

2006 Iowa Crop Performance Test— Soybeans



Photo by Rich Pope, Corn and Soybean Initiative

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.

The testing program underwent a major renovation this season, with new districts, new testing sites, new plot sizes, and new test designations. There are now 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. All entries in 2006 were Roundup Ready[®], so there was no test conducted with conventional herbicide soybeans.

Entries

Seed companies, Iowa farmers, and the Iowa Crop Improvement Association may include entries in the Iowa Crop Performance Test—Soybeans. This year we tested more than 350 varieties under 25 brand names. All entries were made voluntarily, including those designated by the Iowa Crop Improvement Association as widely grown varieties or brands. These entries are designated by an asterisk in all data tables. 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 34. The seed used to plant all entries in the 2006 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). Satisfactory data were obtained from most of the testing locations in 2006. The Missouri Valley location was discarded due to severe hail damage. The Fairfield location was discarded due to problems with emergence, stand, and plant development. These problems were caused by an extended dry period after planting. Yields at Melrose also were impacted by dry conditions, but the data were still useful and are presented in this report. All other locations were useful and contributed data to this report.



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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 center two rows of each plot were harvested for data, and yield estimates were based on a plot length of 20 feet to adjust for end-plant compensation. The seeding rate was eight seeds per foot (140,000 seeds per acre) unless a different rate was requested by the entrant. 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 and/or bean leaf beetles as necessary.

Characters Evaluated

Yield: The plots were harvested with a self-propelled 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 combine. Maturity was evaluated at one location in each district. Maturity date is reported as “days from the beginning of September.” A “7” is September 7, while “32” is October 2.

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 three replications at Ames and three replications at Humboldt, 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 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 was used to estimate an entry's resistance.

All entries designated by entrants as having resistance to SCN were submitted to a growth chamber screening. This provides a quick measure of the relative level of resistance to the specific race of nematodes in the soil used in our test. This is just one method of evaluating SCN resistance, and may or may not apply to your fields. It is important to note that results may differ under field conditions or when tested against different races of SCN. Growth chamber results are not to be construed as endorsement of, or opposition to, any of the entries in the test. For SCN management strategies for your farm, please contact your local agronomist or Iowa State University Extension for further details.

For our growth chamber study, soybean cyst nematodes were collected from one Iowa soil and used for evaluation of all SCN entries. Seedlings of each SCN entry were grown for 30 days in a growth room in Iowa using a 50/50 mix of the infested soil and sand. After 30 days, the roots were washed and the cysts were collected and counted. An index of percent reproduction was calculated for each entry by dividing an entry's average cyst count by the average number of cysts found on Lee 74, the standard susceptible check variety. The reported score is an average of three replications. The SCN population was primarily race 3.

PI check varieties also were included in this test. PI88788 had an average reproduction of

4.0 percent, PI548316 (Cloud) had an average reproduction of 9.3 percent, PI209332 had an average reproduction of 5.5 percent, and PI89772 had an average reproduction of 1.5 percent. All other PIs had an average reproduction less than 1 percent.

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 replications from each district and are reported at 13 percent moisture.

Descriptive Information

Brown Stem Rot: Resistance information of each entry to brown stem rot (BSR) 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 megasperma* var. *glycinea* 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, 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 2006, 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 2007.

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 the 2006 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* that 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 advertisement statements by an individual company about the performance of its entries must accurately reflect the published data.

Acknowledgments

This report would not be possible without the cooperative efforts of many organizations and people. Thanks to the following for helping make this testing program a success: Chad Arnold, Bill Vinson, and Bill Fjelland, for tireless work and brilliant ideas throughout the year; John Harker of Syngenta and George Kadrmaz of Monsanto, for providing seed for fill plots and border rows; all of our cooperators, for without their help, our lives would be more difficult—they are listed in Table 1; Dr. Jode Edwards, for statistical support; Douglas Bruene and Andrew Gillman for assisting with our seed counting and experiment layouts—their organizational, managerial, and recruiting skills contributed greatly to the success of our mission. A special thanks to all of the companies who enter varieties in our test. They are listed in Table 34. It is their participation and support that continues to make these tests an invaluable resource for growers.



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For More Information

For more information about the Iowa Crop Performance Tests, see www.croptesting.iastate.edu.

For information about the Iowa Crop Improvement Association, visit www.agron.iastate.edu/icia.

For questions or comments about the 2006 Iowa Crop Performance Test—Soybeans, contact:

Jim Rouse, Ph.D.
 Program Coordinator
 Iowa State University
 2104G Agronomy Hall
 Ames, IA 50011
 e-mail: croptesting@iastate.edu

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

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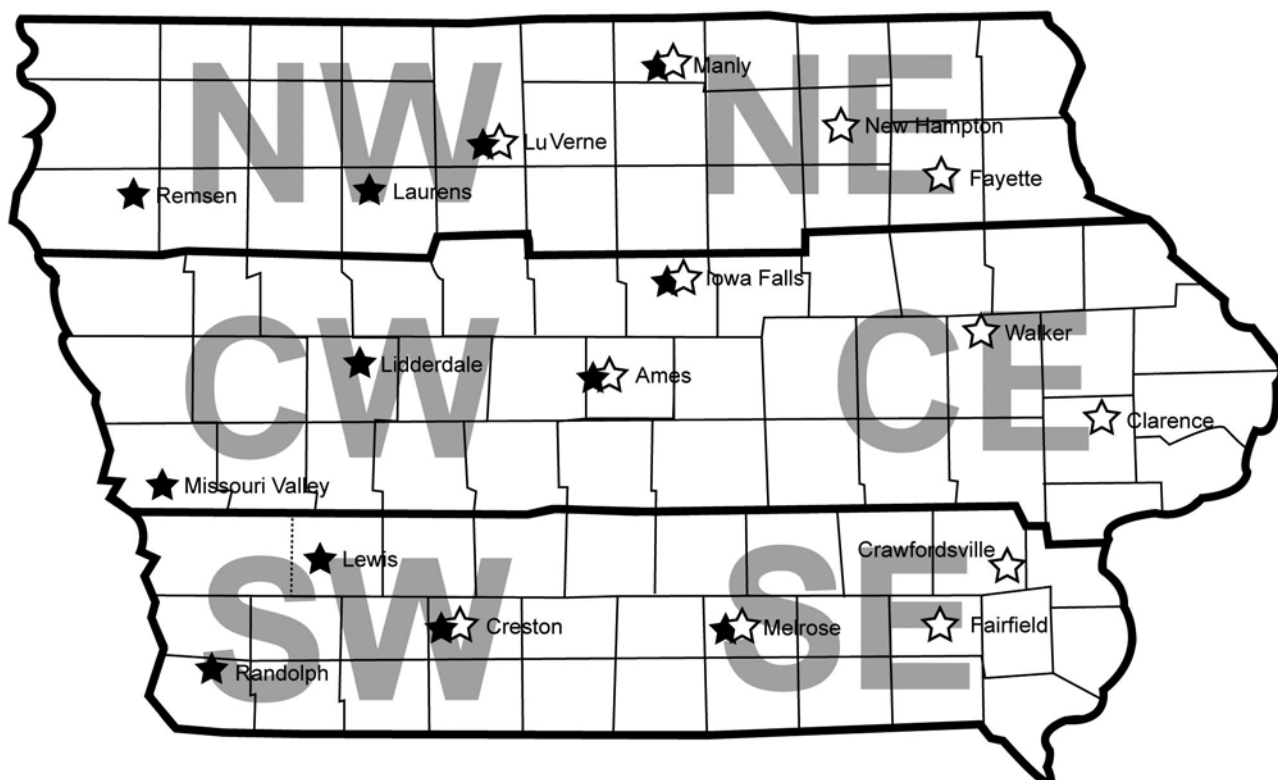


Figure 1. Test locations for the 2006 Iowa Crop Performance Test – Soybeans.
All east and west experiments within a tier were grown at locations with two stars.

Table 1. General information for the 2006 soybean test.

Location and Cooperator	Soil Type	Planting Date	Harvest Date	Average Yield (Bu/Acre)
Northwest				
Remsen, Aaron Easton	Galva silty clay loam	8-May	2-Oct	52.8
Laurens, Roger Bjork	Nicollet loam	10-May	26-Sep	50.3
LuVerne, Keith and Bruce Voss	Kossuth silty clay loam	15-May	29-Sep	57.1
Northeast				
Manly, Randy and Jaime Lutz	Floyd loam	17-May	3-Oct	56.5
New Hampton, Jim Eckenrod	Coland Spillville	16-May	7-Oct	56.2
Fayette, Jon Turner	Kenyon loam	18-May	7-Oct	54.7
Central-west				
Missouri Valley, Dean McIntosh	McPaul silt loam	6-May	NA	-
Lidderdale, Kevin and Ryan Kroeger	Clarion loam	7-May	30-Sep	56.0
Ames, Lynn Henn	Nicollet loam	17-May	8-Oct	46.9
Central-east				
Iowa Falls, Mike Aldinger	Clarion loam	19-May	25-Oct	47.9
Walker, Duane Kuhn	Dickinson fine sandy loam	18-May	10-Oct	51.7
Clarence, Dave Elijah	Tama silt loam	19-May	12-Oct	45.9
Southwest				
Randolph, Jay Schaaf	Kennebec silt loam	7-May	31-Oct	59.7
Lewis, Dennis Jipsen	Marshall silty clay loam	7-May	30-Oct	51.2
Creston, Jeff Tussey	Sharpsburg silty clay loam	12-May	9-Oct	53.3
Southeast				
Melrose, Mike Ryan	Grundy silty clay loam	12-May	1-Nov	32.3
Fairfield, Alan McElderry	Haig silt loam	22-May	NA	-
Crawfordsville, Kevin VanDee	Nira silty clay loam	6-May	13-Oct	53.4

Table 2. Seed treatment and other data descriptions.

IST	Insecticide seed treatment
AM	ApronMaxx
C	Cruiser
CM	CruiserMaxx
Gs	Gusto
SG	SoyGard
SG+Go	SoyGard + Gaucho
Yield	Bushels per acre, adjusted to 13% moisture basis
Yield % of Mean	Yield expressed 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, 2005–2006.

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
SCN-resistant entries, maturity group 2.2 and earlier								
Kruger	K-235RR/SCN	58.2	107	26	4.1	1.2	34.7	19.5
Thompson	T-7193+ RR/SCN	57.8	106	20	3.1	1.1	34.0	19.9
Thompson	T-2222 RR/SCN	57.8	106	19	2.8	1.1	34.3	19.8
Thompson	T-2324 RR/SCN	57.7	106	26	4.0	1.2	34.6	19.5
Thompson	T-1717 RR/SCN	56.0	103	16	3.3	1.1	33.5	19.9
Kruger	K-195+RR/SCN	54.5	100	19	2.8	1.1	33.6	20.1
Kruger	K-188RR/SCN	54.1	99	18	3.3	1.1	33.2	20.2
Renk	RS204NRR	53.5	98	20	3.1	1.1	33.9	19.9
SCN-resistant entries, maturity group 2.3–2.7								
NuTech	NT-2424 RR/SCN	58.3	107	25	3.8	1.2	35.4	18.9
NuTech	NT-2324+ RR/SCN	57.4	105	25	3.9	1.2	34.8	19.4
Viking	2368CNRR	56.1	103	25	4.2	1.1	34.4	19.7
Renze	R2496RRcn	55.2	101	25	4.2	1.2	34.7	19.1
Non-SCN-resistant entries, maturity group 2.2 and earlier								
Kruger	K-223+RR	56.5	104	22	2.8	1.2	33.8	19.5
Renk	RS223RR	56.1	103	23	2.8	1.2	33.5	19.6
Thompson	T-7206+ RR	55.9	102	21	2.3	1.2	34.2	19.3
Kruger	K-211+RR	54.9	101	23	2.5	1.2	33.2	20.0
Viking	1908CNRR	54.4	100	20	2.9	1.1	33.8	19.9
Non-SCN-resistant entries, maturity group 2.3–2.7								
Renze	R2626RR	57.4	105	28	3.3	1.2	34.1	19.0
NuTech	NT-2333+ RR	56.3	103	23	2.9	1.4	34.2	19.3
Excel	8236NRR	55.7	102	24	3.7	1.1	35.6	19.0
Excel	8238RR	55.6	102	25	3.3	1.1	35.4	19.2
Renk	RS265RR	54.9	101	28	3.4	1.3	35.1	18.9
Kruger	K-255RR	53.8	99	26	4.4	1.2	35.5	19.1
Renk	RS253RR	53.6	98	25	4.7	1.1	35.2	19.2
Kruger	K-233+RR	53.3	98	25	3.3	1.1	35.5	19.1

Table 4. Northeast district two-year means, 2005–2006.

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
SCN-resistant entries, maturity group 2.2 and earlier								
Kruger	K-235RR/SCN	59.5	107	26	4.1	1.2	34.7	19.4
Thompson	T-7193+ RR/SCN	58.9	106	20	3.1	1.2	34.0	19.9
Thompson	T-2324 RR/SCN	58.0	104	26	4.0	1.2	34.5	19.5
Thompson	T-2222 RR/SCN	57.8	104	20	2.8	1.2	34.3	19.7
Kruger	K-188RR/SCN	56.3	101	18	3.3	1.2	33.1	20.2
Thompson	T-1717 RR/SCN	56.1	101	17	3.3	1.1	33.2	20.1
Kruger	K-195+RR/SCN	55.0	99	20	2.8	1.2	33.5	20.1
Viking	1908CNRR	53.6	96	19	2.9	1.2	33.8	19.9
SCN-resistant entries, maturity group 2.3–2.7								
NuTech	NT-2324+ RR/SCN	59.2	107	25	3.9	1.2	34.6	19.6
NuTech	NT-2424 RR/SCN	58.9	106	24	3.8	1.4	35.4	18.9
Viking	2368CNRR	56.4	101	25	4.2	1.1	34.4	19.7
Non-SCN-resistant entries, maturity group 2.2 and earlier								
Kruger	K-223+RR	58.8	106	21	2.8	1.2	33.7	19.5
Thompson	T-7206+ RR	58.6	105	21	2.3	1.2	34.1	19.3
Dairyland	DSR-234/RR	56.0	101	24	3.7	1.2	35.6	19.0
Renk	RS223RR	55.9	100	23	2.8	1.2	33.4	19.6
FS HiSOY	HS 2025	55.7	100	22	2.8	1.3	33.7	19.6
Kruger	K-211+RR	55.0	99	23	2.5	1.2	33.2	19.9
Non-SCN-resistant entries, maturity group 2.3–2.7								
Dairyland	DSR-2600/RR	57.1	103	26	3.4	1.3	34.2	19.0
Excel	8236NRR	57.0	103	24	3.7	1.0	35.5	19.0
Excel	8238RR	56.9	102	25	3.3	1.2	35.4	19.2
Renk	RS253RR	56.5	102	25	4.7	1.2	35.1	19.1
Kruger	K-255RR	56.1	101	26	4.4	1.2	35.4	18.9
Renk	RS265RR	55.6	100	27	3.4	1.4	34.9	19.0
Kruger	K-233+RR	55.6	100	25	3.3	1.1	35.4	19.0
FS HiSOY	HS 2345	55.0	99	24	3.2	1.1	35.0	19.2
NuTech	NT-2333+ RR	53.4	96	22	2.9	1.8	34.2	19.2

Table 5. Central–west district two-year means, 2005–2006.

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
SCN-resistant entries, maturity group 2.3–2.7								
Thompson	T-2222 RR/SCN	61.1	109	18	2.8	1.1	34.4	19.9
NuTech	NT-2424 RR/SCN	59.8	107	19	3.8	1.3	35.1	19.0
NuTech	NT-2324+ RR/SCN	59.0	105	23	3.9	1.3	35.4	19.3
Kruger	K-235RR/SCN	58.4	104	22	4.1	1.2	34.9	19.5
SCN-resistant entries, maturity group 2.8–3.2								
Kruger	K-287RR/SCN	56.8	102	27	2.9	1.1	34.5	19.1
Kruger	K-292RR/SCN	53.8	96	26	3.8	1.3	35.4	19.1
Non-SCN-resistant entries, maturity group 2.3–2.7								
NuTech	NT-2333+ RR	59.2	106	19	2.9	1.8	34.9	18.9
Thompson	T-7206 RR	58.8	105	21	3.1	1.1	34.8	19.2
Renze	R2645RR	58.4	104	23	3.2	1.2	35.0	19.0
Excel	8257RR	58.1	104	26	2.7	1.2	35.9	18.9
Excel	8236NRR	57.8	103	20	3.7	1.2	36.0	18.9
Renze	R2626RR	56.5	101	23	3.3	1.2	34.3	19.0
Kruger	K-255RR	55.9	100	25	4.4	1.5	36.0	18.7
Kruger	K-233+RR	55.2	99	20	3.3	1.2	35.9	19.0
NuTech	NT-2626+ RR	55.1	98	24	4.7	1.3	36.3	18.6
Non-SCN-resistant entries, maturity group 2.8–3.2								
Kruger	K-289+RR	56.8	101	27	3.3	1.2	34.6	19.0
Latham	L3157R	56.2	101	30	3.4	1.3	33.6	19.3
Renze	R3115RR	56.0	100	29	3.6	1.2	33.9	19.2
Kruger	K-328RR	55.1	99	30	3.3	1.4	34.1	19.2
Kruger	K-310RR	53.1	95	30	3.5	1.1	35.9	18.5

Table 6. Central–east district two-year means, 2005–2006.

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
SCN-resistant entries, maturity group 2.3–2.7								
Thompson	T-2222 RR/SCN	60.3	112	19	2.8	1.4	34.3	20.0
NuTech	NT-2424 RR/SCN	57.1	106	21	3.8	1.4	35.3	19.0
NuTech	NT-2324+ RR/SCN	56.1	104	23	3.9	1.5	35.3	19.3
Kruger	K-235RR/SCN	55.1	103	21	4.1	1.4	34.6	19.5
SCN-resistant entries, maturity group 2.8–3.2								
Kruger	K-287RR/SCN	56.3	105	28	2.9	1.6	34.4	19.0
FS HiSOY	HS 2846	54.0	100	29	3.1	1.6	34.9	18.9
Kruger	K-292RR/SCN	50.7	94	26	3.8	1.8	35.4	19.1
FS HiSOY	HS 2956	48.7	91	25	3.3	1.8	36.1	18.7
Non-SCN-resistant entries, maturity group 2.3–2.7								
Thompson	T-7206 RR	58.1	108	21	3.1	1.2	34.8	19.3
Excel	8236NRR	57.4	107	20	3.7	1.3	36.0	18.9
Renze	R2626RR	55.4	103	25	3.3	1.4	34.5	19.0
NuTech	NT-2626+ RR	55.3	103	24	4.7	1.4	36.1	18.8
NuTech	NT-2333+ RR	55.3	103	19	2.9	2.2	34.8	18.9
Kruger	K-255RR	54.1	101	25	4.4	1.6	36.1	18.7
Kruger	K-233+RR	54.1	101	20	3.3	1.5	36.0	18.9
FS HiSOY	HS 2645	52.8	98	24	3.1	1.4	35.3	18.7
Non-SCN-resistant entries, maturity group 2.8–3.2								
Kruger	K-289+RR	53.5	100	28	3.3	1.6	34.7	18.9
Kruger	K-328RR	53.2	99	32	3.3	1.6	34.1	19.2
FS HiSOY	HS 3135	52.5	98	32	3.8	1.6	34.3	19.0
Kruger	K-310RR	50.3	94	30	3.5	1.3	35.9	18.4

Table 7. Southwest district two-year means, 2005–2006.

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
SCN-resistant entries, maturity group 2.8–3.2								
Kruger	K-292RR/SCN	52.9	100	21	3.8	1.2	35.6	19.5
Kruger	K-333RR/SCN	52.0	98	28	3.4	1.3	34.5	19.7
Kruger	K-341RR/SCN	51.5	97	25	3.5	1.2	35.5	19.0
Renze	R2996RRcn	50.9	96	21	3.3	1.2	35.3	19.6
SCN-resistant entries, maturity group 3.3–3.9								
Kruger	K-355RR/SCN	53.1	101	31	3.5	1.3	34.6	19.6
Kruger	K-399RR/SCN	52.8	100	29	4.2	1.4	35.1	18.6
Kruger	K-389RR/SCN	51.3	97	29	4.6	1.1	34.3	18.8
Non-SCN-resistant entries, maturity group 2.8–3.2								
Kruger	K-328RR	55.9	106	24	3.3	1.2	34.0	19.5
Thompson	T-3101+ RR	55.6	105	25	3.5	1.1	34.4	19.4
Renze	R3115RR	55.4	105	24	3.6	1.1	34.0	19.6
Kruger	K-310RR	55.1	104	26	3.5	1.0	35.3	19.0
Kruger	K-289+RR	53.5	101	24	3.3	1.1	34.8	19.4
Non-SCN-resistant entries, maturity group 3.3–3.9								
Renze	R3726RR	54.4	103	26	4.2	1.2	34.3	19.3
Kruger	K-330RR	53.6	101	28	3.2	1.1	34.9	19.1

Table 8. Southeast district two-year means, 2005–2006.

Brand	Entry	Yield (Bu/Acre)	Yield (% of Mean)	Maturity Date	IDC Score	Lodging Score	Protein (%)	Oil (%)
SCN-resistant entries, maturity group 2.8–3.2								
Kruger	K-333RR/SCN	52.8	102	28	3.4	1.2	34.8	19.7
Kruger	K-292RR/SCN	52.8	102	22	3.8	1.1	35.2	19.7
Kruger	K-341RR/SCN	49.9	96	26	3.5	1.1	35.7	19.1
SCN-resistant entries, maturity group 3.3–3.9								
Kruger	K-355RR/SCN	54.4	105	29	3.5	1.1	34.6	19.6
Kruger	K-399RR/SCN	53.4	103	29	4.2	1.3	35.2	18.6
Kruger	K-389RR/SCN	52.3	101	28	4.6	1.0	34.5	18.8
Non-SCN-resistant entries, maturity group 2.8–3.2								
Thompson	T-3101+ RR	53.8	104	24	3.5	1.2	34.3	19.6
Kruger	K-310RR	53.5	103	26	3.5	1.0	35.2	19.0
Kruger	K-289+RR	52.6	102	24	3.3	1.0	34.6	19.5
Kruger	K-328RR	52.3	101	24	3.3	1.2	33.8	19.7
Non-SCN-resistant entries, maturity group 3.3–3.9								
Kruger	K-330RR	53.5	103	27	3.2	1.0	34.9	19.1

Table 9. Northwest district, 2006 district and single-location means. SCN-resistant 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	Laurens	LuVerne	Mainly
Dyna-Gro	31D20	CM	60.4	110	15	3.2	1.2	34.3	19.4	63.6	58.7	60.6	58.8
Kruger	K-201RR/SCN	CM	58.5	106	14	3.0	1.2	34.6	19.6	57.4	56.2	60.3	58.2
Merschman	Navaho 720RR	SG	57.9	105	15	3.3	1.2	34.4	19.6	58.0	57.8	58.1	59.2
Thompson	T-2324 RR/SCN		57.3	104	21	4.0	1.2	33.9	19.6	55.5	57.0	59.1	57.5
Prairie Brand	PB-2196NRR		57.2	104	17	3.9	1.1	34.1	19.6	54.6	56.6	57.7	59.5
Asgrow	* AG2107	CM	57.0	104	15	3.0	1.1	33.5	20.1	56.4	54.6	56.8	60.8
Thompson	T-7193+ RR/SCN	C	56.7	103	14	3.1	1.1	33.7	19.9	56.8	54.8	58.1	57.4
Dyna-Gro	33X19	CM	56.6	103	15	3.2	1.1	33.6	20.2	55.5	54.9	59.2	57.8
Kruger	K-210RR/SCN	CM	56.6	103	16	3.6	1.2	33.9	19.4	53.3	57.7	57.8	59.6
Thompson	T-2121+ RR/SCN	C	56.6	103	19	3.3	1.2	35.8	18.5	54.4	55.5	58.6	57.9
Thompson	T-2222 RR/SCN		56.6	103	14	2.8	1.1	34.2	19.6	54.6	57.0	59.2	56.1
Prairie Brand	PB-2066NRR		56.2	102	15	3.6	1.2	34.0	19.7	53.1	55.4	58.7	57.1
NuTech	NT-7193 RR/SCN		56.1	102	13	3.3	1.1	33.7	20.0	55.9	54.7	56.5	57.3
SCN Susceptible	* Check 2	CM	56.1	102	16	4.3	1.4	33.7	19.6	61.0	53.9	55.3	53.6
SCN Susceptible	* Check 1	CM	56.0	102	17	2.3	1.1	34.1	19.7	56.9	55.4	54.6	56.6
Pioneer	* 92M40	CM	55.8	101	18	4.2	1.1	34.4	19.2	53.1	55.2	53.7	61.7
Renze	R2287RRcn		55.5	101	19	3.0	1.1	35.6	18.6	53.5	54.5	56.5	58.2
Kruger	K-235RR/SCN	CM	55.5	101	22	4.1	1.2	34.0	19.7	54.3	52.0	57.1	59.2
Excel	8196NRR/STS	CM	55.5	101	14	3.3	1.3	35.1	19.7	51.7	55.2	57.7	58.1
Latham	E2085R		55.5	101	15	3.3	1.2	33.9	19.9	51.3	59.7	55.1	56.0
NuTech	NT-2012 RR/SCN		55.5	101	15	3.2	1.3	34.1	19.8	50.1	55.3	58.3	59.0
Asgrow	AG2002	CM	55.2	100	16	3.4	1.2	33.7	19.7	53.1	53.8	57.1	57.4
Kruger	K-222RR/SCN	CM	55.1	100	19	3.6	1.1	35.4	18.7	50.9	55.7	57.3	56.6
Renk	RS204NRR	AM	55.1	100	14	3.1	1.1	33.9	20.0	53.6	52.2	58.0	56.4
Kruger	K-195+RR/SCN	CM	55.0	100	13	2.8	1.1	33.5	20.0	52.0	53.7	57.3	57.8
NuTech	NT-1808 RR/SCN		55.0	100	14	3.3	1.2	33.8	19.7	54.4	51.6	55.5	58.3
Thompson	T-1717 RR/SCN		54.7	99	10	3.3	1.0	33.5	19.8	52.1	54.0	54.7	57.8
Dyna-Gro	34K22	CM	54.6	99	18	3.8	1.1	34.6	19.4	50.9	57.6	54.9	55.0
SCN Susceptible	* Check 3	CM	54.5	99	23	4.6	1.5	33.2	19.7	51.7	55.1	57.2	53.3
NuTech	NT-2121 RR/SCN		54.4	99	19	3.4	1.1	35.6	18.6	52.2	53.0	56.7	55.4
Prairie Brand	PB-2236NRR		53.9	98	19	2.9	1.1	35.4	18.6	49.4	54.9	55.2	56.6
NK Brand	* S19-L7	CM	53.9	98	12	2.5	1.1	34.5	19.1	52.2	51.9	54.6	56.7
Kruger	K-188RR/SCN	CM	53.8	98	12	3.3	1.1	33.1	20.2	51.6	52.4	54.5	55.2
Prairie Brand	PB-1885NRR		53.6	97	12	3.2	1.1	33.4	20.2	47.3	55.4	53.5	57.4
Prairie Brand	PB-2183NRR		53.6	97	14	3.3	1.1	33.2	20.1	49.4	54.5	53.8	56.7
Viking	1908CNRR	Gs	53.5	97	12	2.9	1.0	33.3	20.1	50.8	50.4	56.5	56.8
Mustang	M-194NRR		53.5	97	13	2.6	1.1	33.7	20.0	47.8	54.3	55.6	56.3
NK Brand	S22-F5	CM	53.3	97	16	3.0	1.4	34.6	19.2	49.5	50.3	57.9	55.8
Mustang	M-177NRR		52.5	95	11	2.7	1.1	33.4	20.0	47.6	50.1	55.5	57.0
Prairie Brand	PB-1936NRR		52.5	95	14	3.1	1.3	34.7	19.3	51.6	50.7	54.0	53.5
DEKALB	* DKB22-52	CM	51.5	93	18	2.8	1.2	33.5	19.7	44.5	50.8	54.3	55.4
DEKALB	DKB16-52	CM	50.5	92	8	2.9	1.3	36.3	19.2	48.8	50.5	52.4	50.6
SCN Susceptible	* Check 4	CM	47.9	87	14	3.1	1.1	34.0	19.3	40.6	47.6	49.8	54.1
Experiment Mean			55.1		15	3.3	1.2	34.2	19.6	52.7	54.3	56.4	57.0
Minimum Mean			47.9		8	2.3	1.0	33.1	18.5	40.6	47.6	49.8	50.6
Maximum Mean			60.4		23	4.6	1.5	36.3	20.2	63.6	59.7	60.6	61.7
LSD (0.25)			1.7		1	0.3	0.1	0.4	0.4	3.4	2.2	1.9	1.6
Coefficient of Variability			4.5							7.9	4.9	4.0	3.5

Table 10. Northwest district, 2006 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	Laurens	LuVerne	Manly	
NuTech	NT-2770 RR/SCN		57.0	104	24	4.3	1.5	34.8	18.0	54.9	56.5	57.4	58.7	
Asgrow	AG2603	CM	56.7	104	21	3.8	1.5	34.0	18.4	50.5	59.2	56.9	60.8	
DEKALB	DKB27-52	CM	56.7	104	21	3.2	1.3	32.6	19.5	50.2	59.9	57.1	59.9	
Thompson	T-2770+ RR/SCN	C	56.7	104	23	3.7	1.6	35.1	18.0	53.4	57.7	56.6	59.3	
Kruger	K-276RR/SCN	CM	56.7	104	23	4.1	1.5	35.1	17.8	53.4	57.4	56.2	60.0	
Mustang	M-277NRR		56.5	104	24	4.1	1.6	34.8	18.2	53.4	59.0	55.4	57.3	
Pioneer	* 92M40	CM	56.4	103	18	4.2	1.1	34.4	19.2	51.3	57.7	53.8	62.8	
SCN Susceptible	* Check 1	CM	56.3	103	17	2.3	1.2	34.1	19.7	54.7	57.4	54.7	59.4	
NuTech	NT-2324+ RR/SCN	C	56.1	103	21	3.9	1.5	33.4	19.5	54.7	56.0	55.8	57.6	
Prairie Brand	PB-2636NRR		56.1	103	27	3.4	1.6	32.2	19.5	54.5	58.1	55.3	56.3	
Kruger	K-275RR/SCN	CM	56.0	103	26	3.3	1.6	31.8	19.7	51.7	56.7	57.9	57.8	
NuTech	NT-2660 RR/SCN		56.0	103	21	3.3	1.3	32.0	19.4	50.5	59.0	55.5	59.4	
Asgrow	AG2406	CM	55.7	102	21	3.8	1.3	33.8	19.6	50.8	55.7	56.8	59.0	
Viking	2368CNRR	Gs	55.6	102	21	4.2	1.4	33.1	19.6	51.9	58.3	55.6	58.4	
Thompson	T-2777+ RR/SCN	C	55.5	102	27	3.2	1.8	32.5	19.4	53.9	55.0	57.0	56.5	
NuTech	NT-2424 RR/SCN		55.4	101	20	3.8	1.5	34.1	18.9	52.6	57.7	54.7	56.5	
NuTech	NT-2777 RR/SCN		55.2	101	27	3.8	1.6	32.1	19.2	51.6	56.3	59.0	54.4	
Prairie Brand	PB-2794NRR		55.1	101	26	3.2	1.9	33.7	18.9	52.6	54.2	57.7	55.3	
Dyna-Gro	33D27	CM	55.1	101	26	3.5	1.7	32.1	19.5	53.8	56.0	55.7	55.5	
Pioneer	* 92M61	CM	55.1	101	21	2.8	1.5	32.3	19.7	44.7	58.4	57.2	61.2	
Latham	L2468R		55.0	101	20	4.0	1.4	33.7	18.9	54.0	54.5	55.5	55.5	
Prairie Brand	PB-2316NRR		55.0	101	20	3.8	1.3	34.2	18.0	50.4	55.8	56.6	56.3	
Prairie Brand	PB-2494NRR		55.0	101	21	3.3	1.5	33.8	18.6	51.9	55.1	57.0	57.0	
Prairie Brand	PB-2385NRR		54.7	100	21	3.8	1.5	34.3	18.5	52.5	57.6	52.7	57.2	
Kruger	K-279RR/SCN	CM	54.7	100	28	3.9	1.7	35.0	18.4	51.3	57.7	56.2	54.2	
Thompson	T-2701 RR/SCN		54.6	100	23	3.6	1.3	35.0	18.6	50.6	57.2	54.8	55.3	
SCN Susceptible	* Check 2	CM	54.6	100	16	4.3	1.7	33.7	19.6	54.8	52.0	55.3	56.0	
Renze	R2496RRcn		54.4	100	20	4.2	1.5	34.0	18.8	48.3	57.0	57.0	57.1	
Excel	8236NRR	CM	54.3	99	19	3.7	1.2	35.0	18.8	53.3	49.1	57.6	58.8	
Bio Gene	BG2707 RN	SG	54.3	99	29	3.7	1.7	35.1	18.5	51.4	55.8	54.8	55.3	
SCN Susceptible	* Check 5	CM	54.2	99	24	2.9	1.6	34.3	19.1	52.8	52.4	55.0	56.1	
Kruger	K-287RR/SCN	CM	54.2	99	26	2.9	1.9	34.0	18.8	48.6	54.9	60.0	54.9	
Thompson	T-2440+ RR/SCN	C	54.2	99	22	2.6	1.7	34.9	18.2	50.8	55.9	54.4	54.6	
Thompson	T-2616 RR/SCN		54.2	99	28	3.9	1.7	35.6	18.3	49.9	57.3	55.6	55.2	
Mustang	M-246NRR		53.9	99	20	3.5	1.6	34.4	18.9	47.6	52.9	57.0	56.4	
Renze	R2587RRcn		53.7	98	21	2.7	1.7	34.8	18.3	48.0	56.6	55.7	53.8	
Thompson	T-2444+ RR/SCN	C	53.6	98	21	2.8	1.7	34.5	18.3	49.5	54.4	54.6	56.2	
Prairie Brand	PB-2596NRR		53.5	98	21	2.7	1.6	34.4	18.4	49.3	54.7	52.8	56.6	
Kruger	K-237RR/SCN	CM	53.4	98	24	4.5	1.7	35.5	18.7	46.5	54.1	57.7	55.0	
Merschman	Shawnee 527RR	SG	53.1	97	26	3.8	1.6	34.9	18.2	48.8	53.0	55.1	55.4	
Merschman	Mohegan 624RR	SG	53.0	97	21	3.9	1.5	33.8	19.0	45.7	55.0	54.6	56.3	
SCN Susceptible	* Check 3	CM	53.0	97	23	4.6	1.7	33.2	19.7	50.9	53.1	54.4	54.0	
NuTech	NT-2444 RR/SCN		52.9	97	21	2.6	1.9	35.0	18.1	50.8	50.3	55.3	54.3	
Kruger	K-244RR/SCN	CM	52.8	97	21	3.1	1.8	34.8	18.2	48.3	51.9	54.3	56.4	

Table 10. Northwest district, 2006 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 %	Remsen	Laurens	LuVerne	Manly
Renk	RS246NRR	AM	52.6	96	21	3.9	1.6	34.4	18.8	47.0	53.2	53.2	57.0
Dyna-Gro	37G24	CM	52.6	96	20	3.5	1.5	34.7	18.7	48.3	52.7	54.5	54.8
Mustang	M-247NRR		52.3	96	22	2.8	1.8	35.3	18.1	49.5	50.2	54.7	54.4
Merschman	Comanche 725RR	SG	52.2	96	21	2.9	1.6	34.6	18.3	49.7	51.6	54.4	53.8
Dyna-Gro	35F25	CM	52.1	95	21	3.3	1.8	34.7	18.1	46.1	52.0	54.2	55.5
DEKALB	DKB27-53	CM	51.9	95	26	3.8	2.0	32.0	19.5	51.4	50.6	54.0	50.1
Experiment Mean			54.6		22	3.5	1.6	34.0	18.8	50.8	55.4	55.7	56.5
Minimum Mean			51.9		16	2.3	1.1	31.8	17.8	44.7	50.2	52.7	50.1
Maximum Mean			57.0		29	4.6	2.0	35.6	19.7	54.9	59.9	60.0	62.8
LSD (0.25)			1.6		1	0.3	0.1	0.4	0.4	3.6	3.0	1.8	2.0
Coefficient of Variability			5.3							8.5	6.5	3.9	4.2

Table 11. Northwest district, 2006 district and single-location means. Non-SCN-resistant means. 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	Laurens	LuVerne	Mainly
Kruger	K-194RR	CM	56.2	104	19	3.0	1.1	33.8	19.3	59.5	48.0	61.5	56.5
Asgrow	* AG2403	CM	55.9	104	17	2.3	1.0	34.1	19.7	57.1	47.3	62.3	56.9
NuTech	NT-1991 RR		55.8	104	18	2.6	1.1	33.1	19.5	60.2	44.6	60.2	58.8
Farm Advantage	7224		55.6	103	20	4.0	1.4	35.1	19.0	56.7	49.3	59.5	55.2
NK Brand	S21-N6	CM	55.5	103	16	3.6	1.1	33.9	20.1	57.1	47.4	61.6	55.2
NuTech	NT-2220 RR		55.5	103	19	2.9	1.2	33.9	18.6	57.4	44.1	64.5	56.8
Kruger	K-211+RR	CM	55.4	103	19	2.5	1.2	33.3	19.9	53.6	48.5	60.7	60.6
Thompson	T-2220+ RR	C	55.4	103	20	3.0	1.2	34.1	18.7	57.2	48.0	62.7	52.9
Kruger	K-226RR	CM	55.3	103	21	4.1	1.3	35.1	19.3	57.9	47.9	60.2	53.5
NK Brand	* S23-Z3	CM	55.2	103	16	4.3	1.3	33.7	19.6	56.8	47.6	61.6	55.3
NuTech	NT-7234 RR		55.0	102	18	2.9	1.1	33.2	19.7	56.7	44.2	62.0	57.7
Excel	8193RR/STS	CM	55.0	102	17	2.8	1.2	35.3	18.6	54.1	48.4	60.6	56.2
SCN Resistant	* Check 3	CM	54.8	102	20	2.8	1.2	33.8	18.6	58.3	42.4	62.1	56.4
Thompson	T-2213+ RR	C	54.8	102	18	4.2	1.0	34.4	19.2	52.9	50.6	56.4	59.6
NuTech	NT-7205+ RR	C	54.7	102	21	4.1	1.3	35.2	18.8	55.8	45.2	62.4	56.7
Prairie Brand	PB-2216RR		54.6	101	21	2.8	1.1	33.4	19.6	55.4	43.5	62.2	61.1
Thompson	T-7206+ RR	C	54.6	101	17	2.3	1.1	33.9	19.1	54.2	49.8	59.9	55.3
Kruger	K-223+RR	CM	54.4	101	19	2.8	1.1	33.4	19.3	52.5	43.7	62.6	59.0
Latham	E2253R		54.3	101	20	4.2	1.2	35.4	18.8	60.6	47.3	59.1	51.7
Renk	RS223RR	AM	54.2	101	19	2.8	1.2	33.3	19.6	52.5	45.1	59.9	58.7
Prairie Brand	PB-2276RR		54.2	101	20	2.6	1.2	33.0	19.7	55.6	43.8	61.3	55.8
SCN Resistant	* Check 2	CM	54.1	101	18	2.8	1.1	33.5	19.7	52.2	45.0	62.6	56.3
Gold Country	6221RR		54.1	101	18	2.8	1.1	33.5	19.5	54.5	45.8	58.7	57.6
Prairie Brand	PB-2243RR		54.0	100	19	2.6	1.2	33.2	19.9	54.3	46.1	61.5	55.3
Viking	2274RR	Gs	53.9	100	21	2.9	1.1	33.7	18.9	55.3	43.1	61.9	56.7
Prairie Brand	PB-2141RR		53.9	100	17	2.8	1.1	33.5	19.4	54.3	43.0	62.8	56.1
Merschman	Mars 618RR	SG	53.7	100	17	2.8	1.1	33.3	19.8	52.3	45.0	59.2	58.5
Latham	E1950R		53.7	100	18	3.1	1.1	33.7	19.3	58.7	42.4	58.9	54.4
NuTech	NT-2213 RR		53.6	100	21	4.4	1.4	35.5	18.9	56.2	47.7	58.3	51.8
NK Brand	* S26-V6	CM	53.0	99	23	4.6	1.5	33.2	19.7	55.1	48.1	58.6	50.3
Prairie Brand	PB-1916RR		52.9	99	18	3.0	1.1	33.0	19.3	58.3	44.8	60.7	47.9
Mustang	M-227RR		52.9	98	21	4.1	1.3	35.1	19.1	53.1	47.4	61.5	49.1
Thompson	T-2232+ RR	C	52.8	98	23	3.6	1.2	32.5	19.9	54.2	45.4	59.8	51.1
NuTech	NT-2232 RR		52.8	98	23	3.4	1.2	32.7	19.6	54.8	45.5	57.3	52.7
Asgrow	AG1702	CM	52.5	98	13	2.2	1.2	35.2	18.8	55.5	44.2	60.2	48.5
Mustang	M-207RR		52.4	97	18	2.8	1.1	33.9	19.0	53.2	44.5	61.2	50.0
Asgrow	AG1903	CM	52.2	97	17	2.8	1.1	34.1	18.8	52.4	41.1	62.2	54.8
DEKALB	DKB18-51	CM	51.3	95	12	2.6	1.1	33.8	19.8	53.2	42.9	56.5	51.3
SCN Resistant	* Check 1	CM	51.2	95	15	3.0	1.1	33.5	20.1	49.5	45.6	57.8	53.7
Prairie Brand	PB-1954RR		50.0	93	15	2.8	1.3	34.4	19.2	51.2	42.9	57.2	48.5
NK Brand	* S19-R5	CM	49.6	92	13	3.6	1.1	34.1	19.2	50.5	37.6	56.9	52.8
Kruger	K-177RR	CM	49.3	92	13	3.1	1.1	33.9	19.5	51.6	40.3	53.7	50.8
Pioneer	* 92M02	CM	47.9	89	14	3.1	1.1	34.0	19.3	45.7	38.1	56.2	52.4
Experiment Mean			53.8		18	3.3	1.2	33.9	19.3	54.9	45.5	60.1	54.7
Minimum Mean			47.9		12	2.2	1.0	32.5	18.6	45.7	37.6	53.7	47.9
Maximum Mean			56.4		23	4.6	1.5	35.5	20.1	60.6	52.3	64.5	61.1
LSD (0.25)			2.1		1	0.3	0.1	0.4	0.4	3.4	3.0	2.1	4.2
Coefficient of Variability			6.1							7.4	7.9	4.2	8.0

Table 12. Northwest district, 2006 district and single-location means. Non-SCN-resistant 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	Laurens	LuVerne	Manly	
Renze	R2626RR		56.4	107	24	3.3	1.4	33.3	18.4	58.4	47.5	59.9	59.8	
SCN Resistant	* Check 3	CM	55.1	106	18	4.2	1.2	34.4	19.2	55.8	51.7	57.7	58.5	
NuTech	NT-2333+RR	C	56.9	106	18	2.9	1.7	33.4	19.4	60.3	45.0	59.6	61.5	
NK Brand	* S26-V6	CM	55.2	104	23	4.6	1.7	33.2	19.7	55.8	51.1	58.0	55.6	
NK Brand	S23-H2	CM	54.9	104	16	3.8	1.2	33.3	19.5	56.7	46.9	57.4	57.9	
Asgrow	* AG2403	CM	54.8	104	17	2.3	1.2	34.1	19.7	53.7	48.4	58.8	59.0	
Excel	8232RR	CM	54.8	104	21	2.8	1.3	33.5	19.4	56.7	47.2	56.4	58.1	
Excel	8238RR	CM	54.8	103	20	3.3	1.3	34.7	18.9	53.0	50.0	59.1	57.8	
SCN Resistant	* Check 4	CM	54.4	103	21	2.8	1.3	32.3	19.7	47.5	56.6	55.4	58.2	
Excel	8249RR		54.3	103	20	2.9	1.2	34.0	18.7	52.8	45.5	58.9	59.3	
Prairie Brand	PB-2736RR		54.3	103	17	3.3	1.1	32.4	19.9	56.3	46.0	57.3	58.5	
DEKALB	* DKB26-53	CM	54.3	103	24	2.9	1.5	34.3	19.1	54.1	47.2	57.5	58.8	
Prairie Brand	PB-2536RR		54.2	102	23	3.3	1.4	33.2	18.7	54.9	44.1	58.6	58.2	
NK Brand	S27-L4	CM	54.1	102	22	3.6	1.2	33.2	19.2	56.4	45.4	57.1	58.0	
NuTech	NT-2707 RR		53.4	101	25	2.8	1.5	35.0	19.4	52.8	44.4	56.3	58.6	
Kruger	K-255RR	CM	53.3	101	22	4.4	1.4	34.0	18.9	55.8	45.3	53.9	57.6	
Renze	R2617RR		53.0	100	27	3.6	1.4	33.5	18.7	58.0	42.7	57.8	54.1	
Prairie Brand	PB-2456RR		52.9	100	20	2.1	1.4	33.4	19.5	59.2	43.0	52.4	58.1	
Merschman	Sioux IRR	SG	52.8	100	22	3.8	1.2	34.0	19.1	49.3	50.2	55.4	57.3	
NK Brand	S24-K6	CM	52.8	100	20	3.4	1.3	34.5	18.7	52.7	46.6	56.5	55.9	
Renk	RS253RR	AM	52.8	100	21	4.7	1.3	34.3	18.9	55.1	45.3	54.5	57.3	
Renk	RS265RR	AM	52.8	100	24	3.4	1.5	33.4	19.0	50.7	46.7	54.9	59.2	
Kruger	K-233+RR	CM	52.8	100	20	3.3	1.2	34.9	18.8	47.3	48.4	57.5	57.0	
Prairie Brand	PB-2565RR		52.6	99	22	3.0	1.5	34.8	18.8	49.8	48.6	56.5	55.6	
NK Brand	* S25-B9	CM	52.3	99	19	4.3	1.1	33.6	19.3	53.5	42.5	55.6	58.0	
NuTech	NT-2320 RR		52.2	99	23	3.5	1.4	32.5	19.5	49.9	50.4	51.0	55.2	
NK Brand	* S23-Z3	CM	52.0	98	16	4.3	1.6	33.7	19.6	52.4	43.0	56.5	55.8	
Prairie Brand	PB-2376RR		51.8	98	18	3.3	1.1	32.6	19.8	51.1	44.5	55.4	56.0	
Mustang	M-264RR		51.7	98	27	3.6	1.3	33.2	18.9	53.2	42.3	54.2	56.8	
Mustang	M-237RR		51.7	98	20	2.3	1.4	33.7	19.3	52.4	44.1	53.5	55.5	
NuTech	NT-2626 RR		51.5	97	22	4.8	1.3	34.6	18.7	51.5	42.6	53.7	57.1	
Farm Advantage	7253		51.5	97	23	3.1	1.5	34.3	19.0	44.6	47.5	55.7	56.8	
Kruger	K-259RR	CM	51.4	97	25	3.5	1.3	32.7	18.9	49.7	42.6	56.4	56.3	
Prairie Brand	PB-2645RR		51.2	97	26	3.4	1.2	32.4	19.6	52.0	42.9	55.3	54.6	
Mustang	M-257RR		51.1	97	23	3.0	1.5	34.8	19.1	48.5	43.1	55.5	56.8	
Kruger	K-234RR	CM	51.0	96	20	2.4	1.4	33.8	19.2	58.0	38.5	52.9	56.3	
Gold Country	2726RR		50.8	96	24	3.2	1.4	34.3	18.8	49.5	43.9	54.1	56.7	
JGL	230-I		49.7	94	23	3.3	1.3	32.3	19.1	46.4	46.4	52.5	53.5	
NuTech	NT-2700 RR		48.7	92	26	3.3	1.4	32.7	19.1	46.4	40.4	53.7	54.1	
Kruger	K-260RR/LINO	CM	47.9	91	25	3.6	1.4	34.4	18.6	49.3	42.8	52.7	48.2	
Experiment Mean			52.9		21	3.4	1.4	33.7	19.1	52.8	45.9	56.0	57.0	
Minimum Mean			47.9		16	2.1	1.1	32.3	18.4	44.6	38.5	51.0	48.2	
Maximum Mean			56.4		27	4.8	1.7	35.0	19.9	60.3	56.6	59.9	61.5	
LSD (0.25)			2.1		1	0.3	0.1	0.4	0.4	3.8	3.4	2.1	2.2	
Coefficient of Variability			6.1							8.7	9.0	4.6	4.6	

Table 13. Northeast district, 2006 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 %	LuVerne	Manly	New Hampton	Fayette
Kruger	K-210RR/SCN	CM	59.0	106	16	3.6	1.2	33.9	19.4	58.7	59.8	60.5	57.2
Prairie Brand	PB-2196NRR		58.3	105	17	3.9	1.3	34.1	19.6	58.5	57.9	60.7	56.2
SCN Susceptible	* Check 1	CM	58.2	105	17	3.2	1.2	34.1	19.7	57.9	57.4	56.6	61.7
NuTech	NT-2012 RR/SCN		58.2	105	15	2.3	1.3	34.1	19.8	57.2	57.4	61.2	56.4
Kruger	K-201RR/SCN	CM	58.0	105	14	3.0	1.3	34.6	19.6	58.0	57.8	59.7	56.8
Dyna-Gro	31D/20	CM	58.0	105	15	3.2	1.3	34.3	19.4	58.6	59.8	57.7	55.7
Thompson	T-2121+ RR/SCN	C	57.9	104	19	3.3	1.1	35.8	18.5	57.8	57.7	59.0	57.0
Asgrow	AG2002	CM	57.9	104	16	3.4	1.2	33.7	19.7	57.3	59.1	61.3	54.1
Merschman	Navaho 720RR	SG	57.8	104	15	3.3	1.3	34.4	19.6	58.6	59.1	58.8	54.2
NuTech	NT-2121 RR/SCN		57.5	104	19	3.4	1.2	35.6	18.6	56.7	59.2	58.4	55.7
Latham	E2158R		57.2	103	16	3.8	1.2	33.5	19.8	56.8	58.7	56.4	57.2
NuTech	NT-1808 RR/SCN		57.1	103	14	3.3	1.2	33.8	19.7	58.1	56.9	59.0	54.4
Kruger	K-222RR/SCN	CM	56.9	103	19	3.6	1.1	35.4	18.7	55.5	58.1	57.1	57.2
Thompson	T-7193+ RR/SCN	C	56.8	102	14	3.1	1.3	33.7	19.9	60.2	57.9	58.5	50.5
Trelay	2225RR	SG	56.8	102	20	3.4	1.3	35.6	18.5	60.5	56.6	55.3	55.4
Prairie Brand	PB-2056NRR		56.4	102	15	3.6	1.2	34.0	19.7	56.8	57.6	58.4	53.5
Latham	E2283R		56.2	101	19	3.5	1.1	35.7	18.5	57.5	55.9	56.6	53.7
Kruger	K-235RR/SCN	CM	56.2	101	22	4.1	1.3	34.0	19.7	57.5	56.7	55.7	55.1
Pioneer	* 92M40	CM	56.2	101	18	4.2	1.2	34.4	19.2	55.0	58.7	58.7	51.9
Prairie Brand	PB-2236NRR		55.5	100	19	2.9	1.1	35.4	18.6	55.4	55.4	57.5	53.9
Thompson	T-2324 RR/SCN		55.3	100	21	4.0	1.4	33.9	19.6	55.5	56.9	54.9	54.4
Kruger	K-188RR/SCN	CM	55.2	99	12	3.3	1.2	33.1	20.2	57.2	57.7	58.8	48.1
Thompson	T-2222 RR/SCN		55.0	99	14	2.8	1.3	34.2	19.6	56.0	56.8	59.9	46.6
SCN Susceptible	* Check 2	CM	54.9	99	16	4.3	1.7	33.7	19.6	54.8	55.1	55.9	53.7
Dyna-Gro	34K22	CM	54.8	99	18	3.8	1.3	34.6	19.4	55.8	54.6	56.1	52.7
FS HISDY	X06-22	CM	54.7	99	19	4.2	1.3	34.7	19.3	54.6	55.1	57.3	52.0
Dyna-Gro	33X19	CM	54.7	99	15	3.2	1.4	33.6	20.2	56.8	56.3	56.9	47.3
SCN Susceptible	* Check 3	CM	54.2	98	23	4.6	1.7	33.2	19.7	58.2	53.6	55.3	50.1
Asgrow	* AG2107	CM	54.0	97	15	3.0	1.3	33.5	20.1	54.3	57.8	55.9	47.9
DEKALB	* DKB22-52	CM	54.0	97	18	2.8	1.4	33.5	19.7	56.2	53.8	53.9	51.7
Dairyland	DSR-2000/RRSTS	CM	53.8	97	14	3.2	1.5	34.7	19.1	58.0	52.1	56.8	48.3
Prairie Brand	PB-2183NRR		53.8	97	14	3.3	1.2	33.2	20.1	56.9	55.0	56.0	47.0
Thompson	T-1717 RR/SCN		53.5	97	10	3.3	1.2	33.5	19.8	53.8	57.1	56.6	46.3
Kruger	K-195+RR/SCN	CM	53.4	96	13	2.8	1.3	33.5	20.0	58.1	54.4	52.8	47.9
Prairie Brand	PB-1936NRR		53.3	96	14	3.1	1.5	34.7	19.3	54.8	52.0	55.9	51.0
Prairie Brand	PB-1885NRR		53.2	96	12	3.2	1.2	33.4	20.2	54.2	55.0	55.5	47.7
NuTech	NT-7193 RR/SCN		53.1	96	13	3.3	1.3	33.7	20.0	55.7	54.5	55.7	46.7
NK Brand	S22-F5	CM	52.5	95	16	3.0	2.0	34.6	19.2	55.0	54.3	50.9	50.1
Latham	E1885R		52.5	95	14	3.2	1.6	34.7	19.2	55.6	55.2	50.8	48.3
Viking	1908CNRR	Gs	52.3	94	12	2.9	1.3	33.3	20.1	53.4	55.6	53.2	47.0
SCN Susceptible	* Check 4	CM	52.2	94	14	3.1	1.2	34.0	19.3	51.1	53.3	54.9	50.0
NK Brand	* S19-L7	CM	51.6	93	12	2.5	1.2	34.5	19.1	52.9	54.2	53.2	47.1
Experiment Mean			55.4		16	3.4	1.3	34.2	19.5	56.5	56.4	56.8	52.1
Minimum Mean			51.6		10	2.3	1.1	33.1	18.5	51.1	52.0	50.8	46.3
Maximum Mean			59.0		23	4.6	2.0	35.8	20.2	60.5	59.8	61.3	61.7
LSD (0.25)			1.7		1	0.3	0.1	0.4	0.4	2.0	1.8	2.5	1.4
Coefficient of Variability			4.1							4.3	3.9	5.4	3.4

Table 14. Northeast district, 2006 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 %	LuVerne	Manly	New Hampton	Fayette
NuTech	NT-2324+ RR/SCN	C	58.0	105	21	3.9	1.4	33.4	19.5	59.8	59.9	56.7	55.8
SCN Susceptible	* Check 1	CM	58.0	105	17	2.3	1.3	34.1	19.7	54.4	59.3	58.5	59.3
Pioneer	* 92M61	CM	57.7	105	21	2.8	1.6	32.3	19.7	57.0	59.9	58.1	56.1
Kruger	K-276RR/SCN	CM	57.7	104	23	4.1	1.6	35.1	17.8	56.8	60.3	58.5	55.5
Thompson	T-2770+ RR/SCN	C	57.5	104	23	3.7	1.7	35.1	18.0	57.9	60.4	57.4	54.3
Excel	8236NRR	CM	56.8	103	19	3.7	1.2	35.0	18.8	54.6	58.4	56.1	58.0
Asgrow	AG2406	CM	56.7	103	21	3.8	1.5	33.8	19.6	54.7	59.5	58.4	54.0
NuTech	NT-2680 RR/SCN	CM	56.6	102	21	3.3	1.4	32.0	19.4	57.3	60.2	54.2	54.9
Thompson	T-2777+ RR/SCN	C	56.5	102	27	3.2	1.9	32.5	19.4	56.7	57.3	57.9	54.3
Pioneer	* 92M40	CM	56.5	102	18	4.2	1.3	34.4	19.2	54.6	61.3	57.6	52.8
SCN Susceptible	* Check 5	CM	56.3	102	24	2.9	1.7	34.3	19.1	53.6	58.4	54.9	57.7
Kruger	K-287RR/SCN	CM	56.2	102	26	2.9	2.0	34.0	18.8	55.6	58.2	56.3	54.9
Dyna-Gro	35F25	CM	56.2	102	21	3.3	1.7	34.7	18.1	56.6	57.4	56.8	54.1
Thompson	T-2444+ RR/SCN	C	56.2	102	21	2.8	1.8	34.5	18.3	56.1	56.9	58.0	53.4
NuTech	NT-2777 RR/SCN	CM	56.1	101	27	3.8	1.9	32.1	19.2	56.5	56.8	56.2	55.0
Dyna-Gro	33D27	CM	56.0	101	26	3.5	1.9	32.1	19.5	56.4	56.7	56.7	53.3
NuTech	NT-2770 RR/SCN	CM	55.9	101	24	4.3	1.7	34.8	18.0	57.1	59.1	52.0	55.5
Asgrow	AG2603	CM	55.9	101	21	3.8	1.7	34.0	18.4	57.0	61.2	55.6	49.5
NuTech	NT-2424 RR/SCN	CM	55.9	101	20	3.8	1.7	34.1	18.9	56.7	56.4	57.8	52.9
DEKALB	DKB24-52	CM	55.7	101	20	3.9	1.6	34.0	18.9	55.3	58.0	55.5	54.6
Merschman	Mohegan 624RR	SG	55.7	101	21	3.9	1.6	33.8	19.0	56.5	56.7	58.2	52.0
Kruger	K-237RR/SCN	CM	55.7	101	24	4.5	1.7	35.5	18.7	55.0	56.7	56.7	54.1
Prairie Brand	PB-2794NRR	CM	55.5	100	26	3.2	2.0	33.7	18.9	59.1	56.7	52.3	53.6
Kruger	K-244RR/SCN	CM	55.5	100	21	3.1	1.7	34.8	18.2	55.3	55.9	55.9	54.4
Viking	2368CNRR	Gs	55.3	100	21	4.2	1.4	33.1	19.6	55.1	59.9	54.1	52.3
Prairie Brand	PB-2596NRR	CM	54.8	99	21	2.7	1.7	34.4	18.4	55.0	54.9	55.4	54.3
NuTech	NT-2444 RR/SCN	CM	54.8	99	21	2.6	2.0	35.0	18.1	56.5	54.4	54.7	54.3
Prairie Brand	PB-2385NRR	CM	54.8	99	21	3.8	1.6	34.3	18.5	54.2	56.9	58.0	50.8
Dyna-Gro	36D24	CM	54.7	99	21	4.3	1.7	34.8	18.4	55.7	56.2	55.2	52.7
Merschman	Comanche 725RR	SG	54.7	99	21	2.9	1.7	34.6	18.3	54.1	54.5	56.3	53.6
Kruger	K-275RR/SCN	CM	54.7	99	26	3.3	1.8	31.8	19.7	55.4	55.2	54.6	53.5
FS HISOY	X06-27	CM	54.4	99	26	3.1	1.8	31.5	19.8	53.3	55.9	55.6	52.9
Prairie Brand	PB-2636NRR	CM	54.4	98	27	3.4	1.8	32.2	19.5	54.2	55.8	57.2	51.1
Merschman	Shawnee 527RR	SG	54.3	98	26	3.8	1.7	34.9	18.2	52.5	57.6	52.6	54.1
Thompson	T-2701 RR/SCN	CM	54.3	98	23	3.6	1.4	35.0	18.6	56.2	53.5	52.4	52.4
JGL	260-N	CM	54.3	98	27	3.3	1.8	33.1	18.7	49.6	55.8	55.3	56.6
Kruger	K-279RR/SCN	CM	54.2	98	28	3.9	1.8	35.0	18.4	52.6	55.7	54.1	54.2
Prairie Brand	PB-2494NRR	CM	54.1	98	21	3.3	1.9	33.8	18.6	57.1	57.1	52.9	47.8
DEKALB	DKB27-53	CM	54.0	98	26	3.8	2.1	32.0	19.5	55.6	54.3	54.8	51.1
SCN Susceptible	* Check 2	CM	54.0	98	16	4.3	1.9	33.7	19.6	54.7	54.5	53.6	53.6
SCN Susceptible	* Check 3	CM	53.9	98	23	4.6	1.9	33.2	19.7	56.8	56.4	52.3	49.5
Thompson	T-2440+ RR/SCN	C	53.8	97	22	2.6	1.9	34.9	18.2	56.8	53.4	51.0	53.7
Renk	RS246NRR	AM	53.7	97	21	3.9	1.6	34.4	18.8	52.9	53.9	56.6	51.9
Prairie Brand	PB-2316NRR	CM	52.9	96	20	3.8	1.4	34.2	19.0	52.4	54.5	51.1	53.1
Thompson	T-2616 RR/SCN	CM	52.4	95	28	3.9	1.7	35.6	18.3	53.1	53.8	49.2	52.3
Experiment Mean			55.2		22	3.5	1.7	34.0	18.8	55.4	56.8	55.3	53.4
Minimum Mean			52.4		16	2.3	1.2	31.5	17.8	49.6	53.4	49.2	47.8
Maximum Mean			58.0		28	4.6	2.1	35.6	19.8	59.8	61.3	58.5	59.3
LSD (0.25)			1.5		1	0.3	0.2	0.4	0.4	2.1	2.0	2.7	1.8
Coefficient of Variability			4.4							4.7	4.2	5.8	4.1

Table 15. Northeast district, 2006 district and single-location means. Non-SCN-resistant means. 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 %	LuVerne	Manly	New Hampton	Fayette
Thompson	T-7206+ RR	C	62.3	108	17	2.3	1.2	33.9	19.1	65.9	57.8	62.5	62.8
Kruger	K-223+RR	CM	61.4	107	19	2.8	1.3	33.4	19.3	64.1	57.3	60.6	63.2
NuTech	NT-7205+ RR	C	61.0	106	17	2.8	1.2	33.4	19.6	62.3	55.8	63.4	62.5
Asgrow	* AG2403	CM	60.8	105	17	2.3	1.2	34.1	19.7	63.7	58.1	59.7	61.7
Gold Country	6221RR		59.8	104	18	2.8	1.3	33.5	19.5	61.9	53.6	62.0	61.4
Prairie Brand	PB-2141RR		59.8	104	17	2.8	1.2	33.5	19.4	61.2	56.2	60.0	61.7
NuTech	NT-7234 RR		59.8	104	18	2.9	1.4	33.2	19.7	63.7	59.3	59.2	57.2
NK Brand	S21-N6	CM	59.6	103	16	3.6	1.2	33.9	20.1	61.2	59.9	61.4	56.6
SCN Resistant	* Check-3	CM	59.5	103	18	4.2	1.2	34.4	19.2	58.9	58.4	62.7	57.6
Excel	8219RR	CM	59.4	103	20	2.8	1.4	33.8	18.6	63.4	56.6	55.3	61.6
FS HISDY	HS 2025	CM	59.2	103	19	2.8	1.3	33.4	19.6	61.7	54.2	62.2	58.5
Kruger	K-194RR	CM	59.0	102	19	3.0	1.3	33.8	19.3	61.4	54.5	58.9	60.6
Thompson	T-2220+ RR	C	58.9	102	20	3.0	1.4	34.1	18.7	62.2	56.5	55.3	62.0
NuTech	NT-2220 RR		58.9	102	19	2.9	1.3	33.9	18.6	61.0	55.4	57.8	60.9
Excel	8204RR	CM	58.5	102	18	4.2	1.4	35.6	19.2	61.5	54.6	57.2	60.0
Kruger	K-211+RR	CM	58.4	101	19	2.5	1.3	33.3	19.9	60.8	56.3	59.9	56.4
Prairie Brand	PB-2276RR		58.4	101	20	2.6	1.4	33.0	19.7	61.1	55.7	61.1	56.0
Dairyland	DSR-234/RR	CM	58.2	101	19	3.7	1.2	35.3	18.9	61.0	55.8	56.3	59.9
NuTech	NT-2213 RR		58.0	101	21	4.4	1.6	35.5	18.9	61.6	53.7	63.8	54.3
Dairyland	DSR-2200/RR	CM	58.0	101	20	3.1	1.4	34.4	19.4	61.9	57.8	55.9	56.8
Prairie Brand	PB-1916RR		57.9	101	18	3.0	1.2	33.0	19.3	59.1	56.3	56.1	59.9
NuTech	NT-1991 RR		57.9	100	18	2.6	1.2	33.1	19.5	59.3	55.9	56.9	59.7
SCN Resistant	* Check-2	CM	57.9	100	18	2.8	1.3	33.5	19.7	62.0	54.9	57.7	57.1
Asgrow	AG2204	CM	57.6	100	18	3.8	1.2	35.6	18.9	59.8	53.6	59.1	57.6
Asgrow	AG1903	CM	57.6	100	17	2.8	1.2	34.1	18.8	60.4	53.6	58.5	58.0
Renk	RS223RR	AM	57.5	100	19	2.8	1.3	33.3	19.6	58.4	57.4	57.4	57.3
Prairie Brand	PB-2243RR		57.0	99	19	2.6	1.4	33.2	19.9	60.4	55.3	56.6	56.0
NK Brand	* S23-Z3	CM	56.9	99	16	4.3	1.6	33.7	19.6	62.0	53.4	55.1	56.7
Kruger	K-177RR	CM	56.8	99	13	3.1	1.3	33.9	19.5	55.2	52.0	60.2	59.6
SCN Resistant	* AG2107	CM	56.6	98	15	3.0	1.3	33.5	20.1	57.6	57.8	57.0	54.2
NK Brand	* S19-R5	CM	56.5	98	13	3.6	1.3	34.1	19.2	56.8	55.5	58.3	55.7
Merschman	Mars 618RR	SG	56.4	98	17	2.8	1.3	33.3	19.8	59.5	54.9	57.4	53.4
Asgrow	AG2106	CM	56.3	98	15	3.4	1.2	34.4	19.1	57.7	52.7	57.8	56.9
Farm Advantage	7224		56.2	98	20	4.0	1.5	35.1	19.0	58.9	57.7	52.7	56.2
Viking	2280RR	Gs	56.0	97	22	4.3	1.5	35.2	19.2	58.5	52.0	56.9	56.5
Prairie Brand	PB-1954RR		56.0	97	15	2.8	1.5	34.4	19.2	58.3	48.9	56.1	59.9
Pioneer	* 92M02	CM	55.9	97	14	3.1	1.2	34.0	19.3	56.7	51.6	58.6	56.2
Kruger	K-226RR	CM	55.8	97	21	4.1	1.5	35.1	19.3	57.6	52.8	56.0	56.4
Viking	2029RR		55.3	96	17	2.9	1.2	34.8	18.7	58.3	53.1	52.9	57.5
Thompson	T-2213+ RR	C	55.0	95	21	4.1	1.5	35.2	18.8	59.9	47.1	54.0	58.0
Gutwein	H-1961 RR	AM	54.9	95	17	3.2	1.3	33.1	19.6	54.8	53.1	55.5	56.1
Prairie Brand	PB-2216RR		54.6	95	21	4.0	1.5	35.4	18.9	58.1	52.1	53.3	55.2
Thompson	T-2232+ RR	C	54.0	94	23	3.6	1.4	32.5	19.9	58.8	50.3	54.4	52.1
NK Brand	* S26-V6	CM	53.5	93	23	4.6	1.7	33.2	19.7	59.2	51.2	53.4	50.4
NuTech	NT-2232 RR		53.5	93	23	3.4	1.4	32.7	19.6	55.9	53.7	52.3	52.5
Experiment Mean			57.6		18	3.3	1.4	34.0	19.4	60.1	54.8	57.7	57.7
Minimum Mean			53.5		13	2.3	1.2	32.5	18.6	54.8	47.1	52.3	50.4
Maximum Mean			62.3		23	4.6	1.7	35.6	20.1	65.9	59.9	63.8	63.2
LSD (0.25)			1.8		1	0.3	0.1	0.4	0.4	1.9	3.0	2.9	1.8
Coefficient of Variability			4.6							3.9	6.7	6.2	3.8

Table 16. Northeast district, 2006 district and single-location means. Non-SCN-resistant means. 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 %	LuVerne	Manly	New Hampton	Fayette
Excel	8232RR	CM	58.9	106	21	2.8	1.3	33.5	19.4	55.3	59.1	59.7	60.0
Gutwein	H-2448 RR	AM	58.3	105	20	4.0	1.2	34.4	18.8	55.8	58.2	58.9	59.2
SCN Resistant	* Check 3	CM	58.1	105	18	4.2	1.2	34.4	19.2	57.0	62.0	59.0	55.5
Asgrow	* AG2403	CM	58.1	105	17	2.3	1.2	34.1	19.7	50.7	59.1	60.4	62.7
NK Brand	SZ7-L4	CM	58.1	105	22	3.6	1.3	33.2	19.2	55.3	62.0	56.7	57.2
Dairyland	DSR-2300/RR	CM	57.5	103	20	2.5	1.3	32.7	19.3	55.3	57.5	59.6	56.5
Renk	RS253RR	AM	57.3	103	21	4.7	1.5	34.3	18.9	52.4	58.9	59.4	58.5
Prairie Brand	PB-2565RR	CM	57.1	103	22	3.0	1.2	34.8	18.8	51.9	60.3	58.5	58.1
SCN Resistant	* Check 4	CM	56.8	102	21	2.8	1.5	32.3	19.7	53.2	59.7	58.3	55.7
NK Brand	SZ3-H2	CM	56.7	102	16	3.8	1.5	33.3	19.5	55.6	57.8	57.8	56.2
DEKALB	* DKB26-53	CM	56.7	102	24	2.9	1.8	34.3	19.1	53.6	60.2	55.1	57.4
FS HISOY	X06-23	CM	56.5	102	20	4.3	1.7	34.2	19.9	55.0	58.9	54.4	57.8
Prairie Brand	PB-2736RR	CM	56.4	102	17	3.3	1.3	32.4	19.1	53.0	57.4	60.2	56.0
Kruger	K-295RR	CM	56.4	101	22	4.4	1.5	34.0	18.9	49.0	60.2	57.1	59.0
Prairie Brand	PB-2356RR	CM	56.4	101	21	2.6	1.4	33.5	18.9	54.6	58.6	55.1	57.7
Dairyland	DSR-2600/RR	CM	56.3	101	21	3.4	1.6	32.9	18.9	52.8	60.2	54.3	59.0
FS HISOY	HS 2345	CM	56.3	101	18	3.2	1.3	34.4	19.1	53.4	58.0	54.5	58.9
Excel	8238RR	CM	56.2	101	20	3.3	1.5	34.7	18.9	53.8	57.0	57.2	55.2
Prairie Brand	PB-2536RR	CM	56.0	101	23	3.3	1.6	33.2	18.7	52.3	58.4	53.3	60.2
Asgrow	AG2605	CM	55.9	101	18	2.4	1.5	32.9	19.6	52.3	57.4	56.5	57.3
Kruger	K-233+RR	CM	55.7	100	20	3.3	1.3	34.9	18.8	52.2	57.0	55.3	57.2
FS HISOY	HS 2645	CM	55.3	100	24	3.1	1.8	33.7	19.4	50.7	57.7	54.7	58.2
Dyna-Gro	37T26	CM	55.3	100	23	3.3	1.9	33.7	19.0	55.7	57.9	51.0	56.2
NK Brand	* S23-Z3	CM	55.3	100	16	4.3	2.0	33.7	19.6	53.7	57.6	57.0	53.0
Prairie Brand	PB-2443RR	CM	55.2	99	22	4.1	1.6	33.3	19.3	51.1	58.3	54.1	58.1
NK Brand	S24-K6	CM	55.0	99	20	3.4	1.4	34.5	18.7	54.0	54.6	58.5	52.0
Trelay	2263RR	SG	54.9	99	22	2.8	1.7	33.3	19.1	52.5	57.8	53.2	56.1
Kruger	K-234RR	CM	54.5	98	20	2.4	1.6	33.8	19.2	50.5	58.1	53.4	56.1
Renk	RS265RR	AM	54.5	98	24	3.4	1.7	33.4	19.0	51.6	57.2	50.9	58.3
Trelay	2232RR	SG	54.3	98	20	4.0	1.5	34.0	18.9	50.2	60.7	55.7	50.5
Farm Advantage	7253	CM	54.2	98	23	3.1	1.7	34.3	19.0	49.7	56.1	55.1	55.5
Kruger	K-259RR	CM	54.0	97	25	3.5	1.5	32.7	18.9	50.3	54.0	54.8	57.3
Dyna-Gro	31N27	CM	54.0	97	27	3.6	1.6	32.5	19.1	49.1	53.4	55.9	58.0
Prairie Brand	PB-2645RR	CM	53.9	97	26	3.4	1.5	32.4	19.6	50.4	56.2	52.9	56.8
NK Brand	* S26-V6	CM	53.8	97	23	4.6	1.9	33.2	19.7	54.1	55.3	53.6	52.7
NK Brand	* S25-B9	CM	53.8	97	19	4.3	1.2	33.6	19.3	49.5	56.3	54.9	53.9
Merschman	Sioux IIRR	SG	52.4	94	22	3.8	1.3	34.0	19.1	49.6	54.7	51.9	53.8
NuTech	NT-2333+ RR	C	51.9	93	18	2.9	2.4	33.4	19.4	52.0	60.1	45.2	50.5
Kruger	K-260RR/LINO	CM	51.7	93	25	3.6	1.6	34.4	18.6	50.5	55.9	48.0	52.6
NuTech	NT-2320 RR	CM	51.4	93	23	3.5	1.6	32.5	19.5	49.3	55.5	47.2	53.4
Experiment Mean			55.5		21	3.4	1.5	33.6	19.2	52.6	58.0	55.1	56.5
Minimum Mean			51.4		16	2.3	1.2	32.3	18.6	49.0	53.4	45.2	50.5
Maximum Mean			58.9		27	4.7	2.4	34.9	19.9	57.0	62.0	60.4	62.7
LSD (0.25)			1.9		1	0.3	0.1	0.4	0.4	2.2	1.8	3.3	1.9
Coefficient of Variability			4.7							5.1	3.7	7.3	4.1

Table 17. Central-west district, 2006 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 %	Liddertdale	Ames	Iowa Falls	
Pioneer	* 92M61	CM	55.9	109	25	2.8	1.2	33.1	19.4	58.9	50.9	57.3	
Thompson	T-2660+ RR/SCN	C	55.6	109	30	3.4	1.2	32.6	19.1	62.1	49.2	55.5	
NuTech	NT-2222+ RR/SCN	C	54.8	107	18	2.5	1.1	33.6	20.0	59.8	51.6	52.8	
Thompson	T-2222 RR/SCN		54.7	107	20	2.8	1.0	33.7	20.0	57.8	52.6	53.4	
Prairie Brand	PB-2494NRR		54.6	107	26	3.3	1.1	34.3	18.5	64.6	50.1	48.8	
NuTech	NT-2424 RR/SCN		54.5	107	22	3.8	1.2	33.7	19.0	61.9	48.9	52.4	
Asgrow	AG2603	CM	54.2	106	24	3.8	1.1	33.9	18.3	57.7	54.5	50.9	
SCN Susceptible	* Check 8	CM	54.1	106	29	3.3	1.1	33.9	18.3	55.8	51.7	54.5	
DEKALB	DKB27-52	CM	54.1	106	28	3.2	1.3	32.8	19.1	60.9	47.2	54.4	
Thompson	T-2777+ RR/SCN	C	53.8	105	29	3.2	1.2	33.0	19.2	60.8	53.1	48.4	
Excel	8236NRR	CM	53.5	105	23	3.7	1.4	35.1	18.7	55.7	51.3	54.2	
Prairie Brand	PB-2636NRR		53.3	104	28	3.4	1.2	31.9	19.5	57.1	52.5	50.4	
Kruger	K-275RR/SCN	CM	53.2	104	26	3.3	1.2	33.2	19.2	62.3	46.0	51.1	
Prairie Brand	PB-2316NRR		52.8	103	21	3.8	1.1	33.9	19.4	58.8	47.1	52.3	
Kruger	K-235RR/SCN	CM	52.7	103	27	4.1	1.3	33.4	19.3	58.9	44.7	55.0	
NuTech	NT-2777 RR/SCN		52.6	103	28	3.8	1.3	32.6	19.5	59.5	50.4	48.2	
Dyna-Gro	33D27	CM	52.3	102	28	3.5	1.3	33.2	19.1	57.8	48.0	50.6	
SCN Susceptible	* Check 3	CM	51.9	101	25	4.6	1.3	32.9	19.5	56.6	46.4	53.0	
Merschman	Mohegan 624RR	SG	51.7	101	23	3.9	1.3	34.2	18.9	57.8	44.3	53.2	
Renze	R2496RRcn		51.5	101	24	4.2	1.1	33.7	19.3	59.5	43.2	51.5	
NuTech	NT-2324+ RR/SCN	C	51.3	100	27	3.9	1.3	34.2	19.2	58.6	41.3	54.2	
Prairie Brand	PB-2365NRR		51.3	100	23	3.8	1.2	34.4	18.8	59.3	42.0	53.1	
Thompson	T-2444+ RR/SCN	C	51.3	100	26	2.8	1.5	34.6	18.2	55.7	47.0	51.2	
Kruger	K-276RR/SCN	CM	51.1	100	28	4.1	1.2	35.7	17.6	60.7	43.1	48.7	
Asgrow	AG2406	CM	51.0	100	24	3.8	1.1	34.6	19.3	56.8	41.8	53.8	
NuTech	NT-2770 RR/SCN		50.9	100	27	4.3	1.4	35.1	17.6	57.3	43.4	51.6	
NuTech	NT-2444 RR/SCN		50.9	100	26	2.6	1.3	34.6	18.1	57.2	46.3	49.1	
Renze	R2587RRcn		50.7	99	25	2.7	1.4	34.9	17.8	57.6	43.5	51.3	
Dyna-Gro	35F25	CM	50.7	99	27	3.3	1.3	34.3	18.2	55.0	45.5	51.3	
Thompson	T-2770+ RR/SCN	C	50.4	99	29	3.7	1.3	36.5	17.6	60.5	39.1	51.4	
Dyna-Gro	37G24	CM	50.4	99	24	3.5	1.2	35.4	18.6	54.1	45.4	51.7	
SCN Susceptible	* Check 1	CM	50.3	98	24	2.3	1.0	34.2	19.6	59.3	40.2	51.0	
Prairie Brand	PB-2596NRR		50.3	98	25	2.7	1.4	35.0	18.1	57.1	44.4	48.6	
SCN Susceptible	* Check 5	CM	49.9	98	25	2.9	1.2	34.1	18.8	62.4	40.1	47.2	
Latham	E2583R		49.7	97	26	2.9	1.3	34.4	18.2	53.5	45.3	50.3	
Prairie Brand	PB-2794NRR		49.6	97	28	3.2	1.4	35.3	18.1	57.6	44.7	47.2	
Merschman	Comanche 725RR	SG	49.2	96	26	2.9	1.3	34.8	18.1	54.1	43.5	49.7	
SCN Susceptible	* Check 9	CM	49.2	96	28	3.6	1.1	32.9	19.6	59.8	37.6	49.9	
Kruger	K-286RR/SCN	CM	49.0	96	33	3.9	1.1	34.7	17.9	53.9	43.5	48.9	
Thompson	T-2616 RR/SCN		48.9	96	29	3.9	1.4	35.4	18.5	57.0	38.9	51.0	
Kruger	K-244RR/SCN	CM	48.7	95	26	3.1	1.1	33.6	18.4	54.9	44.2	47.8	
Excel	8271NRR	CM	48.4	95	33	4.1	1.6	33.0	17.9	55.7	43.8	46.6	
Kruger	K-279RR/SCN	CM	48.2	94	28	3.9	1.2	35.7	18.2	57.8	39.3	47.8	
DEKALB	DKB27-53	CM	47.9	94	29	3.8	1.5	32.6	19.2	54.3	42.4	46.7	

continued—

Table 17. Central-west district, 2006 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 %	Lidderdale	Ames	Iowa Falls
SCN Susceptible	* Check 6	CM	47.7	93	31	3.7	1.5	32.9	19.1	60.2	39.7	43.1
JGL	260-N		47.3	93	30	3.3	1.3	33.6	18.5	57.4	39.2	46.0
SCN Susceptible	* Check 7	CM	47.1	92	27	4.2	1.0	33.6	18.9	55.8	38.8	45.6
Excel	8260NNRR	CM	47.0	92	29	3.8	1.4	35.1	18.7	53.3	36.9	51.0
Merschman	Shawnee 527RR	SG	46.5	91	28	3.8	1.4	35.4	18.0	54.9	36.0	48.0
Experiment Mean			51.1		26	3.5	1.3	34.1	18.7	57.9	44.8	50.6
Minimum Mean			46.5		18	2.3	1.0	31.9	17.6	53.3	36.0	43.1
Maximum Mean			55.9		33	4.6	1.6	36.5	20.0	64.6	54.5	57.3
LSD (0.25)			2.9		2	0.3	0.2	1.8	0.7	2.3	3.2	2.8
Coefficient of Variability			6.0							4.9	8.6	6.7

Table 18. Central-west district, 2006 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 %	Liddertdale	Ames	Iowa Falls	
SCN Susceptible	* Check 9	CM	55.2	113	28	3.6	1.5	32.9	19.6	58.3	50.7	56.3	
Prairie Brand	PB-2956NRR	CM	53.4	110	33	3.6	1.5	34.3	18.6	61.1	56.9	41.8	
Asgrow	AG2802	CM	52.4	108	29	3.2	1.4	33.0	19.3	59.1	51.3	47.4	
SCN Susceptible	* Check 5	CM	52.2	107	25	2.9	1.6	34.1	18.8	58.7	55.3	42.6	
NK Brand	S28-Y2	CM	52.1	107	31	3.8	1.2	32.9	19.2	56.8	51.2	48.9	
SCN Susceptible	* Check 6	CM	51.7	106	31	3.7	1.9	32.9	19.1	61.5	50.1	43.5	
SCN Susceptible	* Check 8	CM	51.6	106	29	3.3	1.2	33.9	18.3	54.1	53.3	48.2	
Latham	L2884R	CM	51.6	106	31	3.2	1.6	34.2	18.7	57.9	48.6	48.7	
SCN Susceptible	* Check 7	CM	51.5	106	27	4.2	1.4	33.6	18.9	57.2	49.9	47.5	
Thompson	T-3030+ RR/SCN	C	50.8	104	36	2.8	1.4	33.7	18.2	56.5	46.6	49.3	
Dyna-Gro	36C28	CM	50.8	104	30	3.3	1.9	32.2	19.0	56.5	47.4	48.3	
Dyna-Gro	34N30	CM	50.6	104	35	2.8	1.6	33.9	18.1	56.1	48.3	47.5	
NK Brand	S30-J8	CM	50.2	103	32	4.3	1.4	34.7	18.4	55.6	45.8	49.6	
NuTech	NT-3030 RR/SCN	CM	49.6	102	36	3.1	1.6	34.4	17.8	58.7	48.0	41.8	
Thompson	T-2880+ RR/SCN	C	49.3	101	30	3.0	1.8	32.8	18.8	55.2	46.3	47.4	
NuTech	NT-2880 RR/SCN	CM	49.1	101	29	3.1	1.9	32.1	18.7	54.4	44.6	49.3	
SCN Susceptible	* Check 10	CM	48.9	101	29	3.3	1.7	34.5	17.8	56.4	49.7	40.3	
Kruger	K-283RR/SCN	CM	48.9	100	32	3.0	1.4	32.1	19.2	53.4	45.4	47.9	
NuTech	NT-3131 RR/SCN	CM	48.8	100	30	3.0	1.5	33.7	19.5	56.4	43.9	46.2	
Kruger	K-315RR/SCN	CM	48.7	100	32	3.3	1.8	32.4	18.4	56.1	44.8	45.6	
NuTech	NT-2799V RR/SCN	CM	48.6	100	27	4.2	1.2	34.9	18.3	59.3	49.1	37.4	
Merschman	Cherokee 729RR	SG	48.4	99	33	3.8	1.1	35.7	17.4	55.3	49.4	40.0	
Latham	L2887R	CM	48.3	99	28	3.6	1.7	34.8	18.3	60.5	44.0	40.9	
Kruger	K-287RR/SCN	CM	48.3	99	30	2.9	1.5	34.7	18.5	55.9	43.8	45.0	
Merschman	Hoover 730RR	SG	48.1	99	36	2.4	1.4	32.5	18.6	56.4	47.9	40.0	
Kruger	K-341RR/SCN	CM	48.1	99	34	3.5	1.3	34.0	18.2	56.3	46.5	41.8	
Excel	8308NRR	CM	48.0	99	31	2.7	1.9	33.2	18.5	50.9	44.9	48.4	
Prairie Brand	PB-3056NRR	CM	47.3	97	36	2.8	1.6	33.7	18.0	54.2	49.5	37.8	
Kruger	K-292RR/SCN	CM	47.3	97	28	3.8	1.6	34.2	18.8	57.3	44.0	40.1	
Renze	R2996RRcn	CM	47.2	97	28	3.3	1.9	34.0	18.2	55.0	45.6	40.7	
Prairie Brand	PB-2896NRR	SG	47.1	97	30	3.2	1.7	33.0	18.6	51.2	45.5	44.8	
Merschman	Chickasaw 728RR	SG	46.9	96	33	3.2	1.4	32.8	18.8	54.2	44.7	41.4	
Excel	8301NRR	CM	46.9	96	31	4.0	1.7	33.5	18.2	52.6	46.6	40.9	
Prairie Brand	PB-2994NRR	CM	46.5	96	27	3.6	1.8	35.2	17.9	56.6	39.9	43.3	
NuTech	NT-2919 RR/SCN	CM	46.5	96	28	3.7	1.9	33.4	18.6	53.4	45.6	40.1	
Asgrow	AG3101	CM	46.1	95	31	4.5	1.2	35.3	17.1	57.7	42.9	37.6	
Dyna-Gro	35P29	CM	45.7	94	28	3.3	1.9	34.5	18.4	54.2	44.8	38.3	
Excel	8288NNRR	CM	45.6	94	30	4.1	1.6	32.7	18.6	52.7	40.8	43.5	
Kruger	K-333RR/SCN	CM	45.1	93	36	3.4	1.9	33.8	18.4	51.6	41.7	42.0	
Excel	8291NNRR	CM	45.0	93	28	3.0	1.9	33.1	17.6	53.3	43.8	37.7	
Renze	R2887RRcn	CM	44.7	92	33	3.3	1.5	32.9	18.4	52.8	42.1	38.5	
Merschman	Jefferson 630RR	SG	44.7	92	28	3.7	2.0	34.3	18.2	53.2	42.1	38.1	
Prairie Brand	PB-3316NRR	CM	44.2	91	36	3.6	2.1	34.0	18.2	0.0	40.2	41.0	
Experiment Mean			48.7		31	3.4	1.6	33.7	18.5	55.9	46.6	43.5	
Minimum Mean			44.2		25	2.4	1.1	32.1	17.1	51.2	39.9	37.4	
Maximum Mean			55.2		36	4.5	2.1	35.7	19.6	61.5	56.9	56.3	
LSD (0.25)			2.9		2	0.3	0.3	1.8	0.7	2.1	2.4	4.5	
Coefficient of Variability			6.6							4.6	6.2	12.6	

Table 19. Central–west district, 2006 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 %	Lidderdale	Ames	Iowa Falls		
SCN Resistant	* Check 4	CM	59.2	114	25	2.8	1.2	33.1	19.4	62.6	57.9	57.4		
NK Brand	S27-L4	CM	56.3	109	30	3.6	1.1	33.5	18.9	58.1	52.8	58.1		
Thompson	T-7206 RR		54.7	106	24	3.1	1.2	32.9	19.8	57.6	54.0	53.1		
	8257RR	CM	54.4	105	30	2.7	1.6	35.5	18.7	59.4	51.6	52.4		
DEKALB	* DKB26-53	CM	54.0	104	25	2.9	1.4	34.1	18.8	60.9	50.2	51.8		
Thompson	T-2213+ RR	C	53.4	103	25	4.1	1.2	34.6	19.0	58.1	50.4	52.0		
Renze	R2645RR		53.3	103	27	3.2	1.5	34.4	18.7	58.7	51.9	49.5		
Prairie Brand	PB-2565RR		53.2	103	25	3.0	1.5	34.7	18.8	58.3	51.3	49.6		
NK Brand	* S25-B9	CM	53.1	103	25	4.3	1.1	33.9	19.1	59.0	51.6	48.8		
Excel	8238RR	CM	53.0	102	25	3.3	1.3	35.1	18.6	56.6	50.7	51.7		
Excel	8241RR/STS	CM	53.0	102	23	3.3	1.1	33.9	18.3	59.8	51.8	47.2		
NK Brand	S23-H2	CM	52.9	102	23	3.8	1.3	32.5	19.6	60.8	49.5	48.6		
Asgrow	* AG2403	CM	52.7	102	24	2.3	1.2	34.2	19.6	60.6	50.1	47.5		
Pioneer	* 92M91	CM	52.7	102	28	2.6	1.5	32.9	19.6	56.5	51.1	50.0		
NuTech	NT-2333+ RR	C	52.6	102	21	2.9	1.9	32.6	19.3	55.3	56.6	45.6		
Excel	8248RR/STS	CM	52.4	101	29	3.5	1.2	33.3	18.7	57.0	50.8	50.1		
Farm Advantage	7264+		52.4	101	29	3.4	1.5	33.9	18.5	58.0	46.7	52.3		
NK Brand	* S29-J6	CM	52.4	101	29	3.3	1.3	33.9	18.3	55.0	51.2	50.2		
Dyna-Gro	37726	CM	52.2	101	26	3.3	1.8	33.9	19.0	59.6	48.6	48.1		
NuTech	NT-2213 RR		52.2	101	26	4.4	1.5	35.4	18.7	58.3	46.6	51.3		
Renze	R2626RR		51.8	100	26	3.3	1.5	33.0	18.7	55.6	52.1	47.8		
NuTech	NT-2707 RR		51.7	100	28	2.8	1.9	35.2	18.5	56.8	50.7	48.3		
Kruger	K-234RR	CM	51.7	100	26	2.4	1.5	34.2	18.7	56.8	51.3	46.9		
Kruger	K-233+RR	CM	51.6	100	23	3.3	1.3	35.0	18.6	54.1	50.8	50.1		
Prairie Brand	PB-2796RR		51.5	99	22	3.3	1.1	33.4	19.4	57.2	49.6	47.3		
Merschman	Sioux IRR	SG	51.4	99	29	3.8	1.4	35.1	18.6	57.8	48.7	47.8		
NuTech	NT-2320 RR		51.4	99	28	3.5	1.4	32.9	19.1	57.0	47.8	49.5		
Excel	8232RR	CM	51.3	99	27	2.8	1.3	34.2	18.4	55.3	49.6	49.0		
NK Brand	* S23-Z3	CM	51.3	99	19	4.3	1.5	33.7	19.5	56.1	44.9	52.8		
Kruger	K-259RR	CM	51.2	99	27	3.5	1.3	33.7	18.4	59.9	48.0	45.8		
DEKALB	* DKB28-52	CM	50.9	98	31	3.7	1.5	32.9	19.1	59.0	49.1	44.6		
Latham	L2775R		50.7	98	31	3.2	1.3	34.0	17.9	56.8	47.4	48.3		
Renze	R2617RR		50.6	98	30	3.6	1.7	33.8	18.1	58.5	47.0	46.2		
Latham	L2500R		50.5	98	32	4.8	1.6	35.0	18.0	55.5	44.7	52.6		
Excel	8259RR	CM	50.1	97	26	3.0	1.6	32.2	18.6	60.3	48.0	41.6		
NK Brand	* S28-G1	CM	50.1	97	27	4.2	1.3	33.6	18.9	56.9	47.1	46.6		
NuTech	NT-2626+ RR	C	49.9	96	29	4.7	1.6	35.2	18.0	57.8	42.7	49.4		
Prairie Brand	PB-2536RR		49.8	96	25	3.3	1.3	33.1	18.8	56.9	44.8	47.5		
Prairie Brand	PB-2376RR		49.6	96	24	3.3	1.4	33.1	19.6	54.7	46.6	47.0		
Kruger	K-255RR	CM	49.4	95	30	4.4	2.0	35.7	17.9	55.7	44.3	48.5		
Dyna-Gro	31N27	CM	49.3	95	31	3.6	1.4	33.9	18.6	56.9	45.0	46.0		
NK Brand	S24-K6	CM	49.2	95	28	3.4	1.4	35.6	17.8	56.1	42.4	50.2		
Thompson	T-2320+ RR	C	49.1	95	27	3.6	1.2	33.1	19.1	55.6	46.1	45.2		
Prairie Brand	PB-2645RR		49.0	95	29	3.4	1.4	34.4	18.5	54.4	46.3	46.3		
Prairie Brand	PB-2456RR		48.9	94	29	2.1	1.5	33.2	18.9	56.4	45.7	44.8		
Kruger	K-260RR/LINO	CM	47.4	92	27	3.6	1.8	36.1	18.0	54.9	45.4	42.2		
Experiment Mean			51.8		27	3.4	1.4	34.0	18.7	57.4	48.9	49.1		
Minimum Mean			47.4		19	2.1	1.1	32.2	17.8	54.1	42.4	41.6		
Maximum Mean			59.2		32	4.8	2.0	36.1	19.8	62.6	57.9	58.1		
LSD (0.25)			2.4		2	0.3	0.3	1.8	0.7	2.4	3.3	3.3		
Coefficient of Variability			6.3							5.1	8.1	8.1		

Table 20. Central-west district, 2006 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 %	Liddertdale	Ames	Iowa Falls	
Prairie Brand	PB-3216RR		55.4	110	26	3.9	1.0	34.5	18.6	52.8	53.0	60.4	
Pioneer	* 92M91	CM	54.0	108	28	3.6	1.2	32.9	19.6	55.1	51.9	56.2	
Kruger	K-256RR	CM	53.3	106	23	3.3	1.4	34.1	18.5	56.7	52.9	50.8	
Pioneer	* 93M11	CM	52.1	104	30	3.2	1.1	33.8	19.2	54.1	46.7	56.2	
Kruger	K-289+RR	CM	51.9	104	27	3.3	1.3	34.6	17.8	53.7	46.1	57.8	
DEKALB	* DKB26-53	CM	51.8	103	25	2.9	1.3	34.1	18.8	53.5	50.2	52.4	
NK Brand	* S28-G1	CM	51.7	103	27	4.2	1.1	33.6	18.9	55.5	50.8	48.9	
Excel	8287RR/STS	CM	51.5	103	30	3.2	1.4	34.7	18.2	52.3	49.8	52.0	
NuTech	NT-2890+ RR	C	51.3	102	25	3.2	1.1	35.5	17.9	53.3	49.1	51.6	
NK Brand	* S29-J6	CM	51.2	102	29	3.3	1.2	33.9	18.3	51.6	46.8	55.9	
Asgrow	* AG3006	CM	50.7	101	29	3.3	1.3	34.5	17.8	54.0	47.4	51.7	
Renze	R3115RR		50.5	101	29	3.6	1.4	32.8	17.8	55.8	48.7	45.9	
DEKALB	* DKB26-52	CM	50.4	101	31	3.7	1.5	32.9	19.1	53.8	44.2	53.0	
Prairie Brand	PB-3123RR		50.1	100	32	3.3	1.5	33.4	18.2	54.3	48.5	47.4	
Farm Advantage	7316		49.8	99	34	3.3	1.7	33.4	18.1	52.3	46.6	51.2	
Latham	L3157R		49.7	99	32	3.4	1.5	32.6	18.3	51.2	49.2	47.8	
NK Brand	* S30-D4	CM	49.6	99	29	4.2	1.2	34.4	17.7	52.7	49.3	46.5	
Prairie Brand	PB-2643RR		49.5	99	29	3.6	1.5	34.3	18.0	50.2	46.0	52.0	
NuTech	NT-3101 RR		48.7	97	32	3.3	1.7	33.4	18.0	54.1	46.9	44.4	
Kruger	K-310RR/LINO	CM	48.4	97	31	3.4	1.2	35.0	17.8	56.0	48.3	38.1	
Renze	R3037SR		48.4	97	27	2.8	1.4	34.4	18.1	50.4	45.3	49.9	
Kruger	K-328RR	CM	48.2	96	33	3.3	1.7	33.8	18.1	55.7	44.0	43.5	
Latham	E2976R		47.7	95	28	3.3	1.5	33.6	18.3	51.2	44.0	46.4	
Prairie Brand	PB-2825RR		47.1	94	27	2.3	1.3	33.9	19.1	48.8	45.8	46.4	
Kruger	EX31C06	CM	46.5	93	31	3.3	1.5	33.3	18.4	50.9	40.6	47.7	
Kruger	K-310RR	CM	46.2	92	34	3.5	1.1	36.6	17.1	50.3	45.3	40.6	
Experiment Mean			50.1		29	3.4	1.4	34.0	18.3	53.0	47.4	49.9	
Minimum Mean			46.2		23	2.3	1.0	32.6	17.1	48.8	40.6	38.1	
Maximum Mean			55.4		34	4.3	1.9	36.6	19.6	56.7	53.0	60.4	
LSD (0.25)			2.8		2	0.3	0.3	1.8	0.7	2.3	3.2	3.7	
Coefficient of Variability			6.1							5.3	8.1	9.0	

Table 21. Central-east district, 2006 district and single-location means. SCN-resistant test, MG 2.3-2.7.

Brand	Entry	IST	Yield Bu/Acre	Yield % of Mean	Maturity Date	District Means			Single-Location Yield				
						IDC Score	Lodging Score	Protein (%)	Oil %	Ames	Iowa Falls	Walker	Clarence
Pioneer	* 92M61	CM	Ames	114	25	2.8	1.4	33.1	19.4	51.6	57.0	62.5	52.5
Thompson	T-2222 RR/SCN		55.3	113	20	2.8	1.6	33.7	20.0	53.8	55.9	59.8	51.0
NuTech	NT-2222+ RR/SCN	C	54.5	112	18	2.5	1.4	33.6	20.0	50.5	55.2	58.9	52.8
Excel	8236NRR	CM	54.1	111	22	3.7	1.6	35.1	18.7	50.2	56.1	53.9	56.1
SCN Susceptible	* Check 1	CM	53.4	109	24	2.3	1.4	34.2	19.6	45.1	55.5	62.6	50.0
NuTech	NT-2424 RR/SCN		52.3	107	22	3.8	1.5	33.7	19.0	47.9	56.8	54.1	49.6
Asgrow	AG2603	CM	52.2	107	24	3.8	1.5	33.9	18.3	52.5	53.0	54.3	49.3
Asgrow	AG2406	CM	52.0	107	24	3.8	1.5	34.6	19.3	48.0	56.0	55.8	49.3
SCN Susceptible	* Check 9	CM	52.0	106	28	3.6	1.6	32.9	19.6	47.4	48.4	57.8	54.7
FS HISOY	X06-27	CM	51.1	105	28	3.1	1.4	32.6	19.3	48.9	51.3	56.0	48.6
Prairie Brand	PB-2494NRR		50.3	103	26	3.3	1.7	34.3	18.5	54.8	45.1	54.8	46.6
Thompson	T-2660+ RR/SCN	C	50.1	103	30	3.4	1.8	32.6	19.1	49.8	50.5	58.0	41.7
DEKALB	DKB27-52	CM	50.1	103	28	3.2	1.9	32.8	19.1	50.3	50.3	60.1	42.2
Dyna-Gro	33D27	CM	49.9	102	28	3.5	1.6	33.2	19.1	49.5	47.6	58.1	45.1
Kruger	K-235RR/SCN	CM	49.5	101	27	4.1	1.6	33.4	19.3	46.1	50.2	56.3	44.4
SCN Susceptible	* Check 3	CM	49.4	101	25	4.6	1.6	32.9	19.5	47.8	51.6	53.4	45.0
Merschman	Shawnee 527RR	SG	49.2	101	28	3.8	1.8	35.4	18.0	48.1	44.1	54.1	49.4
Trelay	2275RR	SG	49.1	101	26	2.9	1.6	34.4	18.2	45.8	49.9	55.0	46.9
SCN Susceptible	* Check 5	CM	49.1	101	25	2.9	1.8	34.1	18.8	45.6	44.9	56.2	50.0
Kruger	K-244RR/SCN	CM	49.1	101	26	3.1	1.8	33.6	18.4	45.2	50.8	54.9	45.1
Kruger	K-275RR/SCN	CM	48.9	100	26	3.3	1.7	33.2	19.2	46.9	49.9	55.3	44.7
Merschman	Mohegan 624RR	SG	48.7	100	23	3.9	1.9	34.2	18.9	44.1	52.1	55.3	42.8
Prairie Brand	PB-2596NRR		48.6	99	25	2.7	1.8	35.0	18.1	47.1	46.8	52.5	47.0
Prairie Brand	PB-2385NRR		48.4	99	23	3.8	1.7	34.4	18.8	44.9	53.6	49.7	45.8
NuTech	NT-2777 RR/SCN		48.4	99	28	3.8	1.6	32.6	19.5	48.6	43.5	57.4	44.4
Thompson	T-2777+ RR/SCN	C	48.4	99	29	3.2	1.5	33.0	19.2	46.3	47.2	56.0	44.2
NuTech	NT-2324+ RR/SCN	C	48.4	99	27	3.9	1.8	34.2	19.2	45.2	49.7	53.9	43.3
SCN Susceptible	* Check 8	CM	48.3	99	23	3.3	1.4	33.9	18.3	44.2	43.3	53.1	51.4
Kruger	K-286RR/SCN	CM	48.3	99	33	3.9	1.2	34.7	17.9	51.1	47.1	50.2	45.3
Merschman	Comanche 725RR	SG	48.3	99	26	2.9	1.8	34.8	18.1	44.2	51.0	54.5	42.8
Prairie Brand	PB-2636NRR		48.2	99	28	3.4	1.6	31.9	19.5	45.5	50.1	55.0	42.2
Kruger	K-276RR/SCN	CM	48.0	98	28	4.1	1.6	35.7	17.6	39.6	55.1	51.5	45.2
Prairie Brand	PB-2316NRR		47.9	98	21	3.8	1.5	33.9	19.4	47.4	47.7	54.6	42.6
Thompson	T-2444+ RR/SCN	C	47.9	98	26	2.8	1.8	34.6	18.2	43.3	48.1	55.7	44.2
Prairie Brand	PB-2794NRR		47.8	98	28	3.2	1.8	35.3	18.1	40.7	46.7	55.7	47.9
Dyna-Gro	35F25	CM	47.8	98	27	3.3	1.7	34.3	18.2	43.5	47.7	54.1	45.9
JGL	260-N		47.7	98	30	3.3	1.7	33.6	18.5	40.6	48.1	56.8	45.2
Thompson	T-2616 RR/SCN		47.7	98	29	3.9	1.7	35.4	18.5	46.4	44.3	54.2	46.4
Thompson	T-2770+ RR/SCN	C	47.6	97	29	3.7	1.6	36.5	17.6	48.1	46.5	55.3	41.2
NuTech	NT-2770 RR/SCN		47.4	97	27	4.3	2.0	35.1	17.6	46.9	43.9	55.9	43.1
Renze	R2587RRcn		46.8	96	25	2.7	1.7	34.9	17.8	40.0	51.9	50.9	44.5
NuTech	NT-2444 RR/SCN		46.6	95	26	2.6	1.8	34.6	18.1	46.5	45.2	50.4	43.8
Kruger	K-279RR/SCN	CM	46.5	95	28	3.9	1.7	35.7	18.2	43.5	49.7	48.6	45.8

Table 21. Central-east district, 2006 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	Iowa Falls	Walker	Clarence
SCN Susceptible	* Check 6	CM	46.2	95	31	3.7	1.7	32.9	19.1	43.8	46.7	51.8	42.7
Dyna-Gro	37G24	CM	45.8	94	24	3.5	2.0	35.4	18.6	44.2	52.0	46.4	39.5
SCN Susceptible	* Check 7	CM	45.3	93	27	4.2	1.5	33.6	18.9	42.7	37.2	53.8	48.6
DEKALB	DKB27-53	CM	44.4	91	29	3.8	2.4	32.6	19.2	46.8	44.3	49.0	36.7
Excel	8260NRR	CM	44.1	90	29	3.8	1.6	35.1	18.7	44.5	43.2	45.1	42.8
Dairyland	DSR-2511/RR	CM	41.6	85	31	4.3	1.7	33.3	19.2	43.3	36.4	51.8	34.3
Experiment Mean			48.8		26	3.5	1.7	34.1	18.8	46.4	48.8	54.5	45.6
Minimum Mean			41.6		18	2.3	1.2	31.9	17.6	39.6	36.4	45.1	34.3
Maximum Mean			55.8		33	4.6	2.4	36.5	20.0	54.8	57.0	62.6	54.7
LSD (0.25)			2.6		1	0.3	0.3	1.8	0.7	3.5	3.8	3.2	2.8
Coefficient of Variability			7.6							9.1	9.5	7.1	7.3

Table 22. Central-east district, 2006 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 %	Ames	Iowa Falls	Walker	Clarence
SCN Susceptible	* Check 9	CM	54.0	116	28	3.6	1.7	32.9	19.6	46.7	57.1	61.9	50.4
SCN Susceptible	* Check 11	CM	52.4	113	30	3.2	1.7	33.8	19.2	50.0	50.3	57.9	51.9
SCN Susceptible	* Check 5	CM	51.8	111	25	2.9	1.6	34.1	18.8	44.7	53.0	57.8	52.3
SCN Susceptible	* Check 8	CM	51.4	110	29	3.3	1.3	33.9	18.3	54.9	50.6	53.0	46.7
Thompson	T-3030+ RR/SCN	C	50.2	108	36	2.8	1.9	33.7	18.2	51.7	51.5	54.8	42.6
Kruger	K-287RR/SCN	CM	49.7	107	30	2.9	2.0	34.7	18.5	48.7	44.0	55.6	50.8
SCN Susceptible	* Check 7	CM	49.6	107	27	4.2	1.5	33.6	18.9	52.5	45.3	55.4	45.5
NK Brand	S30-J8	CM	49.6	106	32	4.3	1.5	34.7	18.4	49.2	52.5	54.6	40.7
FS HISOY	HS 2846	CM	49.3	106	34	3.1	1.9	34.2	19.0	46.7	47.7	52.7	50.1
NK Brand	S28-Y2	CM	49.0	105	31	3.8	1.5	32.9	19.2	50.8	50.0	53.4	41.3
Prairie Brand	PB-3056NRR		48.9	105	36	2.8	2.0	33.7	18.0	47.7	54.7	51.4	43.0
Asgrow	AG2802	CM	48.7	105	29	3.2	1.5	33.0	19.3	46.6	48.9	56.1	43.4
Prairie Brand	PB-2956NRR		48.4	104	33	3.6	1.8	34.3	18.6	56.7	44.6	54.2	38.4
Dairyland	DSR-2929/RR	CM	48.3	104	35	4.2	2.0	32.6	18.4	47.6	44.9	53.8	46.3
Dyna-Gro	34N30	CM	48.2	103	35	2.8	1.9	33.9	18.1	50.0	46.8	56.8	39.2
SCN Susceptible	* Check 10	CM	47.4	102	29	3.3	2.3	34.5	17.8	49.1	49.7	50.4	40.0
Thompson	T-2880+ RR/SCN	C	47.1	101	30	3.0	2.1	32.8	18.8	47.7	48.6	50.8	40.4
NuTech	NT-2799V RR/SCN		47.0	101	27	4.2	1.4	34.9	18.3	50.7	43.0	47.0	47.1
NuTech	NT-3030 RR/SCN		47.0	101	36	3.1	1.9	34.4	19.0	43.9	51.0	49.4	43.5
FS HISOY	HS 3156	CM	46.4	100	31	4.2	1.8	32.6	19.8	49.5	44.6	47.5	44.5
Kruger	K-333RR/SCN	CM	46.4	100	36	3.4	2.0	33.8	18.4	46.5	44.3	50.1	44.1
Latham	E3258R		46.3	99	34	3.6	2.1	33.0	19.7	44.4	46.8	44.5	49.5
Dairyland	DSR-3130/RR	CM	46.0	99	35	3.2	2.5	33.3	18.9	46.5	44.2	49.4	44.1
NuTech	NT-3131 RR/SCN		45.9	98	30	3.0	1.7	33.7	19.5	40.4	45.7	52.0	45.9
Kruger	K-283RR/SCN	CM	45.5	98	32	3.0	2.2	32.1	19.2	44.5	50.0	48.7	39.4
NuTech	NT-2919 RR/SCN		45.2	97	28	3.7	2.4	33.4	18.6	47.4	39.9	51.2	42.8
Merschman	Hoover 730RR	SG	45.2	97	36	2.4	2.2	32.5	18.6	47.9	47.7	49.1	35.5
Merschman	Cherokee 729RR	SG	45.1	97	33	3.8	1.2	35.7	17.4	51.6	35.9	45.9	46.7
Asgrow	AG3101	CM	44.8	96	31	4.5	1.6	35.3	17.1	46.4	43.5	43.6	45.7
Prairie Brand	PB-2994NRR		44.8	96	27	3.6	2.4	35.2	17.9	44.4	47.2	46.6	41.3
SCN Susceptible	* Check 6	CM	44.8	96	31	3.7	2.2	32.9	19.1	45.0	45.3	45.0	43.8
Kruger	K-292RR/SCN	CM	44.7	96	28	3.8	2.2	34.2	18.8	46.7	44.4	47.3	40.1
Kruger	K-315RR/SCN	CM	44.6	96	32	3.3	2.1	32.4	18.4	43.5	46.4	48.3	40.0
Kruger	K-341RR/SCN	CM	44.3	95	34	3.5	1.8	34.0	18.2	50.0	42.2	48.3	37.2
Dyna-Gro	36C28	CM	43.8	94	30	3.3	2.5	32.2	19.0	45.3	44.7	47.9	37.3
Renze	R2887RRcn		43.8	94	33	3.3	2.4	32.9	18.4	42.8	46.8	46.3	38.7
NuTech	NT-2880 RR/SCN		43.7	94	29	3.1	2.5	32.1	18.7	44.0	46.3	47.5	35.6
FS HISOY	HS 3266	CM	43.6	94	36	3.4	2.1	33.8	18.4	44.7	40.5	44.1	44.4
Prairie Brand	PB-2896NRR		43.2	93	30	3.2	2.2	33.0	18.6	44.6	43.1	47.4	35.5
Dyna-Gro	35P29	CM	42.5	91	28	3.3	2.2	34.5	18.4	43.1	41.6	45.6	39.6
Trelay	2294RR	SG	42.4	91	28	3.8	2.4	34.4	18.5	43.8	41.3	44.7	39.8
Prairie Brand	PB-3316NRR		42.2	91	36	3.6	2.2	34.0	18.2	44.5	38.8	43.5	40.9
Merschman	Chickasaw 728RR	SG	41.8	90	33	3.2	2.6	32.8	18.8	47.2	42.2	45.3	33.4
FS HISOY	HS 2956	CM	41.7	90	29	3.3	2.4	34.1	18.3	42.6	39.5	46.5	38.2
Merschman	Jefferson 630RR	SG	39.6	85	28	3.7	2.6	34.3	18.2	40.7	40.5	41.4	36.0
Experiment Mean			46.6		31	3.5	2.0	33.7	18.6	47.0	46.4	50.3	42.5
Minimum Mean			39.6		25	2.4	1.2	32.1	17.1	40.4	35.9	41.4	33.4
Maximum Mean			54.0		36	4.5	2.6	35.7	19.8	56.7	57.1	61.9	52.3
LSD (0.25)			2.8		1	0.3	0.4	1.8	0.7	2.6	3.7	4.6	3.9
Coefficient of Variability			8.9							6.6	9.7	11.1	11.2

Table 23. Central-east district, 2006 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	Iowa Falls	Walker	Clarence	
SCN Resistant	* Check 4	CM	55.9	111	25	2.8	1.7	33.1	19.4	51.4	55.7	55.1	60.9	
Dairyland	DSR-2300/RR	CM	55.3	110	27	2.5	1.4	35.3	18.6	54.2	57.1	55.4	54.4	
Thompson	T-7206 RR		54.4	108	24	3.1	1.4	32.9	19.8	49.6	56.2	58.0	53.5	
Asgrow	* AG2403	CM	54.2	108	24	2.3	1.4	34.2	19.6	50.2	55.3	60.5	51.5	
FS HISOY	HS 2345	CM	54.0	108	19	3.2	1.6	34.5	18.8	51.0	56.2	51.4	56.6	
Prairie Brand	PB-2443RR	CM	53.9	108	23	4.1	1.5	34.7	18.7	49.2	61.2	49.2	55.8	
Pioneer	* 92M91	CM	53.8	107	28	3.6	1.7	32.9	19.6	47.8	52.2	62.0	53.2	
Prairie Brand	PB-2356RR	CM	53.7	107	27	2.6	1.5	34.6	18.4	49.1	54.6	56.6	53.4	
NK Brand	* S25-B9	CM	52.9	105	25	4.3	1.4	33.9	19.1	49.9	50.5	59.3	52.0	
Trelay	2263RR	SG	52.6	105	25	2.8	1.8	33.9	19.2	53.9	53.1	55.1	50.1	
Excel	8259RR	CM	52.6	105	26	3.0	1.6	32.2	18.6	45.9	53.3	57.9	53.4	
NuTech	NT-2626+ RR	C	52.4	105	29	4.7	1.7	35.2	18.0	47.9	55.8	54.2	51.9	
FS HISOY	X06-23	CM	52.3	104	24	4.3	1.5	34.9	19.2	48.4	52.2	54.6	54.0	
NK Brand	S23-H2	CM	52.2	104	23	3.8	1.3	32.5	19.6	44.4	50.6	64.2	50.6	
Prairie Brand	PB-2536RR	CM	51.9	103	25	3.3	1.7	33.1	18.8	50.1	52.4	54.2	51.2	
NK Brand	S27-L4	CM	51.8	103	30	3.6	1.4	33.5	18.9	48.7	51.7	57.3	49.0	
Renze	R2626RR		51.6	103	26	3.3	1.6	33.0	18.7	49.5	52.1	48.8	55.9	
Prairie Brand	PB-2736RR		51.6	103	22	3.3	1.4	33.4	19.4	47.6	50.7	57.8	50.9	
NuTech	NT-2213 RR		51.0	102	26	4.4	1.7	35.4	18.7	50.4	52.0	51.6	49.4	
Dairyland	DSR-2702/RR	CM	50.8	101	26	2.8	1.6	34.7	18.9	46.2	52.7	54.8	49.3	
NK Brand	* S29-J6	CM	50.8	101	29	3.3	1.5	33.9	18.3	50.2	53.0	51.4	48.6	
Farm Advantage	7264+		50.6	101	29	3.4	1.8	33.9	18.5	45.3	52.2	51.7	52.1	
Prairie Brand	PB-2565RR		50.5	101	25	3.0	1.7	34.7	18.8	44.2	53.8	53.9	50.3	
Thompson	T-2213+ RR	C	50.4	100	25	4.1	1.7	34.6	19.0	46.0	50.9	51.9	52.3	
Kruger	K-233+RR	CM	50.0	100	23	3.3	1.8	35.0	18.6	44.7	53.0	48.8	53.2	
NK Brand	* S23-Z3	CM	49.8	99	19	4.3	2.0	33.7	19.5	45.5	50.7	52.0	51.0	
NuTech	NT-2707 RR		49.2	98	28	2.8	1.9	35.2	18.5	43.1	53.6	51.1	49.6	
Thompson	T-2320+ RR	C	49.0	98	27	3.6	1.5	33.1	19.1	47.2	49.5	51.8	47.2	
NuTech	NT-2333+ RR	C	48.9	97	21	2.9	2.6	32.6	19.3	49.2	48.7	52.0	44.7	
DEKALB	* DK26-53	CM	48.8	97	25	2.9	1.7	34.1	18.8	42.2	53.0	52.6	48.5	
Kruger	K-255RR	CM	48.5	97	30	4.4	2.0	35.7	17.9	44.3	53.9	48.9	47.2	
NK Brand	S24-K6	CM	48.0	96	28	3.4	1.6	35.6	17.8	43.9	54.6	49.4	45.2	
FS HISOY	HS 2645	CM	48.0	96	26	3.1	1.8	33.5	18.5	45.9	48.9	47.7	48.7	
Dyna-Gro	37T26	CM	47.8	95	26	3.3	2.0	33.9	19.0	40.3	46.9	56.1	48.6	
Kruger	K-234RR	CM	47.7	95	26	2.4	2.0	34.2	18.7	40.8	46.9	57.0	46.4	
Merschman	Sioux I1RR	SG	47.5	95	29	3.8	1.5	35.1	18.6	42.2	50.7	47.5	50.5	
NK Brand	* S28-G1	CM	46.7	93	27	4.2	1.6	33.6	18.9	46.2	48.3	44.4	46.9	
NuTech	NT-2320 RR		46.2	92	28	3.5	1.6	32.9	19.1	47.0	46.6	48.5	42.2	
Excel	8287RR/STS	CM	46.1	92	30	3.2	1.8	34.7	18.2	35.3	44.4	55.3	51.4	
Prairie Brand	PB-2645RR		45.7	91	29	3.4	1.6	34.4	18.5	42.3	52.3	39.8	46.9	
Kruger	K-259RR	CM	45.6	91	27	3.5	1.8	33.7	18.4	45.2	49.5	38.5	48.0	
Dyna-Gro	31N27	CM	45.3	90	31	3.6	1.9	33.9	18.6	43.2	52.0	34.4	43.8	
JGL	230-1		45.2	90	28	3.3	1.5	34.0	19.1	46.4	48.0	43.4	43.3	
DEKALB	* DK28-52	CM	44.1	88	31	3.7	2.1	32.9	19.1	41.0	47.5	44.7	42.8	
Kruger	K-260RR/LINO	CM	42.1	84	27	3.6	1.8	36.1	18.0	41.3	38.6	51.3	41.0	
Experiment Mean			50.2		26	3.4	1.7	34.1	18.8	46.5	51.9	52.1	50.0	
Minimum Mean			42.1		19	2.3	1.3	32.2	17.8	35.3	38.6	34.4	41.0	
Maximum Mean			55.9		32	4.7	2.6	36.1	19.8	54.2	61.2	64.2	60.9	
LSD (0.25)			2.7		2	0.3	0.2	1.8	0.7	4.5	3.4	3.9	2.9	
Coefficient of Variability			7.8							11.8	7.8	9.0	7.1	

Table 24. Central-east district, 2006 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	Iowa Falls	Walker	Clarence
Dairyland	DSR-2820/RR	CM	56.1	119	23	2.6	1.7	35.2	17.5	55.2	56.4	60.3	51.5
Pioneer	* 92M91	CM	55.2	117	28	3.6	1.8	32.9	19.6	50.4	57.0	62.4	52.4
Prairie Brand	PB-3216RR		53.4	113	26	3.9	1.4	34.5	18.6	52.5	58.2	58.4	42.1
Pioneer	* 93M11	CM	53.2	113	30	3.2	1.3	33.8	19.2	50.2	51.6	60.1	52.2
NK Brand	* S29-J6	CM	52.1	111	29	3.3	1.6	33.9	18.3	53.8	47.6	58.3	48.8
Kruger	K-256RR	CM	50.8	108	23	3.3	1.6	34.1	18.5	51.7	51.4	52.7	48.6
Prairie Brand	PB-3123RR		48.5	103	32	3.3	1.7	33.4	18.2	46.8	48.1	54.8	47.2
Dairyland	DSR-3003/RRSTS	CM	48.4	103	30	3.0	1.7	35.5	17.9	46.4	42.3	57.5	46.9
NK Brand	* S28-G1	CM	47.8	101	27	4.2	1.8	33.6	18.9	50.7	46.4	47.4	46.3
Latham	E2810R		47.8	101	28	3.3	2.1	35.0	17.6	45.2	46.7	47.8	50.2
Prairie Brand	PB-2825RR		47.1	100	27	2.3	1.9	33.9	19.1	48.4	42.0	49.0	50.2
DEKALB	* DKB28-53	CM	46.7	99	25	2.9	2.0	34.1	18.8	45.7	45.7	52.5	42.3
NK Brand	* S30-D4	CM	46.6	99	29	4.2	1.5	34.4	17.7	49.9	44.0	50.1	43.8
NuTech	NT-2890+ RR	C	46.6	99	25	3.2	2.0	35.5	17.9	45.7	46.2	50.3	43.9
Kruger	K-310RR/LINO	CM	46.5	99	31	3.4	1.5	35.0	17.8	50.6		43.9	42.7
Kruger	K-289+RR	CM	46.1	98	27	3.3	2.1	34.6	17.8	46.5	50.4	46.1	41.9
Asgrow	* AG3006	CM	45.9	97	29	3.3	2.3	34.5	17.8	47.8	44.8	48.0	41.5
Prairie Brand	PB-2643RR		45.5	97	29	3.6	1.8	34.3	18.0	43.3	45.1	46.0	49.0
DEKALB	* DKB28-52	CM	44.8	95	31	3.7	2.1	32.9	19.1	44.4	41.2	52.7	39.3
Kruger	K-328RR	CM	44.7	95	33	3.3	2.1	33.8	18.1	45.5	41.6	45.9	46.4
NuTech	NT-3101 RR		44.6	95	32	3.3	2.1	33.4	18.0	44.8	42.4	45.0	46.0
Kruger	EX31C06	CM	44.4	94	31	3.3	2.3	33.3	18.4	45.0	43.2	47.5	43.2
Farm Advantage	7316		44.4	94	34	3.3	1.7	33.4	18.1	45.3	41.3	46.8	42.9
FS HISOY	HS 3135	CM	43.9	93	36	3.8	2.0	34.3	17.8	46.4	37.1	46.2	44.9
Kruger	K-310RR	CM	41.5	88	34	3.5	1.6	36.6	17.1	44.2	33.8		42.2
Latham	E3145R		41.0	87	36	3.7	1.5	35.2	17.9	44.8		35.7	37.8
Experiment Mean			47.1		30	3.5	1.8	34.3	18.3	47.7	45.4	50.4	45.1
Minimum Mean			41.0		23	2.3	1.3	32.9	17.1	43.3	33.8	35.7	36.6
Maximum Mean			56.1		36	4.3	2.3	36.6	19.6	55.2	58.2	62.4	52.4
LSD (0.25)			2.8		2	0.3	0.3	1.8	0.7	2.4	4.7	5.0	3.8
Coefficient of Variability			8.6							6.0	12.4	12.0	10.3

Table 25. Southwest district, 2006 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 %	Randolph	Lewis	Creston	Melrose
SCN Susceptible	* Check 11	CM	55.3	114	26	3.2	1.1	36.1	19.7	68.8	61.3	58.1	32.4
Prairie Brand	PB-2956NRR	CM	52.2	107	29	3.6	1.1	36.9	19.0	63.3	57.5	57.3	31.3
SCN Susceptible	* Check 12	CM	51.7	106	29	4.2	1.1	36.2	18.6	65.2	54.9	54.9	31.0
Excel	8308NRR	CM	51.6	106	30	2.7	1.4	36.0	18.9	61.2	56.7	54.2	34.0
Kruger	K-315RR/SCN	CM	51.4	106	30	3.3	1.2	35.5	18.5	60.9	53.5	55.2	35.2
Kruger	K-341RR/SCN	CM	51.1	105	29	3.5	1.2	35.7	18.9	63.5	53.8	54.5	33.1
Dyna-Gro	34N30	CM	50.8	104	31	2.8	1.1	36.5	18.2	62.4	58.0	52.1	31.7
SCN Susceptible	* Check 10	CM	50.5	104	29	3.3	1.2	36.3	18.7	60.5	57.3	53.1	31.5
Asgrow	* AG3101	CM	50.4	104	25	4.5	1.1	38.1	17.5	56.8	53.7	54.5	35.1
Thompson	T-2880+ RR/SCN	C	50.0	103	28	3.0	1.2	36.2	18.5	60.7	53.8	54.6	31.1
Thompson	T-3030+ RR/SCN	C	49.7	102	31	2.8	1.1	37.7	17.5	59.1	56.9	55.0	28.4
Prairie Brand	PB-3056NRR	CM	49.5	102	31	2.8	1.1	36.5	18.3	62.2	55.9	54.0	25.8
NK Brand	S28-Y2	CM	49.4	102	27	3.8	1.1	36.5	19.2	57.9	51.4	55.9	31.9
Pioneer	* 93M42	CM	49.2	101	31	4.6	1.2	35.8	18.4	55.8	51.8	53.9	34.8
SCN Susceptible	* Check 8	CM	49.1	101	26	3.3	1.1	36.4	18.6	55.6	57.1	52.9	30.7
Kruger	K-292RR/SCN	CM	49.1	101	25	3.8	1.2	36.8	19.3	57.1	50.2	56.0	31.9
Dyna-Gro	36C28	CM	49.0	101	28	3.3	1.2	36.5	18.4	58.5	49.6	55.6	32.8
Kruger	K-283RR/SCN	CM	48.9	101	28	3.0	1.1	36.0	18.7	60.8	49.4	55.1	29.9
Merschman	Hoover 730RR	SG	48.8	101	31	2.4	1.1	37.4	18.0	60.5	54.0	51.0	29.3
NK Brand	S30-J8	CM	48.6	100	30	4.3	1.2	37.5	18.6	58.3	55.1	53.6	27.5
Prairie Brand	PB-2896NRR	CM	48.5	100	30	3.2	1.1	36.3	18.7	59.0	50.5	55.8	28.0
Kruger	K-286RR/SCN	CM	48.5	100	26	3.9	1.1	36.6	18.7	60.1	51.2	54.1	29.4
Prairie Brand	PB-3316NRR	CM	48.4	100	32	3.6	1.2	35.8	18.7	59.1	47.5	54.9	32.4
Renze	R2887RRcn	CM	48.0	99	28	3.3	1.1	37.2	18.9	58.6	48.6	55.6	29.3
Asgrow	AG2802	CM	47.8	98	25	3.2	1.3	36.4	19.6	57.1	53.2	54.4	26.6
Dyna-Gro	35P29	CM	47.2	97	24	3.3	1.3	36.1	19.3	57.3	46.3	54.2	30.2
Merschman	Chickasaw 728RR	SG	47.0	97	29	3.2	1.2	35.5	19.2	57.3	49.1	51.9	29.7
FS HISOY	HS 3266	CM	47.0	97	32	3.4	1.3	35.3	19.4	57.1	46.1	53.2	32.0
Renze	R2996RRcn	CM	46.8	96	24	3.3	1.2	36.7	19.8	53.0	50.6	54.7	28.6
Kruger	K-333RR/SCN	CM	46.6	96	33	3.4	1.4	34.7	19.5	56.6	45.3	50.2	34.5
Merschman	Cherokee 729RR	SG	46.2	95	28	3.8	1.1	36.3	19.0	56.3	49.9	50.5	28.2
Prairie Brand	PB-2994NRR	CM	46.0	95	24	3.6	1.2	36.3	19.6	56.5	45.7	54.9	27.2
Excel	8291NRR	CM	45.8	94	26	3.0	1.2	36.8	18.3	52.9	49.4	49.4	31.4
Excel	8260NRR	CM	45.4	93	25	3.8	1.2	38.2	18.4	54.6	48.5	52.9	25.6
FS HISOY	HS 2846	CM	45.3	93	23	3.1	1.3	38.1	18.6	50.6	51.4	53.6	25.1
Nuftech	NT-3131 RR/SCN	CM	45.3	93	25	3.0	1.1	36.8	19.5	54.6	53.4	50.4	22.3
FS HISOY	HS 2956	CM	45.2	93	24	3.3	1.2	37.4	19.5	52.4	46.7	51.8	30.7
Lewis	2887	SG+Go	45.1	93	27	3.9	1.3	35.3	19.2	54.4	51.0	52.9	21.2
FS HISOY	HS 3156	CM	44.5	92	28	4.2	1.2	35.5	19.6	52.0	53.0	51.4	22.4
Merschman	Jefferson 630RR	SG	41.6	86	25	3.7	1.3	35.2	19.7	48.2	46.3	50.2	22.9
Experiment Mean			48.6		28	3.4	1.2	36.3	18.9	58.3	52.3	54.0	29.8
Minimum Mean			41.6		23	2.4	1.1	34.7	17.5	48.2	45.3	49.4	21.2
Maximum Mean			55.3		33	4.6	1.4	38.2	19.8	68.8	61.3	58.9	35.2
LSD (0.25)			2.2		2	0.3	0.1	1.0	0.5	2.6	2.6	2.0	2.8
Coefficient of Variability			5.9							5.4	6.1	4.4	11.5

Table 26. Southwest district, 2006 district and single-location means. SCN-resistant test, 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				
NuTech	NT-3888 RR/SCN		54.5	113	34	3.6	1.1	35.8	19.3	67.8	56.3	56.9	36.9				
Thompson	T-3888+ RR/SCN	C	53.6	111	34	3.8	1.1	35.7	18.9	66.4	55.5	58.0	34.8				
SCN Susceptible	* Check 12	CM	52.8	109	29	4.2	1.1	36.2	18.6	63.8	56.6	55.5	34.8				
Prairie Brand	PB-3796NRR		52.5	108	33	3.9	1.1	35.7	19.2	67.4	53.5	55.9	33.2				
Kruger	K-382RR/SCN	CM	52.2	108	33	3.5	1.1	35.7	19.0	69.6	52.8	53.7	32.3				
Asgrow	AG3705	CM	51.9	107	35	4.0	1.1	34.6	18.8	67.7	52.8	52.6	34.4				
Lewis	3407	SG+Go	51.7	107	30	4.1	1.2	34.7	18.7	64.6	53.3	54.2	34.6				
Dyna-Gro	35D33	CM	51.4	106	29	4.2	1.3	37.4	18.1	61.7	52.7	52.3	38.6				
Renze	R3797RRcn		51.3	106	33	3.8	1.1	34.8	19.1	64.2	54.1	54.9	32.4				
Thompson	T-3532+ RR/SCN	C	51.0	105	31	3.8	1.1	35.3	18.5	65.5	53.1	50.9	34.5				
Prairie Brand	PB-3556NRR		50.6	104	26	3.6	1.2	37.4	19.3	63.5	55.6	52.0	31.1				
Merschman	Roosevelt 737RR	SG	50.4	104	34	3.4	1.1	35.6	19.1	66.2	51.5	52.9	31.2				
Asgrow	* AG3602	CM	50.3	104	32	4.2	1.2	37.8	17.6	61.4	55.5	51.6	32.8				
Asgrow	AG3505	CM	49.9	103	31	4.4	1.1	36.4	18.3	66.2	48.5	49.1	36.4				
Dyna-Gro	37J34	CM	49.9	103	31	3.7	1.2	35.3	19.0	59.6	54.1	49.7	36.5				
Kruger	K-363RR/SCN	CM	49.8	103	31	3.5	1.1	35.2	18.8	63.7	46.1	53.6	35.5				
Kruger	K-399RR/SCN	CM	49.5	102	36	4.2	1.3	34.9	18.1	58.4	50.7	52.4	36.3				
Asgrow	* AG3101	CM	49.4	102	25	4.5	1.1	38.1	17.5	55.6	53.3	54.1	34.5				
Pioneer	* 93M42	CM	48.8	101	31	4.6	1.1	35.8	18.4	59.6	49.3	52.2	33.9				
NuTech	NT-3909 RR/SCN/STS		48.8	101	33	4.3	1.1	34.6	18.5	64.7	45.3	51.2	33.9				
Dyna-Gro	35Y35	CM	48.7	101	31	3.8	1.2	35.2	18.8	60.9	47.8	53.7	32.8				
Merschman	Kennedy 538RR	SG	48.5	100	32	3.5	1.1	35.6	19.1	61.8	50.2	50.4	32.1				
Merschman	Monroe 735RR	SG	48.5	100	31	3.4	1.1	34.7	18.6	59.8	46.4	53.2	34.6				
Prairie Brand	PB-3785NRR		48.3	100	30	3.5	1.1	36.8	18.0	56.1	49.9	53.1	34.4				
FS HISDY	X06-34	CM	48.1	99	31	4.2	1.1	34.7	19.0	61.4	49.0	49.6	32.7				
NuTech	NT-3532 RR/SCN		47.9	99	29	4.2	1.1	35.3	18.8	62.0	46.3	50.7	32.5				
Thompson	T-3909+ RR/SCN/STS	C	47.7	99	33	4.7	1.2	35.3	18.6	60.7	43.4	52.0	33.9				
Pioneer	* 93M95	CM	47.7	98	36	4.3	1.4	35.8	18.0	57.2	47.8	51.6	34.2				
Renze	R3497RRcn		47.7	98	31	3.8	1.1	34.3	18.9	59.8	48.4	52.1	30.3				
Prairie Brand	PB-3656NRR		47.1	97	33	3.9	1.1	37.2	17.6	57.0	42.7	53.5	34.2				
Prairie Brand	PB-3894NRRSTS		47.0	97	32	4.8	1.2	34.9	18.9	62.7	44.9	49.8	30.8				
Prairie Brand	PB-3436NRR		46.9	97	29	3.8	1.1	34.4	18.8	58.1	50.2	49.0	30.2				
NK Brand	S33-A8	CM	46.8	97	32	3.6	1.5	35.5	18.8	51.9	47.8	52.4	35.1				
NuTech	NT-3663 RR/SCN		46.8	97	34	3.8	1.1	37.3	17.9	58.8	41.7	52.6	34.0				
Kruger	K-355RR/SCN	CM	46.7	97	35	3.5	1.3	34.4	19.4	56.6	44.3	51.1	34.6				
DEKALB	DKB35-52	CM	46.6	96	34	3.8	1.1	37.2	17.7	60.3	41.5	52.3	32.8				
Kruger	K-389RR/SCN	CM	46.6	96	33	4.6	1.2	34.6	18.5	61.2	41.0	49.5	34.1				
NK Brand	* S36-C7	CM	46.4	96	36	4.0	1.1	37.5	17.9	63.5	45.3	46.8	30.0				
FS HISDY	HS 3536	CM	46.3	96	35	3.4	1.2	35.6	18.9	57.2	46.0	48.7	33.2				
Renze	R3835SRcn		45.7	94	32	4.5	1.2	34.7	19.5	60.7	41.9	49.8	30.8				
FS HISDY	X06-36	CM	45.6	94	34	4.1	1.1	36.1	18.2	57.5	42.1	49.9	33.1				
Merschman	Coollidge 734RR	SG	45.4	94	35	3.8	1.2	35.0	19.1	57.6	42.9	52.8	28.8				
Merschman	Washington IXRR	SG	45.2	93	35	3.4	1.3	34.9	19.3	55.6	41.8	49.7	34.5				

continued—

Table 26. Southwest district, 2006 district and single-location means. SCN-resistant test, 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
Merschman	Grant III RR	SG	44.7	92	35	3.7	1.3	35.0	19.2	53.3	43.4	50.3	31.4
Kruger	K-340RR/SCN	CM	44.7	92	35	3.9	1.2	35.0	19.0	57.8	42.4	46.8	31.8
Thompson	T-3435+ RR/SCN	C	44.5	92	35	3.8	1.3	34.9	19.3	53.4	42.6	49.4	32.0
NuTech	NT-3435 RR/SCN		43.3	90	34	3.8	1.2	34.3	19.4	51.2	42.3	47.6	33.2
NK Brand	* S37-N4	CM	42.8	88	37	4.3	1.3	36.2	17.7	48.9	41.2	46.1	34.9
Experiment Mean			48.4		32	3.9	1.2	35.6	18.7	60.4	48.0	51.6	33.5
Minimum Mean			42.8		25	3.4	1.1	34.3	17.5	48.9	41.0	46.1	28.8
Maximum Mean			54.5		37	4.8	1.5	38.1	19.5	69.6	56.6	58.0	38.6
LSD (0.25)			2.5		1	0.3	0.1	1.0	0.5	3.0	2.8	1.6	2.5
Coefficient of Variability			5.8							5.9	7.0	3.8	8.9

Table 27. Southwest district, 2006 district and single-location means. Non-SCN-resistant 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
Kruger	K-310RR/LINO	CM	53.6	106	26	3.4	1.1	35.5	18.5	66.4	55.0	57.9	35.0
Pioneer	* 93M11	CM	53.4	105	26	3.2	1.1	36.1	19.7	67.1	57.9	55.6	34.1
Kruger	K-328RR	CM	53.0	105	29	3.3	1.2	35.5	18.8	65.6	60.7	53.4	32.4
NK Brand	* S30-D4	CM	52.9	104	29	4.2	1.1	36.2	18.6	65.1	54.7	57.7	33.3
Prairie Brand	PB-3216RR	CM	52.8	104	28	3.9	1.1	37.0	19.3	61.7	58.9	56.6	34.3
NK Brand	* S28-G1	CM	52.7	104	27	4.2	1.2	35.7	19.5	63.4	54.9	58.3	32.9
Excel	828RR/STS	CM	52.7	104	27	3.2	1.4	36.6	18.8	59.7	61.6	53.7	35.5
Renze	R3115RR	CM	51.5	102	29	3.6	1.2	35.3	19.1	64.5	55.3	54.8	31.4
Thompson	T-3101+ RR	C	51.3	101	30	3.5	1.2	35.2	18.8	62.3	55.0	56.3	31.3
Dyna-Gro	37K32	CM	50.9	100	30	3.9	1.4	35.0	19.0	63.2	57.1	52.3	31.4
SCN Resistant	* Check 5	CM	50.9	100	25	4.5	1.1	38.1	17.5	58.1	52.6	57.2	36.4
Kruger	K-289+RR	CM	50.7	100	30	3.3	1.2	36.5	18.6	61.6	55.9	54.2	30.8
Prairie Brand	PB-3123RR	CM	50.7	100	29	3.3	1.2	35.3	19.2	61.2	55.2	55.0	31.1
Kruger	K-310RR	CM	50.7	100	30	3.5	1.1	36.7	18.4	62.0	51.6	53.2	36.0
NuTech	NT-3101 RR	CM	50.6	100	29	3.3	1.2	34.9	19.2	61.0	55.9	53.8	31.1
Dyna-Gro	37B28	CM	50.5	100	28	3.6	1.3	36.0	19.5	56.9	56.8	55.7	33.2
Kruger	EX31C06	CM	50.4	99	29	3.3	1.3	35.6	19.0	59.2	58.3	50.6	33.1
FS HISOY	HS 3135	CM	49.9	98	30	3.8	1.3	34.9	19.2	60.6	53.6	53.0	33.6
Excel	829ARR	CM	49.9	98	29	4.3	1.2	37.2	18.2	60.2	50.2	53.7	35.6
Renze	R3037SR	CM	49.7	98	25	2.8	1.2	37.0	18.8	57.3	56.9	52.9	31.2
Asgrow	* AG3006	CM	49.5	98	29	3.3	1.2	36.3	18.7	59.7	55.5	50.7	32.0
Excel	8259RR	CM	48.7	96	26	3.0	1.3	35.1	19.6	57.1	56.4	55.3	26.4
SCN Resistant	* Check 7	CM	48.7	96	31	4.6	1.3	35.8	18.4	60.1	45.7	53.2	34.9
Prairie Brand	PB-2825RR	CM	48.1	95	26	2.3	1.3	36.2	19.4	58.0	55.1	55.9	23.3
Kruger	EX28B06	CM	46.3	91	27	3.4	1.2	37.3	19.2	54.5	51.4	52.3	28.0
Renze	R2645RR	CM	46.0	91	21	3.2	1.2	36.5	19.4	55.9	48.8	53.6	26.2
Experiment Mean			50.7		28	3.5	1.2	36.0	19.0	60.8	55.1	54.7	32.2
Minimum Mean			46.0		21	2.3	1.1	34.9	17.5	51.8	45.7	50.6	23.3
Maximum Mean			53.8		31	4.6	1.4	38.1	19.7	67.1	61.6	58.8	36.4
LSD (0.25)			2.2		2	0.3	0.1	1.0	0.5	2.8	2.6	1.9	2.5
Coefficient of Variability			5.2							5.5	5.6	4.3	9.3

Table 28. Southwest district, 2006 district and single-location means. Non-SCN-resistant test, 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
Lewis	3827	SG+Go	52.6	106	34	3.7	1.1	35.4	19.1	67.7	52.4	54.0	35.7
Kruger	EX34B06	CM	51.9	105	28	2.8	1.2	35.7	19.1	63.3	53.6	53.5	37.7
NK Brand	* S30-D4	CM	51.9	104	29	4.2	1.1	36.2	18.6	64.2	52.1	56.9	33.6
NK Brand	S34-K1	CM	51.7	104	27	3.1	1.4	36.2	19.5	58.4	54.3	57.5	36.1
SCN Resistant	* Check 5	CM	51.0	103	25	4.5	1.2	38.1	17.5	60.6	54.6	52.7	36.8
Kruger	EX35B06	CM	50.3	101	34	3.5	1.1	35.6	18.5	61.5	50.1	53.1	36.1
SCN Resistant	* Check 6	CM	50.0	101	32	4.2	1.3	37.8	17.6	61.0	57.5	51.5	29.8
Renze	R3726RR		49.3	99	28	4.2	1.3	35.9	18.3	60.8	49.6	53.7	34.6
NuTech	NT-3777 RR		49.3	99	34	4.3	1.1	34.0	19.2	63.3	47.2	53.0	33.5
Kruger	K-330RR	CM	49.0	99	34	3.2	1.1	34.7	19.2	60.7	48.0	52.6	33.8
Merschman	Truman 636RR	SG	48.8	98	34	4.3	1.1	33.5	19.3	62.8	47.6	49.2	35.3
Prairie Brand	PB-3905RR		48.8	98	33	4.4	1.1	34.6	18.7	64.7	45.3	50.9	33.9
NK Brand	* S35-F9	CM	48.5	98	35	4.3	1.3	35.1	18.6	57.0	44.9	53.3	38.4
Kruger	EX33A06	CM	47.3	95	26	3.7	1.4	35.0	18.7	57.5	45.7	51.4	34.9
Prairie Brand	PB-3116RR		46.9	95	31	3.3	1.5	35.8	18.6	51.5	52.9	50.5	32.6
SCN Resistant	* Check 7	CM	46.8	94	31	4.6	1.2	35.8	18.4	56.0	46.2	52.2	33.3
SCN Resistant	* Check 8	CM	45.9	93	36	4.3	1.5	35.8	18.0	54.3	43.7	50.6	34.4
Experiment Mean			49.6		31	3.7	1.3	35.7	18.8	59.4	50.8	53.5	34.8
Minimum Mean			45.9		25	2.8	1.1	33.5	17.5	51.5	43.7	49.2	29.8
Maximum Mean			52.6		36	4.6	1.6	38.1	19.5	67.7	57.6	58.2	38.4
LSD (0.25)			2.6		2	0.3	0.2	1.0	0.5	3.1	3.1	1.7	1.7
Coefficient of Variability			6.0							6.3	7.3	3.9	6.1

Table 29. Southeast district, 2006 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 %	Creston	Melrose	Crawfordsville				
			49.5	108	26	3.2	1.0	36.1	19.7							
SCN Susceptible	* Check 11	CM	49.5	108	26	3.2	1.0	36.1	19.7	56.1	35.1	57.3				
Prairie Brand	PB-2956NRR		49.3	108	29	3.6	1.0	36.9	19.0	54.5	33.3	60.7				
Pioneer	* 93M42	CM	48.1	107	31	4.5	1.1	35.8	18.4	53.6	34.0	59.3				
Asgrow	* AG3101	CM	48.1	105	25	4.5	1.1	38.1	17.5	54.4	38.0	51.7				
SCN Susceptible	* Check 12	CM	47.5	104	29	4.2	1.1	36.2	18.6	56.6	37.3	48.8				
Kruger	K-341RR/SCN	CM	47.3	103	29	3.5	1.1	35.7	18.9	53.6	35.6	52.4				
Dyna-Gro	34N30	CM	46.6	102	31	2.8	1.1	36.5	18.2	53.9	30.9	55.1				
NK Brand	S28-Y2	CM	46.6	102	27	3.8	1.0	36.5	19.2	53.1	34.3	52.3				
Thompson	T-3030+ RR/SCN	C	46.4	102	31	2.8	1.2	37.7	17.5	53.3	33.2	52.5				
SCN Susceptible	* Check 8	CM	46.3	101	26	3.3	1.1	36.4	18.6	53.5	35.5	50.0				
Kruger	K-292RR/SCN	CM	46.0	101	25	3.8	1.2	36.8	19.3	55.2	36.0	46.8				
Kruger	K-333RR/SCN	CM	45.9	100	33	3.4	1.3	34.7	19.5	50.5	34.6	52.7				
Kruger	K-315RR/SCN	CM	45.8	100	30	3.3	1.2	35.5	18.5	53.6	35.8	47.8				
FS HISOY	HS 3266	CM	45.7	100	32	3.4	1.3	35.3	19.4	51.4	34.3	51.5				
SCN Susceptible	* Check 10	CM	45.7	100	29	3.3	1.2	36.3	18.7	51.8	33.8	51.3				
Asgrow	AG2802	CM	45.3	99	25	3.2	1.1	36.4	19.6	56.1	30.1	49.8				
Thompson	T-2880+ RR/SCN	C	45.0	98	28	3.0	1.1	36.2	18.5	55.2	35.4	44.2				
Prairie Brand	PB-3316NRR		45.0	98	32	3.6	1.3	35.8	18.7	52.7	35.1	47.3				
Prairie Brand	PB-2896NRR		45.0	98	30	3.2	1.1	36.3	18.7	55.8	30.3	49.0				
NK Brand	S30-J8	CM	45.0	98	30	4.3	1.0	37.5	18.6	51.4	29.1	54.3				
Lewis	2887	SG+Go	44.9	98	27	3.9	1.3	35.3	19.2	50.5	28.7	55.4				
Kruger	K-286RR/SCN	CM	44.9	98	26	3.9	1.0	36.6	18.7	54.9	31.7	47.9				
Dyna-Gro	35P29	CM	44.8	98	24	3.3	1.1	36.1	19.3	52.9	32.5	48.8				
Merschman	Hoover 730RR	SG	44.7	98	31	2.4	1.0	37.4	18.0	51.4	31.1	51.2				
Dyna-Gro	36C28	CM	44.4	97	28	3.3	1.1	36.5	18.4	54.3	32.7	46.2				
Prairie Brand	PB-3056NRR	CM	44.2	97	31	2.8	1.1	36.5	18.3	51.0	30.8	51.1				
Kruger	K-283RR/SCN	CM	44.1	96	28	3.0	1.1	36.0	18.7	53.5	32.0	46.6				
Merschman	Cherokee 729RR	SG	43.8	96	28	3.8	1.0	36.3	19.0	53.0	30.0	48.2				
Prairie Brand	PB-2994NRR		43.5	95	24	3.6	1.1	36.3	19.6	53.3	31.7	45.6				
NuTech	NT-3131 RR/SCN		42.9	94	25	3.0	1.1	36.8	19.5	49.9	27.2	51.6				
Merschman	Chickasaw 728RR	SG	42.0	92	29	3.2	1.0	35.5	19.2	50.1	31.0	45.1				
Merschman	Jefferson 630RR	SG	40.8	89	25	3.7	1.0	35.2	19.7	48.7	27.7	46.1				
Experiment Mean			45.7		28	3.4	1.1	36.3	18.9	53.4	32.9	50.9				
Minimum Mean			40.8		24	2.4	1.0	34.7	17.5	48.7	27.2	44.2				
Maximum Mean			49.5		33	4.6	1.3	38.1	19.7	56.6	38.0	60.7				
LSD (0.25)			2.6		1	0.3	0.1	1.0	0.5	1.7	2.3	2.3				
Coefficient of Variability			5.0							3.8	8.4	5.5				

Table 30. Southeast district, 2006 district and single-location means. SCN-resistant test, MG 3.3-3.9.

Brand	Entry	IST	District Means							Single-Location Yield				
			Yield %	Maturity	IDC	Lodging	Protein	Oil	Creston	Melrose	Crawfordsville			
			of Mean	Date	Score	Score	(%)	%						
SCN Susceptible	* Check 11	CM	113	26	3.2	1.0	36.1	19.7	54.7	43.2	54.5			
Prairie Brand	PB-3796NRR		48.3	33	3.9	1.0	35.7	19.2	53.9	33.7	57.3			
Thompson	T-3888+ RR/SCN	C	47.5	34	3.8	1.0	35.7	18.9	52.8	30.0	59.7			
Dyna-Gro	35D33	CM	47.3	29	4.2	1.1	37.4	18.1	51.2	35.4	54.9			
NuTech	NT-3888 RR/SCN		47.2	34	3.6	1.0	35.8	19.3	52.8	29.9	59.4			
Kruger	K-399RR/SCN	CM	47.1	36	4.2	1.2	34.9	18.1	50.2	35.5	55.5			
Kruger	K-363RR/SCN	CM	47.1	31	3.5	1.1	35.2	18.8	51.0	35.1	55.0			
SCN Susceptible	* Check 12	CM	46.7	29	4.2	1.0	36.2	18.6	54.9	33.0	52.9			
Lewis	3407	SG+Go	46.5	30	4.1	1.0	34.7	18.7	51.0	34.7	53.7			
Pioneer	* 93M42	CM	46.5	31	4.6	1.0	35.8	18.4	49.6	32.1	57.3			
Asgrow	* AG3101	CM	46.5	25	4.5	1.0	38.1	17.5	50.7	35.4	52.2			
Asgrow	AG3705	CM	46.4	35	4.0	1.0	34.6	18.8	51.1	30.8	56.8			
Dyna-Gro	35Y35	CM	46.4	31	3.8	1.0	35.2	18.8	51.1	33.8	55.8			
Merschman	Monroe 735RR	SG	46.4	31	3.4	1.1	34.7	18.6	50.7	34.2	55.3			
Thompson	T-3909+ RR/SCN/STS	C	46.3	33	4.7	1.1	35.3	18.6	48.9	32.4	57.3			
Merschman	Roosevelt 737RR	SG	46.1	34	3.4	1.0	35.6	19.1	53.0	27.1	57.2			
Kruger	K-382RR/SCN	CM	46.0	33	3.5	1.0	35.7	19.0	54.1	27.1	56.8			
Kruger	K-389RR/SCN	CM	45.5	33	4.6	1.1	34.6	18.5	46.5	33.2	55.5			
Prairie Brand	PB-3894NRRSTS		45.2	32	4.8	1.0	34.9	18.9	47.3	30.9	57.4			
NuTech	NT-3532 RR/SCN		45.1	29	4.2	1.0	35.3	18.8	49.0	31.7	55.7			
Kruger	K-355RR/SCN	CM	45.0	35	3.5	1.1	34.4	19.4	49.2	34.6	50.5			
Thompson	T-3532+ RR/SCN	C	44.6	31	3.8	1.0	35.3	18.5	49.9	29.3	54.9			
Dyna-Gro	37J34	CM	44.5	31	3.7	1.0	35.3	19.0	47.9	30.2	54.3			
FS HISOY	X06-34	CM	44.5	31	4.2	1.0	34.7	19.0	48.3	32.2	53.0			
Prairie Brand	PB-3436NRR		44.3	29	3.8	1.0	34.4	18.8	47.9	32.9	53.0			
NuTech	NT-3909 RR/SCN/STS		44.2	33	4.3	1.0	34.6	18.5	47.2	31.9	54.6			
NK Brand	S33-A8	CM	44.0	32	3.6	1.2	35.5	18.8	49.9	34.1	48.3			
Asgrow	* AG3602	CM	44.0	32	4.2	1.1	37.8	17.6	52.1	26.6	53.6			
NuTech	NT-3663 RR/SCN		43.9	34	3.8	1.0	37.3	17.9	51.6	34.8	44.6			
Merschman	Grant III RR	SG	43.9	35	3.7	1.1	35.0	19.2	49.4	31.4	50.8			
Prairie Brand	PB-3556NRR		43.9	26	3.6	1.0	37.4	19.3	53.4	26.7	51.5			
FS HISOY	HS 3536	CM	43.9	35	3.4	1.1	35.6	18.9	47.3	33.5	49.8			
Prairie Brand	PB-3785NRR		43.8	30	3.5	1.0	36.8	18.0	51.1	27.7	53.3			
FS HISOY	HS 3656	CM	43.7	35	3.5	1.1	37.0	18.4	44.9	31.9	54.5			
Thompson	T-3435+ RR/SCN	C	43.3	35	3.8	1.1	34.9	19.3	45.7	32.0	51.4			
Prairie Brand	PB-3656NRR		42.5	33	3.9	1.1	37.2	17.6	51.4	33.1	43.6			
Merschman	Coolidge 734RR	SG	42.3	35	3.8	1.1	35.0	19.1	48.2	29.5	50.3			
Pioneer	* 93M95	CM	42.3	36	4.3	1.2	35.8	18.0	47.5	30.8	49.9			
Asgrow	AG3505	CM	42.2	31	4.4	1.0	36.4	18.3	46.4	32.1	48.4			
Merschman	Kennedy 538RR	SG	41.9	32	3.5	1.0	35.6	19.1	48.2	29.3	48.3			
Kruger	K-340RR/SCN	CM	41.8	35	3.9	1.1	35.0	19.0	45.3	27.7	51.2			
Merschman	Washington IXRR	SG	41.7	35	3.4	1.3	34.9	19.3	47.6	33.2	44.9			

continued—

Table 30. Southeast district, 2006 district and single-location means. SCN-resistant test, 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	Crawfordsville
FS HISOY	X06-36	CM	41.6	93	34	4.1	1.0	36.1	18.2	48.7	30.2	46.9
DEKALB	DKB35-52	CM	41.6	93	34	3.8	1.0	37.2	17.7	50.2	30.3	44.3
NK Brand	* S37-IN4	CM	40.7	91	37	4.3	1.1	36.2	17.7	44.9	32.6	44.1
NuTech	NT-3435 RR/SCN		39.9	90	34	3.8	1.1	34.3	19.4	45.6	25.4	48.9
NK Brand	* S36-C7	CM	38.9	87	36	4.0	1.0	37.5	17.9	44.4	25.0	47.6
Experiment Mean			44.6		32	3.9	1.1	35.7	18.7	49.6	31.6	52.5
Minimum Mean			38.9		25	3.1	1.0	34.3	17.5	44.4	25.0	43.6
Maximum Mean			50.4		37	4.8	1.3	38.1	19.7	54.9	43.2	59.7
LSD (0.25)			3.0		1	0.3	0.1	1.0	0.5	1.7	3.5	2.4
Coefficient of Variability			6.5							4.0	13.4	5.5

Table 31. Southeast district, 2006 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 %	Creston	Melrose	Crawfordsville	
Kruger	K-310RR/LINO	CM	50.8	104	26	3.4	1.0	35.5	18.5	56.9	36.5	59.3	
Pioneer	* 93M11	CM	50.5	103	26	3.2	1.1	36.1	19.7	57.5	34.2	59.7	
NK Brand	* S28-G1	CM	50.3	103	27	4.2	1.1	35.7	19.5	58.4	34.9	57.7	
NK Brand	* S30-D4	CM	50.1	103	29	4.2	1.0	36.2	18.6	57.5	35.9	57.4	
Prairie Brand	PB-3216RR	CM	50.0	102	28	3.9	1.0	37.0	19.3	57.5	33.8	58.6	
Kruger	K-289+RR	CM	49.8	102	30	3.3	1.1	36.5	18.6	54.5	33.2	61.7	
Kruger	EX31C06	CM	49.7	102	29	3.3	1.2	35.6	19.0	53.7	36.3	58.8	
Kruger	K-310RR	CM	49.2	101	30	3.5	1.0	36.7	18.4	51.9	37.7	57.9	
SCN Resistant	* Check5	CM	49.0	100	25	4.5	1.0	38.1	17.5	54.3	37.0	55.9	
Thompson	T-3101+ RR	C	48.5	99	30	3.5	1.4	35.2	18.8	53.7	32.6	59.1	
Kruger	K-328RR	CM	48.4	99	29	3.3	1.2	35.5	18.8	53.7	32.7	58.7	
NuTech	NT-3101 RR	CM	48.3	99	29	3.3	1.1	34.9	19.2	54.3	31.1	59.5	
SCN Resistant	* Check 7	CM	48.3	99	31	4.6	1.1	35.8	18.4	52.3	34.7	58.2	
FS HISOY	HS 3135	CM	47.6	97	30	3.8	1.1	34.9	19.2	53.0	31.3	58.0	
Prairie Brand	PB-3123RR	CM	47.2	97	29	3.3	1.0	35.3	19.2	54.5	27.9	59.2	
Asgrow	* AG3006	CM	46.2	95	29	3.3	1.1	36.3	18.7	50.9	34.1	53.6	
Kruger	EX28B06	CM	45.7	94	27	3.4	1.1	37.3	19.2	53.0	31.8	52.5	
Prairie Brand	PB-2825RR	CM	43.4	89	26	2.3	1.0	36.2	19.4	54.7	22.0	53.7	
Experiment Mean			48.8		28	3.6	1.1	35.8	19.0	55.3	33.8	57.5	
Minimum Mean			43.4		25	2.3	1.0	34.9	17.5	50.9	22.0	52.5	
Maximum Mean			52.1		31	4.6	1.4	38.1	19.7	59.7	39.5	61.7	
LSD (0.25)			2.5		2	0.3	0.1	1.0	0.5	1.6	2.4	2.1	
Coefficient of Variability			4.9							3.4	8.6	4.3	

Table 32. Southeast district, 2006 district and single-location means. Non-SCN-resistant 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	Crawfordsville	
Lewis	3827	SG+Go	48.1	105	34	3.7	1.0	35.4	19.1	53.7	31.2	59.4	
Pioneer	* 93M11	CM	47.3	103	26	3.2	1.0	36.1	19.7	54.3	26.5	60.6	
Kruger	K-330RR	CM	47.3	103	34	3.2	1.0	34.7	19.2	50.0	32.1	59.3	
SCN Resistant	* Check 7	CM	47.1	103	31	4.6	1.0	35.8	18.4	50.3	30.3	60.0	
Kruger	EX35B06	CM	46.9	103	34	3.5	1.1	35.6	18.5	51.0	33.1	56.9	
SCN Resistant	* Check 5	CM	46.6	102	25	4.5	1.1	38.1	17.5	52.4	35.2	52.5	
NK Brand	S34-K1	CM	46.2	101	27	3.1	1.2	36.2	19.5	54.9	29.2	55.1	
Prairie Brand	PB-3116RR	CM	46.2	101	31	3.3	1.2	35.8	18.6	51.9	31.6	54.8	
NK Brand	* S35-F9	CM	46.2	101	35	4.3	1.1	35.1	18.6	51.5	37.0	49.8	
Kruger	EX34B06	CM	45.9	100	28	2.8	1.1	35.7	19.1	53.4	31.8	52.4	
NK Brand	* S30-D4	CM	45.4	99	29	4.2	1.0	36.2	18.6	52.8	28.9	54.1	
Kruger	EX33A06	CM	45.2	99	26	3.7	1.2	35.0	18.7	47.4	32.9	55.0	
SCN Resistant	* Check 6	CM	44.8	98	32	4.2	1.0	37.8	17.6	50.1	28.7	55.3	
Prairie Brand	PB-3905RR	CM	44.1	96	33	4.4	1.0	34.6	18.7	50.0	33.6	49.4	
SCN Resistant	* Check 8	CM	43.9	96	36	4.3	1.2	35.8	18.0	48.3	30.4	53.2	
Merschman	Truman 636RR	SG	43.3	95	34	4.3	1.0	33.5	19.3	47.6	30.4	51.5	
Gutwein	H-3631 RR	AM	42.9	94	35	4.0	1.1	-	-	46.8	34.7	46.5	
NuTech	NT-3777 RR	AM	42.9	94	34	4.3	1.0	34.0	19.2	49.2	28.9	49.9	
Experiment Mean			45.8		31	3.7	1.1	35.7	18.9	51.3	31.4	54.5	
Minimum Mean			42.9		25	2.8	1.0	33.5	17.5	46.8	26.5	46.5	
Maximum Mean			48.1		36	4.6	1.2	38.1	19.7	54.9	37.0	60.6	
LSD (0.25)			2.8		2	0.3	0.1	1.0	0.5	1.8	2.6	2.3	
Coefficient of Variability			5.3							4.2	10.0	5.1	

Table 33. Soybean cyst nematode percent reproduction.

Brand	Entry	% Repro.	Brand	Entry	% Repro.	Brand	Entry	% Repro.
Asgrow	AG2002	8	Kruger	K-315RR/SCN	4	Pioneer	92M40	6
Asgrow	AG2406	13	Kruger	K-333RR/SCN	21	Pioneer	92M61	9
Asgrow	AG2603	10	Kruger	K-340RR/SCN	17	Pioneer	93M42	13
Asgrow	AG2802	20	Kruger	K-341RR/SCN	19	Pioneer	93M95	8
Asgrow	AG3101	9	Kruger	K-355RR/SCN	26	Prairie Brand	PB-1885NRR	16
Asgrow	AG3505	18	Kruger	K-363RR/SCN	6	Prairie Brand	PB-1936NRR	9
Asgrow	AG3705	15	Kruger	K-382RR/SCN	9	Prairie Brand	PB-2056NRR	6
DEKALB	DKB16-52	6	Kruger	K-389RR/SCN	11	Prairie Brand	PB-2183NRR	11
DEKALB	DKB24-52	4	Kruger	K-399RR/SCN	8	Prairie Brand	PB-2196NRR	7
DEKALB	DKB27-52	7	Latham	E1885R	14	Prairie Brand	PB-2236NRR	4
DEKALB	DKB27-53	6	Latham	E2085R	5	Prairie Brand	PB-2316NRR	8
DEKALB	DKB35-52	9	Latham	E2158R	7	Prairie Brand	PB-2385NRR	11
Bio Gene	BG2707 RN	51	Latham	E2283R	4	Prairie Brand	PB-2494NRR	16
Dairyland	DSR-2000/RRSTS	7	Latham	E2583R	6	Prairie Brand	PB-2596NRR	13
Dairyland	DSR-2511/RR	7	Latham	E3258R	16	Prairie Brand	PB-2636NRR	27
Dairyland	DSR-2929/RR	3	Latham	L2468R	9	Prairie Brand	PB-2794NRR	15
Dairyland	DSR-3130/RR	22	Latham	L2884R	9	Prairie Brand	PB-2896NRR	6
Dyna-Gro	31D20	10	Latham	L2987R	9	Prairie Brand	PB-2956NRR	9
Dyna-Gro	33D27	28	Lewis	2887	7	Prairie Brand	PB-2994NRR	6
Dyna-Gro	33X19	8	Lewis	3407	3	Prairie Brand	PB-3056NRR	5
Dyna-Gro	34K22	12	Merschman	Cherokee 729RR	11	Prairie Brand	PB-3316NRR	10
Dyna-Gro	34N30	9	Merschman	Chickasaw 728RR	4	Prairie Brand	PB-3436NRR	9
Dyna-Gro	35D33	10	Merschman	Comanche 725RR	4	Prairie Brand	PB-3556NRR	5
Dyna-Gro	35F25	8	Merschman	Coolidge 734RR	22	Prairie Brand	PB-3656NRR	6
Dyna-Gro	35P29	4	Merschman	Grant IIIRR	25	Prairie Brand	PB-3785NRR	9
Dyna-Gro	35Y35	10	Merschman	Hoover 730RR	9	Prairie Brand	PB-3796NRR	8
Dyna-Gro	36C28	8	Merschman	Jefferson 630RR	7	Prairie Brand	PB-3894NRRSTS	13
Dyna-Gro	36D24	8	Merschman	Kennedy 538RR	11	Renk	RS204NRR	7
Dyna-Gro	37G24	3	Merschman	Mohegan 624RR	9	Renk	RS246NRR	4
Dyna-Gro	37J34	12	Merschman	Monroe 735RR	10	Renze	R2287RRcn	8
Excel	8196NNRR/STS	6	Merschman	Navaho 720RR	15	Renze	R2496RRcn	11
Excel	8236NRR	36	Merschman	Roosevelt 737RR	30	Renze	R2587RRcn	2
Excel	8260NNRR	10	Merschman	Shawnee 527RR	22	Renze	R2887RRcn	12
Excel	8271NRR	16	Merschman	Washington IXRR	29	Renze	R2996RRcn	4
Excel	8288NNRR	4	Mustang	M-177NRR	15	Renze	R3497RRcn	7
Excel	8291NNRR	7	Mustang	M-194NRR	9	Renze	R3797RRcn	10
Excel	8301NRR	11	Mustang	M-246NRR	8	Renze	R3835SRcn	15
Excel	8308NRR	12	Mustang	M-247NRR	9	Thompson	T-1717 RR/SCN	10
FS HiSOY	HS 2846	11	Mustang	M-277NRR	11	Thompson	T-2121+ RR/SCN	9
FS HiSOY	HS 2956	9	NK Brand	S19-L7	16	Thompson	T-2222 RR/SCN	8
FS HiSOY	HS 3156	7	NK Brand	S22-F5	45	Thompson	T-2324 RR/SCN	14
FS HiSOY	HS 3266	10	NK Brand	S28-Y2	10	Thompson	T-2440+ RR/SCN	7
FS HiSOY	HS 3536	11	NK Brand	S30-J8	5	Thompson	T-2444+ RR/SCN	5
FS HiSOY	HS 3656	5	NK Brand	S33-A8	8	Thompson	T-2616 RR/SCN	30
FS HiSOY	X06-22	6	NK Brand	S36-C7	13	Thompson	T-2660+ RR/SCN	12
FS HiSOY	X06-27	17	NK Brand	S37-N4	5	Thompson	T-2701 RR/SCN	6
FS HiSOY	X06-34	13	NuTech	NT-1808 RR/SCN	6	Thompson	T-2770+ RR/SCN	17
FS HiSOY	X06-36	7	NuTech	NT-2012 RR/SCN	5	Thompson	T-2777+ RR/SCN	11
Gold Country	2420NRR	4	NuTech	NT-2121 RR/SCN	6	Thompson	T-2880+ RR/SCN	6
Gold Country	3724NRR	9	NuTech	NT-2222+ RR/SCN	13	Thompson	T-3030+ RR/SCN	10
JGL	260-N	64	NuTech	NT-2324+ RR/SCN	17	Thompson	T-3435+ RR/SCN	9
Kruger	K-188RR/SCN	22	NuTech	NT-2424 RR/SCN	13	Thompson	T-3532+ RR/SCN	6
Kruger	K-195+RR/SCN	9	NuTech	NT-2444 RR/SCN	5	Thompson	T-3888+ RR/SCN	7
Kruger	K-201RR/SCN	6	NuTech	NT-2660 RR/SCN	8	Thompson	T-3909+ RR/SCN/STS	11
Kruger	K-210RR/SCN	13	NuTech	NT-2770 RR/SCN	14	Thompson	T-7193+ RR/SCN	8
Kruger	K-222RR/SCN	16	NuTech	NT-2777 RR/SCN	17	Trelay	2225RR	8
Kruger	K-235RR/SCN	12	NuTech	NT-2799V RR/SCN	8	Trelay	2275RR	11
Kruger	K-237RR/SCN	44	NuTech	NT-2880 RR/SCN	8	Trelay	2294RR	5
Kruger	K-244RR/SCN	11	NuTech	NT-2919 RR/SCN	9	Viking	1908CNRR	7
Kruger	K-275RR/SCN	14	NuTech	NT-3030 RR/SCN	5	Viking	2368CNRR	7
Kruger	K-276RR/SCN	9	NuTech	NT-3131 RR/SCN	49			
Kruger	K-279RR/SCN	46	NuTech	NT-3435 RR/SCN	6			
Kruger	K-283RR/SCN	5	NuTech	NT-3532 RR/SCN	5			
Kruger	K-286RR/SCN	10	NuTech	NT-3663 RR/SCN	4			
Kruger	K-287RR/SCN	11	NuTech	NT-3888 RR/SCN	6			
Kruger	K-292RR/SCN	13	NuTech	NT-3909 RR/SCN/STS	6			
			NuTech	NT-7193 RR/SCN	6			

Table 34. Origin and descriptive data for entries tested in 2006 (continued)*.

Entry	IST	SCN	FC	HC	PC	BSR	Phyto Race			Entry	IST	SCN	FC	HC	PC	BSR	Phyto Race		
							1	3	4								1	3	4
Kruger Seed Co., Dike, IA (800-712-2721)									Lewis Hybrids, Inc., Ursa IL (217-964-2131)										
Kruger									Lewis										
EX28B06	CM		W	BL	LT	-	S	S	S	2887	SG+Go	Y	P	BL	T	Y	R	R	R
EX31C06	CM		W	BL	LT	-	R	R	R	3407	SG+Go	Y	P	BL	T	-	R	R	R
EX33A06	CM		P	BL	LT	-	R	R	R	3827	SG+Go		P	IB	G	-	-	-	-
EX34B06	CM		P	BL	T	-	R	R	R	Merschman Seeds, West Point, IA (800-848-7333)									
EX35B06	CM		P	BL	T	-	R	R	R	Merschman									
K-177RR	CM		P	BR	T	-	R	R	R	Cherokee 729RR	SG	Y	P	BL	LT	N	S	S	S
K-188RR/SCN	CM	Y	P	IB	G	-	R	R	R	Chickasaw 728RR	SG	Y	P	BR	T	N	R	R	R
K-194RR	CM		W	BL	T	-	-	-	-	Comanche 725RR	SG	Y	P	BL	LT	N	S	S	S
K-195+RR/SCN	CM	Y	P	IB	G	-	R	R	R	Coolidge 734RR	SG	Y	W	BL	LT	N	R	R	R
K-201RR/SCN	CM	Y	M	BL	T	-	R	R	S	Grant IIRR	SG	Y	W	BL	T	N	R	R	R
K-210RR/SCN	CM	Y	P	IB	G	-	R	R	R	Hoover 730RR	SG	Y	W	BF	G	N	R	R	S
K-211+RR	CM		W	BF	T	-	-	-	-	Jefferson 630RR	SG	Y	P	BL	LT	N	S	S	S
K-222RR/SCN	CM	Y	P	BL	LT	-	R	R	R	Kennedy 538RR	SG	Y	P	BL	T	N	S	S	S
K-223+RR	CM		W	BR	LT	-	R	R	R	Mars 618RR	SG		W	BF	T	Y	S	S	S
K-226RR	CM		W	BR	LT	-	R	S	S	Mohegan 624RR	SG	Y	P	BL	LT	N	S	S	S
K-233+RR	CM		M	BL	LT	-	-	-	-	Monroe 735RR	SG	Y	P	BL	LT	N	S	S	S
K-234RR	CM		W	BR	LT	-	-	-	-	Navaho 720RR	SG	Y	M	BL	T	N	R	R	S
K-235RR/SCN	CM	Y	P	BR	LT	-	M	M	S	Roosevelt 737RR	SG	Y	P	IB	G	N	S	S	S
K-237RR/SCN	CM	Y	P	IB	G	-	S	S	S	Shawnee 527RR	SG	Y	W	BL	LT	Y	S	S	S
K-244RR/SCN	CM	Y	P	BL	LT	-	S	S	S	Sioux IIRR	SG		P	IB	G	N	R	R	R
K-255RR	CM		P	BR	LT	-	S	S	S	Truman 636RR	SG		P	BR	LT	N	S	S	S
K-256RR	CM		W	BL	LT	-	-	-	-	Washington IXRR	SG	Y	P	BL	LT	N	R	R	R
K-259RR	CM		W	BL	T	-	R	R	R	Mustang Seeds, Madison, SD (800-952-3234)									
K-260RR/LINO	CM		P	BL	T	-	R	R	S	Mustang									
K-275RR/SCN	CM	Y	P	IB	G	-	R	R	R	M-177NRR		Y	P	IB	G	-	R	R	R
K-276RR/SCN	CM	Y	W	BR	LT	-	S	S	S	M-194NRR		Y	P	IB	G	-	R	R	R
K-279RR/SCN	CM	Y	W	BL	LT	-	S	S	S	M-207RR			W	BL	T	-	R	R	R
K-283RR/SCN	CM	Y	P	BR	T	-	R	R	R	M-227RR			W	BR	LT	-	S	S	S
K-286RR/SCN	CM	Y	P	BL	LT	-	S	S	S	M-237RR			W	BR	LT	-	R	R	R
K-287RR/SCN	CM	Y	W	BL	LT	-	R	R	S	M-246NRR		Y	P	BL	LT	-	S	S	S
K-289+RR	CM		W	BL	T	-	R	R	R	M-247NRR		Y	P	BL	LT	-	S	S	S
K-292RR/SCN	CM	Y	P	BL	LT	-	S	S	S	M-257RR			P	IB	G	-	R	R	S
K-310RR	CM		P	IB	G	-	R	R	R	M-264RR			W	BL	T	-	R	R	R
K-310RR/LINO	CM		P	BL	T	-	R	R	S	M-277NRR		Y	W	BR	LT	-	S	S	S
K-315RR/SCN	CM	Y	P	IB	G	-	R	R	S	Syngenta Seeds, Ames, IA (515-233-5395)									
K-328RR	CM		P	BL	T	-	R	R	S	NK Brand									
K-330RR	CM		P	IB	G	-	R	R	R	S19-L7	CM	Y	W	BL	T	N	S	S	S
K-333RR/SCN	CM	Y	W	BL	LT	-	R	R	R	S19-R5	CM		P	BL	T	N	R	S	S
K-340RR/SCN	CM	Y	W	BL	T	-	R	R	R	S21-N6	CM		P	BR	LT	N	R	R	R
K-341RR/SCN	CM	Y	W	BF	G	-	S	S	S	S22-F5	CM	Y	W	BL	T	N	R	S	S
K-355RR/SCN	CM	Y	W	BL	T	-	R	R	R	S23-H2	CM		W	BL	LT	N	R	S	S
K-363RR/SCN	CM	Y	P	BL	LT	-	S	S	S	S23-Z3	CM		W	BL	LT	N	R	S	S
K-382RR/SCN	CM	Y	P	IB	G	-	S	S	S	S24-K6	CM		P	BR	LT	N	R	R	R
K-389RR/SCN	CM	Y	W	BF	G	-	R	R	S	S25-B9	CM		W	BL	LT	N	R	S	S
K-399RR/SCN	CM	Y	P	IB	G	-	S	S	S	S26-V6	CM		W	BL	T	N	R	S	S
Latham Seed Co., Alexander, IA (641-692-3258)									S27-L4										
Latham									S28-G1										
E1885R		Y	W	BL	LT	Y	R	R	R	S28-Y2									
E1950R			W	BL	T	-	R	R	R	S29-J6									
E2085R		Y	M	BL	T	-	R	R	S	S30-D4									
E2158R		Y	P	IB	G	-	R	R	R	S30-J8									
E2253R			W	BR	LT	-	R	S	S	S31-V3									
E2283R		Y	P	BL	LT	Y	R	R	R	S33-A8									
E2583R		Y	P	BL	LT	-	S	S	S	S34-K1									
E2810R			W	IB	T	N	-	-	-	S35-F9									
E2976R			P	BL	LT	N	S	S	S	S36-C7									
E3145R			P	BL	G	Y	R	R	R	S37-N4									
E3258R		Y	W	BL	LT	N	R	R	R										
L2468R		Y	P	BL	LT	-	S	S	S										
L2500R			P	BR	LT	N	S	S	S										
L2775R			W	BL	T	N	R	R	R										
L2884R		Y	W	BL	LT	Y	R	R	S										
L2987R		Y	P	BL	LT	N	S	S	S										
L3157R			P	BL	T	Y	R	R	S										

continued—

Table 34. Origin and descriptive data for entries tested in 2006 (continued)*.

Entry	IST	SCN	FC	HC	PC	BSR	Phyto Race			Entry	IST	SCN	FC	HC	PC	BSR	Phyto Race		
							1	3	4								1	3	4
NuTech Seeds, Ames, IA (877-561-9067)							Prairie Brand Seed Co., Story City, IA (515-733-2101)												
NuTech							Prairie Brand												
NT-1808 RR/SCN		Y	P	BL	T	N	R	R	S	PB-1885NRR		Y	P	IB	G	N	R	R	R
NT-1991 RR			W	BL	T	N	R	R	R	PB-1916RR			W	BL	T	N	R	R	R
NT-2012 RR/SCN		Y	P	BL	T	N	R	R	S	PB-1936NRR		Y	M	BL	T	N	R	R	S
NT-2121 RR/SCN		Y	P	BL	LT	N	R	R	R	PB-1954RR			M	BL	T	Y	R	S	S
NT-2213 RR			W	BR	LT	N	R	S	S	PB-2056NRR		Y	M	BL	G	N	R	R	S
NT-2220 RR			W	BL	LT	N	S	S	S	PB-2141RR			W	BR	LT	N	R	R	R
NT-2222+ RR/SCN	C	Y	P	IB	G	-	R	R	R	PB-2183NRR		Y	P	IB	G	N	R	R	R
NT-2232 RR			W	BR	G	N	R	S	S	PB-2196NRR		Y	P	IB	G	N	R	R	R
NT-2320 RR			W	BR	G	N	R	S	S	PB-2216RR			W	BR	LT	N	R	S	S
NT-2324+ RR/SCN	C	Y	P	BR	LT	N	R	R	S	PB-2236NRR		Y	P	BL	LT	Y	R	R	R
NT-2333+ RR	C		P	BF	G	N	R	S	S	PB-2243RR			W	Y	T	Y	R	R	R
NT-2424 RR/SCN		Y	P	BL	LT	N	S	S	S	PB-2276RR			P	BL	LT	Y	S	S	S
NT-2444 RR/SCN		Y	P	BL	LT	N	R	R	R	PB-2316NRR		Y	P	BL	LT	Y	R	R	R
NT-2626 RR			P	BR	LT	N	S	S	S	PB-2356RR			W	BL	LT	N	S	S	S
NT-2626+ RR	C		P	BR	LT	N	S	S	S	PB-2376RR			P	BL	LT	Y	S	S	S
NT-2660 RR/SCN		Y	W	BR	T	N	R	R	S	PB-2385NRR		Y	P	BL	LT	N	S	S	S
NT-2700 RR			M	BL	LT	N	R	R	R	PB-2443RR			P	BL	LT	Y	R	R	R
NT-2707 RR			P	IB	G	N	R	R	S	PB-2456RR			W	BR	LT	N	R	R	R
NT-2770 RR/SCN		Y	W	BR	LT	N	S	S	S	PB-2494NRR		Y	P	IB	G	N	R	S	S
NT-2777 RR/SCN		Y	P	IB	G	N	R	R	R	PB-2536RR			M	BL	LT	N	R	R	R
NT-2799V RR/SCN		Y	W	BF	T	N	S	S	S	PB-2565RR			P	IB	G	N	R	R	S
NT-2880 RR/SCN		Y	P	BR	T	N	R	R	R	PB-2596NRR		Y	P	BL	LT	N	S	S	S
NT-2890+ RR	C		W	BL	T	N	R	R	R	PB-2636NRR		Y	P	IB	G	N	R	R	R
NT-2919 RR/SCN		Y	P	BL	LT	N	S	S	S	PB-2643RR			W	BL	T	N	R	R	R
NT-3030 RR/SCN		Y	W	BF	G	N	R	R	S	PB-2645RR			W	BL	T	N	R	R	R
NT-3101 RR			P	BL	T	N	R	R	S	PB-2736RR			P	BL	LT	Y	S	S	S
NT-3131 RR/SCN		Y	-	-	-	N	-	-	-	PB-2794NRR		Y	W	BL	LT	Y	R	R	S
NT-3435 RR/SCN		Y	P	BL	T	N	R	R	S	PB-2825RR			P	IB	G	N	R	R	R
NT-3532 RR/SCN		Y	P	BL	T	N	R	R	S	PB-2896NRR		Y	P	BR	T	N	R	R	R
NT-3663 RR/SCN		Y	W	BL	LT	N	R	R	S	PB-2956NRR		Y	W	BF	G	N	S	S	S
NT-3777 RR			P	BL	LT	N	S	S	S	PB-2994NRR		Y	P	BL	LT	N	S	S	S
NT-3888 RR/SCN		Y	W	BL	LT	N	S	S	S	PB-3056NRR		Y	W	BF	G	N	R	R	S
NT-3909 RR/SCN/STS		Y	W	BF	G	N	R	R	S	PB-3116RR			P	BL	T	N	R	R	S
NT-7193 RR/SCN		Y	P	IB	G	N	R	R	R	PB-3123RR			P	BL	T	N	R	R	S
NT-7205+ RR	C		W	BR	LT	N	R	R	R	PB-3216RR			P	BL	T	N	R	R	S
NT-7234 RR			W	BF	T	N	R	R	R	PB-3316NRR		Y	W	BL	LT	N	R	R	R
										PB-3436NRR		Y	P	BL	T	Y	R	R	S
										PB-3556NRR		Y	P	IB	G	N	S	S	S
										PB-3656NRR		Y	W	BR	T	N	R	R	S
										PB-3785NRR		Y	P	IB	G	N	R	R	S
										PB-3796NRR		Y	P	IB	G	N	S	S	S
										PB-3894NRRSTS		Y	W	BF	G	N	R	R	S
										PB-3905RR			P	BL	LT	N	S	S	S
Pioneer Hi-Bred Int'l, Inc., Johnston, IA (800-247-6803)							Renk Seed Co., Sun Prairie, WI (608-837-7351)												
Pioneer							Renk												
92M02	CM		P	BR	LT	Y	R	R	R	RS204NRR	AM	Y	P	IB	G	N	R	R	R
92M40	CM	Y	W	BL	LT	Y	R	R	S	RS223RR	AM		W	Y	T	Y	R	R	R
92M61	CM	Y	P	BF	G	N	S	S	S	RS246NRR	AM	Y	P	BL	LT	-	S	S	S
92M91	CM		P	BL	LT	Y	R	R	R	RS253RR	AM		P	BR	LT	N	S	S	S
93M11	CM		P	BL	LT	Y	R	R	R	RS265RR	AM		P	IB	G	N	R	R	S
93M42	CM	Y	W	BL	LT	N	S	S	S										
93M95	CM	Y	W	BL	T	Y	R	R	R										

continued—

Table 34. Origin and descriptive data for entries tested in 2006 (continued)*.

Entry	IST	SCN	FC	HC	PC	BSR	Phyto Race			Entry	IST	SCN	FC	HC	PC	BSR	Phyto Race		
							1	3	4								1	3	4
Renze Hybrids, Inc., Carroll, IA (712-669-3301)								Trelay Seed Co., Livingston, WI (608-943-6363)											
Renze								Trelay											
R2287RRcn		Y	P	BL	LT	Y	R	R	R	2225RR	SG	Y	P	BL	LT	N	R	S	S
R2496RRcn		Y	P	BL	LT	N	S	S	S	2232RR	SG		P	BL	LT	N	S	S	S
R2587RRcn		Y	P	BL	LT	N	S	S	S	2263RR	SG		P	IB	G	N	R	S	S
R2617RR			W	BL	T	N	R	R	R	2275RR	SG	Y	P	IB	G	N	R	S	S
R2626RR			M	BL	LT	N	R	R	R	2294RR	SG	Y	P	BL	LT	N	S	S	S
R2645RR			P	IB	G	N	R	R	S	Albert Lea Seed House, Albert Lea, MN (507-373-3161)									
R2887RRcn		Y	P	BR	T	N	R	R	R	Viking									
R2996RRcn		Y	P	BL	LT	N	S	S	S	1908CNRR	Gs	Y	P	BR	LT	N	R	R	R
R3037SR			P	BL	LT	N	S	S	S	2029RR			W	BL	LT	Y	R	R	R
R3115RR			P	BL	LT	N	R	R	S	2274RR	Gs		W	BL	LT	N	S	S	S
R3497RRcn		Y	P	BL	T	Y	R	R	S	2280RR	Gs		W	BL	LT	N	R	S	R
R3726RR			P	BL	LT	N	S	S	S	2368CNRR	Gs	Y	P	BR	LT	N	R	R	R
R3797RRcn		Y	P	IB	G	N	S	S	S	*IST Insecticidal seed treatment									
R3835SRcn		Y	W	BF	G	N	R	R	S	AM ApronMaxx									
Thompson Seeds, Leland, IA (877-561-9067)								C Cruiser											
Thompson Seeds								CM CruiserMaxx											
T-1717 RR/SCN		Y	P	IB	G	N	R	R	R	Gs Gusto									
T-2121+ RR/SCN	C	Y	P	BL	LT	N	R	R	R	SG SoyGard									
T-2213+ RR	C		W	BR	LT	N	R	S	S	SG+Go SoyGard + Gaucho									
T-2220+ RR	C		W	BL	LT	N	S	S	S	SCN "Y" indicates the variety was submitted as having some level of resistance to soybean cyst nematode (SCN)									
T-2222 RR/SCN		Y	P	IB	G	N	R	R	R	FC Flower color (P = purple, W = white, M = mixture)									
T-2232+ RR	C		W	BR	G	N	R	S	S	HC Hilum color (BL = black, BR = brown, BF = buff, Y = yellow, G = gray, IB = imperfect black, IY = imperfect yellow)									
T-2320+ RR	C		W	BR	G	N	R	S	S	PC Pubescence color (T = tawny, G = gray, LT = light tan, M = mixture)									
T-2324 RR/SCN		Y	P	BR	LT	N	R	R	S	BSR Indicates if entry has any known resistance to brown stem rot									
T-2440+ RR/SCN	C	Y	P	BL	LT	N	S	S	S	Phyto Race 1, 3, 4 Indicates if entry has any known resistance to these 3 races of Phytophthora root rot									
T-2444+ RR/SCN	C	Y	P	BL	LT	N	S	S	S	-									
T-2616 RR/SCN		Y	W	BL	LT	N	S	S	S	Indicates information is either not known or was not supplied by the company									
T-2660+ RR/SCN	C	Y	W	BR	T	N	R	R	S										
T-2701 RR/SCN		Y	P	BR	T	N	R	R	S										
T-2770+ RR/SCN	C	Y	W	BR	LT	N	S	S	S										
T-2777+ RR/SCN	C	Y	P	IB	G	N	R	R	R										
T-2880+ RR/SCN	C	Y	P	IB	T	N	R	R	R										
T-3030+ RR/SCN	C	Y	W	BF	T	N	R	R	S										
T-3099+ RR	C		P	BL	T	-	R	R	S										
T-3101+ RR	C		P	BL	T	N	R	R	S										
T-3435+ RR/SCN	C	Y	-	-	-	-	-	-	-										
T-3532+ RR/SCN	C	Y	P	BL	T	N	R	R	S										
T-3888+ RR/SCN	C	Y	P	IB	G	N	S	S	S										
T-3909+ RR/SCN/STS	C	Y	W	BF	G	N	R	R	S										
T-7193+ RR/SCN	C	Y	P	IB	G	N	R	R	R										
T-7206 RR			W	BR	LT	N	R	R	R										
T-7206+ RR	C		W	BR	LT	N	R	R	R										