2.2</b>	
<b>Coefficient of Variability</b>			<b>5.6</b>							<b>5.8</b>	<b>5.6</b>	<b>7.9</b>	<b>5.6</b>	

**Table 15. Northeast district, 2008 district and single-location means. Non-SCN-resistant test, MG < 2.2.**

Brand	Entry	IST	District Means					Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Corwith	Manly	New Hampton	Maynard
NK Brand	S21-N6 Brand	CM	49.8	104	24	2.7	1.1	31.2	19.8	50.4	49.8	49.7	50.0
NuTech	6224	CM	49.7	104	28	2.5	1.0	34.3	17.7	53.6	48.6	49.3	47.2
NK Brand	S20-P3 Brand	CM	49.1	102	25	2.7	1.1	34.3	18.6	51.7	49.7	47.1	49.3
NuTech	NT-2220 RR	CM	49.1	102	28	3.0	1.1	33.6	17.8	52.1	46.8	49.5	48.5
NuTech	6211	CM	49.0	102	24	2.0	1.0	34.9	18.5	52.9	48.6	48.9	46.3
FS HiSOY	R08-20	CM	48.9	102	23	3.1	1.0	33.5	18.8	50.5	49.8	46.2	49.7
Kruger	KX1987R		48.4	101	24	2.0	1.0	34.1	18.6	50.3	50.4	46.5	45.8
Viking	2090RR	CM	48.1	100	24	1.6	1.0	33.5	18.9	53.0	48.6	45.8	45.0
NuTech	6193	CM	47.4	99	23	2.4	1.0	33.8	18.8	49.4	49.5	45.5	44.7
Renk	RS223RR	CM	46.4	97	25	1.2	1.0	32.5	19.0	49.0	44.6	43.8	48.4
NuTech	6212	CM	46.2	96	24	3.4	1.0	32.3	18.8	50.1	46.7	41.6	45.5
Kruger	K-194RR		46.0	96	25	1.1	1.0	32.4	18.6	51.1	44.9	44.1	44.5
Kaltenberg	KB203RR		45.5	95	25	1.5	1.0	32.5	19.3	49.7	41.8	44.6	46.5
<b>Experiment Mean</b>			<b>48.0</b>		<b>25</b>	<b>2.3</b>	<b>1.0</b>	<b>33.3</b>	<b>18.7</b>	<b>51.1</b>	<b>47.7</b>	<b>46.4</b>	<b>47.0</b>
<b>Minimum Mean</b>			<b>45.5</b>		<b>23</b>	<b>1.1</b>	<b>1.0</b>	<b>31.2</b>	<b>17.7</b>	<b>49.0</b>	<b>41.8</b>	<b>41.6</b>	<b>44.5</b>
<b>Maximum Mean</b>			<b>49.8</b>		<b>28</b>	<b>3.4</b>	<b>1.1</b>	<b>34.9</b>	<b>19.8</b>	<b>53.6</b>	<b>50.4</b>	<b>49.7</b>	<b>50.0</b>
<b>LSD(0.25)</b>			<b>1.5</b>		<b>1</b>	<b>0.8</b>				<b>2.4</b>	<b>2.1</b>	<b>2.6</b>	<b>2.2</b>
<b>Coefficient of Variability</b>			<b>5.2</b>							<b>5.8</b>	<b>5.5</b>	<b>6.9</b>	<b>5.4</b>

**Table 16. Northeast district, 2008 district and single-location means. Non-SCN-resistant test, MG 2.3-2.7.**

Brand	Entry	IST	District Means					Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Corwith	Manly	New Hampton	Maynard
Excel	8252RR		51.2	107	29	1.5	1.0	34.3	17.8	58.8	49.1	46.6	51.9
NuTech	6244	CM	50.0	104	28	1.4	1.1	35.1	17.6	53.6	49.5	49.0	47.4
NuTech	6242	CM	49.8	104	33	2.2	1.1	34.3	18.2	57.0	45.7	48.4	46.9
Trelay	2233	SK	49.4	103	27	1.5	1.0	35.1	18.3	56.7	46.3	45.7	49.6
Dairyland	DST25-002/RR		49.2	103	28	1.2	1.1	34.4	18.4	55.2	45.8	46.4	49.0
FS HiSOY	HS 23R71	CM	49.2	103	30	1.9	1.0	34.9	17.9	58.0	44.6	44.7	48.7
Latham	L2646R	TAG	48.8	102	32	2.5	1.1	33.1	17.9	53.7	47.2	45.4	48.2
Trisoy	2373RR	TAG	48.5	101	28	2.4	1.0	34.7	18.0	51.7	48.4	44.5	48.1
Kruger	K-239RR		47.8	100	28	2.7	1.1	35.1	17.9	52.4	45.3	45.0	49.1
NK Brand	S28-B4 Brand	CM	46.7	97	32	1.7	1.1	33.3	17.9	50.5	45.7	42.2	42.2
NK Brand	S24-J1 Brand	CM	46.6	97	26	1.7	1.0	35.0	18.2	50.7	45.5	45.3	45.4
Trelay	2214	SK	46.5	97	24	1.6	1.0	34.1	19.1	49.0	44.8	44.6	46.3
Renk	RS239RR	CM	46.5	97	26	1.6	1.0	34.2	17.9	52.1	42.3	47.3	43.4
Kruger	K-256RR		46.3	97	29	4.2	1.1	33.7	17.8	47.5	45.8	44.9	46.6
Renk	RS265RR	CM	46.2	96	28	2.2	1.1	35.1	18.2	54.7	41.6	42.9	45.8
Kruger	K-271RR		45.5	95	35	2.2	1.2	34.9	17.6	53.0	44.1	43.0	41.9
Asgrow	AG2403	CM	44.5	93	25	1.5	1.0	33.6	19.0	49.3	45.1	43.2	40.1
NuTech	NT-6234 RR	CM	43.4	91	25	2.2	1.0	32.8	19.0	49.7	41.0	38.4	46.3
<b>Experiment Mean</b>			<b>47.6</b>		<b>28</b>	<b>2.0</b>	<b>1.1</b>	<b>34.3</b>	<b>18.1</b>	<b>53.0</b>	<b>45.4</b>	<b>45.2</b>	<b>46.5</b>
<b>Minimum Mean</b>			<b>43.4</b>		<b>24</b>	<b>1.2</b>	<b>1.0</b>	<b>32.8</b>	<b>17.6</b>	<b>47.5</b>	<b>41.0</b>	<b>38.4</b>	<b>40.1</b>
<b>Maximum Mean</b>			<b>51.2</b>		<b>35</b>	<b>4.2</b>	<b>1.2</b>	<b>35.1</b>	<b>19.1</b>	<b>58.8</b>	<b>49.5</b>	<b>49.0</b>	<b>51.9</b>
<b>LSD(0.25)</b>			<b>1.9</b>		<b>1</b>	<b>0.8</b>				<b>2.5</b>	<b>2.1</b>	<b>2.9</b>	<b>2.2</b>
<b>Coefficient of Variability</b>			<b>5.6</b>							<b>5.8</b>	<b>5.6</b>	<b>7.9</b>	<b>5.6</b>

**Table 17. Central-west district, 2008 district and single-location means. SCN-resistant test, MG 2.3-2.7.**

Brand	Entry	IST	District Means					Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Missouri Valley	Lidderdale	Ames	Conrad
Trisoy	2782RR(CN)	TAG	56.4	116	32	2.2	1.4	32.5	19.4	63.3	45.4	60.2	
NuTech	NT-2777 RR/SCN	CM	56.2	115	31	2.1	1.4	32.9	19.2	62.3	47.6	58.7	
Dyna-Gro	33D27	CM	55.5	114	30	1.2	1.4	32.9	19.2	61.9	46.5	58.5	
AgSource	AG-2660 RR/SCN	CM	54.8	112	31	2.5	1.0	32.8	18.8	67.2	44.4	54.0	
Prairie Brand	PB-2636NRR	CM	54.2	111	30	1.7	1.4	33.0	19.4	63.4	45.0	54.9	
FS HiSOY	HS 2766	CM	54.2	111	31	2.0	1.3	33.1	19.2	63.2	44.9	54.7	
Kruger	K-279RR/SCN		54.2	111	30	1.5	1.4	32.7	19.3	64.2	44.6	53.9	
Merschman	Apache 925 RR	TAG	53.5	110	29	1.4	1.0	33.3	18.9	64.3	39.6	56.0	
Latham	E2680R		53.2	109	31	2.6	1.1	32.6	19.4	64.4	41.6	54.2	
FS HiSOY	R08-27	CM	52.3	107	35	1.9	1.2	32.6	18.7	64.8	39.9	52.5	
NuTech	NT-2660 RR/SCN	CM	52.1	107	33	1.9	1.1	32.9	18.9	65.8	35.8	54.7	
Prairie Brand	PB-2086XNRR	CM	51.5	106	30	2.2	1.1	33.2	18.9	64.7	37.7	52.5	
Prairie Brand	PB-2667NRR	CM	51.5	106	29	1.7	1.1	32.9	18.9	64.7	36.4	53.2	
Merschman	Shawnee 928 RR	TAG	51.5	105	33	2.2	1.2	33.3	18.6	62.6	37.7	54.7	
Prairie Brand	PB-2698NRR	CM	51.4	105	29	1.9	1.1	33.9	19.1	62.7	34.7	56.0	
Asgrow	DKB27-52	CM	51.4	105	32	2.2	1.1	33.0	19.1	65.1	36.0	52.8	
Latham	L2658R	TAG	51.3	105	31	1.9	1.0	32.7	19.1	64.9	36.7	51.6	
NuTech	7274	CM	51.1	105	28	2.2	1.1	33.7	18.9	63.3	38.6	51.1	
G2 Genetics (NuTech)	7255	CM	50.6	104	31	3.0	1.1	34.1	18.5	61.0	36.1	54.9	
FS HiSOY	R08-26	CM	50.0	102	29	2.2	1.1	33.6	18.7	65.4	32.2	52.8	
Four Star	2265RR	CM	49.6	102	29	1.6	1.1	33.2	19.0	63.1	34.0	51.2	
Asgrow	AG2406	CM	49.3	101	27	2.2	1.0	34.8	19.2	61.8	33.4	52.8	
Four Star	2251RR	CM	49.0	100	26	1.9	1.0	33.6	18.1	62.2	34.9	49.6	
G2 Genetics (NuTech)	7241	CM	48.7	100	25	2.9	1.1	34.5	18.8	57.8	37.6	50.5	
Kruger	K-248RR/SCN		48.6	100	30	2.7	1.1	33.6	19.6	60.5	36.8	48.4	
NuTech	NT-2324-RR/SCN	CM	48.4	99	26	3.1	1.0	33.5	19.4	63.9	31.0	50.5	
Asgrow	AG2606	CM	47.9	98	30	3.5	1.1	37.1	16.9	60.4	30.2	52.5	
Prairie Brand	PB-2558NRR	CM	47.6	98	26	2.4	1.1	35.4	18.3	60.8	28.8	52.8	
NuTech	7222	CM	47.0	96	25	2.1	1.1	33.1	19.5	63.4	24.8	52.5	
Kruger	K-251RR/SCN		46.4	95	28	2.0	1.1	34.3	17.9	61.5	27.3	49.4	
Four Star	2271RR	CM	46.0	94	36	1.7	1.1	33.4	19.0	63.4	21.0	53.7	
Excel	8236NRR		45.9	94	25	2.2	1.1	35.7	18.1	58.1	26.1	53.5	
Dyna-Gro	38G23	CM	45.9	94	26	2.4	1.0	33.2	19.5	62.7	26.4	48.2	
Trisoy	2575RR(CN)	TAG	45.6	94	29	1.4	1.0	34.0	18.0	60.9	29.2	46.8	
Excel	8240NRR		45.4	93	25	2.1	1.1	34.7	18.9	61.9	23.9	50.6	
Kruger	K-249RR/SCN		45.4	93	26	3.1	1.1	35.2	18.2	59.5	24.9	51.4	
NK Brand	S27-C4 Brand	CM	45.0	92	34	3.6	1.2	33.8	19.0	63.5	22.6	48.2	
Prairie Brand	PB-2897NRR	CM	44.9	92	33	2.6	1.3	33.9	18.8	65.5	19.7	48.8	
G2 Genetics (NuTech)	7226	CM	44.7	92	28	1.9	1.1	34.3	19.0	61.0	20.2	52.5	
AgSource	AG-7242	CM	44.0	90	25	1.7	1.0	34.0	18.6	58.3	23.6	49.8	
Four Star	2123RR	CM	43.9	90	25	2.4	1.0	35.7	18.2	61.2	23.2	46.9	
NuTech	7242	CM	43.8	90	25	2.2	1.1	33.9	18.8	57.3	23.5	50.4	

**Table 17. Central-west district, 2008 district and single-location means. SCN-resistant test, MG 2.3-2.7 (continued).**

Brand	Entry	IST	District Means					Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Missouri Valley	Lidderdale	Ames	Conrad
Kruger	K-274RR/SCN		43.6	89	28	1.5	1.1	33.4	19.2	54.8		29.0	47.8
Dyna-Gro	36K26	CM	42.3	87	24	1.6	1.0	34.0	18.7	60.6		20.2	46.1
Kruger	K-247RR/SCN		41.7	85	28	2.6	1.2	33.6	19.2	52.9		23.8	47.9
<b>Experiment Mean</b>			<b>49.1</b>		<b>29</b>	<b>2.2</b>	<b>1.1</b>	<b>33.7</b>	<b>18.8</b>	<b>62.1</b>		<b>32.8</b>	<b>52.1</b>
<b>Minimum Mean</b>			<b>41.7</b>		<b>24</b>	<b>1.2</b>	<b>1.0</b>	<b>32.5</b>	<b>16.9</b>	<b>52.9</b>		<b>19.7</b>	<b>46.1</b>
<b>Maximum Mean</b>			<b>56.4</b>		<b>36</b>	<b>3.9</b>	<b>1.4</b>	<b>37.1</b>	<b>19.6</b>	<b>67.2</b>		<b>47.6</b>	<b>60.2</b>
<b>LSD(0.25)</b>			<b>4.2</b>		<b>2</b>	<b>0.8</b>				<b>2.1</b>		<b>3.1</b>	<b>2.6</b>
<b>Coefficient of Variability</b>			<b>5.6</b>							<b>4.2</b>		<b>11.4</b>	<b>6.1</b>

**Table 18. Central-west district, 2008 district and single-location means. SCN-resistant test, MG 2.8-3.2.**

Brand	Entry	IST	District Means						Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Missouri Valley	Lidderdale	Ames	Conrad
Latham	E3158R		56.4	111	35	2.0	1.2	34.4	18.1	64.7	44.1	59.9	
AgSource	AG-7316	CM	54.6	108	36	2.2	1.2	35.1	18.3	63.1	45.2	56.0	
Asgrow	AG2802	CM	54.4	107	33	1.5	1.4	32.8	19.2	59.1	45.1	60.0	
Kruger	K-329RR/SCN		54.0	106	36	2.4	1.2	34.6	18.2	65.1	38.3	57.9	
Excel	8288NNRR		53.9	106	34	3.1	1.2	33.0	18.7	65.7	38.3	57.1	
Asgrow	AG2906	CM	53.6	106	35	2.4	1.2	33.9	18.9	62.4	44.5	55.3	
Four Star	2291RR	CM	53.6	105	35	2.1	1.3	34.9	18.3	63.1	39.4	58.6	
FS HiSOY	R08-31	CM	53.5	105	35	2.5	1.2	34.8	18.2	63.3	39.6	57.7	
Merschman	Jefferson 830 RR	TAG	53.4	105	36	2.5	1.1	33.7	19.1	62.6	39.8	58.8	
Dyna-Gro	37A31	CM	53.4	105	35	2.0	1.2	34.9	18.1	62.2	37.9	60.3	
NuTech	7316	CM	53.1	105	35	2.2	1.2	34.8	18.0	63.1	38.3	58.3	
Dyna-Gro	38B31	CM	52.8	104	36	2.4	1.1	33.7	19.2	63.1	36.5	59.6	
AgSource	AG-7296	CM	52.7	104	32	2.2	1.1	35.1	17.6	60.6	41.7	56.1	
Merschman	McKinley 933 RR	TAG	52.5	104	38	1.6	1.2	32.4	19.4	62.6	39.7	55.1	
Trisoy	2973RR(CN)	TAG	52.4	103	35	1.5	1.1	33.4	17.8	63.6	38.5	55.8	
Kruger	K-286RR/SCN		52.2	103	33	2.6	1.3	32.2	18.9	59.4	39.1	58.0	
Kruger	K-316RR/SCN		52.1	103	36	3.1	1.2	33.7	19.2	62.2	37.6	56.0	
AgSource	AG-7298	CM	52.1	103	35	2.1	1.2	33.6	18.5	62.4	44.8	52.1	
Asgrow	AG3205	CM	52.0	102	37	2.7	1.3	35.1	17.5	60.4	40.0	56.2	
Kruger	K-321RR/SCN/LINO		51.9	102	36	1.9	1.2	32.2	19.6	59.5	38.1	58.2	
NuTech	7296	CM	51.8	102	32	2.1	1.1	35.1	17.7	62.1	38.6	53.8	
NuTech	7297	CM	51.6	102	34	3.6	1.4	34.4	18.3	61.6	35.5	58.1	
NuTech	7324	CM	51.3	101	36	3.2	1.2	34.3	18.8	61.0	34.3	59.1	
Four Star	2325RR	CM	51.1	101	37	1.9	1.2	32.4	19.5	64.6	36.8	52.6	
Dyna-Gro	39R29	CM	50.9	100	36	1.2	1.2	33.5	17.8	62.4	35.3	54.4	
Trisoy	3073RR(CN)	TAG	50.7	100	37	2.7	1.1	33.2	19.2	62.3	32.6	57.0	
Kruger	K-297RR/SCN		50.2	99	34	1.6	1.1	33.9	17.8	63.0	31.1	56.1	
NK Brand	S32-E2 Brand	CM	50.1	99	36	3.9	1.4	32.5	19.3	63.1	31.1	56.1	
FS HiSOY	HS 28R72	CM	49.9	98	33	2.7	1.2	34.4	18.1	59.8	35.6	54.5	
Latham	E2985R		49.9	98	32	2.5	1.1	34.9	18.1	57.3	36.7	55.7	
G2 Genetics (NuTech)	7311	CM	49.5	98	35	2.7	1.3	33.0	19.5	59.1	36.8	53.3	
G2 Genetics (NuTech)	7291	CM	48.5	95	36	2.5	1.2	33.4	19.8	61.3	25.4	57.5	
FS HiSOY	HS 30R72	CM	48.1	95	34	2.2	1.1	33.7	17.7	65.2	23.1	55.9	
Four Star	2283RR	CM	47.6	94	33	3.7	1.3	33.7	18.8	61.7	24.0	56.9	
G2 Genetics (NuTech)	7288	CM	47.5	94	34	2.1	1.3	33.4	19.5	61.1	25.2	56.0	
NK Brand	S30-F5 Brand	CM	46.3	91	34	3.9	1.4	33.1	18.5	62.9	18.9	55.3	
Kruger	K-287RR/SCN		45.8	90	34	2.4	1.2	34.1	18.3	57.5	28.0	51.5	
FS HiSOY	HS 29R72	CM	43.5	86	34	2.7	1.5	33.4	19.2	65.8	13.8	49.4	
NuTech	7282	CM	42.2	83	34	2.7	1.2	33.3	19.3	61.6	14.2	47.9	
<b>Experiment Mean</b>			<b>51.1</b>		<b>35</b>	<b>2.5</b>	<b>1.2</b>	<b>33.8</b>	<b>18.6</b>	<b>62.1</b>	<b>35.0</b>	<b>56.1</b>	
<b>Minimum Mean</b>			<b>42.2</b>		<b>32</b>	<b>1.2</b>	<b>1.1</b>	<b>32.2</b>	<b>17.5</b>	<b>57.3</b>	<b>13.8</b>	<b>47.9</b>	
<b>Maximum Mean</b>			<b>56.4</b>		<b>38</b>	<b>3.9</b>	<b>1.5</b>	<b>35.1</b>	<b>19.8</b>	<b>65.8</b>	<b>45.2</b>	<b>60.3</b>	
<b>LSD(0.25)</b>			<b>4.2</b>		<b>2</b>	<b>0.8</b>			<b>2.4</b>	<b>4.7</b>	<b>3.4</b>	<b>2.2</b>	
<b>Coefficient of Variability</b>			<b>5.5</b>						<b>4.7</b>		<b>12.0</b>	<b>4.8</b>	

**Table 19. Central-west district, 2008 district and single-location means. Non-SCN-resistant test, MG 2.3-2.7.**

Brand	Entry	IST	District Means						Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Missouri Valley	Lidderdale	Ames	Conrad
			51.3	105	23	2.0	1.0	35.4	18.7				
NuTech	6211	CM	51.3	105	23	2.0	1.0	35.4	18.7	60.7	46.1	47.8	
NuTech	6224	CM	50.4	103	30	2.5	1.1	35.1	18.3	59.9	34.0	57.8	
Trisoy	2373RR	TAG	49.9	102	29	2.4	1.1	34.9	18.5	60.4	32.3	57.5	
NK Brand	S25-B9 Brand	CM	49.3	101	28	4.1	1.0	34.0	19.0	59.3	34.2	53.9	
Excel	8257RR		49.1	101	28	1.7	1.0	34.7	18.5	63.2	30.3	53.1	
NuTech	6269		48.0	98	32	2.5	1.1	33.1	19.5	58.9	31.0	54.2	
Kruger	K-256RR		48.0	98	27	4.2	1.1	34.9	17.9	61.7	30.1	51.9	
Asgrow	AG2403	CM	47.7	98	26	1.5	1.0	34.6	18.9	56.2	37.7	50.1	
NuTech	NT-2220 RR	CM	47.4	97	28	3.0	1.1	33.7	18.3	58.8	29.3	54.1	
Kruger	K-239RR		47.4	97	27	2.7	1.1	34.9	18.4	57.9	27.3	56.9	
Excel	8259RR		47.1	97	31	2.2	1.1	33.2	18.6	58.3	28.3	54.5	
Kruger	K-271RR		46.8	96	35	2.2	1.1	34.8	18.7	55.5	31.2	53.3	
Latham	L2740R		46.3	95	34	1.6	1.1	33.4	18.6	59.6	20.3	58.1	
NK Brand	S24-J1 Brand	CM	45.8	94	25	1.7	1.1	35.4	18.6	60.2	21.2	55.4	
NuTech	NT-6234 RR	CM	44.8	92	25	2.2	1.0	33.3	19.2	55.4	30.0	49.0	
<b>Experiment Mean</b>			<b>47.9</b>		<b>29</b>	<b>2.5</b>	<b>1.1</b>	<b>34.4</b>	<b>18.7</b>	<b>59.1</b>	<b>30.9</b>	<b>53.8</b>	
<b>Minimum Mean</b>			<b>44.8</b>		<b>23</b>	<b>1.5</b>	<b>1.0</b>	<b>33.1</b>	<b>17.9</b>	<b>55.4</b>	<b>20.3</b>	<b>47.8</b>	
<b>Maximum Mean</b>			<b>51.3</b>		<b>35</b>	<b>4.2</b>	<b>1.1</b>	<b>35.4</b>	<b>19.5</b>	<b>63.2</b>	<b>46.1</b>	<b>58.1</b>	
<b>LSD(0.25)</b>			<b>4.2</b>		<b>2</b>	<b>0.8</b>				<b>2.1</b>	<b>3.1</b>	<b>2.6</b>	
<b>Coefficient of Variability</b>			<b>5.6</b>							<b>4.2</b>	<b>11.4</b>	<b>6.1</b>	

**Table 20. Central-west district, 2008 district and single-location means. Non-SCN-resistant test, MG 2.8-3.2.**

Brand	Entry	IST	District Means						Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Missouri Valley	Lidderdale	Ames	Conrad
			53.3	105	31	2.1	1.2	34.5	18.5				
NuTech	NT-2707 RR	CM	53.3	105	31	2.1	1.2	34.5	18.5	59.7	42.0	57.8	
NK Brand	S28-B4 Brand	CM	50.3	99	34	1.7	1.1	32.9	18.5	57.9	34.1	59.1	
Latham	E2935R		48.7	96	35	2.1	1.2	33.3	19.6	57.2	34.2	54.7	
NuTech	NT-3101RR	CM	47.0	93	47	3.1	1.2	34.0	18.7		28.5	55.3	
Kruger	K-310RR/LINO		47.0	92	35	1.2	1.2	33.3	19.1	56.8	35.0	49.5	
NuTech	6281	CM	46.8	92	37	1.5	1.2	35.1	18.9	56.8	24.2	58.9	
<b>Experiment Mean</b>			<b>48.9</b>		<b>37</b>	<b>2.0</b>	<b>1.2</b>	<b>33.9</b>	<b>18.9</b>	<b>57.7</b>	<b>33.0</b>	<b>55.9</b>	
<b>Minimum Mean</b>			<b>46.8</b>		<b>31</b>	<b>1.2</b>	<b>1.1</b>	<b>32.9</b>	<b>18.5</b>	<b>56.8</b>	<b>24.2</b>	<b>49.5</b>	
<b>Maximum Mean</b>			<b>53.3</b>		<b>47</b>	<b>3.1</b>	<b>1.2</b>	<b>35.1</b>	<b>19.6</b>	<b>59.7</b>	<b>42.0</b>	<b>59.1</b>	
<b>LSD(0.25)</b>			<b>4.2</b>		<b>2</b>	<b>0.8</b>				<b>2.4</b>	<b>3.4</b>	<b>2.2</b>	
<b>Coefficient of Variability</b>			<b>5.5</b>							<b>4.7</b>	<b>12.0</b>	<b>4.8</b>	

**Table 21. Central-east district, 2008 district and single-location means. SCN-resistant test, MG 2.3-2.7.**

Brand	Entry	IST	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	District Means				Single-Location Yield				
							Lodging Score	Protein (%)	Oil (%)	Ames	Conrad	Walker	Clarence		
														Score	Score
Trisoy	2782RR(CN)	TAG	48.7	115	32	2.2	1.2	32.5	19.4	49.9	59.1	39.3	49.0		
NuTech	NT-2777 RR/SCN	CM	48.1	114	31	2.1	1.3	32.9	19.2	41.6	61.1	38.9	51.4		
Prairie Brand	PB-2636NRR	CM	47.6	112	30	1.7	1.3	33.0	19.4	44.6	57.4	35.9	53.0		
FS HiSOY	HS 2766	CM	47.3	112	31	2.0	1.4	33.1	19.2	48.7	59.4	34.9	47.9		
Kruger	K-275RR/SCN	CM	47.0	111	30	1.5	1.3	32.7	19.3	43.0	59.2	33.4	52.1		
Merschman	Apache 925 RR	TAG	46.9	111	29	1.4	1.1	33.3	18.9	43.6	56.9	38.7	49.9		
Dyna-Gro	33D27	CM	46.8	111	30	1.2	1.3	32.9	19.2	43.9	58.4	35.2	49.4		
G2 Genetics (NuTech)	7255	CM	46.5	110	31	3.0	1.1	34.1	18.5	41.0	55.1	40.7	49.0		
NuTech	7274	CM	46.4	109	28	2.2	1.0	33.7	18.9	36.5	57.4	40.2	51.0		
Latham	E2683R	CM	45.6	108	29	1.4	1.0	33.1	18.9	41.0	56.5	37.4	48.7		
Asgrow	DKB27-52	CM	45.5	107	32	2.2	1.1	33.0	19.1	41.6	56.9	36.3	47.1		
Prairie Brand	PB-2086XNRR	CM	45.3	107	30	2.2	1.1	33.2	18.9	38.8	57.0	34.8	50.1		
Prairie Brand	PB-2667NRR	CM	45.0	106	29	1.7	1.0	32.9	18.9	40.2	55.6	35.8	48.6		
AgSource	AG-2660 RR/SCN	CM	44.9	106	31	2.5	1.0	32.8	18.8	37.0	56.4	37.0	50.4		
Merschman	Shawnee 928 RR	TAG	44.3	105	33	2.2	1.1	33.3	18.6	36.6	53.9	35.5	52.3		
Kruger	K-248RR/SCN	CM	44.2	104	30	2.7	1.1	33.6	19.6	46.8	52.5	32.1	47.4		
Asgrow	AG2606	CM	44.2	104	30	3.5	1.1	37.1	16.9	34.8	53.5	38.2	49.7		
FS HiSOY	R08-27	CM	44.0	104	35	1.9	1.1	32.6	18.7	39.5	53.5	37.3	46.3		
NuTech	NT-2324+-RR/SCN	CM	43.9	104	26	3.1	1.0	33.5	19.4	35.8	54.6	36.4	49.2		
Prairie Brand	PB-2558NRR	CM	43.7	103	26	2.4	1.1	35.4	18.3	34.8	58.1	31.7	49.9		
Dairyland	DSR-2770/RR	CM	43.4	102	34	1.6	1.1	35.0	18.5	28.8	59.3	36.1	49.4		
NuTech	NT-2660 RR/SCN	CM	43.3	102	33	1.9	1.0	32.9	18.9	30.7	55.4	36.6	48.8		
Trisoy	2333RR(CN)	TAG	42.8	101	26	3.1	1.0	35.1	18.4	30.7	55.1	36.4	48.2		
Prairie Brand	PB-2698NRR	CM	42.6	101	29	1.9	1.0	33.9	19.1	33.8	53.5	35.3	48.2		
G2 Genetics (NuTech)	7241	CM	42.3	100	25	2.9	1.0	34.5	18.8	33.4	52.3	35.3	48.7		
Renk	RS277NRR	CM	42.3	100	34	2.4	1.1	33.7	18.8	24.6	58.6	36.9	47.2		
Trelay	2252	SK	42.2	100	27	3.2	1.0	35.1	18.5	31.6	55.4	31.4	49.6		
FS HiSOY	R08-26	CM	41.8	99	29	2.2	1.0	33.6	18.7	32.2	55.3	34.0	45.5		
NK Brand	S27-C4 Brand	CM	41.5	98	34	3.6	1.1	33.8	19.0	33.6	53.9	33.9	44.2		
Kruger	K-249RR/SCN	CM	41.0	97	26	3.9	1.0	35.2	18.2	32.4	55.6	29.9	45.9		
NuTech	7222	CM	40.9	96	25	2.1	1.0	33.1	19.5	26.6	53.4	38.0	45.3		
Renk	RS259NRR	CM	40.8	96	26	2.2	1.0	35.4	18.3	30.1	56.7	31.2	45.7		
G2 Genetics (NuTech)	7226	CM	40.8	96	28	1.9	1.1	34.3	19.0	25.5	53.9	38.6	44.4		
Renk	RS247NRR	CM	40.8	96	27	1.9	1.0	33.3	19.7	34.2	54.3	32.6	42.4		
Excel	8236NRR	CM	40.6	96	25	2.2	1.0	35.7	18.1	29.1	55.4	34.1	44.1		
Asgrow	AG2406	CM	39.6	93	27	2.2	1.0	34.8	19.2	28.2	51.3	31.9	47.8		
Excel	8240NRR	CM	39.2	92	25	2.1	1.0	34.7	18.9	25.1	53.5	31.0	46.8		
Kruger	K-251RR/SCN	CM	39.1	92	28	2.0	1.0	34.3	17.9	29.4	50.4	31.4	44.9		
NuTech	7242	CM	39.0	92	25	2.2	1.0	33.9	18.8	24.8	53.7	29.9	48.6		
Prairie Brand	PB-2897NRR	CM	38.0	90	33	2.6	1.3	33.9	18.8	18.5	51.3	37.5	43.8		
AgSource	AG-7242	CM	36.8	87	25	1.7	1.1	34.0	18.6	21.6	51.6	29.4	43.3		
Dyna-Gro	38G23	CM	36.4	86	26	2.4	1.0	33.2	19.5	24.6	50.0	30.9	39.6		

**Table 21. Central-east district, 2008 district and single-location means. SCN-resistant test, MG 2.3-2.7 (continued).**

Brand	Entry	IST	District Means						Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Ames	Conrad	Walker	Clarence	
Trisoy	2575RR(CN)	TAG	36.3	86	29	1.4	1.0	34.0	18.0	23.3	48.3	33.4	39.5	
Kruger	K-274RR/SCN		35.6	84	28	1.5	1.1	33.4	19.2	28.9	48.1	25.8	39.3	
Dyna-Gro	36K26	CM	35.4	83	24	1.6	1.0	34.0	18.7	24.2	50.7	26.7	39.4	
Kruger	K-247RR/SCN		35.1	83	28	2.6	1.1	33.6	19.2	26.4	48.0	26.2	40.8	
<b>Experiment Mean</b>			<b>42.5</b>		<b>29</b>	<b>2.2</b>	<b>1.1</b>	<b>33.9</b>	<b>18.8</b>	<b>33.7</b>	<b>54.7</b>	<b>34.4</b>	<b>47.0</b>	
<b>Minimum Mean</b>			<b>35.1</b>		<b>24</b>	<b>1.2</b>	<b>1.0</b>	<b>32.5</b>	<b>16.9</b>	<b>18.5</b>	<b>48.0</b>	<b>25.8</b>	<b>39.3</b>	
<b>Maximum Mean</b>			<b>48.7</b>		<b>35</b>	<b>3.9</b>	<b>1.4</b>	<b>37.1</b>	<b>19.7</b>	<b>49.9</b>	<b>61.1</b>	<b>40.7</b>	<b>53.0</b>	
<b>LSD(0.25)</b>			<b>2.8</b>		<b>2</b>	<b>0.8</b>				<b>3.6</b>	<b>2.1</b>	<b>1.9</b>	<b>2.9</b>	
<b>Coefficient of Variability</b>			<b>6.6</b>							<b>13.2</b>	<b>4.5</b>	<b>6.6</b>	<b>7.5</b>	

**Table 22. Central-east district, 2008 district and single-location means. SCN-resistant test, MIG 2.8-3.2.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Ames	Conrad	Walker	Clarence	
AgSource	AG-7298	CM	48.9	108	35	2.1	1.1	33.6	18.5	39.9	57.3	39.4	57.6	
Trelay	2311	SK	48.3	107	36	1.6	1.2	34.8	18.3	42.2	57.0	38.4	55.5	
Latham	L3178R	TAG	48.1	106	36	1.4	1.1	33.5	19.2	43.2	53.3	36.5	59.6	
NuTech	7297	CM	48.0	106	34	3.6	1.2	34.4	18.3	34.2	56.7	42.3	59.5	
Kruger	K-329RR/SCN		47.9	106	36	2.4	1.2	34.6	18.2	41.6	56.6	36.2	56.2	
Dyna-Gro	37A31	CM	47.9	106	35	2.0	1.2	34.9	18.1	42.7	56.1	36.0	56.3	
FS HiSOY	R08-31	CM	47.7	106	35	2.5	1.2	34.8	18.2	39.9	56.9	38.3	55.2	
NuTech	7316	CM	47.5	105	35	2.2	1.2	34.8	18.0	41.5	57.3	38.3	54.6	
Kruger	K-321RR/SCN/LINO		47.3	105	36	1.9	1.1	32.2	19.6	45.7	54.4	37.3	52.8	
AgSource	AG-7316	CM	47.2	105	36	2.2	1.2	35.1	18.3	36.9	58.9	37.9	56.0	
Asgrow	AG3205	CM	46.8	104	37	2.7	1.2	35.1	17.5	42.2	54.6	38.9	52.2	
Excel	8288NRR		46.5	103	34	3.1	1.1	33.0	18.7	39.3	53.4	38.0	55.2	
Asgrow	AG2906	CM	46.5	103	35	2.4	1.1	33.9	18.9	49.1	50.9	36.8	50.0	
Kruger	K-285RR/SCN		46.4	103	33	2.6	1.2	32.2	18.9	39.2	55.6	37.8	53.8	
Dairyland	DSR-3320/RRSTS		46.3	102	41	2.5	1.2	33.1	19.3	34.3	55.4	38.8	55.8	
Trisoy	3073RR(CN)	TAG	46.1	102	37	2.7	1.1	33.2	19.2	37.3	54.7	36.1	57.1	
AgSource	AG-7296	CM	46.0	102	32	2.2	1.0	35.1	17.6	42.7	52.6	35.6	53.9	
Dairyland	DSR-2929/RR		45.8	101	35	2.4	1.1	32.9	18.9	37.3	53.5	37.3	55.3	
NK Brand	S32-E2 Brand	CM	45.7	101	36	3.9	1.3	32.5	19.3	36.2	55.0	35.5	54.7	
FS HiSOY	HS 28R72	CM	45.4	100	33	2.7	1.1	34.4	18.1	40.4	53.2	34.0	53.6	
G2 Genetics (NuTech)	7311	CM	45.2	100	35	2.7	1.2	33.0	19.5	38.0	52.6	35.2	53.3	
Merschman	Jefferson 830 RR	TAG	45.2	100	36	2.5	1.1	33.7	19.1	37.6	54.0	35.0	54.3	
NuTech	7324	CM	45.1	100	36	3.2	1.2	34.3	18.8	33.2	54.0	39.8	53.8	
NuTech	7296	CM	45.1	100	32	2.1	1.0	35.1	17.7	39.8	52.5	35.1	54.4	
Merschman	McKinley 933 RR	TAG	44.6	99	38	1.6	1.1	32.4	19.4	35.8	53.1	36.2	54.2	
Trisoy	2973RR(CN)	TAG	44.1	98	35	1.5	1.1	33.4	17.8	32.1	55.5	36.1	53.0	
FS HiSOY	HS 30R72	CM	43.8	97	34	2.2	1.1	33.7	17.7	31.2	51.4	37.0	55.5	
Kruger	K-316RR/SCN		43.8	97	36	3.1	1.1	33.7	19.2	33.9	54.8	34.2	54.2	
Kruger	K-297RR/SCN		43.6	97	34	1.6	1.1	33.9	17.8	28.9	54.4	37.0	54.1	
Dyna-Gro	39R29	CM	43.5	96	36	1.2	1.1	33.5	17.8	30.3	54.9	35.8	53.4	
NK Brand	S30-F5 Brand	CM	43.5	96	34	3.9	1.2	33.1	18.5	23.7	56.6	40.4	53.0	
Dairyland	DSR-3130/RR		43.5	96	36	2.0	1.2	32.4	19.5	27.9	52.3	37.4	56.2	
Dyna-Gro	38B31	CM	43.4	96	36	2.4	1.1	33.7	19.2	38.6	56.4	29.4	49.6	
G2 Genetics (NuTech)	7288	CM	42.6	94	34	2.1	1.2	33.4	19.5	22.2	55.9	41.8	49.4	
G2 Genetics (NuTech)	7291	CM	41.7	92	36	2.5	1.1	33.4	19.8	25.9	53.6	35.6	51.5	
Kruger	K-287RR/SCN		38.8	86	34	2.4	1.1	34.1	18.3	27.7	50.7	28.2	49.5	
NuTech	7282	CM	38.7	86	34	2.7	1.3	33.3	19.3	17.0	46.5	39.7	49.9	
FS HiSOY	HS 29R72	CM	36.4	81	34	2.7	1.2	33.4	19.2	15.0	46.5	34.5	48.0	
<b>Experiment Mean</b>			<b>45.1</b>		<b>35</b>	<b>2.4</b>	<b>1.1</b>	<b>33.7</b>	<b>18.7</b>	<b>35.4</b>	<b>54.2</b>	<b>36.8</b>	<b>54.0</b>	
<b>Minimum Mean</b>			<b>36.4</b>		<b>32</b>	<b>1.2</b>	<b>1.0</b>	<b>32.2</b>	<b>17.5</b>	<b>15.0</b>	<b>46.5</b>	<b>28.2</b>	<b>48.0</b>	
<b>Maximum Mean</b>			<b>48.9</b>		<b>41</b>	<b>3.9</b>	<b>1.3</b>	<b>35.1</b>	<b>19.8</b>	<b>49.1</b>	<b>58.9</b>	<b>42.3</b>	<b>59.6</b>	
<b>LSD(0.25)</b>			<b>3.2</b>		<b>2</b>	<b>0.8</b>				<b>3.2</b>	<b>1.9</b>	<b>2.0</b>	<b>2.6</b>	
<b>Coefficient of Variability</b>			<b>5.5</b>							<b>10.9</b>	<b>4.3</b>	<b>6.6</b>	<b>5.9</b>	

**Table 23. Central-east district, 2008 district and single-location means. Non-SCN-resistant test, MG 2.3-2.7.**

Brand	Entry	IST	District Means					Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Ames	Conrad	Walker	Clarence
NuTech	6211	CM	46.4	110	23	2.0	1.0	35.4	18.7	44.8	56.0	39.3	45.9
Trisoy	2373RR	TAG	45.0	106	29	2.4	1.1	34.9	18.5	35.8	57.3	37.2	49.8
Trelay	2233	SK	44.5	105	26	1.5	1.1	34.9	18.7	33.1	56.5	38.5	49.0
NuTech	6224	CM	44.4	105	30	2.5	1.1	35.1	18.3	28.8	59.4	39.6	48.6
Kruger	K-271RR	CM	44.1	104	35	2.2	1.2	34.8	18.7	32.0	60.1	37.4	47.6
FS HiSOY	HS 23R71	CM	43.5	103	28	1.9	1.0	35.1	18.4	32.6	58.3	36.2	47.8
Renk	RS265RR	CM	42.8	101	28	2.2	1.1	34.7	18.5	40.0	56.0	29.8	45.6
Trelay	2277	SK	42.6	100	35	1.2	1.2	34.3	18.8	29.0	59.4	35.3	46.0
Kruger	K-239RR	CM	42.5	100	27	2.7	1.0	34.9	18.4	33.0	57.9	35.7	43.5
Excel	8257RR	CM	42.3	100	28	1.7	1.0	34.7	18.5	29.5	55.3	37.5	46.6
Excel	8259RR	CM	42.3	100	31	2.2	1.1	33.2	18.6	31.0	55.4	36.0	47.0
Excel	8273RR	CM	41.9	99	37	1.7	1.2	34.6	18.8	26.8	57.4	37.0	47.1
NK Brand	S25-B9 Brand	CM	41.6	98	28	4.1	1.0	34.0	19.0	35.1	54.9	32.9	43.7
NuTech	NT-2220 RR	CM	41.4	98	28	3.0	1.0	33.7	18.3	26.9	55.3	38.8	45.1
Dairyland	DSR-2600/RR	CM	40.0	94	31	2.1	1.1	33.6	18.4	27.3	53.4	35.3	44.5
Asgrow	AG2403	CM	39.9	94	26	1.5	1.0	34.6	18.9	34.5	50.8	32.0	42.5
NuTech	6269	CM	39.9	94	32	2.5	1.0	33.1	19.5	27.8	52.3	36.9	42.6
NK Brand	S24-J1 Brand	CM	39.8	94	25	1.7	1.0	35.4	18.6	25.5	56.9	31.8	45.6
Kruger	K-256RR	CM	39.2	93	27	4.2	1.1	34.9	17.9	26.6	53.0	34.4	42.2
NuTech	NT-6234 RR	CM	37.8	89	25	2.2	1.0	33.3	19.2	24.9	49.2	36.0	40.7
<b>Experiment Mean</b>			<b>42.1</b>		<b>29</b>	<b>2.3</b>	<b>1.1</b>	<b>34.5</b>	<b>18.6</b>	<b>31.2</b>	<b>55.7</b>	<b>35.9</b>	<b>45.6</b>
<b>Minimum Mean</b>			<b>37.8</b>		<b>23</b>	<b>1.2</b>	<b>1.0</b>	<b>33.1</b>	<b>17.9</b>	<b>24.9</b>	<b>49.2</b>	<b>29.8</b>	<b>40.7</b>
<b>Maximum Mean</b>			<b>46.4</b>		<b>37</b>	<b>4.2</b>	<b>1.2</b>	<b>35.4</b>	<b>19.5</b>	<b>44.8</b>	<b>60.1</b>	<b>39.6</b>	<b>49.8</b>
<b>LSD(0.25)</b>			<b>2.8</b>		<b>2</b>	<b>0.8</b>				<b>3.6</b>	<b>2.1</b>	<b>1.9</b>	<b>2.9</b>
<b>Coefficient of Variability</b>			<b>6.6</b>							<b>13.2</b>	<b>4.5</b>	<b>6.6</b>	<b>7.5</b>

**Table 24. Central-east district, 2008 district and single-location means. Non-SCN-resistant test, MG 2.8-3.2.**

Brand	Entry	IST	District Means					Single-Location Yield					
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Ames	Conrad	Walker	Clarence
NuTech	NT-2707 RR	CM	49.4	109	31	2.1	1.1	34.5	18.5	44.1	54.7	47.6	52.4
Latham	L2875R	TAG	47.2	104	34	2.1	1.1	33.0	18.8	33.1	56.7	39.9	57.4
NuTech	NT-3101RR	CM	46.3	103	47	3.1	1.2	34.0	18.7	34.3	55.2	38.7	57.3
NuTech	6281	CM	45.5	101	37	1.5	1.1	35.1	18.9	27.9	56.9	42.8	54.1
NK Brand	S28-B4 Brand	CM	44.1	98	34	1.7	1.1	32.9	18.5	29.5	58.1	35.7	53.0
Kruger	K-310RR/LINO	CM	41.8	93	35	1.2	1.1	33.3	19.1	35.8	47.9	34.0	50.9
<b>Experiment Mean</b>			<b>45.7</b>		<b>36</b>	<b>2.0</b>	<b>1.1</b>	<b>33.8</b>	<b>18.8</b>	<b>34.1</b>	<b>54.9</b>	<b>39.8</b>	<b>54.2</b>
<b>Minimum Mean</b>			<b>41.8</b>		<b>31</b>	<b>1.2</b>	<b>1.1</b>	<b>32.9</b>	<b>18.5</b>	<b>27.9</b>	<b>47.9</b>	<b>34.0</b>	<b>50.9</b>
<b>Maximum Mean</b>			<b>49.4</b>		<b>47</b>	<b>3.1</b>	<b>1.2</b>	<b>35.1</b>	<b>19.1</b>	<b>44.1</b>	<b>58.1</b>	<b>47.6</b>	<b>57.4</b>
<b>LSD(0.25)</b>			<b>3.2</b>		<b>2</b>	<b>0.8</b>				<b>3.2</b>	<b>1.9</b>	<b>2.0</b>	<b>2.6</b>
<b>Coefficient of Variability</b>			<b>5.5</b>							<b>10.9</b>	<b>4.3</b>	<b>6.6</b>	<b>5.9</b>

**Table 25. Southwest district, 2008 district and single-location means. MG 2.8-3.2.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Randolph	Lewis	Creston	Melrose	
			Yield	Yield	Date	Score	Score	Score	Score					
G2 Genetics (NuTech)	7311	CM	53.7	107	31	2.7	1.3	31.6	20.8	61.1	50.9	49.7		
Four Star	2325RR	CM	53.5	107	34	1.9	1.1	32.6	19.7	59.0	54.4	47.6		
NuTech	7316	CM	53.3	106	29	2.2	1.2	34.2	19.2	55.5	51.9	52.4		
NuTech	7297	CM	53.1	106	28	3.6	1.3	33.8	19.2	57.6	52.6	48.1		
Prairie Brand	PB-2907NRR	CM	53.1	106	29	1.6	1.1	33.6	18.6	58.4	50.1	50.2		
Dyna-Gro	37A31	CM	53.1	106	29	2.0	1.2	34.8	18.9	57.1	49.4	52.6		
Merschman	Jefferson 830 RR	TAG	53.0	106	29	2.5	1.2	33.1	20.2	60.7	48.9	48.3		
Asgrow	AG3205	CM	52.9	105	30	2.7	1.2	35.2	17.9	58.3	51.5	48.4		
Kruger	K-329RR/SCN	CM	52.8	105	28	2.4	1.2	34.5	18.9	57.5	49.5	50.8		
Dyna-Gro	39R29	CM	52.7	105	29	1.2	1.1	33.7	18.2	57.4	52.2	47.7		
Trisoy	3144RR(CN)	TAG	52.5	105	31	4.4	1.5	33.0	19.5	57.4	51.2	48.4		
Merschman	McKinley 933 RR	TAG	52.4	104	32	1.6	1.1	31.1	20.1	56.7	52.5	47.3		
Prairie Brand	PB-3137NRR	CM	51.8	103	29	1.4	1.2	34.2	19.1	52.7	49.9	52.1		
Prairie Brand	PB-2956NRR	CM	51.5	103	29	2.5	1.1	33.1	20.0	53.7	49.5	50.8		
Dyna-Gro	38B31	CM	51.5	103	29	2.4	1.3	33.1	20.3	57.2	49.4	49.1		
Lewis	3258	TX	51.4	102	29	2.1	1.1	31.7	20.1	56.2	50.1	48.1		
FS HiSOY	HS 30R72	CM	51.3	102	29	2.2	1.1	33.3	18.5	52.4	53.9	47.6		
Prairie Brand	PB-3058NRR	CM	51.1	102	28	2.9	1.3	33.4	19.2	56.1	49.0	48.3		
Four Star	2291RR	CM	51.0	102	30	2.1	1.2	34.1	18.9	54.6	48.4	50.2		
Asgrow	AG2906	CM	50.7	101	30	2.4	1.2	33.7	19.8	55.6	47.2	49.0		
NK Brand	* S28-B4 Brand	CM	50.7	101	25	1.7	1.3	32.4	19.6	54.6	48.4	49.9		
Trisoy	3073RR(CN)	TAG	50.4	100	29	2.7	1.1	32.5	20.9	53.4	48.1	48.7		
Asgrow	AG2802	CM	50.3	100	25	1.5	1.4	31.8	20.5	54.7	48.2	48.9		
Kruger	K-297RR/SCN	CM	50.3	100	28	1.6	1.2	32.9	18.4	55.4	49.8	46.5		
NuTech	7296	CM	50.0	100	28	2.1	1.3	33.4	19.2	55.7	46.4	46.9		
FS HiSOY	R08-31	CM	50.0	100	28	2.5	1.3	34.3	18.9	50.6	48.5	50.6		
Trisoy	2973RR(CN)	TAG	49.9	99	30	1.5	1.2	32.9	18.6	51.5	50.2	48.5		
FS HiSOY	HS 28R72	CM	49.8	99	28	2.7	1.5	33.2	19.2	60.2	41.9	47.6		
NuTech	7324	CM	49.5	99	29	3.2	1.4	34.0	20.0	55.8	44.7	47.9		
NK Brand	S32-E2 Brand	CM	49.4	98	29	3.9	1.4	31.9	20.3	51.1	47.6	48.7		
Four Star	2283RR	CM	49.3	98	27	3.7	1.3	34.1	19.1	53.8	49.9	44.4		
AgSource	AG-7316	CM	49.2	98	29	2.2	1.3	34.4	18.9	52.7	45.6	49.5		
Prairie Brand	PB-2897NRR	CM	49.2	98	26	2.6	1.2	32.5	20.1	54.0	47.8	46.2		
G2 Genetics (NuTech)	7288	CM	48.6	97	27	2.1	1.3	31.3	21.6	51.6	46.6	47.7		
Kruger	K-285RR/SCN	CM	48.6	97	27	2.6	1.2	32.3	20.0	53.3	48.7	47.7		
Prairie Brand	PB-2878XNRR	CM	48.5	97	28	2.7	1.3	32.2	19.8	55.2	45.2	44.9		
Kruger	K-316RR/SCN	CM	48.1	96	29	3.1	1.1	34.4	19.8	48.0	49.7	46.6		
Kruger	K-321RR/SCN/LINO	CM	48.0	96	31	1.9	1.2	31.6	20.6	50.0	47.1	47.0		
AgSource	AG-7296	CM	48.0	96	27	2.2	1.2	33.4	19.1	55.1	41.6	47.5		
NK Brand	S30-F5 Brand	CM	47.8	95	27	3.9	1.3	31.1	19.6	45.1	51.5	46.0		
Kruger	* K-310RR/LINO	CM	46.9	93	29	1.2	1.1	31.9	19.6	50.2	49.6	40.8		
G2 Genetics (NuTech)	7291	CM	46.0	92	27	2.5	1.3	32.4	20.6	44.7	47.0	47.3		

**Table 25. Southwest district, 2008 district and single-location means. MG 2.8-3.2 (continued).**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Randolph	Lewis	Creston	Melrose	
NuTech	7282	CM	45.7	91	26	2.7	1.5	32.6	20.3	49.4	46.2	41.2		
FS HISOY	HS 29R72	CM	44.2	88	27	2.7	1.4	32.9	20.3	47.7	41.2	43.3		
Kruger	K-287RR/SCN		43.9	87	25	2.4	1.6	33.7	19.9	48.6	39.8	43.0		
<b>Experiment Mean</b>			<b>50.2</b>		<b>29</b>	<b>2.4</b>	<b>1.3</b>	<b>33.1</b>	<b>19.6</b>	<b>54.2</b>	<b>48.5</b>	<b>47.8</b>		
<b>Minimum Mean</b>			<b>43.9</b>		<b>25</b>	<b>1.2</b>	<b>1.1</b>	<b>31.1</b>	<b>17.9</b>	<b>44.7</b>	<b>39.8</b>	<b>40.8</b>		
<b>Maximum Mean</b>			<b>53.7</b>		<b>35</b>	<b>4.4</b>	<b>1.6</b>	<b>35.2</b>	<b>21.6</b>	<b>61.1</b>	<b>54.4</b>	<b>52.6</b>		
<b>LSD(0.25)</b>			<b>2.6</b>		<b>1</b>	<b>0.8</b>		<b>0.8</b>		<b>3.3</b>	<b>3.7</b>	<b>2.0</b>		
<b>Coefficient of Variability</b>			<b>6.6</b>							<b>7.5</b>	<b>9.2</b>	<b>5.0</b>		

\* Indicates a non-SCN line

**Table 26. Southwest district, 2008 district and single-location means. MG 3.3-3.9.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Randolph	Lewis	Creston	Melrose	
			38	39	37	2.1	1.1	30.9	20.9					
Prairie Brand	PB-3796NRR	CM	57.1	111	38	2.4	1.1	32.8	20.1	66.4	57.6	48.6		
AgSource	AG-7399	CM	56.4	109	39	3.5	1.1	34.0	19.0	61.4	57.6	51.0		
AgSource	AG-3888 CN	CM	56.3	109	37	2.1	1.1	30.9	20.9	62.2	58.5	47.6		
NK Brand	S34-R2 Brand	CM	56.0	108	32	3.9	1.1	32.6	19.3	61.0	55.5	51.9		
NuTech	7399	CM	55.8	108	38	2.5	1.1	34.0	18.9	60.5	57.1	49.8		
NuTech	7386	CM	55.3	107	37	4.1	1.1	30.3	20.2	61.5	55.8	48.4		
NuTech	NT-3888 RR/SCN	CM	55.0	106	36	3.4	1.1	30.2	20.3	60.9	56.4	47.5		
NuTech	7354	CM	54.4	105	33	2.1	1.1	32.5	19.7	59.4	55.5	48.4		
Prairie Brand	PB-3997NRR	CM	54.4	105	39	2.2	1.1	34.0	18.8	58.2	55.2	49.9		
Asgrow	AG3705	CM	54.2	105	37	3.0	1.1	32.6	19.2	60.6	52.6	50.1		
Prairie Brand	PB-3436NRR	CM	54.0	104	35	3.0	1.1	31.7	19.4	62.3	53.7	46.8		
Trisoy	3977RR(CN)	TAG	53.8	104	38	3.7	1.0	33.5	18.7	58.3	55.7	48.0		
Kruger	K-384RR/SCN	CM	53.4	103	39	3.9	1.1	33.0	19.4	56.0	55.4	48.8		
Prairie Brand	PB-3598NRR	CM	53.2	103	35	2.1	1.1	32.4	19.7	59.6	54.5	45.4		
Trisoy	3463RR(CN)	TAG	53.0	103	36	3.4	1.1	31.7	19.5	59.9	54.0	45.4		
NK Brand	S37-F7 Brand	CM	52.8	102	39	2.9	1.3	31.9	19.2	56.2	52.9	49.9		
Merschman	Grant 935 RR	TAG	52.8	102	30	1.7	1.2	32.4	19.5	58.2	52.6	47.8		
Asgrow	AG3803	CM	52.6	102	37	3.1	1.2	33.8	19.5	56.5	53.4	48.5		
Prairie Brand	PB-3858NRR	CM	52.6	102	38	2.5	1.1	30.7	20.1	57.3	52.6	48.1		
G2 Genetics (NuTech)	7383	CM	52.5	101	38	2.6	1.4	32.5	20.4	55.5	54.5	47.2		
G2 Genetics (NuTech)	7333	CM	52.4	101	34	2.9	1.2	32.2	19.5	58.7	48.9	49.1		
NK Brand	S35-T9 Brand	CM	52.4	101	37	3.1	1.2	33.5	19.5	57.8	54.4	45.5		
Merschman	Madison 938 RR	TAG	52.3	101	39	3.9	1.2	30.5	20.4	57.8	51.5	47.6		
Merschman	Eisenhower 937 RR	TAG	52.3	101	38	4.2	1.1	30.7	20.4	55.6	52.4	49.5		
Asgrow	AG3402	CM	52.2	101	32	2.9	1.2	33.9	18.7	59.0	51.7	45.8		
FS HiSOY	HS 33R70	CM	52.1	101	30	3.4	1.1	34.1	18.5	54.5	55.0	46.3		
FS HiSOY	R08-35	CM	52.0	101	32	1.9	1.1	32.6	19.7	57.0	52.3	46.5		
Prairie Brand	PB-3637NRR	CM	51.8	100	36	3.5	1.2	31.6	19.5	55.2	52.6	47.3		
FS HiSOY	HS 3766	CM	51.7	100	37	2.4	1.1	32.4	20.3	57.3	52.2	45.2		
FS HiSOY	R08-38	CM	51.4	99	35	2.0	1.1	33.5	18.9	58.3	50.6	45.6		
Asgrow	AG3504	CM	51.3	99	34	1.9	1.2	33.8	19.0	56.8	52.6	44.4		
NuTech	7375	CM	51.3	99	36	2.7	1.2	33.9	18.7	55.2	53.9	44.3		
Dyna-Gro	38R33	CM	51.2	99	30	2.6	1.1	33.9	18.7	55.1	53.7	45.1		
NuTech	7345	CM	51.2	99	31	2.7	1.2	33.1	18.7	55.8	52.3	45.3		
FS HiSOY	HS 3846	CM	50.9	98	39	3.4	1.1	30.4	20.5	55.9	49.7	46.6		
Trisoy	3874RR(CN)	TAG	50.9	98	38	4.0	1.2	29.3	20.5	52.4	52.3	48.0		
Kruger	K-389RR/SCN	CM	50.8	98	37	4.6	1.1	29.8	20.5	56.9	51.1	44.7		
Kruger	K-341RR/SCN	CM	50.2	97	35	2.4	1.1	32.7	19.9	53.8	52.9	44.0		
Merschman	Kennedy 836 RR	TAG	50.1	97	36	2.4	1.1	31.4	19.8	53.6	50.9	46.3		
Trisoy	3675RR(CN)	TAG	49.7	96	36	3.7	1.1	32.7	19.1	55.7	50.9	42.3		
NK Brand	S39-A3 Brand	CM	49.4	96	39	2.6	1.7	31.0	19.6	49.9	51.3	47.0		
FS HiSOY	HS 3466	CM	49.1	95	35	3.2	1.1	31.9	19.4	55.5	48.0	43.1		
G2 Genetics (NuTech)	7391	CM	49.0	95	40	4.0	1.4	31.8	20.6	52.8	50.4	44.0		
Kruger	K-372RR/SCN	CM	48.9	95	36	4.2	1.1	30.8	20.0	52.4	46.3	47.4		
Dairyland	DSR-3675/RR	CM	48.8	94	35	3.2	1.1	31.5	19.4	51.3	49.3	45.8		

**Table 26. Southwest district, 2008 district and single-location means. MG 3.3-3.9 (continued).**

Brand	Entry	IST	District Means						Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Randolph	Lewis	Creston	Melrose
Dyna-Gro	37P37	CM	48.7	94	37	1.6	1.1	32.8	19.1	54.2	48.7	43.6	
Dairyland	DSR-3550/RR		48.6	94	36	2.4	1.2	32.9	19.9	51.8	47.9	46.1	
Lewis	3698	TX	48.6	94	36	2.1	1.2	32.0	19.4	50.1	49.3	46.0	
Excel	8380NRRSTS		48.5	94	36	4.2	1.2	32.7	19.2	49.3	49.5	45.0	
Dyna-Gro	37J34	CM	48.4	94	35	3.1	1.1	32.2	19.3	49.3	50.9	44.5	
Merschman	Monroe 735 RR	TAG	47.9	93	37	2.6	1.2	32.0	20.2	49.5	47.7	46.4	
Kruger	K-363RR/SCN		47.5	92	36	2.4	1.2	32.7	19.8	51.8	45.8	45.2	
Kruger	K-348RR/SCN		47.5	92	33	4.6	1.1	31.3	19.7	49.5	49.6	42.3	
Lewis	3599	TX	47.3	92	35	4.6	1.1	31.3	19.0	52.9	49.4	39.9	
<b>Experiment Mean</b>			<b>51.7</b>		<b>36</b>	<b>3.0</b>	<b>1.2</b>	<b>32.2</b>	<b>19.6</b>	<b>56.2</b>	<b>52.3</b>	<b>46.6</b>	
<b>Minimum Mean</b>			<b>47.3</b>		<b>30</b>	<b>1.6</b>	<b>1.0</b>	<b>29.3</b>	<b>18.5</b>	<b>49.3</b>	<b>45.8</b>	<b>39.9</b>	
<b>Maximum Mean</b>			<b>57.1</b>		<b>39</b>	<b>4.6</b>	<b>1.7</b>	<b>34.1</b>	<b>20.9</b>	<b>66.4</b>	<b>58.5</b>	<b>51.9</b>	
<b>LSD(0.25)</b>			<b>1.9</b>		<b>2</b>	<b>0.8</b>		<b>0.8</b>		<b>3.1</b>	<b>2.4</b>	<b>1.7</b>	
<b>Coefficient of Variability</b>			<b>5.2</b>					<b>0.8</b>		<b>6.6</b>	<b>5.5</b>	<b>4.5</b>	

**Table 27. Southeast district, 2008 district and single-location means. MG 2.8-3.2.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Creston	Melrose	Fairfield	Crawfordsville	
			53.6	110	29	2.0	1.1	34.8	18.9					
Dyna-Gro	37A31	CM	53.6	110	29	2.0	1.1	34.8	18.9	50.0	50.1	61.1		
NuTech	7316	CM	53.2	109	29	2.2	1.2	34.2	19.2	49.7	49.0	61.2		
Prairie Brand	PB-3137NRR	CM	52.3	107	29	1.4	1.1	34.2	19.1	49.8	47.1	59.9		
FS HiSOY	R08-31	CM	52.1	107	28	2.5	1.0	34.3	18.9	50.1	47.0	59.6		
AgSource	AG-7316	CM	51.7	106	29	2.2	1.0	34.4	18.9	50.4	45.6	58.9		
NuTech	7297	CM	51.4	105	28	3.6	1.1	33.8	19.2	49.4	43.8	60.9		
Prairie Brand	PB-2956NRR	CM	51.2	105	29	2.5	1.0	33.1	20.0	49.4	41.3	63.2		
Four Star	2291RR	CM	51.2	105	30	2.1	1.1	34.1	18.9	48.7	47.0	58.5		
Asgrow	AG2906	CM	51.0	104	30	2.4	1.0	33.7	19.8	49.0	46.9	57.2		
AgSource	AG-7296	CM	50.9	104	27	2.2	1.0	33.4	19.1	48.0	42.5	62.3		
Merschman	Jefferson 830 RR	TAG	50.8	104	29	2.5	1.0	33.1	20.2	46.7	45.8	59.9		
Lewis	3258	TX	50.7	104	29	2.1	1.0	31.7	20.1	49.1	41.6	60.9		
Kruger	K-329RR/SCN		50.5	103	28	2.4	1.1	34.5	18.9	48.7	44.8	57.6		
NK Brand	S32-E2 Brand	CM	50.5	103	29	3.9	1.3	31.9	20.3	48.4	47.0	56.4		
G2 Genetics (NuTech)	7288	CM	50.0	102	27	2.1	1.2	31.3	21.6	47.6	47.4	54.6		
NK Brand	* S28-B4 Brand	CM	49.8	102	25	1.7	1.0	32.4	19.6	46.6	43.2	59.1		
Prairie Brand	PB-2907NRR	CM	49.7	102	29	1.6	1.1	33.6	18.6	46.2	45.1	58.1		
NuTech	7296	CM	49.7	102	28	2.1	1.0	33.4	19.2	47.3	43.4	58.8		
Merschman	McKinley 933 RR	TAG	49.5	101	32	1.6	1.0	31.1	20.1	46.9	44.3	58.0		
Kruger	K-297RR/SCN		49.5	101	28	1.6	1.1	32.9	18.4	45.4	45.3	57.4		
Prairie Brand	PB-3058NRR	CM	49.4	101	28	2.9	1.1	33.4	19.2	47.3	44.6	55.8		
Dyna-Gro	38B31	CM	49.3	101	29	2.4	1.0	33.1	20.3	46.8	42.8	56.9		
NuTech	7324	CM	49.1	100	29	3.2	1.1	34.0	20.0	48.8	46.6	52.1		
Asgrow	AG3205	CM	49.1	100	30	2.7	1.1	35.2	17.9	48.0	41.8	57.4		
Kruger	K-316RR/SCN		49.1	100	29	3.1	1.0	34.4	19.8	46.7	43.1	57.6		
G2 Genetics (NuTech)	7291	CM	48.9	100	27	2.5	1.1	32.4	20.6	42.0	44.8	60.4		
Trisoy	3073RR(CN)	TAG	48.8	100	29	2.7	1.0	32.5	20.9	45.1	43.4	58.1		
Prairie Brand	PB-2878XNRR	CM	48.7	100	28	2.7	1.1	32.2	19.8	44.7	43.1	57.7		
FS HiSOY	HS 30R72	CM	48.1	98	29	2.2	1.1	33.3	18.5	45.9	40.5	57.8		
FS HiSOY	HS 28R72	CM	48.1	98	28	2.7	1.2	33.2	19.2	45.5	41.3	57.9		
Excel	8305NRR		48.1	98	28	3.6	1.1	34.7	18.2	47.6	43.4	53.0		
G2 Genetics (NuTech)	7311	CM	47.8	98	31	2.7	1.1	31.6	20.8	44.7	43.6	55.5		
NK Brand	S30-F5 Brand	CM	47.4	97	27	3.9	1.2	31.1	19.6	44.5	42.0	55.4		
Dairyland	DSR-3265/RR		47.1	96	31	2.5	1.3	32.9	20.2	44.1	39.2	56.8		
Dyna-Gro	39R29	CM	46.8	96	29	1.2	1.1	33.7	18.2	43.6	44.9	52.3		
Four Star	2283RR	CM	46.8	96	27	3.7	1.1	34.1	19.1	43.7	43.2	52.9		
Four Star	2325RR	CM	46.6	95	34	1.9	1.0	32.6	19.7	45.6	43.0	51.5		
Trisoy	3144RR(CN)	TAG	46.6	95	31	4.4	1.1	33.0	19.5	43.7	43.6	52.2		
Kruger	K-321RR/SCN/LINO		46.3	95	31	1.9	1.1	31.6	20.6	46.0	39.5	53.1		
Prairie Brand	PB-2897NRR	CM	46.2	94	26	2.6	1.3	32.5	20.1	44.9	44.9	49.2		
Kruger	K-285RR/SCN		46.0	94	27	2.6	1.1	32.3	20.0	39.0	43.5	55.5		
Kruger	* K-310RR/LINO		45.9	94	29	1.2	1.0	31.9	19.6	43.7	39.1	54.5		

**Table 27. Southeast district, 2008 district and single-location means. MG 2.8-3.2 (continued).**

Brand	Entry	IST	District Means						Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Creston	Melrose	Fairfield	Crawfordsville
NuTech	7282	CM	44.2	90	26	2.7	1.3	32.6	20.3	40.8	45.0	46.7	
Kruger	K-287RR/SCN		43.9	90	25	2.4	1.0	33.7	19.9	42.8	37.7	50.7	
FS HiSOY	HS 29R72	CM	43.4	89	27	2.7	1.2	32.9	20.3	41.9	39.7	48.8	
<b>Experiment Mean</b>			<b>48.9</b>		<b>28</b>	<b>2.5</b>	<b>1.1</b>	<b>33.1</b>	<b>19.6</b>	<b>46.3</b>	<b>43.8</b>	<b>56.6</b>	
<b>Minimum Mean</b>			<b>43.4</b>		<b>25</b>	<b>1.2</b>	<b>1.0</b>	<b>31.1</b>	<b>17.9</b>	<b>39.0</b>	<b>37.7</b>	<b>46.7</b>	
<b>Maximum Mean</b>			<b>53.6</b>		<b>33</b>	<b>4.4</b>	<b>1.3</b>	<b>35.2</b>	<b>21.6</b>	<b>50.4</b>	<b>50.1</b>	<b>63.2</b>	
<b>LSD(0.25)</b>			<b>2.2</b>		<b>1</b>	<b>0.8</b>		<b>0.8</b>		<b>1.9</b>	<b>2.9</b>	<b>2.4</b>	
<b>Coefficient of Variability</b>			<b>5.1</b>							<b>4.8</b>	<b>7.9</b>	<b>5.0</b>	

\* Indicates a non-SCN line

**Table 28. Southeast district, 2008 district and single-location means. MG 3.3-3.9.**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Creston	Melrose	Fairfield	Crawfordsville	
			39	38	38	38	38	38	38					38
AgSource	AG-7399	CM	52.2	107	39	3.5	1.1	34.0	19.0	50.5	49.2	57.4		
Prairie Brand	PB-3796NRR	CM	52.0	107	38	2.4	1.1	32.8	20.1	49.5	47.7	58.9		
NuTech	7399	CM	51.9	106	38	2.5	1.1	34.0	18.9	49.4	47.8	58.5		
NuTech	7354	CM	51.7	106	33	2.1	1.1	32.5	19.7	50.8	47.7	56.1		
Asgrow	AG3402	CM	51.5	106	32	2.9	1.2	33.9	18.7	47.5	49.4	57.6		
NK Brand	S34-R2 Brand	CM	51.3	105	32	3.9	1.0	32.6	19.3	52.0	47.2	55.2		
Trisoy	3977RR(CN)	TAG	51.2	105	38	3.7	1.1	33.5	18.7	47.9	47.2	58.5		
Asgrow	AG3803	CM	50.9	104	37	3.1	1.1	33.8	19.5	49.1	45.8	57.7		
Merschman	Eisenhower 937 RR	TAG	50.9	104	38	4.2	1.0	30.7	20.4	49.3	52.0	52.0		
Asgrow	AG3705	CM	50.9	104	37	3.0	1.0	32.6	19.2	49.8	45.5	57.0		
Prairie Brand	PB-3997NRR	CM	50.7	104	39	2.2	1.0	34.0	18.8	49.4	47.5	55.4		
Prairie Brand	PB-3858NRR	CM	50.7	104	38	2.5	1.1	30.7	20.1	50.7	47.9	53.3		
AgSource	AG-3888 CN	CM	50.5	103	37	2.1	1.1	30.9	20.9	49.9	48.2	53.7		
G2 Genetics (NuTech)	7333	CM	50.5	103	34	2.9	1.2	32.2	19.5	53.1	48.0	50.6		
FS HiSOY	HS 33R70	CM	50.4	103	30	3.4	1.0	34.1	18.5	47.3	47.5	56.1		
NuTech	7386	CM	49.9	102	37	4.1	1.0	30.3	20.2	49.9	46.1	53.5		
Merschman	Grant 935 RR	TAG	49.9	102	30	1.7	1.1	32.4	19.5	49.7	46.5	54.7		
NuTech	NT-3888 RR/SCN	CM	49.8	102	36	3.4	1.1	30.2	20.3	50.9	45.9	53.4		
Kruger	K-384RR/SCN		49.6	102	39	3.9	1.1	33.0	19.4	47.6	45.3	55.6		
FS HiSOY	R08-35	CM	49.3	101	32	1.9	1.0	32.6	19.7	49.8	42.4	55.4		
FS HiSOY	HS 3846	CM	49.3	101	39	3.4	1.1	30.4	20.5	48.9	46.4	53.0		
Asgrow	AG3504	CM	49.3	101	34	1.9	1.1	33.8	19.0	47.3	46.7	54.6		
Prairie Brand	PB-3436NRR	CM	49.3	101	35	3.0	1.0	31.7	19.4	45.7	46.5	56.1		
Prairie Brand	PB-3598NRR	CM	49.1	101	35	2.1	1.0	32.4	19.7	48.0	44.5	54.4		
NK Brand	S39-A3 Brand	CM	49.1	101	39	2.6	1.3	31.0	19.6	48.9	49.0	49.1		
NuTech	7375	CM	48.8	100	36	2.7	1.1	33.9	18.7	46.4	43.9	56.1		
Merschman	Madison 938 RR	TAG	48.8	100	39	3.9	1.1	30.5	20.4	49.4	47.1	50.8		
Dyna-Gro	38R33	CM	48.8	100	30	2.6	1.1	33.9	18.7	48.5	43.0	55.7		
Prairie Brand	PB-3637NRR	CM	48.5	99	36	3.5	1.1	31.6	19.5	48.0	45.2	51.8		
Excel	8380NRRSTS		48.5	99	36	4.2	1.2	32.7	19.2	47.0	45.1	52.9		
NK Brand	S37-F7 Brand	CM	48.4	99	39	2.9	1.2	31.9	19.2	48.7	45.9	50.9		
Kruger	K-348RR/SCN		48.4	99	33	4.6	1.0	31.3	19.7	44.7	46.1	54.3		
FS HiSOY	HS 3766	CM	48.4	99	37	2.4	1.0	32.4	20.3	45.8	44.3	55.8		
Trisoy	3675RR(CN)	TAG	48.3	99	36	3.7	1.0	32.7	19.1	45.0	42.3	58.4		
Kruger	K-389RR/SCN		48.1	99	37	4.6	1.0	29.8	20.5	47.5	44.6	52.1		
NuTech	7353	CM	48.1	98	37	2.6	1.2	32.1	19.8	48.4	46.0	49.1		
Dairyland	DSR-3550/RR		47.9	98	36	2.4	1.2	32.9	19.9	48.5	46.4	49.0		
G2 Genetics (NuTech)	7383	CM	47.7	98	38	2.6	1.3	32.5	20.4	51.4	41.3	50.5		
Kruger	K-333RR/SCN		47.7	98	32	2.4	1.1	32.8	20.3	45.2	44.3	52.3		
Dairyland	DSR-3675/RR		47.7	98	35	3.2	1.0	31.5	19.4	44.2	43.0	55.9		
Trisoy	3463RR(CN)	TAG	47.5	97	36	3.4	1.1	31.7	19.5	45.1	42.3	55.0		
Trisoy	3874RR(CN)	TAG	47.4	97	38	4.0	1.1	29.3	20.5	48.5	45.2	48.5		
Merschman	Kennedy 836 RR	TAG	47.3	97	36	2.4	1.1	31.4	19.8	48.1	42.9	51.3		
NK Brand	S35-T9 Brand	CM	47.3	97	37	3.1	1.3	33.5	19.5	48.9	42.8	50.3		
Lewis	3698	TX	47.2	97	36	2.1	1.1	32.0	19.4	47.7	42.6	50.5		

**Table 28. Southeast district, 2008 district and single-location means. MG 3.3-3.9 (continued).**

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Creston	Melrose	Fairfield	Crawfordsville	
FS HiSOY	R08-38	CM	47.1	97	35	2.0	1.0	33.5	18.9	44.9	44.7	44.7	51.1	
Dyna-Gro	37J34	CM	46.7	96	35	3.1	1.0	32.2	19.3	44.0	42.9	42.9	52.8	
Kruger	K-372RR/SCN		46.7	96	36	4.2	1.1	30.8	20.0	46.7	43.8	43.8	49.7	
Dyna-Gro	37P37	CM	46.2	95	37	1.6	1.1	32.8	19.1	45.8	42.2	42.2	50.8	
FS HiSOY	HS 3466	CM	45.9	94	35	3.2	1.0	31.9	19.4	44.7	39.0	39.0	54.1	
G2 Genetics (NuTech)	7391	CM	45.8	94	40	4.0	1.3	31.8	20.6	47.5	44.1	44.1	45.3	
Kruger	K-363RR/SCN		45.8	94	36	2.4	1.1	32.7	19.8	46.3	45.4	45.4	46.0	
Merschman	Monroe 735 RR	TAG	45.3	93	37	2.6	1.1	32.0	20.2	46.1	42.7	42.7	46.7	
Lewis	3599	TX	43.1	88	35	4.6	1.0	31.3	19.0	44.5	30.0	30.0	54.3	
<b>Experiment Mean</b>			<b>48.8</b>		<b>36</b>	<b>3.0</b>	<b>1.1</b>	<b>32.2</b>	<b>19.6</b>	<b>48.0</b>	<b>45.1</b>	<b>45.1</b>	<b>53.3</b>	
<b>Minimum Mean</b>			<b>43.1</b>		<b>30</b>	<b>1.6</b>	<b>1.0</b>	<b>29.3</b>	<b>18.5</b>	<b>44.0</b>	<b>30.0</b>	<b>30.0</b>	<b>45.3</b>	
<b>Maximum Mean</b>			<b>52.2</b>		<b>40</b>	<b>4.6</b>	<b>1.3</b>	<b>34.1</b>	<b>20.9</b>	<b>53.1</b>	<b>52.0</b>	<b>52.0</b>	<b>58.9</b>	
<b>LSD(0.25)</b>			<b>2.5</b>		<b>1</b>	<b>0.8</b>		<b>0.8</b>		<b>1.7</b>	<b>3.0</b>	<b>3.0</b>	<b>2.1</b>	
<b>Coefficient of Variability</b>			<b>5.0</b>					<b>0.8</b>		<b>4.2</b>	<b>8.0</b>	<b>8.0</b>	<b>4.8</b>	

**Table 29. Central region, 2008 conventional and specialty lines. MG 3.2 and earlier.**

Brand	Entry	IST	District Means						Single-Location Yield				
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Ames	Walker	Clarence	
Asoyia	+ * 3005	TAG	44.7	118		1.4	1.0	34.9	18.4			36.2	53.6
Public	+ * IA2079		43.9	116		2.7	1.0	35.5	18.7			37.0	52.0
Asoyia	+ * 2897	TAG	41.9	111		2.1	1.0	35.5	18.5			34.7	48.1
Public	+ * IA2094		41.4	109		3.0	1.0	35.9	18.7			33.5	49.1
Asoyia	+ * 2677	TAG	40.1	106		3.6	1.0	34.7	18.6			42.1	41.2
Dairyland	+ * DSR-20/RR-UL		39.5	104		2.2	1.0	35.4	19.4			35.4	44.2
Asoyia	+ * 2505	TAG	38.8	103		1.5	1.0	34.8	18.7			31.0	46.1
eMerge Genetics	+ * 2388		38.7	102		3.4	1.0	36.8	17.6			32.3	44.9
Public	+ * IA2083		38.4	102		1.2	1.1	34.4	19.5			30.3	46.2
Public	+ * IA2092		38.2	101		3.2	1.0	35.1	19.1			33.1	43.0
Public	+ * IA3027		37.8	100		1.6	1.1	37.3	17.6			33.9	41.6
Public	+ * IAR2001BSR		37.6	99		1.6	1.0	35.5	19.2			31.5	44.7
Public	+ * IA2077		37.5	99		2.9	1.0	35.8	17.7			30.0	45.6
Public	+ * IA2078		37.5	99		2.1	1.0	35.4	18.8			31.7	43.5
CGB	+ * 7809		37.4	99		3.2	1.0	35.5	19.2			32.8	41.7
CGB	+ * 7422		37.4	99		2.2	1.0	35.6	19.1			30.3	44.6
Asoyia	+ * 2525	TAG	37.1	98		2.1	1.0	34.5	18.6			30.7	42.6
eMerge Genetics	+ * 247F-HD	AM	36.9	97		1.9	1.0	38.7	17.3			29.4	45.1
Public	AR03-161009		36.4	96		2.5	1.0	34.2	19.2			30.6	42.6
eMerge Genetics	+ * XP26.TL	AM	36.4	96		2.7	1.0	35.6	18.1			29.4	43.3
Public	IA2068		36.3	96		2.2	1.0	34.1	19.2			31.1	41.1
Public	AR05-150139		35.4	94		2.4	1.0	35.1	19.3			31.0	40.0
eMerge Genetics	+ * 258F-HP	AM	35.4	94		1.2	1.0	40.0	17.3			30.2	40.2
Public	+ * IA2075		35.4	93		2.9	1.0	34.8	18.4			28.8	42.4
Dairyland	+ * DSR-22/STS-UL		35.3	93		1.9	1.0	34.5	18.8			31.0	40.6
eMerge Genetics	+ * 240F-Y	CM	35.1	93		2.4	1.0	37.8	17.8			28.5	41.6
CGB	7818		34.5	91		1.5	1.0	36.9	19.0			28.5	41.1
eMerge Genetics	+ * 248F-HP	AM	34.3	91		1.6	1.0	39.1	17.0			27.8	41.9
<b>Experiment Mean</b>			<b>37.8</b>			<b>2.3</b>	<b>1.0</b>	<b>35.8</b>	<b>18.5</b>			<b>31.9</b>	<b>44.0</b>
<b>Minimum Mean</b>			<b>34.3</b>			<b>1.2</b>	<b>1.0</b>	<b>34.1</b>	<b>17.0</b>			<b>27.8</b>	<b>40.0</b>
<b>Maximum Mean</b>			<b>44.7</b>			<b>3.6</b>	<b>1.1</b>	<b>40.0</b>	<b>19.5</b>			<b>42.1</b>	<b>53.6</b>
<b>LSD(0.25)</b>			<b>2.6</b>			<b>0.8</b>		<b>0.9</b>	<b>0.4</b>			<b>2.9</b>	<b>3.2</b>
<b>Coefficient of Variability</b>			<b>7.2</b>									<b>10.9</b>	<b>8.7</b>

+ Indicates a grain quality trait  
 \* Indicates a non-SCN line

**Table 30. Southern region, 2008 conventional and specialty lines. MG 2.8 and later.**

Brand	Entry	IST	District Means						Single-Location Yield			
			Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)	Creston	Melrose	Crawfordsville
Asoyia	+ * 2897	TAG	53.6	112	23	2.1	1.0	34.1	19.1	47.1		60.2
Public	+ * IA3041		52.6	110	36	2.7	1.2	33.5	18.1	47.9		57.6
Asoyia	+ * 3208	TAG	51.5	108	35	3.0	1.1	33.3	18.2	46.6		56.6
Public	+ * A05-312025		50.2	105	36	3.0	1.3	33.7	18.7	44.1		56.5
Asoyia	+ * 3005	TAG	49.2	103	28	1.4	1.2	31.2	20.1	46.5		52.1
eMerge Genetics	+ 348 TC	AM	48.9	103	35	3.7	1.1	32.8	19.6	42.7		55.3
Public	+ * IA3024		47.7	100	29	3.2	1.2	31.1	20.3	39.8		55.0
Public	+ * IA3027		46.9	98	27	1.6	1.3	36.6	18.0	41.9		52.1
eMerge Genetics	+ 388 TC	AM	46.5	98	34	3.0	1.1	33.4	19.3	44.5		48.5
Public	+ * IA3028		46.0	97	25	2.1	1.1	33.0	19.6	39.3		53.1
Public	+ * IA3025		45.9	96	27	1.2	1.0	32.6	19.8	42.0		49.4
Asoyia	+ 3517SCN		45.6	96	35	4.0	1.1	33.6	19.0	39.6		51.3
Public	+ * IA3023	TAG	45.4	95	30	1.1	1.4	30.9	20.6	43.0		47.7
Public	+ A95-684043BC		45.1	95	24	2.9	1.4	33.9	19.7	40.7		49.9
Asoyia	+ 3106SCN	TAG	44.5	93	26	1.5	1.2	33.0	19.5	35.3		53.4
Public	+ * IA3026		43.0	90	23	1.9	1.3	32.0	19.4	37.9		47.5
<b>Experiment Mean</b>			<b>47.7</b>		<b>30</b>	<b>2.4</b>	<b>1.2</b>	<b>33.0</b>	<b>19.3</b>	<b>42.4</b>		<b>52.9</b>
<b>Minimum Mean</b>			<b>43.0</b>		<b>23</b>	<b>1.1</b>	<b>1.0</b>	<b>30.9</b>	<b>18.0</b>	<b>35.3</b>		<b>47.5</b>
<b>Maximum Mean</b>			<b>53.6</b>		<b>36</b>	<b>4.0</b>	<b>1.4</b>	<b>36.6</b>	<b>20.6</b>	<b>47.9</b>		<b>60.2</b>
<b>LSD(0.25)</b>			<b>3.1</b>		<b>2</b>	<b>0.8</b>		<b>0.5</b>	<b>0.3</b>	<b>2.1</b>		<b>1.9</b>
<b>Coefficient of Variability</b>			<b>3.4</b>					<b>6.0</b>		<b>6.0</b>		<b>4.3</b>

+ Indicates a grain quality trait

\* Indicates a non-SCN line

**Table 31. Origin and descriptive data for entries tested in 2008.\***

Variety	IST	GQ	SCN	FC	HC	PC	BSR	Phyto Race			Variety	IST	GQ	SCN	FC	HC	PC	BSR	Phyto Race																					
								1	3	4									1	3	4																			
<b>AgSource</b>									<b>Dairyland</b>																															
<i>AgSource Seeds, Nevada, IA (www.nutechseed.com, 515.382.8880)</i>									<i>Dairyland Seed Co., Inc., West Bend, WI (www.dairylandseed.com, 800.236.0163)</i>																															
AG-2324+RR/SCN	CM		Y	-	BL	-	Y	-	-	-				P	BL	LT	Y	U	U	U	DSR-20/RR-UL		LoLin																	
AG-2660 RR/SCN	CM		Y	-	BL	-	Y	-	-	-				W	BL	LT	Y	U	U	U	DSR-22/STS-UL		LoLin																	
AG-3888 CN	CM		Y	-	BL	-	Y	-	-	-				Y	W	BL	LT	Y	S	S	S	DSR-2200/RR			Y	W	BL	LT	Y	S	S	S								
AG-7222	CM		Y	-	BL	-	Y	-	-	-				Y	W	BL	LT	Y	R	R	R	DSR-2300/RR			Y	W	BL	LT	Y	R	R	R								
AG-7242	CM		Y	-	BL	-	Y	-	-	-				M	BL	LT	Y	R	R	R	DSR-2600/RR				M	BL	LT	Y	R	R	R									
AG-7296	CM		Y	-	BL	-	Y	-	-	-				Y	W	BL	LT	Y	R	R	R	DSR-2770/RR			Y	W	BL	LT	Y	R	R	R								
AG-7298	CM		Y	-	BL	-	Y	-	-	-				Y	W	BL	LT	Y	R	R	R	DSR-2929/RR			Y	W	BL	LT	Y	R	R	R								
AG-7316	CM		Y	-	BL	-	Y	-	-	-				Y	W	BL	LT	U	R	R	R	DSR-3130/RR			Y	W	BL	LT	U	R	R	R								
AG-7399	CM		Y	-	BL	-	Y	-	-	-				Y	W	BL	LT	U	S	S	S	DSR-3265/RR			Y	W	BL	LT	U	S	S	S								
														Y	P	BL	LT	Y	S	S	S	DSR-3320/RRSTS			Y	P	BL	LT	Y	S	S	S								
														Y	W	BL	LT	Y	S	S	S	DSR-3550/RR			Y	W	BL	LT	Y	S	S	S								
														Y	P	BL	T	Y	S	S	S	DSR-3675/RR			Y	P	BL	T	Y	S	S	S								
														W	BL	LT	Y	S	S	S	DST25-002/RR				W	BL	LT	Y	S	S	S									
<b>Asgrow</b>									<b>Dyna-Gro</b>																															
<i>Monsanto, St. Louis, MO (www.monsanto.com, 800.768.6387)</i>									<i>Dyna-Gro Seed, Emmetsburg, IA (www.dyna-groseed.com, 507.327.8136)</i>																															
AG1802	CM		Y	P	IB	G	Y	R	R	R																														
AG2002	CM		Y	P	BL	T	Y	R	R	S																														
AG2108	CM		Y	P	IB	G	Y	S	S	S																														
AG2110	CM		Y	P	IB	G	Y	R	S	S																														
AG2403	CM			P	BL	T	Y	R	R	R																														
AG2406	CM		Y	P	BL	T	Y	R	R	S																														
AG2606	CM		Y	P	IB	G	Y	R	R	S																														
AG2802	CM		Y	P	IB	G	Y	R	R	R																														
AG2906	CM		Y	W	BL	LT	Y	S	S	S																														
AG3205	CM		Y	P	IB	G	Y	R	R	S																														
AG3402	CM		Y	P	BL	T	Y	R	R	R																														
AG3504	CM		Y	P	IB	G	Y	R	R	S																														
AG3705	CM		Y	P	BL	T	Y	R	R	S																														
AG3803	CM		Y	P	IB	G	Y	R	R	S																														
DKB27-52	CM		Y	W	BR	T	Y	R	R	S																														
<b>Asoyia</b>									<b>eMerge Genetics</b>																															
<i>Asoyia, Inc., Iowa City, IA (www.asoyia.com, 319.339.4645)</i>									<i>Schillinger Seed, Inc., West Des Moines, IA (www.schillingerseed.com, 515.225.1166)</i>																															
2505	TAG	LoLin			W	BL	LT	N	U	U	U																													
2525	TAG	LoLin			W	BL	T	N	U	U	U																													
2677	TAG	LoLin			P	BL	LT	N	U	U	U																													
2897	TAG	LoLin			P	BL	LT	N	U	U	U																													
3005	TAG	LoLin			P	IB	G	N	U	U	U																													
3106SCN	TAG	LoLin	Y		P	BL	G	N	U	U	U																													
3208	TAG	LoLin			P	BL	LT	N	U	U	U																													
3517SCN	TAG	LoLin	Y		P	BL	T	N	U	U	U																													
<b>CGB</b>									<b>2388</b>																															
<i>Consolidated Grain and Barge, Fayette, IA (www.cgb.com, 800.632.5952)</i>									<i>Schillinger Seed, Inc., West Des Moines, IA (www.schillingerseed.com, 515.225.1166)</i>																															
7422					W	BL	T	U	U	U	U																													
7809					P	BL	G	U	U	U	U																													
7818			Y		P	BL	G	U	U	U	U																													

**Table 31. Origin and descriptive data for entries tested in 2008\* (continued).**

Variety	IST	GQ	SCN	FC	HC	PC	BSR	Phyto Race			Variety	IST	GQ	SCN	FC	HC	PC	BSR	Phyto Race		
								1	3	4									1	3	4
<b>Excel</b>										<b>G2 Genetics (NuTech)</b>											
<i>Blackford-Osterman Seed, Dows, IA (515.852.4553)</i>										<i>G2 Genetics, Forest City, IA (www.nutechseed.com, 641.581.3350)</i>											
8236NRR			Y	P	BL	LT	N	R	R	R	7186	CM	Y	-	BL	-	Y	R	R	R	
8240NRR			Y	W	BL	T	N	U	U	U	7211	CM	Y	-	BL	-	Y	R	R	R	
<i>Excel Brand Seed, Camp Point, IL (800.969.6717)</i>										7226	CM	Y	-	BL	-	Y	R	R	R		
8216NRR			Y	P	BL	T	U	R	R	R	7241	CM	Y	-	BL	-	Y	R	R	R	
8252RR				W	BL	LT	U	S	S	S	7255	CM	Y	-	BL	-	Y	R	R	R	
8259RR				M	BL	LT	N	R	R	R	7288	CM	Y	-	BL	-	Y	R	R	R	
8273RR				W	BL	LT	Y	R	R	R	7291	CM	Y	-	BL	-	Y	R	R	R	
8288NRR			Y	W	BL	LT	Y	R	R	R	7311	CM	Y	-	BL	-	Y	R	R	R	
8305NRR			Y	P	BL	LT	U	R	R	R	7333	CM	Y	-	BL	-	Y	R	R	-	
8380NRRSTS			Y	W	BF	G	U	R	R	S	7383	CM	Y	-	BL	-	Y	R	R	R	
<i>Willenborg Seed Company, New Vienna, IA (563.875.8978)</i>										7391	CM	Y	-	BL	-	Y	R	R	R		
8257RR				W	BR	LT	N	U	U	U	<b>Kaltenberg</b>										
<i>Willenborg Seed Company, New Vienna, IA (563.875.8978)</i>										<i>Kaltenberg Seeds, Waunakee, WI (www.kaltenbergseeds.com, 800.383.3276)</i>											
<b>Four Star</b>										KB203RR				W	BF	LT	Y	-	-	-	
<i>Four Star Seed Company, Logan, IA (www.4starseed.com, 712.644.1400)</i>										KB226RR			Y	P	BL	G	Y	R	-	-	
2123RR	CM		Y	P	BL	G	Y	R	R	R	KB249RR			Y	W	BL	G	Y	-	-	
2251RR	CM		Y	P	BR	LT	U	R	R	R	<b>Kruger</b>										
2265RR	CM		Y	P	IB	G	U	R	R	R	<i>Kruger Seeds, Inc., Dike, IA (www.krugerseeds.com, 800.772.2721)</i>										
2271RR	CM		Y	W	BL	T	U	-	-	-	K-170RR/SCN			Y	P	BR	LT	U	S	S	S
2283RR	CM		Y	P	IB	G	U	R	R	R	K-189RR/SCN			Y	P	IB	G	U	R	R	R
2291RR	CM		Y	P	IB	G	U	R	R	R	K-194RR				W	BL	LT	U	R	R	R
2325RR	CM		Y	P	BL	LT	U	R	R	R	K-195+RR/SCN			Y	P	IB	G	U	R	R	R
<b>FS HiSOY</b>										K-201RR/SCN			Y	M	BL	T	U	R	R	S	
<i>Growmark, Inc., Bloomington, IL (www.fsseed.com, 309.557.6399)</i>										K-204RR/SCN			Y	P	IB	G	U	R	R	R	
HS 2166	CM		Y	M	BL	T	N	R	R	S	K-228RR/SCN			Y	P	M	G	U	R	R	R
HS 22R70	CM		Y	P	M	G	N	R	R	R	K-239RR				W	BL	LT	U	S	S	S
HS 23R71	CM			W	BL	LT	N	S	S	S	K-247RR/SCN			Y	P	IB	LT	U	R	S	S
HS 2766	CM		Y	P	IB	G	N	R	R	R	K-248RR/SCN			Y	P	BR	LT	U	S	S	S
HS 28R72	CM		Y	W	BR	LT	N	R	R	S	K-249RR/SCN			Y	W	BL	LT	U	S	S	S
HS 29R72	CM		Y	P	IB	G	N	R	R	S	K-251RR/SCN			Y	P	BR	LT	U	R	R	R
HS 30R72	CM		Y	P	BR	LT	N	R	R	R	K-256RR				W	BL	LT	U	R	R	R
HS 33R70	CM		Y	P	IB	G	N	R	R	S	K-271RR				W	BL	LT	U	R	R	R
HS 3466	CM		Y	P	BL	T	N	R	R	S	K-274RR/SCN			Y	W	BF	LT	U	S	S	S
HS 3766	CM		Y	P	IB	G	N	S	S	S	K-275RR/SCN			Y	P	IB	LT	U	R	R	R
HS 3846	CM		Y	W	BF	G	N	R	R	S	K-285RR/SCN			Y	P	BL	LT	U	R	S	S
R08-20	CM			P	BR	LT	N	R	R	S	K-287RR/SCN			Y	W	BL	LT	U	R	R	S
R08-26	CM		Y	P	M	G	N	R	R	R	K-297RR/SCN			Y	P	BR	LT	U	R	R	R
R08-27	CM		Y	W	BL	LT	N	R	R	R	K-310RR/LINO	V			P	BL	T	U	R	R	S
R08-31	CM		Y	P	IB	G	N	R	R	S	K-316RR/SCN			Y	W	BF	LT	U	S	S	S
R08-35	CM		Y	W	BF	G	N	R	R	S	K-321RR/SCN/LINO	V		Y	W	BF	LT	U	S	S	S
R08-38	CM		Y	P	IB	G	N	S	S	S	K-329RR/SCN			Y	P	IB	LT	U	R	R	S
											K-333RR/SCN			Y	W	BL	LT	U	R	R	R
											K-341RR/SCN			Y	P	IB	LT	U	R	R	R
											K-348RR/SCN			Y	P	BL	LT	U	R	R	S
											K-363RR/SCN			Y	P	BL	LT	U	S	S	S
											K-372RR/SCN			Y	P	BF	LT	U	S	S	S
											K-384RR/SCN			Y	W	BF	LT	U	R	R	S
											K-389RR/SCN			Y	W	BF	LT	U	R	R	S
											KX1987R				-	-	LT	U	-	-	-

**Table 31. Origin and descriptive data for entries tested in 2008\* (continued).**

Variety	IST	GQ	SCN	FC	HC	PC	BSR	Phyto Race			Variety	IST	GQ	SCN	FC	HC	PC	BSR	Phyto Race		
								1	3	4									1	3	4
<b>Latham</b>									<b>Nu Tech</b>												
<i>Latham Seed Company, Alexander, IA (www.lathamseeds.com, 800.798.3258)</i>									<i>NuTech Seed, Forest City, IA (www.nutechseed.com, 641.581.3350)</i>												
E1958R			Y	P	BR	LT	U	R	R	S	6193		CM	-	BL	-	Y	-	-	-	
E2083R			Y	P	IB	G	U	R	R	R	6211		CM	-	BL	-	Y	-	-	-	
E2303R					W	BL	LT	Y	S	S	6212		CM	-	BL	-	Y	-	-	-	
E2680R			Y	W	BL	T	U	S	S	S	6224		CM	-	BL	-	Y	-	-	-	
E2683R			Y	P	IB	G	U	R	R	R	6234		CM	-	BL	-	Y	-	-	-	
E2935R					P	IB	G	Y	R	R	6242		CM	-	BL	-	Y	-	-	-	
E2985R			Y	W	BF	G	N	R	R	S	6244		CM	-	BL	-	Y	-	-	-	
E3158R			Y	P	IB	G	U	R	R	S	6269			-	-	-	-	-	-	-	
L2085R	TAG		Y	M	BL	T	U	R	R	S	6281		CM	-	BL	-	Y	-	-	-	
L2285R	TAG		Y	P	M	G	N	R	R	R	7201		CM	Y	-	BL	-	Y	-	-	
L2348R	TAG		Y	P	BF	G	Y	R	R	R	7203		CM	Y	-	BL	-	Y	-	-	
L2646R	TAG				M	BL	LT	Y	R	R	7216		CM	Y	-	BL	-	Y	-	-	
L2658R	TAG		Y	W	BR	T	Y	R	R	S	7222		CM	Y	-	BL	-	Y	-	-	
L2740R					W	BL	LT	Y	S	S	7242		CM	Y	-	BL	-	Y	-	-	
L2875R	TAG				W	BL	LT	Y	R	R	7251		CM	Y	-	BL	-	Y	-	-	
L3178R	TAG		Y	W	BF	G	N	R	R	S	7274		CM	Y	-	BL	-	Y	-	-	
											7275		CM	Y	-	BL	-	Y	-	-	
											7282		CM	Y	-	BL	-	Y	-	-	
											7296		CM	Y	-	BL	-	Y	-	-	
											7297		CM	Y	-	BL	-	Y	-	-	
											7316		CM	Y	-	BL	-	Y	-	-	
3258	TX		Y	W	BF	G	Y	S	R	S	7324		CM	Y	-	BL	-	Y	-	-	
3599	TX		Y	P	BL	T	Y	S	R	S	7345		CM	Y	-	BL	-	Y	-	-	
3698	TX		Y	P	BF	G	Y	S	R	S	7353		CM	Y	-	BL	-	Y	-	-	
											7354		CM	Y	-	BL	-	Y	-	-	
											7375		CM	Y	-	BL	-	Y	-	-	
											7386		CM	Y	-	BL	-	Y	-	-	
											7399		CM	Y	-	BL	-	Y	-	-	
											NT-1808 RR/SCN		CM	Y	-	BL	-	Y	-	-	
											NT-2220 RR		CM	-	BL	-	Y	-	-		
											NT-2324+RR/SCN		CM	Y	-	BL	-	Y	-	-	
											NT-2660 RR/SCN		CM	Y	-	BL	-	Y	-	-	
											NT-2707 RR		CM	-	BL	-	Y	-	-		
											NT-2777 RR/SCN		CM	Y	-	BL	-	Y	-	-	
											NT-3101RR		CM	-	BL	-	Y	-	-		
											NT-3888 RR/SCN		CM	Y	-	BL	-	Y	-	-	
											NT-6234 RR		CM	-	BL	-	Y	-	-		
											NT-7193 RR/SCN		CM	Y	-	BL	-	Y	-	-	
<b>NK Brand</b>									<b>Pioneer</b>												
<i>Syngenta Seeds, Golden Valley, MN (www.syngenta.com, 763.593.7231)</i>									<i>Pioneer Hi-Bred, Int'l., Johnston, IA (www.pioneer.com)</i>												
S18-Y3 Brand	CM			W	BR	LT	N	R	R	R	92M53		Y	-	-	-	-	-	-		
S20-P3 Brand	CM			W	BR	LT	N	R	R	R											
S21-N6 Brand	CM			P	BR	LT	N	R	R	R											
S24-J1 Brand	CM			W	BR	LT	N	R	R	R											
S25-B9 Brand	CM			W	BL	LT	N	R	S	S											
S27-C4 Brand	CM		Y	P	BL	LT	N	R	R	R											
S28-B4 Brand	CM			W	BR	LT	N	R	R	R											
S30-F5 Brand	CM		Y	W	BL	LT	N	R	S	S											
S32-E2 Brand	CM		Y	W	BR	LT	N	R	S	S											
S34-R2 Brand	CM		Y	P	BL	LT	N	R	S	S											
S35-T9 Brand	CM		Y	W	BL	LT	N	S	S	S											
S37-F7 Brand	CM		Y	W	BL	LT	N	S	S	S											
S39-A3 Brand	CM		Y	W	BL	LT	N	S	S	S											

**Table 31. Origin and descriptive data for entries tested in 2008\* (continued).**

Variety	IST	GQ	SCN	FC	HC	PC	BSR	Phyto Race			Variety	IST	GQ	SCN	FC	HC	PC	BSR	Phyto Race		
								1	3	4									1	3	4
<b>Prairie Brand</b>										<b>Renk</b>											
<i>Prairie Brand Seed Company, Story City, IA (www.prairiebrandseed.com, 515.733.2101)</i>										<i>Renk Seed, Sun Prairie, WI (www.renkseed.com, 800.BUY.RENK)</i>											
PB-1958NRR	CM		Y	P	BL	T	Y	R	R	S	RS204NRR	CM		Y	P	IB	G	Y	R	R	R
PB-2007NRR	CM		Y	P	BL	G	Y	R	R	S	RS223RR	CM			W	BR	T	Y	R	R	R
PB-2056NRR	CM		Y	M	BL	T	Y	R	R	S	RS239RR	CM			W	BL	LT	Y	R	R	R
PB-2058NRR	CM		Y	P	BL	G	Y	R	R	R	RS247NRR	CM		Y	W	BR	G	Y	R	R	S
PB-2086XNRR	CM		Y	W	BL	T	Y	U	U	U	RS259NRR	CM		Y	W	BL	LT	Y	S	S	S
PB-2117NRR	CM		Y	P	BL	G	Y	U	U	U	RS265RR	CM			P	IB	G	Y	R	R	S
PB-2207NRR	CM		Y	P	BL	G	Y	R	R	R	RS277NRR	CM		Y	W	BL	LT	Y	S	S	S
PB-2347NRR	CM		Y	P	BL	G	Y	R	R	R	<b>Trelay</b>										
PB-2558NRR	CM		Y	W	BL	T	Y	U	U	U	<i>Trelay Seeds, Livingston, WI (www.trelay.com, 800.421.0397)</i>										
PB-2636NRR	CM		Y	P	BL	G	Y	R	R	R	2203	SK		Y	P	BL	G	-	-	-	-
PB-2667NRR	CM		Y	W	BL	T	Y	R	R	S	2214	SK			W	BF	G	-	-	-	-
PB-2698NRR	CM		Y	P	BL	G	Y	R	R	R	2233	SK			W	BL	LT	-	-	-	-
PB-2878XNRR	CM		Y	W	BL	T	Y	U	U	U	2252	SK		Y	W	BL	LT	-	-	-	-
PB-2897NRR	CM		Y	P	BL	G	Y	R	R	S	2277	SK			W	BL	LT	-	-	-	-
PB-2907NRR	CM		Y	P	BL	T	Y	R	R	R	2311	SK		Y	P	IB	G	-	-	-	-
PB-2956NRR	CM		Y	W	BL	G	Y	U	U	U	<b>Trisoy</b>										
PB-3058NRR	CM		Y	W	BL	G	Y	R	R	S	<i>Trisler Seeds, Inc., Fairmount, IL (www.trisler.com, 217.288.9301)</i>										
PB-3137NRR	CM		Y	P	BL	G	Y	R	R	S	1877RR(CN)	TAG		Y	P	IB	G	N	S	R	S
PB-3436NRR	CM		Y	P	BL	T	Y	R	R	R	2070RR(CN)	TAG		Y	P	IB	G	N	S	U	S
PB-3598NRR	CM		Y	W	BL	G	Y	R	R	S	2333RR(CN)	TAG		Y	P	BL	LT	N	S	R	S
PB-3637NRR	CM		Y	W	BL	G	Y	R	R	S	2373RR	TAG			W	BL	LT	N	S	S	S
PB-3796NRR	CM		Y	P	BL	G	Y	U	U	U	2575RR(CN)	TAG		Y	P	BR	LT	N	S	R	S
PB-3858NRR	CM		Y	W	BL	G	Y	R	R	S	2782RR(CN)	TAG		Y	P	IB	G	N	S	R	S
PB-3997NRR	CM		Y	P	BL	T	Y	R	R	S	2973RR(CN)	TAG		Y	P	BR	LT	N	S	R	S
<b>Premier</b>										3073RR(CN)	TAG		Y	W	BF	G	N	S	R	S	
<i>Prairie Brand Seed Company, Story City, IA (www.prairiebrandseed.com, 515.733.2101)</i>										3144RR(CN)	TAG		Y	P	IB	G	N	S	R	S	
2082NRR	CM		Y	P	IB	G	-	R	R	R	3463RR(CN)	TAG		Y	P	BL	T	N	S	R	S
2297NRR	CM		Y	P	IB	G	U	R	R	R	3675RR(CN)	TAG		Y	P	BL	T	N	S	R	S
<b>Public</b>										3874RR(CN)	TAG		Y	W	BF	G	N	S	R	S	
<i>Iowa State University, Committee for Agricultural Development, Ames, IA (www.ag.iastate.edu/centers/cad, 515.292.3497)</i>										3977RR(CN)	TAG		Y	P	BL	T	N	S	R	S	
A05-312025					P	Y	LT	N	S	S	S	<b>Viking</b>									
A95-684043BC			Y	P	BL	T	N	R	R	R	<i>Albert Lea Seed, Albert Lea, MN (www.alseed.com, 800.353.5247)</i>										
AR03-161009			Y	P	BR	T	N	-	-	-	1908CNRR	CM		Y	P	IB	G	N	R	R	R
AR05-150139			Y	P	BF	G	N	-	-	-	2090RR	CM			P	BR	T	N	S	S	S
IA2068			Y	W	Y	G	N	S	S	S	2198NRR	CM		Y	P	BF	G	Y	S	S	S
IA2075	LoSat			P	BL	T	N	S	S	S	2238NRR	CM		Y	P	BF	G	N	R	R	R
IA2077	LoLin			P	BL	LT	N	S	S	S	2369CNRR	CM		Y	P	BR	T	N	S	S	S
IA2078	LoLin			W	BL	T	N	S	S	S											
IA2079	LoLin			P	BL	LT	N	S	S	S											
IA2092	LoSat			W	BL	LT	N	S	S	S											
IA2093				P	Y	T	N	S	S	S											
IA2094				P	Y	T	N	S	S	S											
IA3023				P	BL	LT	N	S	S	S											
IA3024	LoLin			P	IB	G	N	S	S	S											
IA3025	LoLin			P	IB	G	N	S	S	S											
IA3026	LoSat			W	BL	T	N	S	S	S											
IA3027				W	Y	G	N	S	S	S											
IA3028	LoLin			P	BL	T	N	S	S	S											
IA3041	LoLin			P	BL	LT	N	S	S	S											
IAR2001BSR				W	BR	T	Y	-	-	-											

**Table 31. Origin and descriptive data for entries tested in 2008.\***

**Footnotes**

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<b>*IST</b>	<b>Insecticidal seed treatment</b>
<b>AM</b>	ApronMaxx
<b>CM</b>	CruiserMaxx
<b>SK</b>	SuperKote
<b>TAG</b>	Trilex/Allegiance/Gaucho
<b>TX</b>	Trilex AL
<b>GQ</b>	<b>Grain quality trait</b>
<b>HiDig</b>	High digestibility
<b>LoLin</b>	Low linolenic acid
<b>LoSat</b>	Low saturated acids
<b>V</b>	Vistive®
<b>SCN</b>	“Y” indicates the variety was submitted as having some level of resistance to soybean cyst nematode (SCN)
<b>FC</b>	Flower color (P = purple, W = white, M = mixture)
<b>HC</b>	Hilum color (BL = black, BR = brown, BF = buff, Y = yellow, G = gray, IB = imperfect black)
<b>PC</b>	Pubescence color (T = tawny, G = gray, LT = light tan, M = mixture)
<b>BSR</b>	Indicates if entry has any known resistance to brown stem rot
<b>Phyto Race 1, 3, 4</b>	Indicates if entry has any known resistance to these three races of Phytophthora root rot
<b>U</b>	Indicates information unknown by the applicant
<b>-</b>	Indicates information not provided by the applicant

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