2011
NORTHERN REGIONAL SOYBEAN CYST NEMATODE TESTS

Coordinated by:
Troy Cary & Dr. Brian Diers
Department of Crop Sciences
University of Illinois
1102 South Goodwin Ave.
Urbana, IL 61801

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2011 NORTHERN REGIONAL SCN TESTS

Data compiled by:
Troy Cary (tcary@illinois.edu)
University of Illinois, Department of Crop Sciences
1102 South Goodwin Ave., Urbana, IL 61801
Office: 217-244-5138
Farm: 217-333-2965
Fax: 217-333-8718

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2011 REGIONAL SCN TESTS PATICIPANTS

Cooperator:	Technical Contact:
Prakash Arelli USDA-ARS 605 Airways Blvd. Jackson, TN 38301 Phone: 731-425-4741 Fax: 731-425-4760 Email: prakash.arelli@ars.usda.gov	Lisa Fritz USDA-ARS 605 Airways Blvd. Jackson, TN 38301 Phone: 731-425-4736 Fax: 731-425-4760 Email: lisa.fritz@ars.usda.gov
Elroy R. Cober Agriculture and Agri-Food Canada 960 Carling Ave., Bldg #110 Ottawa ON K1A 0C6 Canada Phone: 613-759-1610 Fax: 613-715-5399 E-mail: elroy.cober@agr.gc.ca	Ron Guillemette Agriculture and Agri-Food Canada 960 Carling Ave., Bldg #110 Ottawa ON K1A 0C6 Canada Phone: 613-759-1611 Fax: 613-715-5399 E-mail: ron.guillemette@agr.gc.ca
Silvia Cianzio Department of Agronomy Iowa State University Ames, IA 50011 Phone: 787-830-2390 Fax: 787-830-1045 E-mail: scianzio@iastate.edu	Greg Gebhart / Peter Lundeen Iowa State University 351 Bessey Hall Ames, IA 50011 Phone: 515-294-5896 Fax: 515-294-9420 E-mail: ggebhart@iastate.edu, plundeen@iastate.edu
Brian Diers Department of Crop Sciences University of Illinois 1102 S. Goodwin Ave. Urbana, IL 61801 Phone: 217-265-4062 Fax: 217-244-1707 E-mail: bdiers@illinois.edu	Troy Cary Department of Crop Sciences University of Illinois 1102 S. Goodwin Ave. Urbana, IL 61801 PHone: 217-244-5138 Fax: 217-244-1707 E-mail: tcary@illinois.edu
Pat Donald USDA-ARS 605 Airways Blvd. Jackson, TN 38301 Phone: 731-425-4739 Fax: 731-425-4760 Email: pat.donald@ars.usda.gov	Alan Blackwell USDA-ARS 605 Airways Blvd. Jackson, TN 38301 Phone: 731-425-4797 Fax: 731-425-4760 Email: alan.blackwell@ars.usda.gov

2011 REGIONAL SCN TESTS PATICIPANTS

Cooperator:	Technical Contact:
	Dennis Fischer Ridgetown College Main Street East Ridgetown, ON N0P2C0 Canada Phone: 519-674-1598 Fax: 519-674-1600 Email: dfischer@ridgetownc.uoguelph.ca
Walt Fehr Department of Agonomy Iowa State University Ames, IA Phone: 515-294-6865 Fax: 515-294-6514 E-mail: wfehr@iastate.edu	Kevin Scholbrock 1210 Agronomy Hall Iowa State University Ames, IA Phone: 515-294-0726 Fax: 515-294-6514 E-mail: kscholbr@iastate.edu
G. Graef 319 Keim Hall University of Nebraska-Lincoln Lincoln, NE 68583-0915 Phone: 402-472-1537 Fax: 402-472-6343 E-mail: ggraef@unl.edu	Les Korte 107 SSL - UNL 2100 North 39th St. Lincoln, NE 68583-0827 Phone: 402-472-6343 Fax: 402-472-7904 E-mail: lkorte@unl.edu
Ted Helms Department of Plant Science North Bolley Drive North Dakota State University Fargo, ND 58105-5051 Phone: 701-231-8136 Fax: 701-231-8474 E-mail: ted.helms@ndsu.nodak.edu	Larry K. Martin Department of Plant Science 166 Loftsgard Hall North Dakota State University Fargo, ND 58105 Phone: 701-231-8871 E-mail: larry.martin@ndsu.edu
Guo-Liang Jiang South Dakota State University Plant Science-Box 2140C Brookings, SD 57007 Phone: 605-688-4749 Email: Guo-Liang.Jiang@sdstate.edu	Nick Hall South Dakota State University Plant Science-Box 2207A Brookings, SD 57007 Phone: 605-688-4215 E-mail: nicholas.hall@sdstate.edu

2011 REGIONAL SCN TESTS PATICIPANTS

Cooperator:	Technical Contact:
Stella Kantartzi Plant, Soil, and Agricultural Systems SIUC Carbondale, IL 62903 Phone: 618-453-1793 E-mail: kantart@siu.edu	Jim Klein SIU Ag Research Center 3268 West Pleasant Hill Rd. Carbondale, IL 62903 Phone: 618-453-2453 Fax: 618-453-8906 E-mail: jklein@siu.edu
William J. Kenworthy Dept. of Natural Resource Sciences & L.A. University of Maryland College Park, MD 20742-5821 Phone: 301-405-1324 Fax: 301-314-9041 E-mail: wk7@umail.umd.edu	
Leah McHale Dept. of H&CS 312B Kottman Hall 2021 Coffey Rd. Columbus, OH 43210-1086 Phone: 614-292-9003 Fax: 614-292-7162 E-mail: mchale.21@osu.edu	Marcia Feller Dept. of H&CS 202 Kottman Hall 2021 Coffey Rd. Columbus, OH 43210-1086 Phone: 614-292-2124 Fax: 614-292-7162 E-mail: feller.13@osu.edu
Scott McIntyre Dept. of H&CS OARDC-OSU 1680 Madison Ave. Wooster, OH 44691 Phone: 330-263-3974 Fax: 330-263-3887 Email: mcintyre.31@osu.edu	
Rouf M. A. Mian OARDC-OSU 1680 Madison Ave. Wooster, OH 44691 Phone: 330-263-3672 Fax: 330-263-3887 E-mail: mian.3@osu.edu	Tim Mendiola OARDC-OSU 1680 Madison Ave. Wooster, OH 44691 Phone: 330-263-3974 Fax: 330-263-3887 Email: mendiola.3@osu.edu

2011 REGIONAL SCN TESTS PATICIPANTS

Cooperator:	Technical Contact:
Terry Niblack Department of Crop Sciences University of Illinois 1102 S. Goodwin Ave. Urbana, IL 61801 Phone: 217-244-5940 Fax: 217-333-9817 E-mail: tniblack@illinois.edu	Alison Colgrove Department of Crop Sciences University of Illinois 1102 S. Goodwin Ave. Urbana, IL 61801 Phone: 217-333-9057 Fax: 217-333-9817 Email: acolgrov@illinois.edu
James H. Orf Department of Agronomy & Plant Genetics University of Minnesota 1991 Buford Circle 411 Borlaug Hall St.Paul, MN 55108 Phone: 612-625-8275 Fax: 612-625-1268 E-mail: orfxx001@umn.edu	Phil Schaus Department of Agronomy & Plant Genetics University of Minnesota 105 Crops Research 1902 Dudley Ave. St. Paul, MN 55108 Phone: 612-625-9263 Fax: 612-625-1268 E-mail: schau002@umn.edu
Istvan Rajcan Dept. of Plant Agriculture, Crop Sci. Bldg University of Guelph Guelph, Ontario Canada N1G 2W1 Phone: 519-824-4120 ext. 53564 Fax: 519-763-8933 Email: irajcan@uoguelph.ca	Wade Montminy Dept. of Plant Agriculture, Crop Sci. Bldg University of Guelph Guelph, Ontario Canada N1G 2W1 Phone: 519-824-4120 ext. 54570 Email: montminy@uoguelph.ca
W. T Schapaugh, Jr. Agronomy Department 2004 Throckmorton Hall Kansas State University Manhattan, KS 66506-5501 Phone: 785-532-7242 Fax: 785-532-6094 E-mail: wts@ksu.edu	
Grover Shannon Delta Research Center 147 State Hwy T Portageville, MO 63873 Phone: 573-379-5431 Fax: 573-379-5875 E-mail: shannong@missouri.edu	Melissa Crisel Delta Research Center 147 State Hwy T Portageville, MO 63873 Phone: 573-379-5431 Fax: 573-379-5875 E-mail: woolardm@missouri.edu

2011 REGIONAL SCN TESTS PATICIPANTS

Cooperator:

David A. Sleper
Division of Plant Science
271F Life Sciences Center
University of Missouri
Columbus, MO 65211-7310
Phone: 573-882-7320 Fax: 573-882-1467
E-mail: sleperd@missouri.edu

Technical Contact:

Kerry M. Clark
Research Support Services
3600 New Haven Rd.
Columbia, MO 65201
Phone: 573-882-0198 Fax: 573-884-4562
E-mail: clarkk@missouri.edu

Claire Venard
N-122 Ag. Science Center North
Department of Plant and Soil Science
University of Kentucky
Lexington, KY 40546-0091
Phone: 859-257-2993 Fax: 859-323-1952

Dechun Wang
Department of Crop & Soil Sciences
Michigan State University
A384-E Plant & Soil Sciences Bldg.
East Lansing, MI 48824-1325
Phone: 517-355-0271 ext. 188 Fax: 515-353-3955
E-mail: wangdech@msu.edu

John Boyse
Crop and Soil Science Research Farm
Michigan State University
4450 Beaumont Rd.
East Lansing, MI 48824-1325
Phone: 517-355-2287 Fax: 515-353-3515
E-mail: boyse@msu.edu

Tom Welacky
GPCRC
2585 County Rd. 20
Harrow, Ontario NOR 1GO
Canada
Phone: 519-738-2251 Fax: 519-738-2929
E-mail: welackyt@.agr.gc.ca

George Stasko
GPCRC
2585 County Rd. 20
Harrow, Ontario NOR 1GO
Canada
Phone: 519-738-2251 Fax: 519-738-2929
E-mail: staskog@.agr.gc.ca

INTRODUCTION

The purpose of the Northern Regional Soybean Cyst Nematode (SCN) Tests is to evaluate the best experimental SCN resistant soybean lines developed by public researchers in the U. S. and Canada and to provide soybean breeders with a source of genetically diverse germplasm for continued progress in the release of well adapted, SCN resistant breeding lines and varieties. Participants are encouraged to exchange germplasm within the legal guidelines pertaining to transgenic strains.

Tests are established for each maturity group 00 to IV. Trasngenic (ie. Roundup Ready) entries are established in separate tests from conventional strains. Experimental strains are evaluated in Preliminary Tests grown at a limited number of locations for one year before they are entered in Uniform Tests. Uniform Tests are grown at more locations with more replications than Preliminary Tests.

POLICY ON EVALUATION AND RELEASE OF STRAINS

Qualifications for inclusion in the Northern Regional SCN Tests

1) Participants must be willing and able to conduct separate tests for conventional strains and strains containing proprietary and/or transgenic traits. However, all participants are not required to evaluate both; and, placement of entries in tests depends on whether the entries are transgenic or non-transgenic.
2) Participants are individually responsible to ensure than any proprietary and/or transgenic strains that they submit are approved for human consumption and are cleared for sale as commodity seed.
3) Participants must disclose pedigrees to the Uniform Test Coordinator for publication with performance data in Uniform Soybean Test Report unless contract arrangements prohibit disclosure of information.
4) It is recommended that breeders obtain written permission for the use of privately developed varieties or strains as parents in the development of lines included in the Uniform Tests.

Use of Northern Regional SCN Test Entries in Soybean Breeding and Research

1) Seed of Uniform test entries is for evaluation in the Uniform tests only and may not be distributed to non-participants of these tests without prior approval by the originator of the entry.
2) Uniform Test participants must obtain written approval before using any entry, other than their own, in any breeding or genetic studies, or for any other research.
3) Experimental strains entered in the Uniform Tests should be labeled “Experimental Strain” and should not be identified by strain designation when grown in demonstration plots or when the Uniform Tests are shown on field days or farm tours.
4) Seed of any transgenic entry must not be used for further evaluation without written permission from the originator of the entry, and must be discarded at the end of the season, except for crossing purposes, subject to the restrictions outlined in the preceding section two.

Release of Northern Regional SCN Test Entries

1) Entries in the Northern Regional SCN Tests are released according to the policies and procedures of the originating institution.
2) Restricted or contractual releases cannot impose any restriction on the prior use of an entry as a parent by SCN Test Participants.

METHODS

Regional SCN Uniform Tests and Preliminary Tests are planted in multiple-row plots with the center rows used for data collection and harvested for yield. Plots in the Uniform Tests are generally replicated three times while plots in the Preliminary Tests are generally replicated twice. The coefficient of variability (CV) is reported for replicated data at each location. Yield data with a CV value of greater than 15 is generally not included in the test means.

Descriptive Code is abbreviated as underlined below.

Flower color: Purple, White, M indicates mixed flower color
Pubescence color: Tawny, Gray, Light tawny, M indicates mixed pubescence color
Hilum color: black, imperfect black, brown, buff, gray, yellow

Previous testing is the number of previous years in the same SCN Uniform Test or a reference to the previous year's test, abbreviated to SCN PIII for SCN Preliminary Test III, for example.

Yield is measured after the seeds have been dried to a uniform moisture content and is recorded in bushels (60 pounds) per acre.

Maturity is the date when 95% of the pods have ripened. Delayed leaf drop and green stems are not considered in assigning maturity. Maturity is expressed as days earlier (-) or later (+) than the reference variety.

Height is the average length in inches from the ground to the tip of the main stem at maturity.

Lodging is rated at maturity according to the following scores:

1 = Almost all plants erect.
2 = All plants leaning slightly or a few plants down.
3 = All plants leaning moderately (45 degrees), or 25 to 0% of the plants down.
4 = All plants leaning considerably, or 50 to 80% of the plants down.
5 = Almost all plants down.

Seed quality is rated according to the following scores considering the amount and degree of wrinkling, defective seed coat (growth cracks), greenishness, and moldy or rotten seeds. Threshing or handling damage is not included, nor is mottling or other pigment.

1 = Very good 2 = Good 3 = Fair 4 = Poor 5 = Very poor

Seed size is recorded in grams per 100 seeds based on a 100 or 200 seed sample.

Seed Composition is measured on samples submitted to the USDA-ARS National Center for Agricultural Utilization Research, Peoria, Illinois. A 25-gram sample of clean seed is prepared by taking an equal volume or weight of seed from each replication. Protein and oil content is measured on these samples using infrared reflectance and is reported as dry-weight percentage values. The values listed in this report have been converted to a 13% moisture basis.

Shattering is scored at a specified time after maturity and is based on estimates of the percent of open pods as follows:

1 no shattering
2 1 to 10% shattered
3 10 to 25% shattered
4 25 to 50% shattered
5 over 50% shattered

Minnesota Iron Chlorosis scores (IDC) Scores are the mean of 2 reps and 2 observation and are based on the amount and severity of chlorosis (leaf yellowing). Scale; 1 = no chlorosis to 5 = severe chlorosis, leaf necrosis and possibly plant death. Data was collected from Lake Lillian and Wilkin Co. Minnesota.

ISU Iron Chlorosis scores (IDC) Each variety was planted in a hill plot consisting of five seeds per hill, with two replications per variety, at two high pH field locations in central Iowa. Locations were chosen by identifying IDC symptoms on soybeans growing in each field at the end of June. Prior to planting the experiments, the soybeans growing at each location were removed. Notes were taken for IDC symptoms at each location approximately four weeks after planting and again at five weeks after planting. Varieties were rated on a scale of "1" to "5" with a "1" indicating no symptoms of IDC present and a "5" indicating plant death due to IDC. Ratings from the two scores were averaged for each plot. The scores from each location then were averaged. Eight or more entries of a variety highly resistant to IDC (A11) and 8 or more entries of a variety highly susceptible to IDC (Dwight) also were included in each rep of the experiment as checks. The average score of all resistant plots and susceptible plots are listed on the tables under R= and S=, respectively.

Green Stem is a rating of delayed green stem at time of plant maturity (R8 = 95% of the pods have reached mature pod color). The condition is rated according to the following scores.

1 = almost all plant stems yellowing or have ripened, as indicated by their mature stem color.
2 = 1 - 10% plants with green stems
3 = 11 - 25% plants with green stems
4 = 26 - 50% plants with green stems
5 = > 50% plants with green stems.

ISU Emergence Scores – Emergence was assessed by counting all plants in 1 random meter of the inner two rows of each plot 35-40 days after planting. Plots were planted at a rate of 10 seeds per foot. Emergence scores are listed as percent stand.

Missouri Frogeye Leaf Spot (FELS) was rated by Dr. Allen Wrather at Portageville, MO on a 0 to 9 scale with 0=no frogeye and 9=severe.

Missouri Rootknot Nematode (RKNT) was rated on 2 reps on a 1 to 5 scale with 1=no galls and 5=severe galls at 2 locations in plantings behind potatoes near Bertrand, MO.

SCN/DISEASE SCREENING

Purdue SCN greenhouse test: Soil from each field location is brought to the laboratory and used to test each SCN soybean line for resistance to the SCN population found in that field. Seeds of each soybean line are germinated in sand. When seedlings are several inches tall, sand is washed from the roots. Each seedling is placed in a 1-inch cell of a seedling tray partially filled with a soil:sand (1:3) mixture, 1 ml of inoculum is pipetted over the roots and additional soil/sand mixture is added to the cell. Three replicates of each entry are set up in this fashion. Inoculum is prepared by extracting cysts from field soil. Eggs and juveniles are released by dissolving the cuticle with sodium hypochlorite and mechanical crushing. Inoculum is adjusted to a concentration of 2000-3000 eggs per ml. Plants are grown for a period of 8-10 weeks at a temperature of about 75^{o} F. When it is judged that development of second generation SCN females has taken place, roots are gently dipped in water to remove soil and sand. Entries are then rated as resistant (R), moderately resistant (MR), moderately susceptible (MS) or susceptible (S) based on the following scheme of a visual inspection of the roots. The entry is considered resistant if the total number of females on the root is judged to be less than 10, moderately resistant if number of females is 11-20, moderately susceptible if 21-50 and susceptible if higher than 50.

Illinois SCN greenhouse test: Seed of each entry is germinated in germination paper placed in an incubator at 27^{o} C for three days. One healthy seedling of each entry is then placed in an individual container of sterilized sandy soil and inoculated with 1,000 eggs. Each entry is replicated three times. Infected seedlings are grown in a greenhouse in a water bath system that maintains a constant 27^{o} C soil temperature. After 30 days, female cysts are washed from the roots of each seedling and counted. A female index (FI) is calculated for each entry by dividing the mean number of cysts on the entry by the mean number of cysts on the susceptible check Lee 74 and multiplying by 100. Entries are then rated as highly resistant (HR), resistant (R), moderately resistant (MR), low resistance (LR) or no effective resistance (NR) based on the FI number as follows:

HR = FI of < 10
R = FI of 10 to 24
MR = FI of 25 to 39
LR = FI of 40 to 59
NR = FI of > 60
nd = not determined FI>10, CV>35

Illinois Sudden Death Syndrome rating: Plots were scored in the field by Southern Illinois University. All disease scores were interpolated to the R 6.2 growth stage.

DX = SDS Disease Index (DI*DS/9)
DI = SDS Disease Incidence (% of plants with visible symptoms).
DS = SDS Disease Severity (1 = mild chlorosis, 5 = severe leaf scorch, 9=premature plant death).

***Heterodera glycines* (HG) Type testing:** Cooperators submit soil samples taken in the spring from SCN infested locations. Initial egg counts are made on a 250cc soil sample. Samples containing fewer than 1,000 eggs/100cc soil are planted to Essex for cyst increase. Seed of each indicator line is germinated in rag dolls and placed in an incubator at 27° C for three days. One healthy seedling of each line is then placed in an individual container of sterilized sandy soil and inoculated with 1,000 eggs. Each line is replicated six times. Infected seedlings are grown in a greenhouse under 16 hour light in a water bath system that maintains a constant 27° C soil temperature. After 30 days, female cysts are washed from the roots of each seedling and counted. A female index (FI) is calculated for each indicator line by dividing the mean number of cysts on the entry by the mean number of cysts on the susceptible check Lee 74 and multiplying by 100. A FI greater than or equal to 10 is considered a positive (+) response on each indicator line. HG Type classifications of the SCN populations are determined using the following table:

	HG Type							
Indicator line	0	1	2	3	4	5	6	7
PI 548404 (Peking)		+						
PI 88788			+					
PI 90763				+				
PI 437654					+			
PI 209332						+		
PI 89772							+	
PI 548316 (Cloud)								+

STRAIN DESIGNATIONS

Experimental (i.e. unreleased) strains are identified by a number with a state or province code letter prefix. The code letters have been agreed upon in meetings of experiment station agronomists with the U.S. Department of Agriculture. Additional code letters may be used to designate the individual within a state or province that developed the strain.

A	Iowa
C	Purdue (Indiana)
D	Mississippi
E	Michigan
HC	Ohio (Cooper)
HF	Ohio (Fioritto)
HS	Ohio (St. Martin)
K	Kansas
Ky	Kentucky
L	Illinois (Bernard)
LN	Illinois (Nickell)
LG	Illinois (Nelson)
LD	Illinois (Diers)
LS	Southern Illinois University
M	Minnesota
Md	Maryland
S	Missouri (Anand)
SS	Missouri (Sleper)
SD	South Dakota
TN	Tennessee
U	Nebraska
UD	Delaware
V	Virginia
W	Wisconsin

2011 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
A00-711003	
A00-711024	A95-485020 x IA2036
A00-711036	
A00-882130	
A01-409003	
A02-381003	
A13	Selection from AP9 Fe(S1) C7
A20	BSR101 x CN210
A29	1% linolenic plant selection developed by Iowa State University
A55-5629-4	Roanoke x Hawkeye
A72-507	Amsoy x Wayne
A76-103022	AP6
A82-161034	A76-103002 x A77-211021
A86-204022	Hack x Zane
A87-395012	Fayette x Asgrow A3659
A92-526007	A20 x Asgrow A2234
A94-773014	Pioneer P9303 x A87-395012
A95-485020	(Pioneer P7273 x A13) x Jack
A96-492041	Northrup King S24-92 x Northrup King S19-90
A97-553017	Pioneer YB280 x (Pioneer YB280 x A29)
A97-973002	
A98-781041	
A98-781041	Pioneer P9204 x Pioneer P9281
Agripro X0121B74	
AP6	
AR02-101001	Pioneer P9233 x A96-591033
AR03-161009	
AR03-161013	(Marcus x PI507354) x IA2036
AR03-163008	
AR03-261024	
AR03-261024	
AR03-263051	
AR05-150034	
AR05-150071	
AR05-150100	

2011 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
AR05-150129	
AR05-250002	
AR06-165042	
AR06-165058	
AR06-165086	
AR06-165089	
AR06-365063	
AR1	IA2039BC x IA2021
Asgrow A1564	Hark x C1453
Asgrow A2234	[(Calland X Amsoy) x (Century(3) X Williams 82)]
Asgrow A2506	
Asgrow A2943	Asgrow A1564 x Asgrow A3127
Asgrow A3127	Williams x Essex
Asgrow A3659	Williams x Essex
Asgrow A3860	Williams x Essex
Asgrow A3935	MO474C x Asgrow A3127
Asgrow A4009	Asgrow A3860 x Fayette
Asgrow A4138	Asgrow A4595 x Asgrow A4009
Asgrow A4595	Douglas x Asgrow A3127
Asgrow A5474	(Tracy x D71-6234) x J74-122
AX56P64-1	Adams x Harosoy
AxN-1-55	Northrup King S19-90 x Asgrow A2506
CR03-540	
CRS3C8	
D71-6264	
Dairyland 98822	
Dairyland 98822	
Dairyland 99433	
Dairyland 99540	Stine 2660 x DSR-275
Dairyland DSR 365	
Dairyland DSR-275	
Gardensoy 32	
GarstAgripro 97026-N99-42648	
GarstAgripro 97284-N00-47977	
GarstAgripro b99-17498	

2011 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
Golden Harvest 24040	
Golden Harvest 33802	
Golden Harvest H-2285	
Golden Harvest H-2632	
Golden Harvest X-33686	
HM8536	HW79149 x HW79022
HW79022	Woodworth x L60-347-1-60-3B
HW79149	(A72-507 x A1) x (A72-507(5) x PI82-262-2)
IVR 1120	Provar x (AX56P64-1 x PI 191.110-1)
J74-122	
K03-2399	
K03-2897	
L15	Wayne(6) x Clark 63
L46-2132	Lincoln(2) x Richland
L57-0034	L46-2132 x Adams
L60-347-1-60-3B	Harosoy x Higan
L66L-154	Wayne x L57-0034
L69-4143	[L15(5) x ((Clark(6) x T201) x (Clark(6) x T145))] x (Wayne(10) x Kanrich)
L73-4673	Corsoy x L66L-154(Williams sib)
L73-4673	Corsoy X L66L-154
L77-906	Williams X PI209.332
L85P-558	L73-4673 x Fayette
L85P-558	L73-4673 X Fayette
LD00-2817	Ina x Dwight
LD00-3296	LN95-5724 x Dwight
LD00-3309	Maverick x Dwight
LD00-4970	Maverick x Dwight
LD01-5907	Ina x IA3010
LD01-7323	LN95-5454 x Dwight
LD02-4485	M90-184111 x IA3010
LD02-5137	IA3014 x Loda
LD02-5320	IA2052 x Dwight
LD02-5868	Macon x LN93-13684
LD02-6538	A97-973002 x IA3010
LD03-10487	LN97-26569 x A98-781041

2011 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
LD03-7607	LN95-5817 x IA3010
LD03-7610	LN95-5817 x IA3010
LDX01-2-20	Dwight x soja SCN BC3F1
LN93-13684	Jack x Chapman
LN95-15740	Jack x Hartwig
LN95-5724	Jack x IA3003
LN97-24270	Jack x Macon
LN97-26569	Yale x Macon
LNX97164-35	LN95-15740 x Pana
LS00-4221	LS92-3660 x Asgrow 4138
LS00-6996	TN91-55 x Dekalb 411
LS01-0971	LS92-4173 X Dekalb 339c
LS01-1158	LS92-4173 X Dekalb 339c
LS01-1734	LS93-0375 x IA3005
LS01-1804	LS93-0375 x IA3005
LS01-1987	PI567.445 x IA3005
LS01-3450	LS93-0375 x Dekalb 420c
LS02-2213	LS93-0375 x SS94-4337
LS93-0375	Asgrow A3935 x Pioneer P9402
LS97-3617	Flyer x Asgrow 4138
LS98-0582	Northrup King S46-44 x Asgorw A4138
M00-111179	MN0902CN x MN0302
M00-114089	M90-184111 x MN0902CN
M60-406	Blackhawk X Harosoy
M68-303	M60-406 X Beeson
M69-20	Merit x Clay
M71-148	Clay x Evans
M75-89	Corsoy X M68-303
M76-55	M69-20 x McCall
M85-23	M71-148 x Simson
M85-647	Ozzie x Fayette
M86-1973	L77-906 X M75-89
M87-227	A82-161034 X Dawson
M87-346	M76-55 x Simpson
M90-1437	Dawson x HM8536

2011 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
M90-178161	M85-23 x A20
M90-184111	L85P-558 X M86-1973
M92-1525	M85-647 x Bell
M92-1645	Faribault x Bell
M92-1708	Kato x Bell
M92-270029	
M92-270029	M87-227 X M87-349
M92-674	Agassiz x Ozzie
M93-313135	
M93-313185	Agassiz X M90-1437
M95-255017	M92-1525 x A92-526007
M96-356062	M92-674 x M92-1708
M98-134022	Lambert x Hartwig
M98-238010	Lambert x MN1009
M98-239080	MN0902CN x IA1008
M98-240104	M90-178161 x M92-1645
M99-286047	IA1008 x Pioneer 9234
MD03-5453	
MD96-5722	
MPV4238N	
ND01-3533	IA1009 x ND95-952
ND88-800	Maple Amber x Evans
ND95-952	ND88-800 x Pioneer 9062
Northrup King S1346	A55-5629-4 x PI 257.435
Northrup King S19-90	Pride B152 x Pella
Northrup King S24-92	Asgrow A3127 x [(IVR1120 x Calland) x (Mitchell x Cutler 71)]
Northrup King S35-35	Northrup King S39-99 x Asgrow A3127
Northrup King S39-11	Fayette x Northrup King S42-30
Northrup King S39-99	S1492 x Mack
Northrup King S42-30	Essex x Agripro 35
Northrup King S42-32	MO2050 x Asgrow A5474
Northrup King S46-44	Asgrow A5474 x Asgrow A3127
Pioneer 9234	SCN resistant line from Peking
Pioneer P1677	Corsoy(2) x Rampage
Pioneer P2981	S20 x Hark

2011 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
Pioneer P7273	
Pioneer P9004	Maple Ridge x Lakota
Pioneer P9061	Wells x Pioneer P1677
Pioneer P9062	
Pioneer P9071	Pioneer P9061 x Pioneer P9181
Pioneer P9181	Beeson x Williams
Pioneer P9204	
Pioneer P9273	Pioneer 2981 x Asgrow A3127
Pioneer P9281	
Pioneer P9303	Asgrow A2943 x Asgrow A5474
Pioneer P9341	CM304 x Asgrow A3127
Pioneer P9362	Asgrow A2943 x Asgrow A5474
Pioneer P9381	(Essex x L69-4143) x Sprite
Pioneer P9402	(L77-994 x Asgrow A3127) x L77-994
Pioneer YB280	
Pioneer YB33A99	
Pride B152	Northrup King S1346(6) x Mack
SoyGenetics F-35170C	
SoyGenetics M30121	
SS02-11958	
SS02-12014	
SS02-7620	SS95-11009 x Manokin
SS02-8173	
SS95-11009	
SS95-15348	
SS98-7851	
SSN02-12312	
ST02-13025	
Stine 2660	
Syngenta SJ833009	
Syngenta WW115926	
U01-390489	
U03-200238	
U98-311442	A94-773014 x Bell

2011 NORTHERN REGIONAL SCN TEST LOCATIONS

				Uniform Tests					Preliminary Tests		
	Location	Cooperator	SCN*	0	I	II	III	IV	II	III	IV
IA	Mason City	S. Cianzio	I		X						
IA	Sutherland	S. Cianzio	I		X						
IA	Alburnett	S. Cianzio	I			X			X		
IA	Story City	S. Cianzio	I			X			X		
IA	Leighton	S. Cianzio	I				X			X	
IA	Muscatine	S. Cianzio	I				X			X	
IL	Arthur	B. Diers	I				X			X	
IL	Brownstown	B. Diers	I					X			X
IL	DeKalb	B. Diers	I		X						
IL	Pontiac	B. Diers	I			X			X		
IL	Urbana	B. Diers	NI		X	X	X	X	X	X	X
IL	Belleville	S. Kantartzi	I				X	X		X	X
IL	Dowell	S. Kantartzi	I				X	X		X	X
IL	Harrisburg	S. Kantartzi	I				X	X		X	X
IN	West Lafayette	W. Crochet	I			X	X				
KS	Ashland	W. Schapaugh	I								X
KS	Ottawa	W. Schapaugh	NI				X	X		X	X
KY	Lexington	C. Venard	I					X			
MI	Decatur	D. Wang	I			X			X		
MN	Danvers	J. Orf	I	X							
MN	Gaylord	J. Orf	I	X	X	X					
MN	Lamberton	J. Orf	I		X	X					
MN	Rosemount	J. Orf	I	X							
MN	Waseca	J. Orf	I		X	X					
MO	Novelty	D. Sleper	I				X	X		X	X
MO	Columbia	D. Sleper	I				X	X		X	X
MO	Clarkton	G. Shannon	I				X	X			X
MO	Portageville	G. Shannon	NI				X	X			
ND	Dwight	T. Helms	I	**							
ND	Dwight	T. Helms	I	X							

2011 NORTHERN REGIONAL SCN TEST LOCATIONS

	Location	Cooperator	SCN*	Uniform Tests					Preliminary Tests		
				0	I	II	III	IV	II	III	IV
NE	Auburn	G. Graef	I		X	X	X		X	X	
NE	Pierce	G. Graef	I		X	X	X		X	X	
NE	Seward	G. Graef	I		X	X	X		X	X	
OH	Hoytville	L. McHale	NI			X	X				
OH	Plain City	L. McHale	NI				X				
ON	Ridgetown	G. Ablett	NI		X						
ON	Ottawa	E. Cober	NI	X							
ON	St. Pauls	I. Rajcan	NI	X							
ON	Woodstock	I. Rajcan	NI	X							
ON	Harrow	T. Welacky	I		X	X					
ON	Chatham	T. Welacky	I		X	X					
SD	Beresford1	G. Jiang	I		X	X			X		
SD	Beresford2	G. Jiang	NI		X	X			X		
TN	Jackson	P. Arelli	NI					X			X
TN	Grand Junction	P. Donald	I			X	X	X			
		Total Tests		8	15	18	20	14	10	14	11

Special observation plots				U 0	U I	U II	U III	U IV	P II	P III	P IV
MN	Iron chlorosis	J. H. Orf	IDC	X	X	X					
IA	Iron chlorosis	C. Cianzio	IDC		X	X	X				
IL	SDS field screening	C. Schmidt	SDS		X	X	X	X			
IL	SCN Greenhouse	T. Niblack	SCN	X	X	X	X	X	X	X	X

* I = infested, NI = non-infested
** Data not submitted

2011 NORTHERN REGIONAL SCN TESTS LOCATIONS
Characteristics of *Heterodera glycines* populations

				Female Index (% of Lee 74)								
			Eggs/	HG 1	HG 2	HG 3	HG 4	HG 5	HG 6	HG 7		
	Location	HG Type	100cc	Peking	88788	90763	437654	209332	89772	Cloud	438489B	Pickett
IA	Alburnett	7	160	0	5	0	0	4	0	**27**	5	2
IA	Leighton	2.5.7	840	0	**19**	0	0	**19**	0	**34**	10	4
IA	Mason City	0	120	0	**9**	0	0	3	0	**7**	16	1
IA	Muscatine	2.7	1400	0	**10**	0	0	**6**	0	**20**	0	14
IA	Story City	2.5.7	80	1	**49**	0	0	**48**	0	**58**	8	12
IA	Sutherland	7	880	0	5	0	0	7	0	**37**	13	1
IL	Arthur	I	280	No HG test due to insufficient egg increase.								
IL	Belleville	1.2.5.7	160	12	**35**	1	0	**40**	2	62	1	36
IL	Brownstown	NI	80	No eggs produced from increase.								
IL	DeKalb	I	120	HG test incomplete								
IL	Dowell	2.5.7	360	0	**40**	0	0	**13**	0	**36**	0	3
IL	Harrisburg	NI	80	No eggs produced from increase.								
IL	Pontiac	I	200	No HG test due to insufficient egg increase.								
IL	Urbana	NI	0									
IN	West Lafayette	2.5.7	80	6	**25**	1	0	**25**	1	**43**	5	15
KS	Ashland	2.5.7	160	1	**19**	0	0	22	0	**42**	10	2
KS	Ottawa	NI	0									
KY	Lexington	I										
MI	Decatur	2.5.7	200	0	**20**	0	0	**34**	0	**44**	12	3
MN	Danvers	I	120	No HG test due to insufficient egg increase.								
MN	Gaylord	I	346	Data provided by cooperator.								
MN	Lamberton	2.5.7	4320	1	**10**	0	0	**10**	0	**18**	0	5
MN	Rosemount	2.5.7	240	1	**24**	0	0	**23**	0	**33**	17	9
MN	Waseca	I	80	Data provided by cooperator.								
MO	Clarkton	1.2.5.7	1600	**30**	**36**	5	0	**28**	8	**46**	21	83
MO	Columbia	1.2.5.6.7	1920	**35**	**54**	2	0	**56**	**21**	**67**	8	77
MO	Novelty	1.2.5.7	680	**10**	**17**	1	0	**19**	0	**15**	1	39
MO	Portageville	NI										
ND	Arthur	7	600	0	0	0	0	2	0	0	23	1
ND	Dwight	0	320	0	2	0	0	0	0	**3**	0	4
NE	Arburn	I	160	HG test incomplete								
NE	Pierce	I	840	HG test incomplete								
NE	Seward	I	720	HG test incomplete								
OH	Hoytville	NI	80									
OH	Plain City	NI	240									
ON	Chatham	7	3840	0	4	0	0	2	0	11	17	1
ON	Harrow	2.5.7	12480	5	**23**	0	0	**28**	5	**50**	1	18
ON	Ottawa	NI										
ON	Ridgetown	NI	0									
ON	St. Pauls	NI										
ON	Woodstock	NI										
SD	Beresford1	5.7	240	0	9	0	0	**10**	0	**13**	11	3
SD	Beresford2	NI	40	No eggs produced from increase.								
TN	Grand Junction	I	347	Data provided by cooperator.								
TN	Jackson	NI										

2011 NORTHERN REGIONAL SCN TESTS SCN SCREENING

	HG 0	Mean	FI	*Retest* Mean	FI
	Lee	230			
	Essex	202			
HG1	PI548402	0	0		
HG2	PI88788	3	1		
HG3	PI90763	0	0	*No retest done*	
HG4	PI437654	0	0		
HG5	PI209332	8	4		
HG6	PI89772	0	0		
HG7	PI548316	19	8		
	PI438489B	68	30		
	Pickett	5	2		

	HG 2.5.7	Mean	FI	*Retest* Mean	FI
	Lee	101		*289*	
	Essex	88		*269*	
HG1	PI548402	0	0	*4*	*1*
HG2	PI88788	54	53	*159*	*55*
HG3	PI90763	0	0		*0*
HG4	PI437654	0	0		*0*
HG5	PI209332	49	48	*130*	*45*
HG6	PI89772	0	0	*0*	*0*
HG7	PI548316	64	63	*181*	*62*
	PI438489B	1	0	*0*	*0*
	Pickett	1	1	*27*	*9*

			HG Type 0			**HG Type 2.5.7**		
2011 Test	Entry	Strain	Mean	FI	rating	Mean	FI	rating
SCN U 0, I	1	**Sheyenne**	163	**71**	NR	72	**72**	**NR**
SCN U 0	3	**Surge**	164	**71**	**NR**	61	**61**	**NR**
SCN U 0	4	**MN0095**	147	**64**	**NR**	71	**71**	**NR**
SCN U 0	5	**MN0606CN**	11	**5**	**HR**	62	**61**	**NR**
SCN U 0	6	**M03-149100**	20	**9**	**HR**	63	**63**	**NR**
SCN U 0	7	**M03-289072**	18	**8**	**HR**	69	**68**	**NR**
SCN U 0	8	**M04-212034**	2	**1**	**HR**	66	**66**	**NR**
SCN U 0	9	**M04-219004**	10	**4**	**HR**	59	**59**	**LR**
SCN U 0	10	**M04-273003**	49	**21**	******	69	**68**	**NR**
SCN U 0	11	**M05-353035**	4	**2**	**HR**	56	**55**	**LR**
SCN U 0	12	**M05-353148**	48	**21**	******	75	**75**	**NR**
SCN U 0	13	**M05-353163**	8	**3**	**HR**	*276*	***95***	***NR***
SCN U 0	14	**M05-357071**	164	**71**	**NR**	65	**64**	**NR**
SCN U 0	15	**M05-357088**	51	**22**	**R**	65	**65**	**NR**
SCN U 0	16	**M05-357119**	96	**42**	******	66	**66**	**NR**
SCN U 0	17	**M05-363022**	15	**7**	**HR**	61	**61**	**NR**
SCN U 0	18	**M05-363031**	12	**5**	**HR**	62	**62**	**NR**
SCN U 0	19	**M05-363074**	52	**23**	******	59	**58**	**LR**
SCN U 0	20	**ND07-3987**	33	**15**	**R**	53	**52**	**LR**
SCN U 0	21	**ND07-3994**	28	**12**	**R**	61	**61**	**NR**

2011 NORTHERN REGIONAL SCN TESTS SCN SCREENING

			HG Type 0			HG Type 2.5.7		
2011 Test	Entry	Strain	Mean	FI	rating	Mean	FI	rating
SCN U I	1	**MN1410**	156	**68**	**NR**	60	**60**	**NR**
SCN U I, II	2	**IA1022 (SCN)**	14	**6**	**HR**	61	**61**	**NR**
SCN U I	4	**AR09-191003**	1	**1**	**HR**	2	**2**	**HR**
SCN U I	5	**AR09-191018**	2	**1**	**HR**	0	**0**	**HR**
SCN U I	6	**AR10-105002**	8	**3**	**HR**	54	**54**	**LR**
SCN U I	7	**AR10-105009**	12	**5**	**HR**	65	**65**	**NR**
SCN U I	8	**AR10-205011**	12	**5**	**HR**	65	**65**	**NR**
SCN U I	9	**M04-212108**	4	**2**	**HR**	*206*	***71***	***NR***
SCN U I	10	**M04-217116**	11	**5**	**HR**	67	**67**	**NR**
SCN U I	11	**M04-220008**	9	**4**	**HR**	63	**63**	**NR**
SCN U I	12	**M05-353086**	6	**2**	**HR**	60	**60**	**NR**
SCN U I	13	**M05-353131**	12	**5**	**HR**	68	**68**	**NR**
SCN U I	14	**M05-353151**	10	**4**	**HR**	66	**66**	**NR**
SCN U I	15	**U09-130013**	24	**10**	**R**	70	**69**	**NR**
SCN U I	16	**U10-810004**	46	**20**	**R**	70	**70**	**NR**
SCN U,P II	1	**IA2094**	147	**64**	**NR**	68	**68**	**NR**
SCN U,P II	4	**LD02- 4485**	8	**4**	**HR**	69	**69**	**NR**
SCN U II	5	**AR06-165086**	46	**20**	******	65	**65**	**NR**
SCN U II	6	**AR09-291011**	1	**0**	**HR**	2	**2**	**HR**
SCN U II	7	**E07051**	14	**6**	**HR**	61	**60**	**NR**
SCN U II	8	**LD07-2177**	131	**57**	**LR**	85	**85**	**NR**
SCN U II	9	**U07-200211**	21	**9**	**HR**	65	**65**	**NR**
SCN P IIA	5	**AR10-105006**	51	**22**	**R**	58	**58**	**LR**
SCN P IIA	6	**AR10-105007**	35	**15**	**R**	72	**72**	**NR**
SCN P IIA	7	**AR10-105008**	18	**8**	**HR**	59	**59**	**LR**
SCN P IIA	8	**AR10-205001**	41	**18**	**R**	60	**60**	**NR**
SCN P IIA	9	**AR10-205002**	28	**12**	**R**	58	**58**	**LR**
SCN P IIA	10	**AR10-205010**	31	**14**	**R**	78	**77**	**NR**
SCN P IIA	11	**AR10-205014**	9	**4**	**HR**	61	**60**	**NR**
SCN P IIA	12	**AR10-205042**	22	**10**	**R**	*282*	***97***	***NR***
SCN P IIA	13	**AR10-205047**	32	**14**	**R**	62	**61**	**NR**
SCN P IIA	14	**AR10-205059**	42	**18**	**R**	67	**66**	**NR**
SCN P IIA	15	**AR10-205065**	2	**1**	**HR**	44	**44**	**LR**
SCN P IIA	16	**AR10-305067**	16	**7**	**HR**	55	**54**	**LR**
SCN P IIA	17	**AR10-305142**	19	**8**	**HR**	67	**66**	**NR**

2011 NORTHERN REGIONAL SCN TESTS SCN SCREENING

			HG Type 0			HG Type 2.5.7		
2011 Test	Entry	Strain	Mean	FI	rating	Mean	FI	rating
SCN P IIA	18	**E09014**	17	**7**	**HR**	72	**71**	**NR**
SCN P IIA	19	**E09089**	52	**23**	**R**	66	**66**	**NR**
SCN P IIA	20	**E09090**	63	**27**	**MR**	74	**74**	**NR**
SCN P IIA	21	**E09107**	113	**49**	**LR**	66	**66**	**NR**
SCN P IIA	22	**E09109**	110	**48**	**LR**	52	**51**	**LR**
SCN P IIA	23	**E09110**	105	**46**	**LR**	49	**49**	**LR**
SCN P IIA	24	**M05-345024**	47	**20**	**R**	67	**67**	**NR**
SCN P IIA	25	**M05-350013**	140	**61**	**NR**	75	**75**	**NR**
SCN P IIA	26	**M05-357149**	17	**7**	**HR**	79	**78**	**NR**
SCN P IIA	27	**M05-363126**	16	**7**	**HR**	60	**59**	**LR**
SCN P IIB	5	**LD08-12419a**	17	**7**	**HR**	46	**46**	**LR**
SCN P IIB	6	**LD08-12428a**	16	**7**	**HR**	61	**60**	**NR**
SCN P IIB	7	**LD08-12430a**	20	**9**	**HR**	49	**49**	**LR**
SCN P IIB	8	**LD08-12435a**	14	**6**	**HR**	64	**64**	**NR**
SCN P IIB	9	**LD08-12438a**	15	**7**	**HR**	51	**51**	**LR**
SCN P IIB	10	**LD08-12441a**	10	**4**	**HR**	54	**54**	**LR**
SCN P IIB	11	**LD08-12442a**	91	**40**	**LR**	42	**42**	**LR**
SCN P IIB	12	**LD08-12445a**	97	**42**	**LR**	62	**62**	**NR**
SCN P IIB	13	**LD08-12446a**	74	**32**	******	49	**49**	**LR**
SCN P IIB	14	**LD08-3994**	7	**3**	**HR**	70	**70**	**NR**
SCN P IIB	15	**LD08-4888**	6	**3**	**HR**	69	**69**	**NR**
SCN P IIB	16	**LD08-5554**	129	**56**	**LR**	54	**53**	**LR**
SCN P IIB	17	**LD08-6982**	31	**14**	**R**	65	**65**	**NR**
SCN P IIB	18	**U09-130017**	104	**45**	******	72	**71**	**NR**
SCN P IIB	19	**U09-216046**	20	**9**	**HR**	82	**81**	**NR**
SCN P IIB	20	**U09-232082**	139	**61**	**NR**	65	**65**	**NR**
SCN P IIB	21	**U09-310141**	26	**11**	**R**	62	**61**	**NR**
SCN P IIB	22	**U09-318102**	8	**3**	**HR**	54	**53**	**LR**
SCN P IIB	23	**U09-318110**	2	**1**	**HR**	23	**23**	**R**
SCN P IIB	24	**U09-319099**	1	**1**	**HR**	55	**55**	**LR**
SCN P IIB	25	**U09-319130**	34	**15**	**R**	*222*	***77***	***NR***
SCN P IIB	26	**U09-319139**	13	**6**	**HR**	69	**68**	**NR**
SCN P IIB	27	**U10-413040**	3	**1**	**HR**	52	**51**	**LR**
SCN P IIB	28	**U10-419036**	17	**7**	**HR**	70	**70**	**NR**

2011 NORTHERN REGIONAL SCN TESTS SCN SCREENING

			HG Type 0			HG Type 2.5.7		
2011 Test	Entry	Strain	Mean	FI	rating	Mean	FI	rating
SCN U,P III	1	**IA3023**	99	**43**	**LR**	*216*	***75***	***NR***
SCN U,P III	2	**IA3024**	165	**72**	**NR**	77	**77**	**NR**
SCN U,P III	3	**IA3048**	8	**3**	**HR**	*223*	***77***	***NR***
SCN U III	5	**AR09-391017**	14	**6**	**HR**	*204*	***70***	**
SCN U III	6	**LD07-3419**	1	**1**	**HR**	*13*	***4***	***HR***
SCN U III	7	**LD07-4477**	32	**14**	**R**	63	**63**	**NR**
SCN U III	8	**LD07-4530**	30	**13**	**R**	68	**67**	**NR**
SCN U III	9	**LS07-2014**	18	**8**	**HR**	*278*	***96***	***NR***
SCN U III	10	**SS05-5096**	24	**10**	**R**	60	**60**	**NR**
SCN U III	11	**SS06-5510**	22	**9**	**HR**	65	**65**	**NR**
SCN P IIIA	5	**AR10-305003**	62	**27**	**	62	**62**	**NR**
SCN P IIIA	6	**AR10-305052**	29	**12**	**R**	46	**46**	**LR**
SCN P IIIA	7	**AR10-305055**	19	**8**	**HR**	56	**56**	**LR**
SCN P IIIA	8	**AR10-305092**	19	**8**	**HR**	65	**65**	**NR**
SCN P IIIA	9	**AR10-305093**	12	**5**	**HR**	51	**51**	**LR**
SCN P IIIA	10	**AR10-305104**	44	**19**	**R**	44	**44**	**LR**
SCN P IIIA	11	**AR10-305107**	7	**3**	**HR**	58	**58**	**LR**
SCN P IIIA	12	**AR10-305114**	7	**3**	**HR**	55	**55**	**LR**
SCN P IIIA	13	**AR10-305127**	15	**7**	**HR**	*234*	***81***	***NR***
SCN P IIIA	14	**AR10-305177**	10	**4**	**HR**	67	**66**	**LR**
SCN P IIIA	15	**AR10-305188**	10	**4**	**HR**	46	**45**	**LR**
SCN P IIIA	16	**AR10-305190**	44	**19**	**R**	79	**78**	**NR**
SCN P IIIA	17	**AR10-305198**	4	**2**	**HR**	*155*	***53***	***LR***
SCN P IIIA	18	**AR10-305205**	37	**16**	**R**	*189*	***65***	***NR***
SCN P IIIA	19	**LS08-3430**	25	**11**	**R**	79	**78**	**NR**
SCN P IIIA	20	**LS08-3817**	3	**1**	**HR**	52	**51**	**LR**
SCN P IIIA	21	**LS08-3849**	7	**3**	**HR**	45	**44**	**LR**
SCN P IIIA	22	**LS08-5828**	127	**55**	**LR**	60	**60**	**NR**
SCN P IIIA	23	**U09-228060**	6	**2**	**HR**	62	**62**	**NR**
SCN P IIIA	24	**U09-231035**	9	**4**	**HR**	60	**59**	**LR**
SCN P IIIA	25	**U09-231043**	4	**2**	**HR**	*126*	***44***	***LR***
SCN P IIIA	26	**U09-318122**	7	**3**	**HR**	54	**53**	**LR**
SCN P IIIB	5	**LD08- 756**	1	**0**	**HR**	57	**57**	**LR**
SCN P IIIB	6	**LD08- 871**	27	**12**	**R**	71	**71**	**NR**
SCN P IIIB	7	**LD08-12425a**	10	**4**	**HR**	53	**53**	**LR**

2011 NORTHERN REGIONAL SCN TESTS SCN SCREENING

			HG Type 0			HG Type 2.5.7		
2011 Test	Entry	Strain	Mean	FI	rating	Mean	FI	rating
SCN P IIIB	8	**LD08-12426a**	14	**6**	**HR**	54	**53**	**LR**
SCN P IIIB	9	**LD08-1566**	24	**11**	**R**	63	**63**	**NR**
SCN P IIIB	10	**LD08-1592**	13	**6**	**HR**	61	**61**	**NR**
SCN P IIIB	11	**LD08-1646**	19	**8**	**HR**	*280*	***97***	***NR***
SCN P IIIB	12	**LD08-1673**	15	**7**	**HR**	71	**70**	**NR**
SCN P IIIB	13	**LD08-3611**	7	**3**	**HR**	50	**50**	**NR**
SCN P IIIB	14	**LD08-3936**	22	**10**	**R**	*220*	***76***	***NR***
SCN P IIIB	15	**LD08-4767a**	27	**12**	**R**	70	**70**	**NR**
SCN P IIIB	16	**LD08-6972**	31	**13**	**R**	54	**53**	**LR**
SCN P IIIB	17	**SS05-5228**	28	**12**	**R**	60	**60**	**NR**
SCN P IIIB	18	**SS08-1430**	0	**0**	**HR**	1	**1**	**HR**
SCN P IIIB	19	**SS08-1697**	0	**0**	**HR**	8	**8**	**HR**
SCN P IIIB	20	**SS08-1740**	1	**0**	**HR**	2	**2**	**HR**
SCN P IIIB	21	**SS08-1960**	30	**13**	**R**	68	**68**	**NR**
SCN P IIIB	22	**SS08-1974**	4	**2**	**HR**	51	**51**	**LR**
SCN P IIIB	23	**SS08-2028**	8	**3**	**HR**	4	**4**	**HR**
SCN P IIIB	24	**SS08-2930**	7	**3**	**HR**	52	**52**	**LR**
SCN U,P IV	1	**LD00- 3309**	33	**14**	**R**	59	**59**	**LR**
SCN U,P III,IV	2	**IA4005**	131	**57**	**LR**	71	**71**	**NR**
SCN U,P IV	3	**LD00- 2817P**	0	**0**	**HR**	3	**3**	**HR**
SCN U,P IV	4	**LD02- 9050**	40	**17**	**R**	*284*	***98***	***NR***
SCN U IV	5	**K07-1633**	21	**9**	**HR**	60	**59**	**LR**
SCN U IV	6	**K08-5026**	56	**24**	**R**	66	**66**	**NR**
SCN U IV	7	**LD06-7609**	13	**6**	**HR**	*227*	***78***	***NR***
SCN U IV	8	**LD06-7620**	35	**15**	**R**	66	**65**	**NR**
SCN U IV	9	**LD06-8970**	2	**1**	**HR**	41	**41**	**LR**
SCN U IV	10	**LD07-3823**	12	**5**	**HR**	*225*	***78***	***NR***
SCN U IV	11	**LS07-1934**	2	**1**	**HR**	10	**10**	**R**
SCN U IV	12	**LS07-1942**	15	**7**	**HR**	*101*	***35***	***MR***
SCN U IV	13	**LS07-2935**	11	**5**	**HR**	*254*	***88***	***NR***
SCN U IV	14	**LS07-3125**	16	**7**	**HR**	63	**63**	**NR**
SCN U IV	15	**LS07-3131**	17	**7**	**HR**	45	**44**	**LR**
SCN P IV	5	**K09-1195**	117	**51**	**LR**	63	**63**	**NR**
SCN P IV	6	**K09-1196**	133	**58**	**LR**	73	**72**	**NR**
SCN P IV	7	**K09-1290**	60	**26**	**MR**	*148*	***51***	****

2011 NORTHERN REGIONAL SCN TESTS SCN SCREENING

			HG Type 0			HG Type 2.5.7		
2011 Test	Entry	Strain	Mean	FI	rating	Mean	FI	rating
SCN P IV	8	**K09-1319**	72	**31**	**	80	**80**	**NR**
SCN P IV	9	**K09-1523**	21	**9**	**HR**	62	**62**	**NR**
SCN P IV	10	**K09-1543**	42	**18**	**R**	81	**80**	**NR**
SCN P IV	11	**K09-1599**	43	**19**	**R**	56	**56**	**LR**
SCN P IV	12	**LD08-1719**	16	**7**	**HR**	52	**52**	**LR**
SCN P IV	13	**LD08-1935**	6	**2**	**HR**	24	**24**	**R**
SCN P IV	14	**LD08-7227**	13	**6**	**HR**	53	**52**	**LR**
SCN P IV	15	**LD08-7916a**	14	**6**	**HR**	53	**53**	**LR**
SCN P IV	16	**LS08-3120**	24	**11**	**R**	56	**56**	**LR**
SCN P IV	17	**LS08-4141**	6	**3**	**HR**	60	**60**	**NR**
SCN P IV	18	**LS08-4348**	4	**2**	**HR**	61	**61**	**NR**
SCN P IV	19	**LS08-4418**	9	**4**	**HR**	64	**63**	**NR**
SCN P IV	20	**LS08-4542**	11	**5**	**HR**	41	**41**	**LR**
SCN P IV	21	**LS08-4637**	19	**8**	**HR**	*131*	***45***	**
SCN P IV	22	**LS08-4934**	4	**2**	**HR**	64	**63**	**NR**
SCN P IV	23	**LS08-4941**	20	**9**	**HR**	58	**58**	**LR**
SCN P IV	24	**LS08-5515**	16	**7**	**HR**	60	**60**	**NR**
SCN P IV	25	**LS08-5552**	21	**9**	**HR**	59	**59**	**LR**
SCN P IV	26	**LS08-5837**	9	**4**	**HR**	62	**61**	**NR**
SCN P IV	27	**LS08-5852**	37	**16**	**R**	64	**63**	**NR**
SCN P IV	28	**LS08-6003**	109	**47**	**LR**	52	**51**	**LR**
SCN P IV	29	**LS08-6034**	169	**74**	**NR**	65	**65**	**NR**
SCN P IV	30	**SS08-1657**	2	**1**	**HR**	*128*	***44***	**
SCN P IV	31	**SS08-1765**	29	**13**	**	71	**71**	**NR**
SCN P IV	32	**SS08-18103**	55	**24**	**R**	66	**66**	**NR**
SCN P IV	33	**SS08-1813**	1	**0**	**HR**	1	**1**	**HR**
SCN P IV	34	**SS08-2867**	23	**10**	**R**	59	**59**	**LR**
SCN P IV	35	**SS08-2883**	8	**3**	**HR**	85	**84**	**NR**
SCN P IV	36	**SS08-2927**	13	**6**	**HR**	60	**60**	**NR**

2011 SCN UNIFORM TEST 0

	Strain	Descriptive code	Parentage	Previous testing	Gen comp	Traits
1	Sheyenne	PGy	Pioneer 9071 x A96-492041	3	F4	Rsp1-c
2	MN1410	WGbf	Unknown	6	F5	
3	Surge	PGibl	A86-204022 x Kato	7	F5	
4	MN0095	PGibl	M92-270029 x M93-313135	1	F5	Rps1
5	MN0606CN	WTy	MN0901 x MN0902CN	6	F4	
6	M03-149100	PTbl	MN0902CN x MN0304	2	F5	Rps1k
7	M03-289072	WTbl/br	MN0902CN x A02-381003	1	F-5	Lin2%
8	M04-212034	WGy	M98-240104 x MN0902CN	1	F5	
9	M04-219004	WTy	MN0902CN x ND01-3533	1	F5	Rps1k
10	M04-273003	WTy	MN0082SP x MN0902CN	1	F5	
11	M05-353035	PLty	MN0902CN X M99-286047	NEW	F5	
12	M05-353148	PGbf	MN0902CN X M99-286047	NEW	F5	
13	M05-353163	PTbr	MN0902CN X M99-286047	NEW	F5	
14	M05-357071	WTy	MN1009 X M00-114089	NEW	F5	Rps1k
15	M05-357088	WGy	MN1009 X M00-114089	NEW	F5	Rps1k
16	M05-357119	WGy	MN1009 X M00-114089	NEW	F5	Rps1a
17	M05-363022	P+WGy	IA1008 X MN1011CN	NEW	F5	
18	M05-363031	WLTy	IA1008 X MN1011CN	NEW	F5	
19	M05-363074	PT+Gy	IA1008 X MN1011CN	NEW	F5	
20	ND07-3987	PLtibl	M96-356062 x Ashtabula	1		Rps1c
21	ND07-3994	PLtibl	M96-356062 x Ashtabula	1		Rps1c
22	ND07-4635	P+WTbl	MN1006CN x Walsh	1		Rps6

2011 SCN UNIFORM TEST 0

	IL SCN screen				MN IDC
	HG Type 0		HG Type 2.5.7		Danvers
Strain	FI	rating	FI	rating	score
1 Sheyenne	71	NR	72	NR	2.3
2 MN1410	68	NR	60	NR	2.3
3 Surge	71	NR	61	NR	2.0
4 MN0095	64	NR	71	NR	2.0
5 MN0606CN	5	HR	61	NR	2.3
6 M03-149100	9	HR	63	NR	2.0
7 M03-289072	8	HR	68	NR	2.3
8 M04-212034	1	HR	66	NR	2.3
9 M04-219004	4	HR	59	LR	2.3
10 M04-273003	21	**	68	NR	2.5
11 M05-353035	2	HR	55	LR	2.5
12 M05-353148	21	**	75	NR	2.5
13 M05-353163	3	HR	*96*	*NR*	2.5
14 M05-357071	71	NR	64	NR	2.8
15 M05-357088	22	R	65	NR	2.5
16 M05-357119	42	**	66	NR	3.0
17 M05-363022	7	HR	61	NR	2.5
18 M05-363031	5	HR	62	NR	1.8
19 M05-363074	23	**	58	LR	2.5
20 ND07-3987	15	R	52	LR	2.5
21 ND07-3994	12	R	61	NR	2.8
22 ND07-4635	10	R	*77*	*NR*	2.3

** rep data too variable to rate

2011 SCN UNIFORM TEST 0

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	4		3		7	6	4	6	6	6	6
1	Sheyenne	46.1	3	57.5	2	9/19	1.5	32	1.6	15.7	34.2	18.3
2	MN1410	44.4	6	61.2	1	5	1.5	35	1.2	17.0	35.2	18.2
3	Surge	42.7	14	51.6	7	2	1.3	28	1.3	19.6	35.9	18.1
4	MN0095	42.0	17	42.3	20	-6	1.1	26	1.5	13.4	34.7	18.6
5	MN0606CN	41.1	20	50.1	8	1	1.4	29	1.7	15.4	34.8	18.2
6	M03-149100	42.9	13	44.7	18	-4	1.9	30	1.4	14.3	33.8	18.8
7	M03-289072	44.0	9	47.6	12	-1	1.3	32	1.5	14.6	35.1	18.3
8	M04-212034	44.2	7	47.1	14	1	1.4	30	1.2	14.2	34.1	18.3
9	M04-219004	42.7	14	49.3	10	0	1.5	32	1.4	13.8	36.1	17.5
10	M04-273003	33.7	22	35.1	22	-4	2.4	30	1.3	8.7	35.4	17.5
11	M05-353035	41.4	18	51.9	6	2	1.3	35	1.4	15.4	35.2	17.5
12	M05-353148	43.6	10	53.0	4	2	1.1	31	1.2	15.2	35.2	18.2
13	M05-353163	43.5	11	49.0	11	-1	1.7	36	1.3	14.2	36.5	17.1
14	M05-357071	39.5	21	47.4	13	-1	1.0	24	1.6	15.7	34.8	18.5
15	M05-357088	47.0	2	45.0	17	-2	1.4	27	1.5	17.2	34.1	18.9
16	M05-357119	42.7	14	42.8	19	-1	1.4	27	1.3	16.9	34.4	19.0
17	M05-363022	48.4	1	56.7	3	1	1.2	30	1.3	17.0	35.0	18.0
18	M05-363031	44.1	8	39.8	21	0	1.5	28	1.6	15.6	34.6	17.7
19	M05-363074	41.4	19	45.3	16	-3	1.1	28	1.9	17.5	35.0	18.1
20	ND07-3987	43.0	12	45.6	15	-2	1.4	31	1.4	15.8	35.7	18.4
21	ND07-3994	44.7	5	49.6	9	-1	1.3	32	1.3	16.3	35.5	18.6
22	ND07-4635	45.7	4	52.6	5	0	1.4	26	1.8	17.4	33.5	18.7

2011 SCN UNIFORM TEST 0

2 Year Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	8		6		14	13	9	13	13	13	13
1	Sheyenne	40.8	5	58.4	2	9/18	1.5	32	1.5	15.6	34.4	18.2
2	MN1410	41.3	2	62.6	1	7	1.6	36	1.2	16.8	35.9	17.9
3	Surge	39.7	9	52.8	4	1	1.3	31	1.3	19.4	36.5	17.9
4	MN0095	37.7	12	46.4	12	-6	1.4	28	1.3	13.8	35.2	18.4
5	MN0606CN	38.5	11	50.0	8	2	1.6	31	1.5	15.2	35.2	18.0
6	M03-149100	39.1	10	49.3	10	-5	1.9	32	1.3	14.5	34.6	18.4
7	M03-289072	40.3	7	52.5	5	0	1.4	34	1.4	14.9	35.6	18.1
8	M04-212034	41.3	2	49.6	9	2	1.6	32	1.2	14.3	34.4	18.3
9	M04-219004	41.1	4	52.0	6	1	1.5	34	1.3	14.3	36.4	17.4
10	M04-273003	31.7	13	36.8	13	-4	2.4	32	1.3	8.6	35.8	17.0
20	ND07-3987	40.3	8	48.8	11	-1	1.4	33	1.2	15.9	35.8	18.3
21	ND07-3994	40.4	6	52.0	6	-1	1.5	35	1.2	16.0	35.8	18.4
22	ND07-4635	43.3	1	52.9	3	0	1.3	27	1.7	17.3	34.2	18.3

2011 SCN UNIFORM TEST 0

Yield (bu/a)

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne	62.3	49.3	27.5	45.3	58.1	63.9	50.6
2	MN1410	53.3	49.3	30.1	44.8	60.3	67.6	55.7
3	Surge	54.9	43.8	25.8	46.2	49.2	60.5	45.1
4	MN0095	58.9	41.0	25.5	42.5	48.0	42.8	36.1
5	MN0606CN	51.3	44.1	26.6	42.5	52.5	53.3	44.5
6	M03-149100	51.5	48.2	32.1	39.7	50.4	43.4	40.2
7	M03-289072	49.0	51.1	36.2	39.8	47.6	48.1	47.1
8	M04-212034	48.5	57.5	28.1	42.6	57.8	43.0	40.4
9	M04-219004	52.4	48.9	29.0	40.5	54.6	49.4	43.8
10	M04-273003	42.4	39.3	19.9	33.2	44.2	32.1	29.1
11	M05-353035	45.0	47.3	32.6	40.6	48.3	59.6	47.7
12	M05-353148	48.6	52.8	30.0	42.8	56.5	56.2	46.4
13	M05-353163	52.3	51.5	29.9	40.1	46.5	52.6	47.9
14	M05-357071	46.2	45.7	19.7	46.5	55.3	46.8	40.2
15	M05-357088	58.4	54.5	30.2	45.0	44.5	52.7	37.8
16	M05-357119	56.4	47.1	22.7	44.7	45.8	43.9	38.8
17	M05-363022	46.2	64.1	36.7	46.6	56.3	60.1	53.7
18	M05-363031	45.9	49.6	33.6	47.1	45.7	35.5	38.1
19	M05-363074	46.4	48.9	30.1	40.1	46.9	45.2	43.9
20	ND07-3987	50.0	53.0	30.5	38.5	45.3	52.6	38.8
21	ND07-3994	49.6	56.1	31.7	41.3	48.3	61.6	38.8
22	ND07-4635	51.1	51.4	31.2	48.9	54.8	55.1	47.8
	Average	51.0	49.8	29.1	42.7	50.8	51.2	43.3
	LSD(.05)	9.2	8.4	7.1	4.2	5.4	10.0	5.2
	C.V. %	10.9	10.4	14.9	6.2	5.4	10.9	6.5
	Replications	3	3	3	3	3	3	3
	Row width (in.)	30	30	30	30	16	14	14

2011 SCN UNIFORM TEST 0

Yield (rank)

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne	1	11	16	6	2	2	3
2	MN1410	6	11	10	8	1	1	1
3	Surge	5	20	18	5	11	4	9
4	MN0095	2	21	19	12	14	20	21
5	MN0606CN	10	19	17	12	9	9	10
6	M03-149100	9	15	5	20	10	18	14
7	M03-289072	14	9	2	19	15	14	7
8	M04-212034	16	2	15	11	3	19	13
9	M04-219004	7	13	14	16	8	13	12
10	M04-273003	22	22	21	22	22	22	22
11	M05-353035	21	16	4	15	12	6	6
12	M05-353148	15	6	12	10	4	7	8
13	M05-353163	8	7	13	17	17	11	4
14	M05-357071	18	18	22	4	6	15	14
15	M05-357088	3	4	9	7	21	10	20
16	M05-357119	4	17	20	9	18	17	16
17	M05-363022	18	1	1	3	5	5	2
18	M05-363031	20	10	3	2	19	21	19
19	M05-363074	17	13	10	17	16	16	11
20	ND07-3987	12	5	8	21	20	11	16
21	ND07-3994	13	3	6	14	12	3	18
22	ND07-4635	11	8	7	1	7	8	5

2011 SCN UNIFORM TEST 0

Maturity

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne	9/11	9/10	9/22	9/20	9/23	9/22	9/25
2	MN1410	3	1	6	5	7	7	6
3	Surge	1	-1	0	3	3	3	2
4	MN0095	1	0	-10	-9	-12	-5	-6
5	MN0606CN	3	-1	4	0	1	-2	2
6	M03-149100	5	1	-7	-8	-8	-5	-4
7	M03-289072	1	0	-2	-3	1	-1	0
8	M04-212034	3	0	2	-1	3	0	-1
9	M04-219004	3	0	1	0	1	-2	0
10	M04-273003	2	1	-10	-8	-6	-4	-5
11	M05-353035	3	1	1	3	3	2	1
12	M05-353148	3	2	1	-2	2	3	2
13	M05-353163	2	-1	-2	-1	-2	-2	-1
14	M05-357071	2	-2	-3	-1	0	-3	0
15	M05-357088	4	-1	-4	-5	-5	-2	-1
16	M05-357119	5	0	-3	-3	-5	-2	0
17	M05-363022	0	1	3	2	1	1	1
18	M05-363031	4	0	0	1	-2	-3	-1
19	M05-363074	1	1	-5	-7	-2	-5	-3
20	ND07-3987	2	1	-4	1	-3	-5	-4
21	ND07-3994	1	0	-4	-3	-3	3	-3
22	ND07-4635	3	0	-1	0	-1	1	0
	Planted	6/2	5/10	6/7	6/5	6/1	6/3	6/17

2011 SCN UNIFORM TEST 0

Lodging (score)

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne	2.0		2.0	1.0	1.4	1.5	1.0
2	MN1410	2.0		2.0	1.0	1.3	1.4	1.0
3	Surge	1.7		1.7	1.0	1.2	1.1	1.0
4	MN0095	1.3		1.3	1.0	0.9	1.0	1.0
5	MN0606CN	2.0		2.0	1.0	1.3	1.3	1.0
6	M03-149100	2.7		2.7	1.0	1.5	2.4	1.3
7	M03-289072	1.7		1.7	1.0	1.0	1.1	1.0
8	M04-212034	2.0		2.0	1.0	1.2	1.2	1.0
9	M04-219004	2.0		2.0	1.0	1.3	1.4	1.0
10	M04-273003	2.0		2.0	1.0	2.7	4.9	1.5
11	M05-353035	1.7		1.7	1.0	1.3	1.3	1.0
12	M05-353148	1.0		1.0	1.0	1.2	1.3	1.0
13	M05-353163	2.3		2.3	1.0	1.7	1.8	1.0
14	M05-357071	1.0		1.0	1.0	0.7	1.0	1.0
15	M05-357088	2.0		2.0	1.0	1.1	1.0	1.0
16	M05-357119	2.0		2.0	1.0	1.1	1.1	1.0
17	M05-363022	1.3		1.3	1.0	1.3	1.0	1.0
18	M05-363031	2.0		2.0	1.0	1.2	1.5	1.0
19	M05-363074	1.3		1.3	1.0	1.1	1.0	1.0
20	ND07-3987	2.0		2.0	1.0	1.2	1.1	1.0
21	ND07-3994	2.0		2.0	1.0	0.7	1.2	1.0
22	ND07-4635	2.0		2.0	1.0	1.1	1.0	1.0

2011 SCN UNIFORM TEST 0

Height (inches)

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne			32		29	32	33
2	MN1410			36		32	35	37
3	Surge			30		26	28	30
4	MN0095			25		26	26	29
5	MN0606CN			27		28	30	31
6	M03-149100			30		32	28	30
7	M03-289072			34		30	32	31
8	M04-212034			30		30	33	29
9	M04-219004			33		30	35	31
10	M04-273003			25		31	32	32
11	M05-353035			35		35	37	33
12	M05-353148			31		30	32	31
13	M05-353163			36		34	40	34
14	M05-357071			25		23	26	24
15	M05-357088			29		24	29	28
16	M05-357119			27		25	27	29
17	M05-363022			32		28	28	31
18	M05-363031			30		25	30	26
19	M05-363074			28		27	28	28
20	ND07-3987			31		30	32	32
21	ND07-3994			35		30	33	32
22	ND07-4635			27		23	26	27

2011 SCN UNIFORM TEST 0

Seed Quality (score)

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne	2.0	1.0	2.0		1.0	1.5	2.0
2	MN1410	1.0	1.0	1.0		1.0	1.5	1.5
3	Surge	2.0	1.0	1.0		1.0	1.5	1.5
4	MN0095	2.0	2.0	1.0		1.0	1.5	1.5
5	MN0606CN	2.0	2.0	2.0		1.0	1.5	1.5
6	M03-149100	2.0	1.0	1.0		1.0	2.0	1.5
7	M03-289072	1.0	1.0	2.0		1.0	2.0	2.0
8	M04-212034	2.0	1.0	1.0		1.0	1.0	1.0
9	M04-219004	1.0	2.0	2.0		1.0	1.0	1.5
10	M04-273003	2.0	1.0	1.0		1.0	1.5	1.5
11	M05-353035	2.0	2.0	1.0		1.0	1.5	1.0
12	M05-353148	1.0	1.0	1.0		1.0	1.5	1.5
13	M05-353163	1.0	1.0	2.0		1.0	1.5	1.5
14	M05-357071	2.0	1.0	2.0		1.0	1.5	2.0
15	M05-357088	1.0	2.0	2.0		1.0	2.0	1.0
16	M05-357119	1.0	1.0	2.0		1.0	1.0	2.0
17	M05-363022	1.0	1.0	2.0		1.0	1.5	1.0
18	M05-363031	1.0	2.0	2.0		1.0	2.0	1.5
19	M05-363074	2.0	2.0	2.0		2.0	2.0	1.5
20	ND07-3987	1.0	2.0	1.0		1.0	1.5	2.0
21	ND07-3994	1.0	1.0	1.0		1.0	1.5	2.0
22	ND07-4635	1.0	2.0	2.0		2.0	2.0	2.0

2011 SCN UNIFORM TEST 0

Seed Weight (g/100)

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne	14.7	13.8	12.7		18.2	20.1	14.6
2	MN1410	14.9	14.3	13.4		21.1	22.2	16.2
3	Surge	17.9	17.1	16.6		23.3	23.6	19.2
4	MN0095	13.0	10.7	12.6		15.3	16.4	12.5
5	MN0606CN	12.7	12.7	13.2		18.4	19.6	15.7
6	M03-149100	12.8	12.1	13.3		16.0	17.0	14.7
7	M03-289072	13.7	11.9	12.3		16.3	16.9	16.6
8	M04-212034	13.0	11.8	12.3		17.6	17.2	13.4
9	M04-219004	12.9	11.3	11.5		16.6	16.3	14.0
10	M04-273003	8.0	7.8	7.6		10.1	10.7	8.2
11	M05-353035	13.6	12.9	13.2		17.8	19.8	15.0
12	M05-353148	12.3	12.7	12.3		18.5	18.9	16.2
13	M05-353163	13.3	12.3	11.8		16.3	17.8	13.6
14	M05-357071	13.7	13.1	13.4		19.3	18.5	16.3
15	M05-357088	16.1	14.5	14.8		19.7	21.1	17.1
16	M05-357119	15.8	14.8	15.0		19.4	19.5	16.6
17	M05-363022	13.9	14.5	14.4		19.6	21.9	17.5
18	M05-363031	13.9	13.3	13.4		16.6	21.1	15.4
19	M05-363074	15.7	15.0	14.8		19.8	22.4	17.3
20	ND07-3987	14.9	14.3	15.3		17.6	18.4	14.5
21	ND07-3994	15.0	13.8	14.2		17.9	20.6	16.5
22	ND07-4635	15.9	15.6	14.2		19.6	21.5	17.4

2011 SCN UNIFORM TEST 0

Protein (%)

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne	32.6	32.1	33.6		34.1	36.4	36.4
2	MN1410	34.0	33.5	34.4		35.6	37.1	36.5
3	Surge	35.1	33.5	35.3		36.5	37.8	37.5
4	MN0095	33.9	33.0	34.3		34.5	36.9	35.9
5	MN0606CN	32.4	32.3	34.9		35.2	37.7	36.2
6	M03-149100	31.9	32.0	34.5		33.9	35.4	35.0
7	M03-289072	33.6	32.9	35.4		35.7	36.4	36.9
8	M04-212034	32.6	31.8	34.0		33.5	36.5	36.0
9	M04-219004	34.2	33.8	35.9		36.8	38.0	37.8
10	M04-273003	33.6	33.7	34.9		36.1	37.5	36.6
11	M05-353035	34.0	32.7	35.2		35.7	37.3	36.2
12	M05-353148	34.2	32.4	35.6		35.4	36.6	36.7
13	M05-353163	34.9	33.4	37.5		36.7	38.6	37.9
14	M05-357071	33.1	33.1	35.2		34.5	36.5	36.5
15	M05-357088	32.5	32.4	34.3		33.8	35.9	35.7
16	M05-357119	32.9	32.6	34.7		34.5	36.0	35.8
17	M05-363022	33.2	32.6	34.9		35.7	37.1	36.2
18	M05-363031	32.8	32.7	35.3		35.1	36.5	35.3
19	M05-363074	33.6	33.3	35.1		35.3	36.8	36.0
20	ND07-3987	34.5	34.2	37.5		35.8	36.5	35.6
21	ND07-3994	34.4	33.7	36.9		35.2	36.8	35.8
22	ND07-4635	31.8	31.6	33.1		33.8	35.4	35.3

2011SCN UNIFORM TEST 0

Oil (%)

		Danvers	Gaylord	Rose-mount	Dwight	Ottawa	St. Pauls	Wood-stock
		MN	MN	MN	ND	ON	ON	ON
	SCN HG Type	I	I	2.5.7	0	NI	NI	NI
	Strain							
1	Sheyenne	17.5	19.7	18.6		18.7	18.4	17.1
2	MN1410	17.6	18.7	18.4		18.8	18.2	17.7
3	Surge	17.3	19.3	18.0		18.4	18.0	17.4
4	MN0095	18.0	20.1	18.9		19.0	18.3	17.7
5	MN0606CN	17.9	19.4	17.8		18.4	18.0	17.7
6	M03-149100	18.7	19.6	18.3		18.9	19.0	18.6
7	M03-289072	17.6	19.3	18.2		18.4	18.7	17.9
8	M04-212034	18.0	18.8	18.0		19.5	18.2	17.4
9	M04-219004	17.4	18.4	17.5		17.4	17.6	16.9
10	M04-273003	17.4	18.2	17.3		17.2	17.7	17.1
11	M05-353035	17.3	18.5	17.3		17.7	17.1	17.1
12	M05-353148	18.2	19.4	17.9		18.4	18.1	17.4
13	M05-353163	16.1	18.4	16.7		17.4	17.1	16.6
14	M05-357071	18.2	19.2	18.5		19.0	18.4	17.6
15	M05-357088	18.6	19.6	19.0		19.7	18.6	18.0
16	M05-357119	18.7	19.7	19.2		19.8	18.7	18.0
17	M05-363022	17.2	19.3	17.7		18.6	18.0	17.1
18	M05-363031	17.2	18.2	17.6		18.0	17.8	17.1
19	M05-363074	17.8	18.6	17.9		18.4	18.1	17.7
20	ND07-3987	18.0	19.0	17.5		18.8	18.6	18.5
21	ND07-3994	18.4	19.2	18.4		19.0	18.5	18.1
22	ND07-4635	17.7	19.3	18.5		19.2	18.8	18.5

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2011 SCN UNIFORM TEST I

	Strain	Descriptive code	Parentage
1	MN1410	WGbf	Unknown
2	IA1022 (SCN)	PGy	Dairyland 98822 x A00-711024
3	Sheyenne (0)	PGy	Pioneer 9071 x A96-492041
4	AR09-191003	WGbf	Garst Agripro 97284-N00-47977 x AR02-101001
5	AR09-191018	PGbf	Agripro 97284-N00-47977 x AR02-101001
6	AR10-105002	P+WGbf+ibl	SS02-11958 x A00-882130
7	AR10-105009	PTbl+br	AR05-150119 x AR1
8	AR10-205011	P+WTbr	SS02-12014 x AR02-101001
9	M04-212108	WTbl+br	M98-240104 x MN0902CN
10	M04-217116	WGy	M98-239080 x MN1006CN
11	M04-220008	P+WT+Gbf+y	M98-239080 x M95-255017
12	M05-353086	P+WTy	MN0902CN X M99-286047
13	M05-353131	P+WTy+br	MN0902CN X M99-286047
14	M05-353151	PGy+bf	MN0902CN X M99-286047
15	U09-130013	PGibl	U01-390489 x U03-200238
16	U10-810004	PTgr	U01-390489 x LD00-3309

	Strain	Previous testing	Gen. Comp	Traits
1	MN1410	6	F5	
2	IA1022 (SCN)	4	F5	
3	Sheyenne (0)	3	F4	Rsp1-c
4	AR09-191003	NEW	F4	
5	AR09-191018	NEW	F5	
6	AR10-105002	NEW	F4	PI 438489B SCN Res
7	AR10-105009	NEW	F3	
8	AR10-205011	NEW	F4	PI 438489B SCN Res
9	M04-212108	1	F5	
10	M04-217116	1	F5	
11	M04-220008	1	F5	
12	M05-353086	NEW	F5	
13	M05-353131	NEW	F5	
14	M05-353151	NEW	F5	
15	U09-130013	NEW	F5	
16	U10-810004	NEW	F5	

2011 SCN UNIFORM TEST I

		IL SCN screen			
		HG Type 0		HG Type 2.5.7	
	Strain	FI	rating	FI	rating
1	MN1410	68	NR	60	NR
2	IA1022 (SCN)	6	HR	61	NR
3	Sheyenne (0)	71	NR	72	NR
4	AR09-191003	1	HR	2	HR
5	AR09-191018	1	HR	0	HR
6	AR10-105002	3	HR	54	LR
7	AR10-105009	5	HR	65	NR
8	AR10-205011	5	HR	65	NR
9	M04-212108	2	HR	*71*	*NR*
10	M04-217116	5	HR	67	NR
11	M04-220008	4	HR	63	NR
12	M05-353086	2	HR	60	NR
13	M05-353131	5	HR	68	NR
14	M05-353151	4	HR	66	NR
15	U09-130013	10	R	69	NR
16	U10-810004	20	R	70	NR

		MN IDC	**ISU IDC**	**SIU SDS**	**Shattering**
		Danvers	Res=1.6	LSD=ns	Urbana
	Strain	score	Sus=2.0	DX	score
1	MN1410	2.3	1.5	19	4
2	IA1022 (SCN)	2.5	2.0	24	5
3	Sheyenne (0)	2.3	2.0	7	4
4	AR09-191003	2.8	1.8	8	4
5	AR09-191018	2.3	1.8	11	1
6	AR10-105002	2.5	1.8	8	0
7	AR10-105009	3.0	4.0	0	2
8	AR10-205011	2.8	2.0	6	0
9	M04-212108	2.5	2.0	.	4
10	M04-217116	3.3	2.0	1	2
11	M04-220008	2.3	2.3	15	0
12	M05-353086	2.5	2.0	2	0
13	M05-353131	2.8	2.8	1	0
14	M05-353151	3.0	2.5	1	3
15	U09-130013	3.0	1.8	9	2
16	U10-810004	3.5	2.8	2	0

2011 SCN UNIFORM TEST I

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	12		3		11	11	11	9	11	10	10
1	MN1410	45.7	15	47.4	14	9/17	1.6	35	1.8	15.1	35.0	18.9
2	IA1022 (SCN)	52.7	5	49.7	9	9	1.8	34	1.5	14.5	32.3	19.5
3	Sheyenne (0)	40.3	16	47.6	13	-6	1.4	31	2.3	14.8	34.5	18.8
4	AR09-191003	53.6	4	48.5	11	8	1.7	36	1.4	14.3	34.3	18.9
5	AR09-191018	54.5	2	52.5	5	8	1.6	37	1.5	14.5	34.2	19.0
6	AR10-105002	51.7	7	53.6	4	8	1.2	33	1.3	15.2	34.1	18.8
7	AR10-105009	50.6	9	51.7	7	10	2.2	37	2.0	14.5	34.9	18.5
8	AR10-205011	56.8	1	57.5	1	13	1.4	32	1.5	14.6	34.8	18.3
9	M04-212108	46.8	13	40.1	16	-5	1.6	30	2.0	13.3	34.6	18.8
10	M04-217116	48.4	11	51.2	8	3	1.9	37	1.9	16.6	34.2	18.3
11	M04-220008	50.5	10	48.7	10	3	1.4	33	1.8	15.6	34.3	18.5
12	M05-353086	50.9	8	52.4	6	1	1.3	32	2.2	16.7	35.1	18.0
13	M05-353131	47.4	12	47.8	12	1	1.7	38	1.6	14.4	35.3	18.1
14	M05-353151	46.0	14	44.8	15	-2	1.6	31	2.1	15.4	35.4	17.9
15	U09-130013	52.1	6	54.2	3	11	1.2	29	2.0	15.3	33.1	19.1
16	U10-810004	54.1	3	54.6	2	12	1.1	26	2.0	14.1	32.6	19.0

2 Year Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	22		3		19	20	18	17	19	18	18
1	MN1410	50.4	6	47.4	6	9/15	1.6	34	1.8	15.3	35.5	18.5
2	IA1022 (SCN)	56.3	2	49.7	3	7	1.8	33	1.3	14.4	33.3	19.3
3	Sheyenne (0)	41.8	7	47.6	5	-6	1.3	30	2.3	15.0	34.7	18.5
5	AR09-191018	59.4	1	52.5	1	6	1.8	37	1.4	14.4	34.5	18.8
4	M04-212108	50.8	5	40.1	7	-4	1.6	31	2.1	13.4	34.9	18.3
14	M04-217116	54.0	3	51.2	2	3	2.1	37	2.0	16.4	34.7	18.2
15	M04-220008	53.3	4	48.7	4	3	1.4	32	1.6	15.5	34.7	18.4

2011 SCN UNFORM TEST I

Yield (bu/a)

		Mason City	Sutherland	Dekalb	Gaylord	Lamberton	Waseca	Auburn	Pierce
		IA	IA	IL	MN	MN	MN	NE	NE
	SCN HG Type	0	7	I	I	2.5.7	I	I	I
	Strain								
1	MN1410	44.5	55.5	64.8	42.4	36.6	51.4	33.3	38.9
2	IA1022 (SCN)	61.9	68.4	63.6	54.3	50.6	47.4	35.5	49.2
3	Sheyenne (0)	56.1	35.1	40.6	46.8	32.7	42.3		37.1
4	AR09-191003	56.7	67.6	72.8	56.5	48.9	49.4	41.2	45.5
5	AR09-191018	61.5	66.2	68.1	48.8	52.7	53.3	47.7	53.7
6	AR10-105002	64.2	62.3	64.3	51.0	42.7	50.7	34.7	50.7
7	AR10-105009	55.4	65.0	69.4	42.6	41.0	47.3	44.8	45.7
8	AR10-205011	65.2	70.6	73.5	50.1	48.8	47.5	57.5	56.0
9	M04-212108	54.3	55.9	44.5	50.3	43.6	54.7	30.9	44.9
10	M04-217116	53.9	61.7	66.0	47.3	37.0	46.6	35.7	46.4
11	M04-220008	57.7	61.9	58.4	54.9	44.2	50.5	39.8	49.5
12	M05-353086	60.3	63.6	57.4	56.9	41.9	51.6	44.1	49.7
13	M05-353131	59.2	57.1	56.1	46.1	39.0	41.3	40.5	40.6
14	M05-353151	52.8	56.5	56.9	50.4	44.4	44.3	29.7	41.6
15	U09-130013	64.7	65.5	54.2	57.5	47.9	53.1	38.6	50.8
16	U10-810004	63.9	66.0	67.6	49.3	42.1	49.6	56.0	55.2
	Average	58.3	61.2	61.1	50.3	43.4	48.8	40.7	47.2
	LSD(.05)	12.5	6.8	8.1	8.8	8.1	7.4	12.9	9.5
	C.V. %	8.3	4.3	6.2	10.5	11.1	9.1	14.7	9.4
	Replications	2	2	2	3	3	3	2	2
	Row width (in.)	30	30	30	30	30	30	30	30

2011 SCN UNFORM TEST I

Yield (bu/a)

		Seward	Chatham	Harrow	Beresford1	Ridgetown	Urbana	Beresford2
		NE	ON	ON	SD	ON	IL	SD
	SCN HG Type	I	7	2.5.7	5.7	NI	NI	NI
	Strain							
1	MN1410	47.8	40.2	48.6	44.4	67.1	22.4	52.7
2	IA1022 (SCN)	59.9	51.8	50.1	40.2	71.1	28.8	49.1
3	Sheyenne (0)	44.9	36.8	45.3	26.1	64.1	23.3	55.5
4	AR09-191003	52.5	54.0	55.2	43.0	72.2	28.8	44.5
5	AR09-191018	44.9	57.5	57.2	42.0	71.5	38.4	47.5
6	AR10-105002	51.5	54.4	54.5	38.9	68.9	41.5	50.3
7	AR10-105009	41.0	55.5	60.7	38.4	74.8	31.8	48.4
8	AR10-205011	62.5	57.2	56.3	36.3	70.5	49.4	52.5
9	M04-212108	54.6	45.0	49.8	33.5	58.0	18.9	43.3
10	M04-217116	47.4	54.0	49.4	34.8	69.0	39.4	45.3
11	M04-220008	54.0	49.1	57.7	28.7	68.8	29.2	48.2
12	M05-353086	39.4	52.1	51.7	42.4	66.1	42.2	48.8
13	M05-353131	52.0	47.3	50.4	39.2	60.0	36.2	47.2
14	M05-353151	35.8	50.4	50.7	38.0	59.6	29.9	45.0
15	U09-130013	51.6	59.2	49.2	32.6	79.0	34.6	48.9
16	U10-810004	49.4	61.4	55.1	34.0	79.9	30.8	53.0
	Average	49.3	51.6	52.6	37.0	68.8	32.8	48.8
	LSD(.05)	22.4	5.8	7.7	10.9	3.2	17.0	13.3
	C.V. %	21.3	8.0	10.5	18.0	4.3	11.9	16.0
	Replications	2	3	3	3	3	2	3
	Row width (in.)	30	24	24	30	17	30	30

2011 SCN UNIFORM TEST I

Yield (rank)

		Mason City	Sutherland	Dekalb	Gaylord	Lamberton	Waseca	Auburn	Pierce
		IA	IA	IL	MN	MN	MN	NE	NE
	SCN HG Type	0	7	I	I	2.5.7	I	I	I
	Strain								
1	MN1410	16	15	7	16	15	5	13	15
2	IA1022 (SCN)	5	2	9	5	2	11	11	8
3	Sheyenne (0)	11	16	16	13	16	15		16
4	AR09-191003	10	3	2	3	3	9	6	11
5	AR09-191018	6	4	4	11	1	2	3	3
6	AR10-105002	3	9	8	6	9	6	12	5
7	AR10-105009	12	7	3	15	12	12	4	10
8	AR10-205011	1	1	1	9	4	10	1	1
9	M04-212108	13	14	15	8	8	1	14	12
10	M04-217116	14	11	6	12	14	13	10	9
11	M04-220008	9	10	10	4	7	7	8	7
12	M05-353086	7	8	11	2	11	4	5	6
13	M05-353131	8	12	13	14	13	16	7	14
14	M05-353151	15	13	12	7	6	14	15	13
15	U09-130013	2	6	14	1	5	3	9	4
16	U10-810004	4	5	5	10	10	8	2	2

2011 SCN UNIFORM TEST I

Yield (rank)

		Seward	Chatham	Harrow	Beresford1	Ridgetown	Urbana	Beresford2
		NE	ON	ON	SD	ON	IL	SD
	SCN HG Type	I	7	2.5.7	5.7	NI	NI	NI
	Strain							
1	MN1410	10	15	15	1	11	15	3
2	IA1022 (SCN)	2	10	11	5	6	12	6
3	Sheyenne (0)	12	16	16	16	13	14	1
4	AR09-191003	5	7	5	2	4	12	15
5	AR09-191018	12	3	3	4	5	5	11
6	AR10-105002	8	6	7	7	9	3	5
7	AR10-105009	14	5	1	8	3	8	9
8	AR10-205011	1	4	4	10	7	1	4
9	M04-212108	3	14	12	13	16	16	16
10	M04-217116	11	8	13	11	8	4	13
11	M04-220008	4	12	2	15	10	11	10
12	M05-353086	15	9	8	3	12	2	8
13	M05-353131	6	13	10	6	14	6	12
14	M05-353151	16	11	9	9	15	10	14
15	U09-130013	7	2	14	14	2	7	7
16	U10-810004	9	1	6	12	1	9	2

2011 SCN UNIFORM TEST I

Maturity

		Mason City	Sutherland	Dekalb	Gaylord	Lamberton	Waseca	Auburn	Pierce
		IA	IA	IL	MN	MN	MN	NE	NE
	SCN HG Type	0	7	I	I	2.5.7	I	I	I
	Strain								
1	MN1410	9/14		9/16	9/14	9/19	9/21	9/2	
2	IA1022 (SCN)	10		9	5	9	8	1	
3	Sheyenne (0)	-6		-12	-4	-8	-10		
4	AR09-191003	8		8	5	8	4	2	
5	AR09-191018	10		7	5	7	6	5	
6	AR10-105002	7		6	2	10	6	6	
7	AR10-105009	11		9	6	7	9	8	
8	AR10-205011	15		14	7	13	10	12	
9	M04-212108	-4		-10	-4	-4	-9	-5	
10	M04-217116	5		4	0	4	2	-1	
11	M04-220008	2		1	-2	2	1	0	
12	M05-353086	1		-2	1	5	-5	-2	
13	M05-353131	1		-5	0	3	-3	-3	
14	M05-353151	-2		-5	-2	1	-5	-4	
15	U09-130013	15		6	7	12	11	6	
16	U10-810004	14		10	7	10	8	10	
	Planted	5/17	5/9	5/10	5/10	5/17	5/18	5/23	5/31

2011 SCN UNIFORM TEST I

Maturity

		Seward	Chatham	Harrow	Beresford1	Ridgetown	Urbana	Beresford2
		NE	ON	ON	SD	ON	IL	SD
	SCN HG Type	I	7	2.5.7	5.7	NI	NI	NI
	Strain							
1	MN1410	9/13	9/23	9/24		9/22	8/25	
2	IA1022 (SCN)	13	12	12		10	5	
3	Sheyenne (0)	-3	-1	-3		-6	-2	
4	AR09-191003	10	14	12		6	6	
5	AR09-191018	9	14	10		6	6	
6	AR10-105002	10	14	9		6	10	
7	AR10-105009	14	16	16		12	7	
8	AR10-205011	13	17	15		13	12	
9	M04-212108	-3	0	-2		-3	-6	
10	M04-217116	1	7	6		3	6	
11	M04-220008	1	10	8		5	5	
12	M05-353086	0	6	5		0	5	
13	M05-353131	0	5	7		0	3	
14	M05-353151	-2	1	0		-4	-1	
15	U09-130013	11	16	14		12	8	
16	U10-810004	14	17	14		12	13	
	Planted	6/7	6/14	6/13	6/7	6/3	5/13	6/7

2011 SCN UNIFORM TEST I

Lodging (score)

		Mason City	Sutherland	Dekalb	Gaylord	Lamberton	Waseca	Auburn	Pierce
		IA	IA	IL	MN	MN	MN	NE	NE
	SCN HG Type	0	7	I	I	2.5.7	I	I	I
	Strain								
1	MN1410	2.0	1.8	1.5		1.3	2.7		
2	IA1022 (SCN)	2.3	2.0	2.0		2.3	2.0		
3	Sheyenne (0)	2.0	1.0	1.5		1.3	2.0		
4	AR09-191003	2.0	1.8	1.8		2.0	2.3		
5	AR09-191018	2.3	1.8	1.5		2.0	2.0		
6	AR10-105002	1.5	1.5	1.0		1.0	2.0		
7	AR10-105009	2.5	2.0	2.3		2.7	2.3		
8	AR10-205011	2.0	1.8	1.5		1.3	2.0		
9	M04-212108	2.3	1.3	1.8		2.0	2.7		
10	M04-217116	2.5	2.3	1.8		1.7	2.0		
11	M04-220008	2.3	1.5	1.3		2.0	2.0		
12	M05-353086	2.3	1.5	1.0		1.3	1.7		
13	M05-353131	2.3	1.5	2.0		2.0	2.7		
14	M05-353151	2.3	1.5	1.0		1.7	2.0		
15	U09-130013	1.8	1.0	1.0		1.0	1.7		
16	U10-810004	1.3	1.0	1.0		1.0	2.0		

2011 SCN UNIFORM TEST I

Lodging (score)

		Seward	Chatham	Harrow	Beresford1	Ridgetown	Urbana	Beresford2
		NE	ON	ON	SD	ON	IL	SD
	SCN HG Type	I	7	2.5.7	5.7	NI	NI	NI
	Strain							
1	MN1410		1.7	1.5	1.0	1.7	1.0	1.0
2	IA1022 (SCN)		1.5	1.3	1.0	1.7	1.3	2.0
3	Sheyenne (0)		1.2	1.0	1.0	2.0	1.0	2.0
4	AR09-191003		2.0	1.3	2.0	2.0	1.3	1.0
5	AR09-191018		2.3	1.5	1.0	2.0	1.0	1.0
6	AR10-105002		1.0	1.0	1.0	1.0	1.0	1.0
7	AR10-105009		2.2	2.5	2.0	2.3	1.0	2.0
8	AR10-205011		1.0	1.0	1.0	1.3	1.0	1.0
9	M04-212108		1.5	1.3	1.0	2.0	1.0	1.0
10	M04-217116		1.8	1.5	1.0	2.7	1.0	3.0
11	M04-220008		1.0	1.0	1.0	1.7	1.0	1.0
12	M05-353086		1.0	1.3	1.0	1.0	1.0	1.0
13	M05-353131		1.5	1.2	1.0	2.0	1.0	2.0
14	M05-353151		1.2	1.2	1.0	1.3	1.0	3.0
15	U09-130013		1.3	1.0	1.0	1.3	1.0	1.0
16	U10-810004		1.0	1.0	1.0	1.0	1.0	1.0

2011 SCN UNIFORM TEST I

Height (inches)

		Mason City	Sutherland	Dekalb	Gaylord	Lamberton	Waseca	Auburn	Pierce
		IA	IA	IL	MN	MN	MN	NE	NE
	SCN HG Type	0	7	I	I	2.5.7	I	I	I
	Strain								
1	MN1410	42	35	35		34	35		
2	IA1022 (SCN)	45	33	31		34	31		
3	Sheyenne (0)	35	23	27		33	36		
4	AR09-191003	43	36	37		35	34		
5	AR09-191018	46	39	38		37	36		
6	AR10-105002	40	32	31		30	38		
7	AR10-105009	42	39	35		40	30		
8	AR10-205011	38	32	38		32	31		
9	M04-212108	39	27	27		32	38		
10	M04-217116	45	42	37		36	32		
11	M04-220008	42	32	31		35	34		
12	M05-353086	40	30	31		30	35		
13	M05-353131	49	41	38		38	36		
14	M05-353151	37	32	30		31	36		
15	U09-130013	32	25	28		28	27		
16	U10-810004	28	19	23		20	33		

2011 SC UNIFORM TEST I

Height (inches)

		Seward	Chatham	Harrow	Beresford1	Ridgetown	Urbana	Beresford2
		NE	ON	ON	SD	ON	IL	SD
	SCN HG Type	I	7	2.5.7	5.7	NI	NI	NI
	Strain							
1	MN1410		34	37	25	39	27	39
2	IA1022 (SCN)		35	40	25	36	25	40
3	Sheyenne (0)		32	34	26	37	21	35
4	AR09-191003		38	43	29	39	27	33
5	AR09-191018		38	43	29	38	31	36
6	AR10-105002		32	33	27	34	30	32
7	AR10-105009		38	43	33	37	31	38
8	AR10-205011		32	36	23	37	30	29
9	M04-212108		30	35	23	37	18	26
10	M04-217116		35	40	30	41	32	39
11	M04-220008		33	38	24	37	25	30
12	M05-353086		29	34	28	38	26	29
13	M05-353131		37	41	29	40	33	34
14	M05-353151		30	33	24	35	23	34
15	U09-130013		33	33	23	38	22	35
16	U10-810004		28	28	24	33	19	28

2011 SCN UNIFORM TEST I

Seed Quality (score)

		Mason City	Sutherland	Dekalb	Gaylord	Lamberton	Waseca	Auburn	Pierce
		IA	IA	IL	MN	MN	MN	NE	NE
	SCN HG Type	0	7	I	I	2.5.7	I	I	I
	Strain								
1	MN1410	2.0		1.0	1.0	2.0	1.0		
2	IA1022 (SCN)	2.0		1.0	1.0	1.0	1.0		
3	Sheyenne (0)	3.0		2.0	1.0	3.0	2.0		
4	AR09-191003	2.0		1.0	1.0	1.0	1.0		
5	AR09-191018	2.0		1.0	1.0	2.0	1.0		
6	AR10-105002	2.0		1.0	1.0	2.0	1.0		
7	AR10-105009	2.0		1.0	2.0	3.0	1.0		
8	AR10-205011	2.0		1.0	1.0	3.0	1.0		
9	M04-212108	3.0		1.0	2.0	3.0	1.0		
10	M04-217116	3.0		2.0	2.0	1.0	1.0		
11	M04-220008	2.0		1.0	1.0	2.0	2.0		
12	M05-353086	3.0		2.0	3.0	2.0	1.0		
13	M05-353131	2.0		1.0	2.0	1.0	1.0		
14	M05-353151	3.0		2.0	1.0	2.0	1.0		
15	U09-130013	2.0		1.0	2.0	2.0	1.0		
16	U10-810004	2.0		1.0	1.0	1.0	1.0		

2011 SCN UNIFORM TEST I

Seed Quality (score)

		Seward	Chatham	Harrow	Beresford1	Ridgetown	Urbana	Beresford2
		NE	ON	ON	SD	ON	IL	SD
	SCN HG Type	I	7	2.5.7	5.7	NI	NI	NI
	Strain							
1	MN1410				2.0	2.0	4.0	1.0
2	IA1022 (SCN)				2.0	2.3	2.0	1.0
3	Sheyenne (0)				2.0	2.7	3.0	2.0
4	AR09-191003				2.0	2.0	1.0	2.0
5	AR09-191018				1.0	2.3	1.0	2.0
6	AR10-105002				1.0	1.0	1.0	2.0
7	AR10-105009				2.0	2.0	3.0	2.0
8	AR10-205011				1.0	1.3	2.0	1.0
9	M04-212108				2.0	2.3	2.0	2.0
10	M04-217116				2.0	2.3	2.0	2.0
11	M04-220008				2.0	2.0	2.0	2.0
12	M05-353086				2.0	2.0	3.0	2.0
13	M05-353131				1.0	2.3	2.0	2.0
14	M05-353151				2.0	2.0	4.0	2.0
15	U09-130013				2.0	2.0	4.0	2.0
16	U10-810004				3.0	2.3	4.0	3.0

2011 SCN UNIFORM TEST I

Seed Weight (g/100)

		Mason City	Sutherland	Dekalb	Gaylord	Lamberton	Waseca	Auburn	Pierce
		IA	IA	IL	MN	MN	MN	NE	NE
	SCN HG Type	0	7	I	I	2.5.7	I	I	I
	Strain								
1	MN1410	13.4		15.7	14.6	15.4	15.4		
2	IA1022 (SCN)	13.1		14.4	12.6	15.2	13.7		
3	Sheyenne (0)	13.7		16.3	13.4	14.6	15.0		
4	AR09-191003	13.1		14.1	12.1	13.5	13.3		
5	AR09-191018	14.3		14.0	13.1	13.4	13.0		
6	AR10-105002	13.8		14.9	14.6	14.4	14.4		
7	AR10-105009	14.7		15.4	13.6	12.2	11.8		
8	AR10-205011	13.5		15.4	13.1	14.5	10.9		
9	M04-212108	11.3		12.9	12.0	13.9	12.5		
10	M04-217116	15.0		15.4	15.0	15.5	16.5		
11	M04-220008	12.9		15.0	13.8	15.5	14.1		
12	M05-353086	14.8		15.5	15.6	16.6	16.3		
13	M05-353131	13.8		14.3	14.8	9.6	9.5		
14	M05-353151	11.9		14.3	15.1	16.0	13.8		
15	U09-130013	15.3		14.7	15.2	14.7	14.2		
16	U10-810004	13.0		13.9	12.1	15.4	12.0		

2011 SCN UNIFORM TEST I

Seed Weight (g/100)

		Seward	Chatham	Harrow	Beresford1	Ridgetown	Urbana	Beresford2
		NE	ON	ON	SD	ON	IL	SD
	SCN HG Type	I	7	2.5.7	5.7	NI	NI	NI
	Strain							
1	MN1410		15.6	16.4	14.3	18.3	11.8	15.5
2	IA1022 (SCN)		17.3	16.0	13.5	17.0	12.9	13.8
3	Sheyenne (0)		14.9	15.6	13.5	16.0	14.0	16.0
4	AR09-191003		18.0	17.2	14.5	17.6	11.1	13.2
5	AR09-191018		17.5	16.7	13.0	17.2	11.8	15.0
6	AR10-105002		17.9	16.7	14.2	17.8	12.4	16.1
7	AR10-105009		18.7	17.2	12.7	17.7	11.0	14.6
8	AR10-205011		19.2	17.5	10.4	19.5	12.4	14.0
9	M04-212108		14.6	14.9	13.7	15.6	11.6	13.7
10	M04-217116		20.4	17.7	14.7	21.9	14.6	16.1
11	M04-220008		19.3	18.5	12.9	20.4	13.1	16.6
12	M05-353086		19.1	19.1	15.4	20.1	13.6	17.5
13	M05-353131		18.5	17.9	13.3	18.0	12.6	16.3
14	M05-353151		17.8	17.6	14.3	18.5	13.3	16.9
15	U09-130013		18.6	16.7	13.7	18.2	12.4	15.1
16	U10-810004		18.1	16.4	11.8	16.8	11.4	13.8

2011 SCN UNIFORM TEST I

Protein (%)

		Mason City IA	Dekalb IL	Gaylord MN	Lamber-ton MN	Waseca MN	Pierce NE	Chatham ON	Harrow ON	Ridge-town ON	Urbana IL
	SCN HG Type	0	I	I	2.5.7	I	I	7	2.5.7	NI	NI
	Strain										
1	MN1410	33.9	34.6	34.2	34.2	31.4	37.3	35.4	38.0	35.5	35.2
2	IA1022 (SCN)	29.6	32.7	31.0	31.7	29.1	34.1	32.5	37.1	33.4	31.9
3	Sheyenne (0)	34.4	35.2	32.3	32.9	31.0	37.1	33.7	37.1	34.9	36.7
4	AR09-191003	31.7	33.5	32.4	33.8	30.9	35.9	36.5	39.2	36.1	32.8
5	AR09-191018	32.1	32.3	32.8	33.7	31.3	36.8	36.2	38.5	35.9	32.6
6	AR10-105002	32.0	33.6	33.4	33.8	31.9	35.1	36.1	38.0	34.7	32.8
7	AR10-105009	33.7	34.7	34.1	33.6	31.7	36.6	36.7	38.5	35.6	34.2
8	AR10-205011	34.3	34.9	34.3	32.9	31.7	36.5	36.6	38.9	35.4	32.2
9	M04-212108	33.1	33.8	32.9	33.9	31.8	37.5	35.6	37.7	34.7	35.0
10	M04-217116	32.2	32.8	33.0	33.2	31.3	35.5	35.8	38.5	35.7	34.0
11	M04-220008	32.1	33.1	32.3	32.8	31.1	35.9	36.3	38.3	35.7	35.2
12	M05-353086	34.1	34.5	33.3	34.0	30.9	36.7	36.8	39.4	36.7	34.4
13	M05-353131	33.5	33.7	33.3	35.7	30.6	38.4	37.7	39.4	36.2	34.3
14	M05-353151	33.3	34.8	33.1	35.1	31.4	38.1	36.8	40.0	35.9	35.3
15	U09-130013	32.6	32.5	30.9	31.1	30.0	34.3	35.1	37.1	34.7	32.4
16	U10-810004	30.3	33.1	30.7	34.1	30.3	32.1	33.8	35.7	33.0	33.4

2011 SCN UNIFORM TEST I

Oil (%)

		Mason City IA	Dekalb IL	Gaylord MN	Lamber-ton MN	Waseca MN	Pierce NE	Chatham ON	Harrow ON	Ridge-town ON	Urbana IL
	SCN HG Type	0	I	I	2.5.7	I	I	7	2.5.7	NI	NI
	Strain										
1	MN1410	19.4	19.4	18.7	19.0	19.4	18.3	19.1	17.4	19.1	19.0
2	IA1022 (SCN)	21.0	19.3	19.3	19.0	20.3	17.9	19.8	18.0	20.1	20.3
3	Sheyenne (0)	19.0	18.6	19.3	19.0	19.6	17.2	19.3	18.0	19.1	18.7
4	AR09-191003	20.6	19.4	19.2	18.4	19.5	18.1	17.9	16.5	18.4	20.7
5	AR09-191018	20.3	20.0	19.1	17.8	19.4	17.8	18.4	17.4	19.1	20.5
6	AR10-105002	20.1	19.2	19.1	18.0	19.1	17.6	18.2	16.8	19.1	21.0
7	AR10-105009	19.7	18.8	18.5	18.5	18.7	17.9	17.7	16.3	18.6	20.7
8	AR10-205011	18.7	18.4	17.8	18.6	19.0	17.1	17.8	16.5	18.5	20.0
9	M04-212108	19.5	18.9	19.1	19.0	19.2	17.2	18.7	17.1	19.7	19.9
10	M04-217116	19.6	18.1	18.7	18.4	19.2	17.0	18.1	16.3	18.4	19.1
11	M04-220008	19.3	18.9	18.8	18.6	18.8	17.5	18.2	16.8	18.7	19.4
12	M05-353086	18.4	18.5	18.5	18.2	18.5	17.6	17.6	15.7	17.1	19.5
13	M05-353131	19.1	19.0	18.4	17.7	19.2	16.6	17.5	15.7	18.2	19.8
14	M05-353151	18.6	18.1	18.4	18.0	19.1	16.8	17.5	15.9	18.0	18.6
15	U09-130013	19.5	19.2	19.3	19.4	19.6	17.6	18.9	17.1	19.4	20.5
16	U10-810004	19.9	19.9	19.1	18.3	18.5	18.8	19.0	17.4	19.6	19.7

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2011 SCN UNIFORM TEST II

	Strain	Descriptive code	Parentage
1	IA2094	PTy	Agripro X0121B74 x A00-711036
2	IA1022 (SCN)	PGy	Dairyland 98822 x A00-711024
3	IA3024	PGibl	A97-553017 x Pioneer YB33A99
4	LD02- 4485	PGbf	M90-184111 x IA3010
5	AR06-165086	PTbl	Garst-Agripro 97026-N99-42648 x Golden Harvest H-2632
6	AR09-291011	PGbf	AR03-161009 x Agripro 97284-N00-47977
7	E07051	PGibl	IA3017 x Loda
8	LD07-2177	PLt+Gbl+bf	IA3023 x LD02-4485
9	U07-200211	WLtgr	U01-390489 x (U00-429037 x Essex Rsv4)

	Strain	Previous testing	Gen. Comp.	Traits
1	IA2094	3	F4	
2	IA1022 (SCN)	3	F5	
3	IA3024	4	F5	1% linolenic
4	LD02- 4485	6	F5	
5	AR06-165086	10SCN U I	F4	
6	AR09-291011	10SCN P II	F5	
7	E07051	1	F5	
8	LD07-2177	10SCN P II	F5	
9	U07-200211	10 UT PIIB	F5	

2011 SCN UNIFORM TEST II

	IL SCN screen			
	HG Type 0		HG Type 2.5.7	
Strain	FI	rating	FI	rating
1 IA2094	64	NR	68	NR
2 IA1022 (SCN)	6	HR	61	NR
3 IA3024	72	NR	77	NR
4 LD02- 4485	4	HR	69	NR
5 AR06-165086	20	**	65	NR
6 AR09-291011	0	HR	2	HR
7 E07051	6	HR	60	NR
8 LD07-2177	57	LR	85	NR
9 U07-200211	9	HR	65	NR

** rep data too variable to rate

	MN IDC	**ISU IDC**	**SIU SDS**	**Shattering**
	Danvers	Res=1.6	LSD=26	Urbana
Strain	score	Sus=2.0	DX	score
1 IA2094	3.3	2.0	36	3
2 IA1022 (SCN)	2.5	2.0	47	5
3 IA3024	2.8	2.0	38	0
4 LD02- 4485	3.5	1.8	12	0
5 AR06-165086	3.5	2.8	1	1
6 AR09-291011	2.8	2.0	6	0
7 E07051	3.3	1.5	6	0
8 LD07-2177	2.5	2.0	39	0
9 U07-200211	4.8	2.8	20	0

2011 SCN UNIFORM TEST II

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	14		3		11	13	14	10	14	12	12
1	IA2094	45.8	6	54.2	8	9/27	1.4	31	1.3	13.8	34.3	18.5
2	IA1022 (SCN)	43.5	8	51.4	9	-6	1.6	30	1.5	14.4	32.5	19.7
3	IA3024	43.5	8	60.5	4	3	1.3	33	1.5	13.7	33.4	18.1
4	LD02- 4485	53.1	1	61.1	2	0	1.6	34	1.5	13.6	32.2	18.6
5	AR06-165086	49.5	4	55.6	7	-5	1.5	29	1.6	15.0	35.2	19.0
6	AR09-291011	50.3	3	60.6	3	1	1.7	36	1.7	14.9	33.6	18.2
7	E07051	52.0	2	59.6	5	-4	1.3	32	1.8	16.1	34.1	18.5
8	LD07-2177	44.5	7	62.2	1	3	1.7	33	1.8	13.9	31.3	18.9
9	U07-200211	48.8	5	58.9	6	3	1.9	33	1.7	16.0	34.6	17.8

2 Year Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	26		5		22	27	26	21	28	24	24
1	IA2094	51.4	3	55.9	4	9/23	1.5	33	1.4	14.2	34.7	18.3
2	IA1022 (SCN)	49.5	5	53.9	5	-5	1.6	31	1.6	14.3	33.2	19.5
3	IA3024	50.0	4	59.3	2	4	1.3	34	1.5	14.1	33.0	18.2
4	LD02- 4485	58.1	1	59.4	1	1	1.6	34	1.5	13.4	32.3	18.6
7	E07051	56.1	2	57.2	3	-3	1.3	32	1.7	16.3	34.2	18.3

2011 SCN UNFORM TEST II

Yield (bu/a)

		Alburnett	Story City	Pontiac	West Lafayette	Decatur	Gaylord	Lamberton	Waseca	Auburn
		IA	IA	IL	IN	MI	MN	MN	MN	NE
	SCN HG Type	7	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I
	Strain									
1	IA2094	58.2	61.8	55.3	39.7	35.9	42.7	37.0	45.5	43.4
2	IA1022 (SCN)	60.0	51.1	46.1	38.6	31.9	42.0	40.7	51.4	29.3
3	IA3024	57.3	37.4	68.8	48.7	35.5	40.4	34.7	39.6	51.9
4	LD02- 4485	62.3	57.6	67.8	50.2	55.9	47.5	44.7	38.8	56.3
5	AR06-165086	60.1	57.9	56.1	44.6	43.4	47.9	42.8	56.6	48.1
6	AR09-291011	61.1	55.5	61.7	47.6	39.5	45.3	43.3	41.3	54.5
7	E07051	67.6	59.1	53.9	44.5	47.3	52.2	45.2	47.8	51.3
8	LD07-2177	63.4	56.8	59.5	52.2	18.5	43.9	30.1	37.0	45.1
9	U07-200211	58.0	51.9	63.6	58.8	45.8	39.1	38.1	35.1	51.3
	Average	60.9	54.3	59.2	47.2	39.3	47.6	38.7	43.4	47.9
	LSD(.05)	8.5	12.9	11.2	6.7	12.8	7.7	9.5	8.9	11.4
	C.V. %	4.8	8.2	8.2	8.2	16.8	9.7	14.8	12.2	10.3
	Replications	2	2	2	3	3	3	3	3	2
	Row width (in.)	30	30	30	30	15	30	30	30	30

Yield (rank)

		Alburnett	Story City	Pontiac	West Lafayette	Decatur	Gaylord	Lamberton	Waseca	Auburn
		IA	IA	IL	IN	MI	MN	MN	MN	NE
	SCN HG Type	7	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I
	Strain									
1	IA2094	7	1	7	8	6	6	7	4	8
2	IA1022 (SCN)	6	8	9	9	8	7	5	2	9
3	IA3024	9	9	1	4	7	8	8	6	3
4	LD02- 4485	3	4	2	3	1	3	2	7	1
5	AR06-165086	5	3	6	6	4	2	4	1	6
6	AR09-291011	4	6	4	5	5	4	3	5	2
7	E07051	1	2	8	7	2	1	1	3	4
8	LD07-2177	2	5	5	2	9	5	9	8	7
9	U07-200211	8	7	3	1	3	9	6	9	4

2011 SCN UNFORM TEST II

Yield (bu/a)

		Pierce	Seward	Chatham	Harrow	Beresford1	Grand Junction	Urbana	Hoytville	Beresford2
		NE	NE	ON	ON	SD	TN	IL	OH	SD
	SCN HG Type	I	I	7	2.5.7	5.7	I	NI	NI	NI
	Strain									
1	IA2094	48.9	60.7	37.8	49.7	37.1	7.9	35.7	82.7	44.4
2	IA1022 (SCN)	52.6	52.1	32.7	51.1	43.5	5.6	26.5	81.9	45.9
3	IA3024	38.8	51.3	9.9	41.5	31.5	13.6	47.4	86.7	47.4
4	LD02- 4485	56.0	67.6	56.5	54.9	40.1	15.5	39.5	94.0	49.8
5	AR06-165086	53.0	56.7	46.7	56.4	42.8	10.4	35.0	85.4	46.3
6	AR09-291011	48.2	56.8	61.5	54.3	38.2	15.1	46.3	91.8	43.6
7	E07051	56.6	63.6	54.1	59.3	41.6	13.1	40.8	89.0	49.0
8	LD07-2177	44.3	51.0	16.1	46.2	36.8	13.8	45.7	94.2	46.7
9	U07-200211	48.7	57.9	55.0	46.5	36.7	15.0	53.4	80.8	42.6
	Average	49.7	57.5	41.1	51.1	38.7	12.2	41.1	87.4	46.2
	LSD(.05)	8.5	17.6	7.3	5.1	11.8	1.8	10.8	5.9	5.2
	C.V. %	6.8	13.3	12.4	7.1	17.0	21.0*	11.4	3.9	6.0
	Replications	2	2	3	3	3	4	2	3	3
	Row width (in.)	30	30	24	24	30	30	30	15	30

*Data not included when calculating means for summary table.

Yield (rank)

		Pierce	Seward	Chatham	Harrow	Beresford1	Grand Junction	Urbana	Hoytville	Beresford2
		NE	NE	ON	ON	SD	TN	IL	OH	SD
	SCN HG Type	I	I	7	2.5.7	5.7	I	NI	NI	NI
	Strain									
1	IA2094	5	3	6	6	6	8	7	7	7
2	IA1022 (SCN)	4	7	7	5	1	9	9	8	6
3	IA3024	9	8	9	9	9	5	2	5	3
4	LD02- 4485	2	1	2	3	4	1	6	2	1
5	AR06-165086	3	6	5	2	2	7	8	6	5
6	AR09-291011	7	5	1	4	5	3	3	3	8
7	E07051	1	2	4	1	3	6	5	4	2
8	LD07-2177	8	9	8	8	7	4	4	1	4
9	U07-200211	6	4	3	7	8	2	1	9	9

2011 SCN UNIFORM TEST II

Maturity

		Alburnett	Story City	Pontiac	West Lafayette	Decatur	Gaylord	Lamberton	Waseca	Auburn
		IA	IA	IL	IN	MI	MN	MN	MN	NE
	SCN HG Type	7	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I
	Strain									
1	IA2094		9/29	9/14	9/20		9/21	10/1	10/1	9/10
2	IA1022 (SCN)		-11	-10	-10		-1	-3	-2	-8
3	IA3024		1	10	10		0	4	3	9
4	LD02- 4485		-1	5	2		0	3	-1	0
5	AR06-165086		-8	-7	-9		-2	-2	-2	-6
6	AR09-291011		-1	7	3		0	1	0	6
7	E07051		-12	-6	-7		-2	0	-2	-3
8	LD07-2177		2	7	6		0	1	0	6
9	U07-200211		-2	9	7		0	3	0	4
	Planted	5/18	5/19	5/10	5/17	5/3	5/10	5/17	5/18	5/23

Lodging (score)

		Alburnett	Story City	Pontiac	West Lafayette	Decatur	Gaylord	Lamberton	Waseca	Auburn
		IA	IA	IL	IN	MI	MN	MN	MN	NE
	SCN HG Type	7	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I
	Strain									
1	IA2094	1.8	2.0	1.5	1.0	1.0		1.3	2.0	
2	IA1022 (SCN)	2.0	2.0	1.5	1.0	1.5		1.7	2.0	
3	IA3024	1.8	1.8	1.5	1.0	1.0		1.3	2.0	
4	LD02- 4485	2.3	2.0	1.5	1.0	2.0		1.7	2.0	
5	AR06-165086	1.8	2.0	1.5	1.0	2.0		1.7	2.0	
6	AR09-291011	2.3	2.0	1.8	1.0	2.0		2.0	2.0	
7	E07051	1.8	1.8	1.0	1.0	1.0		1.3	2.0	
8	LD07-2177	2.8	2.8	1.8	1.2	1.0		1.0	2.0	
9	U07-200211	2.0	2.3	1.5	1.0	2.0		1.3	2.0	

2011 SCN UNIFORM TEST II

Maturity

		Pierce	Seward	Chatham	Harrow	Beresford1	Grand Junction	Urbana	Hoytville	Beresford2
		NE	NE	ON	ON	SD	TN	IL	OH	SD
	SCN HG Type	I	I	7	2.5.7	5.7	I	NI	NI	NI
	Strain									
1	IA2094		9/27	10/8	10/11		9/6*	9/01*	10/6	
2	IA1022 (SCN)		0	-10	-6		0	-3	-5	
3	IA3024		0	-4	-1		0	15	5	
4	LD02- 4485		-2	0	0		0	4	-4	
5	AR06-165086		-4	-2	-7		0	-1	-7	
6	AR09-291011		-2	1	-2		0	10	-1	
7	E07051		-2	0	-3		0	1	-6	
8	LD07-2177		5	-1	0		0	14	5	
9	U07-200211		-1	3	1		0	16	3	
	Planted	5/31	6/7	6/14	6/13	6/7	5/19	5/13	6/6	6/7

*Data not included when calculating means for summary table.

Lodging (score)

		Pierce	Seward	Chatham	Harrow	Beresford1	Grand Junction	Urbana	Hoytville	Beresford2
		NE	NE	ON	ON	SD	TN	IL	OH	SD
	SCN HG Type	I	I	7	2.5.7	5.7	I	NI	NI	NI
	Strain									
1	IA2094			1.0	1.5	1.0		1.0	2.0	1.0
2	IA1022 (SCN)			1.0	1.0	1.0		1.0	2.7	3.0
3	IA3024			1.0	1.0	1.0		1.0	2.0	1.0
4	LD02- 4485			1.0	1.7	1.0		1.3	2.3	1.0
5	AR06-165086			1.0	1.0	1.0		1.0	2.0	1.0
6	AR09-291011			1.0	1.5	2.0		1.5	2.3	1.0
7	E07051			1.0	1.0	1.0		1.0	2.0	1.0
8	LD07-2177			1.0	2.5	1.0		1.5	2.7	1.0
9	U07-200211			1.0	3.2	2.0		1.0	3.7	2.0

2011 SCN UNIFORM TEST II

Height (inches)

		Alburnett	Story City	Pontiac	West Lafayette	Decatur	Gaylord	Lamberton	Waseca	Auburn
		IA	IA	IL	IN	MI	MN	MN	MN	NE
	SCN HG Type	7	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I
	Strain									
1	IA2094	36	41	33	28	25		32	38	
2	IA1022 (SCN)	35	33	29	27	25		31	36	
3	IA3024	39	37	34	32	29		34	37	
4	LD02- 4485	40	41	34	31	36		33	38	
5	AR06-165086	30	36	30	25	29		27	35	
6	AR09-291011	39	42	38	32	38		38	40	
7	E07051	37	40	26	28	32		31	35	
8	LD07-2177	40	43	35	32	27		28	40	
9	U07-200211	32	35	31	29	32		30	37	

Seed Quality (score)

		Alburnett	Story City	Pontiac	West Lafayette	Decatur	Gaylord	Lamberton	Waseca	Auburn
		IA	IA	IL	IN	MI	MN	MN	MN	NE
	SCN HG Type	7	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I
	Strain									
1	IA2094		2.0	1.0	3.0		1.0	1.0	1.0	
2	IA1022 (SCN)		2.0	1.0	3.0		1.0	2.0	1.0	
3	IA3024		3.0	2.0	2.5		1.0	1.0	1.0	
4	LD02- 4485		2.0	1.0	2.0		1.0	1.0	1.0	
5	AR06-165086		2.0	2.0	2.5		1.0	1.0	1.0	
6	AR09-291011		2.0	1.0	2.0		1.0	2.0	1.0	
7	E07051		2.0	2.0	3.0		1.0	2.0	1.0	
8	LD07-2177		3.0	2.0	2.5		1.0	2.0	1.0	
9	U07-200211		2.0	1.0	1.5		1.0	3.0	1.0	

2011 SCN UNIFORM TEST II

Height (inches)

		Pierce	Seward	Chatham	Harrow	Beresford1	Grand Junction	Urbana	Hoytville	Beresford2
		NE	NE	ON	ON	SD	TN	IL	OH	SD
	SCN HG Type	I	I	7	2.5.7	5.7	I	NI	NI	NI
	Strain									
1	IA2094			24	47	29	18	26	34	27
2	IA1022 (SCN)			23	45	27	19	20	35	37
3	IA3024			20	47	27	23	31	35	41
4	LD02- 4485			27	47	30	24	26	35	30
5	AR06-165086			22	45	32	18	23	32	29
6	AR09-291011			34	46	32	25	32	36	35
7	E07051			28	46	37	22	26	34	32
8	LD07-2177			22	47	32	21	31	35	35
9	U07-200211			32	48	31	19	28	38	41

Seed Quality (score)

		Pierce	Seward	Chatham	Harrow	Beresford1	Grand Junction	Urbana	Hoytville	Beresford2
		NE	NE	ON	ON	SD	TN	IL	OH	SD
	SCN HG Type	I	I	7	2.5.7	5.7	I	NI	NI	NI
	Strain									
1	IA2094					1.0		1.0	1.0	1.0
2	IA1022 (SCN)					1.0		2.0	1.0	1.0
3	IA3024					1.0		1.0	1.0	1.0
4	LD02- 4485					1.0		3.0	1.0	2.0
5	AR06-165086					1.0		2.0	1.0	2.0
6	AR09-291011					2.0		3.0	1.0	2.0
7	E07051					2.0		2.0	1.0	2.0
8	LD07-2177					1.0		2.0	1.0	2.0
9	U07-200211					2.0		2.0	1.0	2.0

2011 SCN UNIFORM TEST II

Seed Weight (g/100)

		Alburnett	Story City	Pontiac	West Lafayette	Decatur	Gaylord	Lamberton	Waseca	Auburn
		IA	IA	IL	IN	MI	MN	MN	MN	NE
	SCN HG Type	7	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I
	Strain									
1	IA2094		13.2	12.4	15.5	13.5	12.5	12.6	11.9	
2	IA1022 (SCN)		14.0	14.3	13.9	14.2	13.7	14.3	12.9	
3	IA3024		12.3	15.0	16.3	12.3	12.9	12.1	12.6	
4	LD02- 4485		13.0	12.5	14.2	14.0	11.7	12.3	11.7	
5	AR06-165086		14.8	15.0	15.9	14.5	13.0	12.5	13.6	
6	AR09-291011		14.7	14.4	15.9	14.0	13.4	12.2	13.0	
7	E07051		15.5	14.9	16.1	15.9	14.8	15.1	14.3	
8	LD07-2177		13.3	15.8	16.2	12.5	13.6	11.1	11.9	
9	U07-200211		15.1	16.2	17.5	15.7	14.9	13.6	13.7	

Protein (%)

		Story City	Pontiac	West Lafayette	Decatur	Gaylord	Lamber-ton	Waseca	Pierce	Chatham	Harrow	Urbana	Hoytville
		IA	IL	IN	MI	MN	MN	MN	NE	ON	ON	IL	OH
	SCN HG Type	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I	7	2.5.7	NI	NI
	Strain												
1	IA2094	33.6	33.8	35.4	33.9	34.5	33.2	31.7	35.9	35.4	36.5	32.3	35.9
2	IA1022 (SCN)	32.1	31.1	34.1	34.5	31.4	31.3	30.5	33.0	32.3	34.8	32.2	33.0
3	IA3024	31.8	32.3	30.3	34.1	32.2	32.6	31.4	36.4	35.5	37.4	31.8	34.5
4	LD02- 4485	30.7	30.9	33.8	32.7	30.7	30.3	30.5	33.0	34.5	34.8	30.6	33.7
5	AR06-165086	34.3	35.2	34.7	36.1	33.6	33.8	31.8	36.2	36.9	37.7	35.9	36.8
6	AR09-291011	32.4	32.1	34.2	33.8	32.7	32.1	31.7	35.1	35.0	37.4	33.1	34.3
7	E07051	32.8	34.2	32.9	37.1	32.2	33.0	31.7	35.9	34.5	37.4	33.3	33.9
8	LD07-2177	29.8	31.6	31.6	32.7	29.1	29.4	29.1	32.8	33.5	33.9	29.7	32.5
9	U07-200211	33.6	33.1	35.5	36.2	33.4	32.8	32.2	36.0	35.8	35.9	34.0	37.0

2011 SCN UNIFORM TEST II

Seed Weight (g/100)

		Pierce	Seward	Chatham	Harrow	Beresford1	Grand Junction	Urbana	Hoytville	Beresford2
		NE	NE	ON	ON	SD	TN	IL	OH	SD
	SCN HG Type	I	I	7	2.5.7	5.7	I	NI	NI	NI
	Strain									
1	IA2094			15.5	17.0	11.4	14.1	13.2	16.9	13.3
2	IA1022 (SCN)			16.2	16.1	12.6	14.2	14.2	16.5	14.2
3	IA3024			12.8	16.3	11.9	13.9	13.3	16.6	14.2
4	LD02- 4485			17.1	17.2	11.4	13.3	12.2	16.2	13.4
5	AR06-165086			18.2	18.8	13.5	14.0	14.9	16.6	15.4
6	AR09-291011			18.9	17.8	13.2	14.5	13.7	17.3	15.2
7	E07051			20.5	20.3	14.0	14.3	13.8	18.8	17.6
8	LD07-2177			14.4	16.8	11.4	14.2	13.3	16.3	14.0
9	U07-200211			21.3	18.5	13.6	15.1	14.7	18.2	15.9

Oil (%)

		Story City		West Lafayette	Decatur	Gaylord	Lamber-ton	Waseca	Pierce	Chatham	Harrow	Urbana	Hoytville
		IA	Pontiac IL	IN	MI	MN	MN	MN	NE	ON	ON	IL	OH
	SCN HG Type	2.5.7	I	2.5.7	2.5.7	I	2.5.7	I	I	7	2.5.7	NI	NI
	Strain												
1	IA2094	18.7	19.8	18.9	19.4	17.3	17.8	18.6	17.6	18.4	17.4	20.2	17.9
2	IA1022 (SCN)	20.2	21.5	20.4	19.5	19.2	19.1	19.4	18.3	20.1	18.5	20.9	18.7
3	IA3024	18.2	19.5	21.8	18.5	17.2	17.2	17.6	15.8	17.9	16.5	20.1	17.4
4	LD02- 4485	18.7	19.9	18.9	19.8	18.2	17.6	18.2	17.3	18.1	18.0	20.8	17.7
5	AR06-165086	19.3	19.7	21.1	19.7	18.6	18.4	19.0	17.3	18.6	17.7	20.2	18.5
6	AR09-291011	19.4	19.7	19.6	18.5	17.8	17.2	17.9	17.0	18.0	16.8	18.9	18.1
7	E07051	19.6	18.8	19.9	17.6	18.2	17.8	18.3	17.2	18.9	16.8	19.8	18.7
8	LD07-2177	19.2	20.2	19.9	18.9	18.3	18.6	18.6	17.3	18.5	18.3	20.9	18.1
9	U07-200211	17.4	18.5	18.6	18.9	17.1	17.3	18.2	17.2	18.0	17.1	18.4	16.3

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2011 SCN PRELIM TEST IIA

	Strain	Descriptive code	Parentage	Gen. Comp.	Traits
1	IA2094	PTy	Agripro X0121B74 x A00-711036	F4	
2	IA1022 (SCN)	PGy	Dairyland 98822 x A00-711024	F5	
3	IA3024	PLtibl	A97-553017 x Pioneer YB33A99	F5	1% linolenic
4	LD02- 4485	PGbf	M90-184111 x IA3010	F5	
5	AR10-105006	PTbl	AR06-365063 x AR05-150071	F3	
6	AR10-105007	P+WGbf+ibl	Golden Harvest X-33686 x AR06-165058	F3	
7	AR10-105008	WT+Gbl+bf	Golden Harvest X-33686 x AR06-165086	F3	
8	AR10-205001	PTbl	SS02-11958 x AR02-101001	F4	PI 438489B SCN Res
9	AR10-205002	PTbl	SS02-11958 x AR03-163008	F4	PI 438489B SCN Res
10	AR10-205010	WT+Gbl	SS02-12014 x AR02-101001	F4	PI 438489B SCN Res
11	AR10-205014	WTbl	SS02-12014 x AR03-163008	F4	PI 438489B SCN Res
12	AR10-205042	PTbl	Golden Harvest X-33686 x AR06-165086	F3	
13	AR10-205047	PT+Gbl+ibl	Golden Harvest H-2285 x AR06-165086	F3	
14	AR10-205059	PT+Gbl+bf	Golden Harvest H-2285 x AR1	F3	
15	AR10-205065	P+WTgr	SS02-11958 x AR05-150129	F3	PI 438489B SCN Res
16	AR10-305067	PGibl	AR05-150100 x AR03-261024	F3	
17	AR10-305142	PGbf	Golden Harvest X-33686 x AR06-165089	F3	
18	E09014	PT+Gbl+ibl	AxN-1-55 x A00-711003	F5	
19	E09089	PGgr	Skylla x LD01-7323	F5	
20	E09090	PGgr	Skylla x LD01-7323	F5	
21	E09107	PTbl	Skylla x PI 507471	F5	
22	E09109	PTbl	Skylla x PI 507471	F5	
23	E09110	PTbl	Skylla x PI 507471	F5	
24	M05-345024	WLTy	M98-238010 X CYSTEX	F5	
25	M05-350013	WLTbf	M00-111179 X M98-134022	F5	
26	M05-357149	WTy	MN1009 X M00-114089	F5	Rps1k
27	M05-363126	P+WTy	IA1008 X MN1011CN	F5	

2011 SCN PRELIM TEST IIA

	IL SCN screen				ISU IDC	Shattering
	HG Type 0		HG Type 2.5.7		Res=1.6	Urbana
Strain	FI	rating	score	rating	Sus=2.0	score
1 IA2094	64	NR	68	NR	2.0	1
2 IA1022 (SCN)	6	HR	61	NR	2.0	5
3 IA3024	72	NR	77	NR	2.0	0
4 LD02- 4485	4	HR	69	NR	1.8	1
5 AR10-105006	22	R	58	LR	1.8	0
6 AR10-105007	15	R	72	NR	2.5	0
7 AR10-105008	8	HR	59	LR	2.3	0
8 AR10-205001	18	R	60	NR	2.0	0
9 AR10-205002	12	R	58	LR	2.5	0
10 AR10-205010	14	R	77	NR	2.5	0
11 AR10-205014	4	HR	60	NR	2.8	0
12 AR10-205042	10	R	*97*	*NR*	2.0	0
13 AR10-205047	14	R	61	NR	2.3	0
14 AR10-205059	18	R	66	NR	2.0	0
15 AR10-205065	1	HR	44	LR	2.0	0
16 AR10-305067	7	HR	54	LR	2.3	0
17 AR10-305142	8	HR	66	NR	2.5	0
18 E09014	7	HR	71	NR	1.8	0
19 E09089	23	R	66	NR	2.5	1
20 E09090	27	MR	74	NR	2.3	0
21 E09107	49	LR	66	NR	2.3	0
22 E09109	48	LR	51	LR	2.3	0
23 E09110	46	LR	49	LR	2.0	0
24 M05-345024	20	R	67	NR	1.3	4
25 M05-350013	61	NR	75	NR	2.0	4
26 M05-357149	7	HR	78	NR	2.0	4
27 M05-363126	7	HR	59	LR	2.0	5

2011 SCN PRELIM TEST IIA

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	8		2		5	7	7	5	6	4	4
1	IA2094	48.1	18	43.2	19	9/17	1.4	33	1.4	13.3	34.5	18.7
2	IA1022 (SCN)	45.7	22	33.2	26	-7	1.7	32	1.6	13.3	32.0	20.1
3	IA3024	48.1	18	46.2	10	6	1.4	36	1.6	13.7	33.3	18.6
4	LD02- 4485	58.3	1	46.7	6	1	1.8	37	1.6	12.8	32.0	19.5
5	AR10-105006	52.8	9	44.6	15	0	2.2	35	1.4	11.9	33.1	19.1
6	AR10-105007	54.3	4	44.7	13	-1	1.4	35	1.6	13.9	33.7	18.8
7	AR10-105008	51.4	12	44.6	14	0	1.6	30	1.2	15.2	34.6	19.1
8	AR10-205001	54.4	2	52.4	1	6	2.0	41	1.8	13.4	35.0	18.6
9	AR10-205002	51.8	10	46.4	8	7	1.8	36	1.2	13.1	34.7	19.0
10	AR10-205010	53.2	8	42.4	21	3	1.4	36	1.6	12.1	34.8	18.8
11	AR10-205014	53.4	7	46.3	9	8	1.3	36	1.6	11.8	35.3	18.6
12	AR10-205042	53.6	6	50.9	2	3	1.5	33	1.6	13.8	35.4	18.8
13	AR10-205047	54.4	2	50.1	3	4	2.1	33	2.0	13.9	35.2	18.6
14	AR10-205059	48.9	17	47.0	4	5	2.0	40	2.0	12.7	35.1	18.1
15	AR10-205065	51.3	13	47.0	5	5	1.8	36	1.8	12.8	34.3	18.6
16	AR10-305067	51.3	13	43.2	18	0	2.1	40	1.8	13.7	33.8	18.5
17	AR10-305142	54.1	5	46.5	7	4	1.7	39	1.8	13.4	34.0	19.2
18	E09014	51.5	11	44.8	12	10	2.0	39	1.8	14.6	36.1	17.8
19	E09089	50.0	16	42.1	22	-4	1.3	32	1.4	13.5	33.2	19.1
20	E09090	51.3	13	45.5	11	-2	1.2	32	1.6	14.6	33.1	18.9
21	E09107	43.4	23	43.1	20	-2	1.3	35	1.8	14.3	32.8	18.6
22	E09109	43.4	23	44.0	16	-2	1.6	36	1.6	14.1	32.6	19.0
23	E09110	42.7	25	43.7	17	-3	1.3	36	1.6	14.0	32.4	18.5
24	M05-345024	22.1	27	30.5	27	-22	1.6	25	3.0	16.1	38.0	18.0
25	M05-350013	36.3	26	38.3	23	-9	1.4	31	2.2	13.6	37.1	17.9
26	M05-357149	47.3	21	37.7	24	-9	1.6	30	2.8	13.0	35.8	18.6
27	M05-363126	48.1	18	37.7	24	-11	1.6	33	1.8	15.8	34.4	18.9

2011 SCN PRELIM TEST IIA

Yield (bu/a)

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094	64.4	52.6	62.4	32.1	47.1	25.2	60.2	40.5	37.9	48.4
2	IA1022 (SCN)	69.5	44.8	37.4	31.9	34.9	42.0	61.5	43.9	28.8	37.6
3	IA3024	61.5	35.4	72.9	45.6	57.0	28.8	54.4	29.0	46.5	45.9
4	LD02- 4485	68.7	58.8	66.3	55.0	56.4	54.6	66.1	40.3	51.2	42.2
5	AR10-105006	62.0	52.3	58.2	48.0	55.3	50.1	60.1	36.5	39.8	49.4
6	AR10-105007	65.8	60.1	61.4	50.3	47.7	53.9	57.4	38.1	45.4	44.1
7	AR10-105008	67.3	56.9	57.1	54.6	43.9	41.8	51.8	38.0	46.3	42.9
8	AR10-205001	65.8	56.1	70.5	41.1	53.7	45.4	66.7	36.2	57.1	47.7
9	AR10-205002	61.4	46.3	59.1	50.7	52.1	46.1	60.1	38.9	48.8	44.0
10	AR10-205010	66.6	61.8	54.5	41.8	48.5	48.2	63.0	41.4	43.3	41.6
11	AR10-205014	61.5	50.3	58.5	53.2	55.0	40.6	62.2	45.8	50.5	42.1
12	AR10-205042	63.7	54.7	57.8	42.1	61.7	53.5	61.0	34.0	52.3	49.5
13	AR10-205047	57.4	56.7	63.7	45.7	58.1	49.7	61.7	42.2	52.5	47.7
14	AR10-205059	54.5	48.9	55.4	52.0	47.9	41.4	49.4	42.0	45.3	48.8
15	AR10-205065	59.0	52.7	56.9	46.1	51.9	46.3	60.9	37.0	54.7	39.3
16	AR10-305067	60.8	58.3	55.1	49.7	44.9	50.6	54.7	36.6	47.1	39.3
17	AR10-305142	62.9	53.0	62.6	52.2	53.1	48.4	60.7	40.1	47.3	45.6
18	E09014	59.4	46.6	66.2	48.7	54.9	41.7	61.9	32.3	47.7	41.9
19	E09089	63.1	52.1	53.2	46.5	46.9	51.7	48.3	38.3	38.1	46.1
20	E09090	64.9	53.9	52.3	52.3	46.9	46.3	54.1	39.7	40.3	50.8
21	E09107	60.9	43.9	52.2	25.7	43.1	35.4	49.8	36.4	37.2	49.1
22	E09109	56.1	43.9	53.4	35.4	43.8	37.2	45.8	31.4	39.4	48.6
23	E09110	57.5	42.2	52.7	25.3	35.9	41.2	49.6	37.1	40.5	46.9
24	M05-345024	28.0	19.3	17.9	10.6		19.4	21.5	38.2	16.5	44.5
25	M05-350013	53.5	47.4	34.8	19.3	29.2	33.1	42.9	30.3	28.4	48.2
26	M05-357149	63.5	48.5	38.0	49.1	41.6	50.4	54.6	32.9	26.9	48.4
27	M05-363126	61.5	57.5	40.8	48.8	41.4	40.1	51.0	43.6	26.9	48.5
	Average	60.8	50.2	54.2	42.7	48.2	43.1	55.2	37.8	42.1	45.5
	LSD(.05)	9.9	12.1	4.2	12.5	15.3	13.6	11.8	10.2	10.7	12.1
	C.V. %	6.5	9.7	6.1	17.1	15.4	14.8	10.0	13.0	12.4	13.0
	Replications	2	2	2	2	2	2	2	2	2	2
	Row width (in.)	30	30	30	15	30	30	30	30	30	30

2011 SCN PRELIM TEST IIA

Yield (rank)

		Alburnett	Story City	Pontiac	Decatur	Auburn	Pierce	Seward	Beres-ford1	Urabna	Beres-Ford2
		IA	IA	IL	MI	NE	NE	NE	SD	IL	SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094	8	13	7	22	15	26	11	7	21	9
2	IA1022 (SCN)	1	22	25	23	25	15	7	2	23	27
3	IA3024	16	26	1	17	3	25	17	27	11	15
4	LD02- 4485	2	3	3	1	4	1	2	8	5	21
5	AR10-105006	13	14	11	13	5	7	12	19	18	3
6	AR10-105007	5	2	8	8	14	2	14	14	13	18
7	AR10-105008	3	6	13	2	19	16	19	15	12	20
8	AR10-205001	6	8	2	20	8	14	1	21	1	11
9	AR10-205002	17	21	9	7	10	13	12	11	7	19
10	AR10-205010	4	1	17	19	12	10	3	6	15	24
11	AR10-205014	15	16	10	3	6	20	4	1	6	22
12	AR10-205042	9	9	12	18	1	3	8	22	4	2
13	AR10-205047	23	7	5	16	2	8	6	4	3	12
14	AR10-205059	25	17	15	6	13	18	23	5	14	5
15	AR10-205065	21	12	14	15	11	11	9	17	2	26
16	AR10-305067	19	4	16	9	18	5	15	18	10	25
17	AR10-305142	12	11	6	5	9	9	10	9	9	16
18	E09014	20	20	4	12	7	17	5	24	8	23
19	E09089	11	15	19	14	16	4	24	12	20	14
20	E09090	7	10	21	4	16	11	18	10	17	1
21	E09107	18	24	22	24	21	23	21	20	22	4
22	E09109	24	23	18	21	20	22	25	25	19	6
23	E09110	22	25	20	25	24	19	22	16	16	13
24	M05-345024	27	27	27	27		27	27	13	27	17
25	M05-350013	26	19	26	26	26	24	26	26	24	10
26	M05-357149	10	18	24	10	22	6	16	23	25	8
27	M05-363126	14	5	23	11	23	21	20	3	25	7

2011 SCN PRELIM TEST IIA

Maturity

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094		9/29	9/14		9/11		9/26		9/03	
2	IA1022 (SCN)		-12	-8		-9		-3		-5	
3	IA3024		-2	10		9		2		12	
4	LD02- 4485		-1	2		-1		-1		4	
5	AR10-105006		0	0		-1		0		1	
6	AR10-105007		-2	-1		-1		1		-1	
7	AR10-105008		-3	2		-3		1		1	
8	AR10-205001		3	9		4		0		13	
9	AR10-205002		3	8		8		3		13	
10	AR10-205010		1	2		-1		1		10	
11	AR10-205014		3	10		10		2		14	
12	AR10-205042		-1	7		2		-1		7	
13	AR10-205047		2	6		4		0		9	
14	AR10-205059		3	8		5		1		8	
15	AR10-205065		2	8		4		2		11	
16	AR10-305067		1	0		-1		-1		3	
17	AR10-305142		1	7		3		0		7	
18	E09014		4	13		14		6		12	
19	E09089		-4	-5		-4		-6		-1	
20	E09090		0	-3		-3		-2		-2	
21	E09107		-2	-6		-2		-2		0	
22	E09109		-3	-5		-1		0		0	
23	E09110		-3	-5		-3		-4		0	
24	M05-345024		-24	-22				-23		-17	
25	M05-350013		-15	-12		-3		-8		-5	
26	M05-357149		-14	-12		-8		-4		-7	
27	M05-363126		-16	-12		-10		-10		-7	
	Planted	5/18	5/19	5/10	5/3	5/23	5/31	6/7	6/7	5/13	6/7

2011 SCN PRELIM TEST IIA

Lodging (score)

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094	2.3	1.8	1.5	1.0				1.0	1.0	1.0
2	IA1022 (SCN)	2.0	2.3	1.5	2.0				2.0	1.0	1.0
3	IA3024	2.0	1.5	1.8	1.5				1.0	1.0	1.0
4	LD02- 4485	2.0	2.3	2.0	2.0				2.0	1.3	1.0
5	AR10-105006	3.0	3.0	2.0	3.0				2.0	1.3	1.0
6	AR10-105007	1.8	2.0	1.0	2.0				1.0	1.0	1.0
7	AR10-105008	2.0	1.8	1.3	2.0				1.0	1.3	2.0
8	AR10-205001	2.0	3.0	2.5	3.0				1.0	1.8	1.0
9	AR10-205002	2.0	1.5	1.0	2.0				2.0	1.0	3.0
10	AR10-205010	2.0	1.8	1.0	2.0				1.0	1.0	1.0
11	AR10-205014	1.8	1.3	1.3	2.0				1.0	1.0	1.0
12	AR10-205042	2.0	1.8	1.3	2.0				1.0	1.3	1.0
13	AR10-205047	2.3	2.3	1.5	2.5				2.0	1.5	3.0
14	AR10-205059	3.0	3.3	1.5	3.0				1.0	1.5	1.0
15	AR10-205065	2.0	2.0	1.5	2.0				2.0	1.8	1.0
16	AR10-305067	2.5	2.5	1.8	2.5				2.0	1.3	2.0
17	AR10-305142	2.0	1.8	1.0	2.0				2.0	1.0	2.0
18	E09014	2.8	2.5	2.0	3.0				1.0	1.0	2.0
19	E09089	1.8	1.5	1.0	1.0				2.0	1.0	1.0
20	E09090	1.8	1.5	1.0	1.0				1.0	1.0	1.0
21	E09107	2.0	1.8	1.0	1.5				1.0	1.0	1.0
22	E09109	2.0	1.8	1.0	1.5				1.0	1.0	3.0
23	E09110	2.0	1.8	1.0	1.5				1.0	1.0	1.0
24	M05-345024	1.5	1.5	1.0	1.0				2.0	1.0	3.0
25	M05-350013	2.0	2.0	1.5	1.0				1.0	1.0	1.0
26	M05-357149	2.3	1.8	1.0	1.5				2.0	1.0	2.0
27	M05-363126	2.0	1.8	1.0	1.5				1.0	1.0	3.0

2011 SCN PRELIM TEST IIA

Height (inches)

		Alburnett	Story City	Pontiac	Decatur	Auburn	Pierce	Seward	Beres-ford1	Urabna	Beres-Ford2
		IA	IA	IL	MI	NE	NE	NE	SD	IL	SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094	35	38	32	30				35	27	36
2	IA1022 (SCN)	39	33	28	27				29	25	40
3	IA3024	38	35	35	38				36	31	42
4	LD02- 4485	39	42	38	39				28	31	45
5	AR10-105006	39	37	36	38				32	33	30
6	AR10-105007	38	44	34	38				25	31	32
7	AR10-105008	33	37	30	33				27	26	24
8	AR10-205001	44	44	41	46				36	39	36
9	AR10-205002	41	39	38	41				29	34	29
10	AR10-205010	38	42	31	38				34	29	39
11	AR10-205014	39	34	34	40				34	33	42
12	AR10-205042	33	35	33	36				26	27	40
13	AR10-205047	35	39	34	36				29	32	28
14	AR10-205059	45	44	41	44				31	36	39
15	AR10-205065	37	41	35	38				33	34	35
16	AR10-305067	43	44	42	41				40	34	33
17	AR10-305142	40	45	40	39				37	32	38
18	E09014	44	48	38	43				30	37	35
19	E09089	36	36	30	31				29	28	36
20	E09090	36	39	28	31				28	24	36
21	E09107	42	40	32	34				29	26	39
22	E09109	39	44	34	39				31	29	35
23	E09110	41	41	35	34				31	28	40
24	M05-345024	22	27	22	16				40	17	30
25	M05-350013	37	37	30	23				26	27	34
26	M05-357149	37	31	28	31				28	25	29
27	M05-363126	37	38	32	34				29	26	33

2011 SCN PRELIM TEST IIA

Seed Quality (score)

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094		2.0	1.0					1.0	2.0	1.0
2	IA1022 (SCN)		3.0	1.0					1.0	2.0	1.0
3	IA3024		2.0	1.0					2.0	2.0	1.0
4	LD02- 4485		3.0	2.0					1.0	1.0	1.0
5	AR10-105006		2.0	1.0					2.0	1.0	1.0
6	AR10-105007		2.0	2.0					2.0	1.0	1.0
7	AR10-105008		2.0	1.0					1.0	1.0	1.0
8	AR10-205001		1.0	2.0					3.0	2.0	1.0
9	AR10-205002		1.0	1.0					2.0	1.0	1.0
10	AR10-205010		2.0	1.0					2.0	2.0	1.0
11	AR10-205014		3.0	1.0					2.0	1.0	1.0
12	AR10-205042		3.0	1.0					2.0	1.0	1.0
13	AR10-205047		2.0	2.0					2.0	2.0	2.0
14	AR10-205059		2.0	2.0					2.0	3.0	1.0
15	AR10-205065		2.0	1.0					3.0	2.0	1.0
16	AR10-305067		2.0	2.0					1.0	3.0	1.0
17	AR10-305142		2.0	1.0					2.0	2.0	2.0
18	E09014		2.0	1.0					2.0	2.0	2.0
19	E09089		2.0	1.0					2.0	1.0	1.0
20	E09090		2.0	2.0					1.0	2.0	1.0
21	E09107		2.0	2.0					2.0	2.0	1.0
22	E09109		2.0	1.0					2.0	2.0	1.0
23	E09110		2.0	1.0					2.0	2.0	1.0
24	M05-345024		4.0	4.0					1.0	4.0	2.0
25	M05-350013		2.0	3.0					1.0	4.0	1.0
26	M05-357149		3.0	3.0					2.0	4.0	2.0
27	M05-363126		3.0	2.0					1.0	2.0	1.0

2011 SCN PRELIM TEST IIA

Seed Weight (g/100)

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094		13.5	13.9	14.1				12.5	13.0	13.1
2	IA1022 (SCN)		12.8	13.4	12.8				14.0	13.4	13.1
3	IA3024		13.0	15.9	14.0				11.7	14.0	13.6
4	LD02- 4485		12.3	13.0	13.6				12.2	12.0	13.6
5	AR10-105006		12.0	12.4	12.2				11.7	11.1	11.8
6	AR10-105007		14.4	14.4	14.6				12.5	13.6	14.0
7	AR10-105008		15.1	15.7	16.6				14.0	15.4	14.1
8	AR10-205001		13.2	12.7	14.9				14.5	12.2	12.9
9	AR10-205002		12.6	13.5	14.2				12.8	12.0	13.7
10	AR10-205010		12.3	11.8	12.7				11.2	11.0	13.6
11	AR10-205014		11.2	11.3	14.1				11.8	10.7	11.7
12	AR10-205042		14.5	14.3	14.6				11.9	14.1	13.4
13	AR10-205047		13.2	14.4	15.3				13.9	13.8	12.9
14	AR10-205059		12.0	12.2	13.8				13.8	11.6	12.8
15	AR10-205065		13.0	13.2	14.5				11.0	11.8	13.2
16	AR10-305067		13.5	14.3	14.3				12.8	13.5	13.9
17	AR10-305142		12.5	14.5	14.5				13.2	12.6	13.0
18	E09014		14.1	15.6	17.0				12.7	14.7	13.8
19	E09089		12.6	13.9	14.7				12.3	12.9	14.5
20	E09090		13.8	14.8	15.8				13.8	14.4	14.8
21	E09107		12.9	15.0	14.4				13.9	14.3	15.2
22	E09109		12.6	14.1	15.4				13.9	14.3	14.4
23	E09110		12.6	14.5	14.2				14.6	13.8	14.3
24	M05-345024		15.7	17.3	15.4				15.8	16.5	15.9
25	M05-350013		13.3	13.5	13.5				12.9	13.3	14.8
26	M05-357149		12.4	12.8	14.9				12.2	10.7	15.1
27	M05-363126		14.9	15.9	16.7				17.3	13.9	16.0

2011 SCN PRELIM TEST IIA

Protein (%)

		Story City IA	Decatur MI	Pierce NE	Urabna IL
	SCN HG Type	2.5.7	2.5.7	I	NI
	Strain				
1	IA2094	33.8	34.5	36.4	33.4
2	IA1022 (SCN)	29.4	33.7	33.6	31.6
3	IA3024	32.3	34.9	35.4	30.5
4	LD02- 4485	30.7	31.7	33.5	32.0
5	AR10-105006	33.4	33.0	34.9	31.0
6	AR10-105007	33.1	34.8	35.3	31.5
7	AR10-105008	33.4	34.4	35.6	35.0
8	AR10-205001	34.2	35.0	37.3	33.5
9	AR10-205002	33.3	35.2	35.9	34.3
10	AR10-205010	33.5	35.9	37.3	32.7
11	AR10-205014	33.8	36.3	36.4	34.8
12	AR10-205042	34.8	36.4	36.9	33.4
13	AR10-205047	34.3	34.9	37.8	33.8
14	AR10-205059	35.0	35.4	37.0	33.2
15	AR10-205065	33.1	34.7	37.4	31.9
16	AR10-305067	31.4	34.7	36.1	33.3
17	AR10-305142	32.4	33.8	36.8	33.0
18	E09014	36.4	36.5	37.5	33.9
19	E09089	32.3	34.2	34.3	31.9
20	E09090	32.0	33.9	34.8	31.9
21	E09107	31.3	33.2	33.9	32.9
22	E09109	30.8	33.4	33.4	32.6
23	E09110	31.0	32.3	34.1	32.2
24	M05-345024	37.9	37.2	38.3	38.9
25	M05-350013	35.0	38.1	37.8	37.6
26	M05-357149	33.6	36.6	36.4	36.4
27	M05-363126	33.1	34.7	36.4	33.5

2011 SCN PRELIM TEST IIA

Oil (%)

		Story City	Decatur	Pierce	Urabna
		IA	MI	NE	IL
	SCN HG Type	2.5.7	2.5.7	I	NI
	Strain				
1	IA2094	18.9	19.4	16.6	19.7
2	IA1022 (SCN)	20.7	19.7	18.8	21.1
3	IA3024	18.1	18.3	16.3	21.5
4	LD02- 4485	19.3	20.1	18.5	20.0
5	AR10-105006	18.7	19.6	17.6	20.4
6	AR10-105007	18.1	19.4	17.5	20.5
7	AR10-105008	18.7	20.3	17.4	19.9
8	AR10-205001	18.2	19.6	16.6	20.1
9	AR10-205002	19.0	19.7	17.3	20.2
10	AR10-205010	19.4	18.9	16.8	20.0
11	AR10-205014	18.5	19.3	16.9	19.8
12	AR10-205042	18.5	19.1	17.6	20.2
13	AR10-205047	18.8	19.5	16.6	19.6
14	AR10-205059	18.0	18.9	16.7	18.9
15	AR10-205065	18.5	19.3	16.3	20.3
16	AR10-305067	18.9	18.7	17.0	19.3
17	AR10-305142	18.8	20.3	17.1	20.7
18	E09014	16.6	18.5	16.6	19.7
19	E09089	18.9	19.3	17.9	20.3
20	E09090	18.8	19.4	17.4	19.9
21	E09107	18.3	18.9	17.2	20.2
22	E09109	19.3	19.5	17.4	19.9
23	E09110	18.1	19.3	16.7	19.8
24	M05-345024	17.5	19.4	17.1	18.0
25	M05-350013	18.4	18.1	17.3	17.6
26	M05-357149	19.4	18.7	17.9	18.4
27	M05-363126	19.0	19.0	17.8	19.8

2011 SCN PRELIM TEST IIB

	Strain	Descriptive code	Parentage	Gen. Comp.	Traits
1	IA2094	PTy	Agripro X0121B74 x A00-711036	F4	
2	IA1022 (SCN)	PGy	Dairyland 98822 x A00-711024	F5	
3	IA3024	PLtibl	A97-553017 x Pioneer YB33A99	F5	1% linolenic
4	LD02- 4485	PGbf	M90-184111 x IA3010	F5	
5	LD08-12419a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
6	LD08-12428a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
7	LD08-12430a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
8	LD08-12435a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
9	LD08-12438a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
10	LD08-12441a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
11	LD08-12442a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
12	LD08-12445a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
13	LD08-12446a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
14	LD08-3994	PGy	IA2068 x LD01-7323	F5	
15	LD08-4888	P+WGy	99540 x LD00-3296	F5	
16	LD08-5554	PGbl	99540 x LDX01-2-20	F5	
17	LD08-6982	PGibl	LD03-10487 x LD02-4485	F5	
18	U09-130017	P+WGy+gr	U01-390489 x U03-200238	F5	SCN,Rps1K
19	U09-216046	WGy	U01-390489 x U03-200238	F5	SCN,Rps1K,Dt
20	U09-232082	WGbf	U03-200238 x LD00-3309	F5	SCN,Rps1K
21	U09-310141	PGibl	U01-390489 x U03-200238	F5	SCN,Rps1K
22	U09-318102	PGy+bf	LD01-5907 x U03-200238	F5	SCN,Rps1K
23	U09-318110	PGbl+ibl	LD01-5907 x U03-200238	F5	SCN,Rps1K
24	U09-319099	PGbf	LD01-5907 x U03-200238	F5	SCN,Rps1K
25	U09-319130	PGibl	U03-200238 x LD00-3309	F5	SCN,Rps1K
26	U09-319139	PGibl	U03-200238 x LD00-3309	F5	SCN,Rps1K
27	U10-413040	PGbf	U01-390489 x LD01-5907	F5	SCN
28	U10-419036	WGy	U01-390489 x LD01-5907	F5	SCN

2011 SCN PRELIM TEST IIB

	IL SCN screen				ISU IDC	Shattering
	HG Type 0		HG Type 2.5.7		Res=1.6	Urbana
Strain	FI	rating	score	rating	Sus=2.0	score
1 IA2094	64	NR	68	NR	2.0	1
2 IA1022 (SCN)	6	HR	61	NR	2.0	5
3 IA3024	72	NR	77	NR	2.0	0
4 LD02- 4485	4	HR	69	NR	1.8	1
5 LD08-12419a	7	HR	46	LR	1.8	0
6 LD08-12428a	7	HR	60	NR	2.3	0
7 LD08-12430a	9	HR	49	LR	2.0	0
8 LD08-12435a	6	HR	64	NR	2.0	0
9 LD08-12438a	7	HR	51	LR	2.3	0
10 LD08-12441a	4	HR	54	LR	1.8	0
11 LD08-12442a	40	LR	42	LR	2.8	0
12 LD08-12445a	42	LR	62	NR	2.0	0
13 LD08-12446a	32	**	49	LR	2.0	0
14 LD08-3994	3	HR	70	NR	3.3	0
15 LD08-4888	3	HR	69	NR	1.8	0
16 LD08-5554	56	LR	53	LR	2.3	0
17 LD08-6982	14	R	65	NR	3.0	0
18 U09-130017	45	**	71	NR	1.8	0
19 U09-216046	9	HR	81	NR	3.8	0
20 U09-232082	61	NR	65	NR	1.8	0
21 U09-310141	11	R	61	NR	2.0	0
22 U09-318102	3	HR	53	LR	2.0	0
23 U09-318110	1	HR	23	R	2.8	0
24 U09-319099	1	HR	55	LR	2.3	0
25 U09-319130	15	R	*77*	*NR*	3.0	0
26 U09-319139	6	HR	68	NR	1.8	0
27 U10-413040	1	HR	51	LR	2.3	0
28 U10-419036	7	HR	70	NR	1.8	0

** rep data too variable to rate

2011 SCN PRELIM TEST IIB

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	8		2		5	7	7	5	6	4	4
1	IA2094	50.9	19	41.7	24	9/16	1.8	34	1.6	13.0	33.9	18.8
2	IA1022 (SCN)	44.1	28	39.5	26	-5	1.5	31	1.4	13.4	32.8	19.8
3	IA3024	47.9	25	41.4	25	7	1.7	34	1.8	13.9	32.9	18.7
4	LD02- 4485	55.9	4	47.0	7	1	1.8	36	1.4	12.9	32.8	18.9
5	LD08-12419a	52.4	13	47.4	4	4	1.7	36	1.4	13.9	32.0	18.6
6	LD08-12428a	56.4	2	47.3	6	2	1.6	34	1.6	13.9	32.5	18.8
7	LD08-12430a	53.6	9	49.8	1	6	1.8	35	1.4	14.1	32.0	19.1
8	LD08-12435a	56.8	1	47.5	3	5	1.7	36	1.6	13.4	32.5	19.6
9	LD08-12438a	56.0	3	43.2	19	4	1.7	34	1.4	13.0	31.6	20.2
10	LD08-12441a	54.9	7	44.8	11	3	1.6	34	1.6	12.7	32.1	19.9
11	LD08-12442a	52.8	12	43.8	17	6	1.5	33	1.8	13.0	33.1	19.0
12	LD08-12445a	51.1	18	44.2	14	5	1.6	34	1.8	13.8	32.6	19.3
13	LD08-12446a	52.9	11	43.2	19	3	1.5	32	1.6	12.8	32.8	19.2
14	LD08-3994	55.5	5	43.9	16	5	1.7	34	2.4	11.1	34.1	18.0
15	LD08-4888	52.0	15	48.9	2	8	1.4	35	1.4	14.5	34.5	18.3
16	LD08-5554	50.6	21	46.9	8	9	2.3	37	1.6	12.6	34.8	17.7
17	LD08-6982	54.3	8	47.4	4	6	2.0	38	2.0	12.8	33.1	18.3
18	U09-130017	46.3	27	45.4	10	4	1.5	38	1.4	13.1	34.2	18.4
19	U09-216046	50.3	22	42.1	23	6	1.0	26	1.8	14.1	33.6	19.1
20	U09-232082	49.6	24	43.4	18	4	1.6	38	1.8	12.1	33.6	18.4
21	U09-310141	55.5	5	44.6	12	8	1.4	36	1.8	13.7	33.9	17.9
22	U09-318102	50.8	20	46.6	9	10	1.5	35	1.6	12.9	33.6	19.0
23	U09-318110	51.3	17	42.7	22	13	1.9	38	2.0	12.0	33.1	18.2
24	U09-319099	50.2	23	34.6	28	8	1.6	35	2.0	12.1	33.3	19.0
25	U09-319130	52.3	14	37.4	27	10	1.5	35	1.8	12.6	34.2	18.8
26	U09-319139	51.4	16	44.0	15	9	1.6	36	1.6	12.4	35.8	18.0
27	U10-413040	47.7	26	44.5	13	10	2.3	40	1.6	13.3	32.6	19.1
28	U10-419036	53.0	10	42.9	21	7	2.0	40	2.4	12.9	33.6	18.1

2011 SCN PRELIM TEST IIB

Yield (bu/a)

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094	64.8	58.1	62.4	47.5	45.6	45.1	55.7	27.8	37.9	45.4
2	IA1022 (SCN)	58.6	42.7	37.4	43.1	31.5	50.1	55.0	34.2	28.8	46.1
3	IA3024	67.8	49.3	72.9	34.9	45.7	38.3	52.9	21.1	46.5	44.1
4	LD02- 4485	67.3	59.2	66.3	50.8	51.1	53.0	63.5	36.3	51.2	46.0
5	LD08-12419a	62.2	56.1	61.3	56.2	51.4	48.3	53.6	30.2	51.1	41.2
6	LD08-12428a	66.5	58.4	59.2	57.2	52.0	53.5	64.9	39.8	46.7	50.2
7	LD08-12430a	61.6	53.2	58.7	54.2	58.2	47.8	60.2	35.1	53.1	49.2
8	LD08-12435a	63.5	58.6	67.9	56.6	58.8	54.0	60.5	34.8	49.2	38.3
9	LD08-12438a	64.5	60.2	69.1	51.6	50.5	52.8	60.3	38.9	46.5	39.0
10	LD08-12441a	65.7	56.1	63.4	54.7	50.9	49.8	62.3	36.5	46.8	46.7
11	LD08-12442a	60.3	53.5	65.6	50.6	49.2	45.9	56.0	41.0	43.6	37.9
12	LD08-12445a	61.8	56.4	61.8	42.9	49.7	48.4	56.8	30.7	46.7	48.7
13	LD08-12446a	55.1	54.8	61.1	54.2	55.9	47.3	61.6	33.6	35.7	41.5
14	LD08-3994	61.4	53.0	64.8	55.2	55.1	46.7	66.5	41.5	47.8	50.7
15	LD08-4888	58.3	51.9	62.1	48.0	61.9	40.2	59.5	34.1	47.3	49.8
16	LD08-5554	57.8	47.9	62.3	52.0	47.2	44.2	58.0	35.7	42.1	48.3
17	LD08-6982	62.1	55.4	70.6	49.4	56.9	55.0	41.3	44.0	54.7	44.7
18	U09-130017	63.9	39.8	55.4	31.4	48.9	41.4	52.3	37.4	38.4	43.8
19	U09-216046	62.1	49.6	53.3	38.6	44.5	54.9	61.6	38.0	37.8	48.4
20	U09-232082	58.7	53.9	63.4	29.7	53.4	42.9	53.1	41.6	38.2	49.1
21	U09-310141	70.7	56.5	62.6	44.5	54.1	51.3	65.2	39.2	41.7	49.3
22	U09-318102	57.0	41.7	61.9	50.2	53.6	47.3	59.1	35.8	50.2	45.2
23	U09-318110	60.0	46.4	56.7	54.7	51.6	49.7	55.7	35.5	34.0	41.3
24	U09-319099	55.1	45.1	55.1	49.8	48.3	50.8	60.3	37.4	27.2	35.8
25	U09-319130	60.6	47.7	67.9	45.2	55.0	48.2	55.3	38.7	45.0	41.7
26	U09-319139	57.1	44.6	63.2	36.9	59.5	46.9	64.6	38.7	43.8	45.5
27	U10-413040	56.0	46.4	58.5	46.0	49.4	40.4	50.5	34.0	45.9	43.0
28	U10-419036	59.2	50.1	55.4	45.2	57.8	50.9	59.5	46.1	44.0	38.7
	Average	61.4	51.7	61.4	47.5	51.7	48.0	58.1	36.4	43.6	44.6
	LSD(.05)	8.1	17.3	4.2	12.5	13.8	13.6	14.1	10.5	10.7	11.3
	C.V. %	5.3	13.5	6.1	15.4	12.6	14.8	11.6	10.0	12.4	12.0
	Replications	2	2	2	2	2	2	2	3	2	2
	Row width (in.)	30	30	30	15	30	30	30	30	30	30

2011 SCN PRELIM TEST IIB

Yield (rank)

		Alburnett	Story City	Pontiac	Decatur	Auburn	Pierce	Seward	Beres-ford1	Urabna	Beres-Ford2
		IA	IA	IL	MI	NE	NE	NE	SD	IL	SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094	6	5	13	17	26	22	19	27	23	14
2	IA1022 (SCN)	21	26	28	22	28	10	22	21	27	11
3	IA3024	2	19	1	26	25	28	25	28	12	17
4	LD02- 4485	3	2	6	11	16	5	5	15	3	12
5	LD08-12419a	10	9	18	3	15	14	23	26	4	23
6	LD08-12428a	4	4	20	1	13	4	3	6	10	2
7	LD08-12430a	14	14	21	7	4	16	12	19	2	5
8	LD08-12435a	9	3	4	2	3	3	9	20	6	26
9	LD08-12438a	7	1	3	10	18	6	10	8	13	24
10	LD08-12441a	5	8	9	5	17	11	6	14	9	10
11	LD08-12442a	17	13	7	12	21	21	18	5	18	27
12	LD08-12445a	13	7	17	23	19	13	17	25	10	7
13	LD08-12446a	27	11	19	7	7	17	7	24	25	21
14	LD08-3994	15	15	8	4	8	20	1	4	7	1
15	LD08-4888	22	16	15	16	1	27	13	22	8	3
16	LD08-5554	23	20	14	9	24	23	16	17	19	9
17	LD08-6982	11	10	2	15	6	1	28	2	1	16
18	U09-130017	8	28	24	27	22	25	26	12	21	18
19	U09-216046	12	18	27	24	27	2	7	11	24	8
20	U09-232082	20	12	10	28	12	24	24	3	22	6
21	U09-310141	1	6	12	21	10	7	2	7	20	4
22	U09-318102	25	27	16	13	11	17	15	16	5	15
23	U09-318110	18	22	23	5	14	12	19	18	26	22
24	U09-319099	28	24	26	14	23	9	10	13	28	28
25	U09-319130	16	21	4	19	9	15	21	9	15	20
26	U09-319139	24	25	11	25	2	19	4	10	17	13
27	U10-413040	26	23	22	18	20	26	27	23	14	19
28	U10-419036	19	17	24	19	5	8	13	1	16	25

2011 SCN PRELIM TEST IIB

Maturity

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094		9/29	9/14		9/9		9/24		9/03	
2	IA1022 (SCN)		-1	-8		-7		-6		-5	
3	IA3024		1	10		8		4		12	
4	LD02- 4485		-2	2		0		1		4	
5	LD08-12419a		2	5		1		5		6	
6	LD08-12428a		1	1		1		1		7	
7	LD08-12430a		2	6		5		5		11	
8	LD08-12435a		2	7		5		2		8	
9	LD08-12438a		2	6		2		2		7	
10	LD08-12441a		1	6		1		1		5	
11	LD08-12442a		2	10		5		2		9	
12	LD08-12445a		2	9		4		3		9	
13	LD08-12446a		1	5		2		3		2	
14	LD08-3994		2	10		-1		4		8	
15	LD08-4888		3	10		11		4		14	
16	LD08-5554		3	12		11		5		13	
17	LD08-6982		2	8		5		5		9	
18	U09-130017		-3	8		3		6		6	
19	U09-216046		3	8		4		5		9	
20	U09-232082		0	7		5		2		8	
21	U09-310141		3	10		7		4		14	
22	U09-318102		3	17		4		9		19	
23	U09-318110		4	19		16		9		17	
24	U09-319099		4	14		3		9		12	
25	U09-319130		4	16		11		4		15	
26	U09-319139		3	17		3		7		16	
27	U10-413040		4	20		4		7		17	
28	U10-419036		2	13		7		4		11	
	Planted	5/18	5/19	5/10	5/3	5/23	5/31	6/7	6/7	5/13	6/7

2011 SCN PRELIM TEST IIB

Lodging (score)

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094	2.0	1.8	1.5	2.0				2.0	1.0	2.0
2	IA1022 (SCN)	2.0	2.0	1.5	2.0				1.0	1.0	1.0
3	IA3024	2.0	1.8	1.8	2.0				1.0	1.0	2.0
4	LD02- 4485	2.3	1.8	2.0	1.5				1.0	1.3	3.0
5	LD08-12419a	2.5	2.0	1.5	2.0				1.0	1.0	2.0
6	LD08-12428a	2.3	1.8	1.3	2.0				1.0	1.0	2.0
7	LD08-12430a	2.3	2.0	1.3	2.0				1.0	1.3	3.0
8	LD08-12435a	2.3	2.0	1.3	2.5				1.0	1.0	2.0
9	LD08-12438a	2.3	2.0	1.5	2.0				2.0	1.3	1.0
10	LD08-12441a	2.3	2.5	1.5	2.0				1.0	1.0	1.0
11	LD08-12442a	2.0	1.8	1.8	2.0				1.0	1.0	1.0
12	LD08-12445a	2.3	2.3	1.3	1.5				2.0	1.0	1.0
13	LD08-12446a	2.0	1.8	1.5	2.0				1.0	1.0	1.0
14	LD08-3994	2.3	2.0	1.8	2.5				1.0	1.0	1.0
15	LD08-4888	1.8	1.5	1.5	2.0				1.0	1.0	1.0
16	LD08-5554	3.0	3.0	2.5	3.0				2.0	1.5	1.0
17	LD08-6982	2.0	2.3	2.5	3.0				2.0	1.5	1.0
18	U09-130017	2.3	1.8	1.3	2.0				1.0	1.0	1.0
19	U09-216046	1.0	1.0	1.0	1.0				1.0	1.0	1.0
20	U09-232082	1.8	2.0	1.3	2.0				1.0	1.0	2.0
21	U09-310141	2.0	1.8	1.3	1.5				1.0	1.0	1.0
22	U09-318102	2.3	2.3	1.5	1.5				1.0	1.0	1.0
23	U09-318110	2.0	1.8	1.8	2.5				1.0	1.0	3.0
24	U09-319099	2.0	2.0	1.5	2.5				1.0	1.0	1.0
25	U09-319130	2.0	1.5	1.3	3.0				1.0	1.0	1.0
26	U09-319139	2.0	2.0	1.8	2.5				1.0	1.0	1.0
27	U10-413040	2.8	3.0	2.3	3.0				2.0	1.0	2.0
28	U10-419036	2.3	2.5	2.3	2.0				2.0	1.0	2.0

2011 SCN PRELIM TEST IIB

Height (inches)

		Alburnett	Story City	Pontiac	Decatur	Auburn	Pierce	Seward	Beres-ford1	Urabna	Beres-Ford2
		IA	IA	IL	MI	NE	NE	NE	SD	IL	SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094	36	38	32	36				30	27	42
2	IA1022 (SCN)	37	33	28	30				33	25	33
3	IA3024	38	36	35	34				30	31	34
4	LD02- 4485	38	39	38	39				30	31	37
5	LD08-12419a	39	44	34	37				35	29	37
6	LD08-12428a	39	38	32	36				30	30	35
7	LD08-12430a	39	38	33	37				32	31	36
8	LD08-12435a	35	40	33	40				32	29	40
9	LD08-12438a	37	39	36	35				32	30	30
10	LD08-12441a	36	35	33	36				29	28	39
11	LD08-12442a	35	35	32	38				28	30	36
12	LD08-12445a	36	44	34	35				28	28	36
13	LD08-12446a	34	38	33	35				28	26	30
14	LD08-3994	37	43	35	40				31	32	23
15	LD08-4888	36	40	32	38				30	31	36
16	LD08-5554	41	42	38	41				36	29	32
17	LD08-6982	41	44	40	40				36	33	32
18	U09-130017	43	40	38	41				39	33	30
19	U09-216046	28	23	25	23				30	21	34
20	U09-232082	39	46	36	38				37	30	42
21	U09-310141	39	41	36	39				31	32	37
22	U09-318102	36	41	33	39				27	33	35
23	U09-318110	38	41	36	41				33	35	40
24	U09-319099	31	39	36	40				31	29	40
25	U09-319130	36	40	37	40				31	32	32
26	U09-319139	37	39	38	42				31	34	30
27	U10-413040	42	45	39	42				35	40	35
28	U10-419036	43	43	40	40				37	33	41

2011 SCN PRELIM TEST IIB

Seed Quality (score)

		Alburnett IA	Story City IA	Pontiac IL	Decatur MI	Auburn NE	Pierce NE	Seward NE	Beres-ford1 SD	Urabna IL	Beres-Ford2 SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094		2.0	1.0					2.0	2.0	1.0
2	IA1022 (SCN)		2.0	1.0					1.0	2.0	1.0
3	IA3024		3.0	1.0					2.0	2.0	1.0
4	LD02- 4485		2.0	2.0					1.0	1.0	1.0
5	LD08-12419a		2.0	1.0					1.0	2.0	1.0
6	LD08-12428a		2.0	2.0					1.0	2.0	1.0
7	LD08-12430a		2.0	1.0					1.0	2.0	1.0
8	LD08-12435a		3.0	1.0					1.0	2.0	1.0
9	LD08-12438a		2.0	1.0					2.0	1.0	1.0
10	LD08-12441a		2.0	2.0					2.0	1.0	1.0
11	LD08-12442a		2.0	2.0					1.0	3.0	1.0
12	LD08-12445a		2.0	2.0					2.0	2.0	1.0
13	LD08-12446a		2.0	2.0					1.0	2.0	1.0
14	LD08-3994		3.0	2.0					3.0	2.0	2.0
15	LD08-4888		2.0	1.0					1.0	2.0	1.0
16	LD08-5554		2.0	1.0					2.0	2.0	1.0
17	LD08-6982		2.0	2.0					2.0	3.0	1.0
18	U09-130017		3.0	1.0					1.0	1.0	1.0
19	U09-216046		2.0	1.0					2.0	3.0	1.0
20	U09-232082		2.0	1.0					2.0	3.0	1.0
21	U09-310141		2.0	1.0					2.0	3.0	1.0
22	U09-318102		2.0	2.0					2.0	1.0	1.0
23	U09-318110		2.0	2.0					1.0	4.0	1.0
24	U09-319099		2.0	3.0					1.0	3.0	1.0
25	U09-319130		2.0	2.0					2.0	2.0	1.0
26	U09-319139		2.0	1.0					2.0	2.0	1.0
27	U10-413040		2.0	1.0					2.0	2.0	1.0
28	U10-419036		3.0	2.0					2.0	4.0	1.0

2011 SCN PRELIM TEST IIB

Seed Weight (g/100)

		Alburnett	Story City	Pontiac	Decatur	Auburn	Pierce	Seward	Beres-ford1	Urabna	Beres-Ford2
		IA	IA	IL	MI	NE	NE	NE	SD	IL	SD
	SCN HG Type	7	2.5.7	I	2.5.7	I	I	I	5.7	NI	NI
	Strain										
1	IA2094		13.1	13.9	15.0				11.3	13.0	11.9
2	IA1022 (SCN)		14.3	13.4	14.0				12.3	13.4	13.3
3	IA3024		13.9	15.9	14.1				11.8	14.0	13.7
4	LD02- 4485		13.2	13.0	13.7				12.6	12.0	12.9
5	LD08-12419a		13.4	14.3	15.8				13.2	13.2	13.6
6	LD08-12428a		13.6	14.1	15.0				13.4	13.3	13.9
7	LD08-12430a		13.2	14.7	15.9				13.7	13.7	13.6
8	LD08-12435a		13.2	14.8	16.2				12.4	12.2	11.9
9	LD08-12438a		12.2	13.7	14.8				13.2	11.9	12.5
10	LD08-12441a		11.9	13.4	14.7				11.1	12.1	12.9
11	LD08-12442a		12.5	14.3	14.5				11.6	12.7	12.4
12	LD08-12445a		13.1	14.4	15.1				13.1	13.0	14.0
13	LD08-12446a		12.6	13.3	15.0				12.2	10.6	12.9
14	LD08-3994		11.0	10.9	12.9				9.9	10.1	12.1
15	LD08-4888		14.2	14.9	16.9				13.2	13.6	14.1
16	LD08-5554		12.6	12.6	14.6				11.8	11.9	12.1
17	LD08-6982		12.0	12.9	14.9				11.9	12.0	13.2
18	U09-130017		11.3	13.8	14.2				13.4	13.1	13.0
19	U09-216046		14.7	14.8	14.5				12.6	13.0	15.1
20	U09-232082		13.2	12.4	12.6				10.9	10.9	12.5
21	U09-310141		13.6	13.6	14.5				12.6	14.1	13.9
22	U09-318102		12.2	13.0	15.6				12.1	12.2	12.4
23	U09-318110		11.1	12.2	14.4				11.0	10.5	12.7
24	U09-319099		11.3	12.5	15.0				11.9	10.0	12.0
25	U09-319130		11.9	13.0	15.4				11.8	10.4	13.4
26	U09-319139		11.8	12.6	14.7				11.9	11.5	11.7
27	U10-413040		12.4	14.2	16.3				11.1	11.9	14.1
28	U10-419036		12.1	12.9	14.3				13.2	11.4	13.3

2011 SCN PRELIM TEST IIB

Protein (%)

		Story City IA	Decatur MI	Pierce NE	Urabna IL
	SCN HG Type	2.5.7	2.5.7	I	NI
	Strain				
1	IA2094	32.9	33.9	35.4	33.4
2	IA1022 (SCN)	31.2	34.0	34.3	31.6
3	IA3024	32.8	33.7	34.7	30.5
4	LD02- 4485	31.8	33.4	34.1	32.0
5	LD08-12419a	31.2	31.8	33.7	31.2
6	LD08-12428a	31.6	34.3	32.9	31.3
7	LD08-12430a	31.5	31.5	34.6	30.4
8	LD08-12435a	32.0	33.5	33.9	30.8
9	LD08-12438a	31.3	32.5	32.9	30.0
10	LD08-12441a	32.4	31.8	34.9	29.4
11	LD08-12442a	30.8	34.4	36.0	31.1
12	LD08-12445a	32.2	34.0	34.1	30.2
13	LD08-12446a	33.0	32.9	33.7	31.7
14	LD08-3994	33.9	35.2	35.6	31.6
15	LD08-4888	35.0	34.2	36.4	32.6
16	LD08-5554	34.6	35.9	35.5	33.1
17	LD08-6982	32.7	34.6	34.7	30.5
18	U09-130017	35.5	35.4	35.8	30.2
19	U09-216046	32.2	35.2	35.2	31.7
20	U09-232082	32.0	33.1	37.5	31.9
21	U09-310141	33.7	35.2	34.7	31.9
22	U09-318102	33.3	35.4	34.7	30.9
23	U09-318110	31.9	34.2	35.8	30.6
24	U09-319099	31.9	34.7	35.6	31.2
25	U09-319130	34.4	35.0	34.5	33.0
26	U09-319139	35.4	38.3	36.9	32.7
27	U10-413040	31.9	33.8	34.2	30.6
28	U10-419036	31.8	35.4	36.0	31.1

2011 SCN PRELIM TEST IIB

Oil (%)

		Story City	Decatur	Pierce	Urabna
		IA	MI	NE	IL
	SCN HG Type	2.5.7	2.5.7	I	NI
	Strain				
1	IA2094	19.2	19.1	17.3	19.7
2	IA1022 (SCN)	20.2	19.1	18.9	21.1
3	IA3024	17.6	19.2	16.4	21.5
4	LD02- 4485	18.8	19.1	17.8	20.0
5	LD08-12419a	18.0	19.9	17.1	19.5
6	LD08-12428a	18.7	18.4	17.8	20.2
7	LD08-12430a	18.3	20.4	17.4	20.2
8	LD08-12435a	19.2	20.4	17.9	20.7
9	LD08-12438a	19.1	21.3	18.9	21.6
10	LD08-12441a	19.1	21.2	17.8	21.6
11	LD08-12442a	18.8	19.6	17.3	20.4
12	LD08-12445a	18.9	20.2	17.6	20.6
13	LD08-12446a	18.6	20.5	18.1	19.8
14	LD08-3994	17.7	18.7	16.5	19.3
15	LD08-4888	17.6	19.0	16.2	20.4
16	LD08-5554	17.3	18.0	16.8	18.5
17	LD08-6982	18.3	18.4	16.8	19.8
18	U09-130017	17.7	18.6	17.0	20.5
19	U09-216046	19.7	18.7	17.6	20.3
20	U09-232082	18.8	19.3	15.9	19.6
21	U09-310141	17.5	18.0	16.7	19.6
22	U09-318102	18.1	19.7	17.2	20.9
23	U09-318110	17.5	18.6	16.0	20.7
24	U09-319099	18.8	18.6	18.2	20.2
25	U09-319130	18.0	19.2	17.5	20.5
26	U09-319139	17.8	17.3	16.4	20.5
27	U10-413040	18.8	19.5	17.3	20.9
28	U10-419036	17.8	18.7	16.4	19.6

2011 SCN UNIFORM TEST III

	Strain	Descriptive code	Parentage
1	IA3023	WLtbl	Dairyland DSR-365 x Pioneer P9381
2	IA3024	PGibl	A97-553017 x Pioneer YB33A99
3	IA3048	WGy	Dairyland 99540 x IA2068
4	IA4005	WLtbl+bf	IA3023 x IA3025
5	AR09-391017	PT+Gbf+br	Syngenta SJ833009 x AR03-161013
6	LD07-3419	WGbf	WW115926 x LD00-2817
7	LD07-4477	PLtbl	IA3023 x LD00-3309
8	LD07-4530	WLtbl	IA3023 x LD00-3309
9	LS07-2014	PGbf	SS98-7851 x Maverick
10	SS05-5096	PGy	SS95-15348 x IA2040
11	SS06-5510	WTbl	CR03-540 x IA3017

	Strain	Previous testing	Gen. Comp.	Traits
1	IA3023	9	F5	
2	IA3024	4	F5	1% linolenic
3	IA3048	1	F4	
4	IA4005	New	F4	1% linolenic
5	AR09-391017	10SCN P III	F5	
6	LD07-3419	10SCN P III	F5	
7	LD07-4477	10SCN P III	F5	
8	LD07-4530	10SCN P III	F5	
9	LS07-2014	10SCN P III	F5	
10	SS05-5096	10SCN P III	F5	
11	SS06-5510	10SCN P III	F5	low lin

2011 SCN UNIFORM TEST III

		IL SCN screen				ISU IDC	SIU SDS
		HG Type 0		HG Type 2.5.7		Res=1.6	
	Strain	FI	rating	FI	rating	Sus=2.0	DX
1	IA3023	43	LR	*75*	*NR*	2.3	
2	IA3024	72	NR	77	NR	2.0	
3	IA3048	3	HR	*77*	*NR*	2.0	
4	IA4005	57	LR	71	NR	2.0	No
5	AR09-391017	6	HR	*70*	**	2.0	Data
6	LD07-3419	1	HR	*4*	*HR*	2.3	
7	LD07-4477	14	R	63	NR	2.5	
8	LD07-4530	13	R	67	NR	2.0	
9	LS07-2014	8	HR	*96*	*NR*	2.3	
10	SS05-5096	10	R	60	NR	2.0	
11	SS06-5510	9	HR	65	NR	2.0	

** rep data too variable to rate

2011 SCN UNIFORM TEST III

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	14		6		15	15	16	13	14	10	10
1	IA3023	47.6	8	58.9	2	9/24	1.4	32	1.7	14.0	32.1	19.2
2	IA3024	46.9	9	56.5	5	-2	1.5	32	1.9	14.6	33.5	18.5
3	IA3048	50.4	4	55.5	6	1	1.5	32	2.0	13.5	33.5	18.6
4	IA4005	49.5	6	63.7	1	7	1.2	31	1.8	12.9	32.9	18.8
5	AR09-391017	48.7	7	53.4	8	-2	2.6	33	2.0	12.3	33.4	19.1
6	LD07-3419	53.4	1	57.3	3	5	1.4	31	1.7	14.0	30.5	19.6
7	LD07-4477	51.8	2	57.3	3	1	1.3	33	1.5	14.1	32.8	19.0
8	LD07-4530	51.3	3	54.5	7	1	1.5	34	2.1	13.9	33.2	18.6
9	LS07-2014	49.8	5	52.9	11	5	2.1	36	1.8	15.1	33.2	18.9
10	SS05-5096	46.5	10	53.2	10	2	1.7	33	2.9	18.5	33.1	18.6
11	SS06-5510	46.3	11	53.3	9	6	1.4	32	1.9	13.8	34.0	18.0

2 Year Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	27		12		30	33	32	29	31	21	21
1	IA3023	53.3	2	54.8	1	9/21	1.4	33	1.6	13.5	32.5	19.2
2	IA3024	51.7	3	51.5	3	-2	1.4	32	1.9	14.0	32.6	18.9
3	IA4004	55.7	1	53.3	2	2	1.5	33	1.8	13.0	33.3	18.6

2011 SCN UNIFORM TEST III

Yield (bu/a)

		Leighton	Muscatine	Arthur	Belleville	Dowell	West Lafayette	Ashland	Clarkton	Columbia	Novelty
		IA	IA	IL	IL	IL	IN	KS	MO	MO	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain										
1	IA3023	55.0	38.7	63.2	63.2	57.9	44.1	59.2	15.6	52.6	42.4
2	IA3024	50.9	38.5	64.6	66.5	57.7	46.2	62.9	9.3	38.4	44.0
3	IA3048	66.8	57.3	60.2	68.7	51.2	48.3	58.8	16.2	53.5	42.1
4	IA4005	59.9	40.1	68.9	70.7	59.9	45.0	65.3	18.5	60.3	39.4
5	AR09-391017	64.1	50.1	63.6	63.6	55.8	38.4	53.2	17.0	53.9	45.6
6	LD07-3419	69.8	62.7	71.5	81.9	62.0	49.3	56.2	11.7	54.9	44.8
7	LD07-4477	70.4	53.1	69.4	69.7	52.1	50.1	55.1	18.8	56.2	43.0
8	LD07-4530	69.2	53.5	62.9	70.3	60.4	46.3	58.3	13.1	51.7	43.7
9	LS07-2014	63.7	53.3	55.1	65.2	59.7	40.9	58.6	21.8	55.2	51.8
10	SS05-5096	65.1	55.9	62.1	65.9	56.0	37.9	54.2	16.0	40.1	42.3
11	SS06-5510	56.4	51.8	63.7	68.7	49.5	41.3	47.0	18.7	48.7	41.2
	Average	62.8	50.4	64.1	68.6	56.6	44.3	57.2	16.1	51.4	43.7
	LSD(.05)	13.3	10.8	12.7	10.1	10.9	6.7	11.0	7.2	6.7	5.8
	C.V. %	7.7	7.8	8.9	8.7	11.3	8.8	11.2	21.8	9.0	9.1
	Replications	2	2	2	3	3	3	3	3	3	3
	Row width (in.)	30	30	30	30	30	30	30	30	30	30

Yield (rank)

		Leighton	Muscatine	Arthur	Belleville	Dowell	West Lafayette	Ashland	Clarkton	Columbia	Novelty
		IA	IA	IL	IL	IL	IN	KS	MO	MO	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain										
1	IA3023	10	10	7	11	5	7	3	8	7	7
2	IA3024	11	11	4	7	6	5	2	11	11	4
3	IA3048	4	2	10	5	10	3	4	6	6	9
4	IA4005	8	9	3	2	3	6	1	4	1	11
5	AR09-391017	6	8	6	10	8	10	10	5	5	2
6	LD07-3419	2	1	1	1	1	2	7	10	4	3
7	LD07-4477	1	6	2	4	9	1	8	2	2	6
8	LD07-4530	3	4	8	3	2	4	6	9	8	5
9	LS07-2014	7	5	11	9	4	9	5	1	3	1
10	SS05-5096	5	3	9	8	7	11	9	7	10	8
11	SS06-5510	9	7	5	5	11	8	11	3	9	10

2011 SCN UNIFORM TEST III

Yield (bu/a)

		Auburn	Pierce	Seward	Grand Junction	Harrisburg	Urbana	Ottawa	Portage-ville	Hoytville	Plain City
		NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	SCN HG Type	I	I	I	I	NI	NI	NI	NI	NI	NI
	Strain										
1	IA3023	60.5	34.1	63.1	16.1	64	49.5	20.2	62.0	98.7	58.7
2	IA3024	64.2	36.0	60.4	17.1	56.5	47.5	16.6	59.9	97.4	60.9
3	IA3048	61.8	47.8	54.5	17.7	54.1	60.2	23.1	55.4	88.2	51.9
4	IA4005	56.1	35.5	60.7	13.2	68.6	54.5	21.5	71.8	102.5	63.6
5	AR09-391017	63.0	46.8	52.2	14.5	61.2	53.3	15.7	57.9	79.0	53.4
6	LD07-3419	56.6	44.4	62.8	19.8	57.3	49.2	22.3	60.0	97.2	58.0
7	LD07-4477	67.0	41.0	63.5	15.3	62.6	50.9	19.4	63.5	84.6	62.7
8	LD07-4530	61.2	44.9	65.4	16.9	58.8	51.5	16.9	64.7	85.7	49.1
9	LS07-2014	53.5	43.6	55.0	19.8	53.6	52.2	19.8	61.9	86.9	43.3
10	SS05-5096	48.7	39.9	50.9	16.1	56.1	48.6	21.0	56.6	85.6	51.4
11	SS06-5510	49.8	37.7	55.6	18.0	54.1	48.8	19.0	64.8	80.9	52.4
	Average	58.4	41.1	58.6	16.8	58.8	51.5	19.6	61.7	89.7	55.0
	LSD(.05)	12.3	6.7	10.7	2.2	9.8	12.7	2.2	6.4	8.2	7.3
	C.V. %	9.4	7.3	8.3	19.3	9.8	11.1	6.4	5.0	5.4	7.5
	Replications	2	2	2	4	3	2	3	3	3	3
	Row width (in.)	30	30	30	30	30	30	30	30	15	15

Yield (rank)

		Auburn	Pierce	Seward	Grand Junction	Harrisburg	Urbana	Ottawa	Portage-ville	Hoytville	Plain City
		NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	SCN HG Type	I	I	I	I	NI	NI	NI	NI	NI	NI
	Strain										
1	IA3023	6	11	3	7	2	7	5	5	2	4
2	IA3024	2	9	6	5	7	11	10	8	3	3
3	IA3048	4	1	9	4	10	1	1	11	5	8
4	IA4005	8	10	5	11	1	2	3	1	1	1
5	AR09-391017	3	2	10	10	4	3	11	9	11	6
6	LD07-3419	7	4	4	1	6	8	2	7	4	5
7	LD07-4477	1	6	2	9	3	6	7	4	9	2
8	LD07-4530	5	3	1	6	5	5	9	3	7	10
9	LS07-2014	9	5	8	1	11	4	6	6	6	11
10	SS05-5096	11	7	11	7	8	10	4	10	8	9
11	SS06-5510	10	8	7	3	9	9	8	2	10	7

2011 SCN UNIFORM TEST III

Maturity

		Leighton	Muscatine	Arthur	Belleville	Dowell	West Lafayette	Ashland	Clarkton	Columbia	Novelty
		IA	IA	IL	IL	IL	IN	KS	MO	MO	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain										
1	IA3023		10/1	9/12	10/2	9/22	10/3		9/6	9/28	
2	IA3024		-1	0	0	-1	-3		-1	0	
3	IA3048		2	6	3	2	1		2	7	
4	IA4005		5	14	9	10	5		5	9	
5	AR09-391017		-4	0	1	-6	-2		4	2	
6	LD07-3419		5	13	6	7	4		2	8	
7	LD07-4477		1	3	3	0	2		-1	5	
8	LD07-4530		1	2	2	0	3		-1	3	
9	LS07-2014		5	10	5	7	0		2	9	
10	SS05-5096		1	2	3	3	0		-3	8	
11	SS06-5510		4	16	8	7	3		5	8	
	Planted	5/4	5/12	5/12	6/8	6/2	5/17	6/1	5/5	5/23	5/16

Lodging (score)

		Leighton	Muscatine	Arthur	Belleville	Dowell	West Lafayette	Ashland	Clarkton	Columbia	Novelty
		IA	IA	IL	IL	IL	IN	KS	MO	MO	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain										
1	IA3023	1.5	1.5	1.3	1.7	1.3	1.0	2.0	1.0	1.0	
2	IA3024	1.3	1.5	1.3	2.3	2.0	1.0	1.7	1.0	1.0	
3	IA3048	1.3	1.5	1.8	2.3	1.7	1.0	1.3	1.0	1.0	
4	IA4005	1.3	1.3	1.5	1.0	1.0	1.0	1.7	1.0	1.0	
5	AR09-391017	2.0	1.8	2.5	3.3	2.3	1.0	2.0	3.0	5.0	
6	LD07-3419	1.5	1.5	1.5	2.3	1.0	1.0	1.7	1.0	1.0	
7	LD07-4477	1.5	1.5	1.5	1.7	1.0	1.0	1.3	1.0	1.0	
8	LD07-4530	1.8	1.5	1.8	1.7	1.3	1.0	1.3	1.0	2.0	
9	LS07-2014	1.8	1.5	2.3	2.7	2.3	1.2	1.7	1.0	4.0	
10	SS05-5096	1.5	1.5	1.8	2.7	1.7	1.2	2.0	1.0	2.0	
11	SS06-5510	1.5	1.5	1.5	2.0	1.0	1.0	1.7	1.0	1.0	

2011 SCN UNIFORM TEST III

Maturity

		Auburn	Pierce	Seward	Grand Junction	Harrisburg	Urbana	Ottawa	Portage-ville	Hoytville	Plain City
		NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	SCN HG Type	I	I	I	I	NI	NI	NI	NI	NI	NI
	Strain										
1	IA3023	9/27		10/2	9/6	9/19	9/17		9/23	10/11	9/26
2	IA3024	-2		-3	0	-2	-2		-2	-3	-6
3	IA3048	-1		-3	0	0	5		2	-3	-1
4	IA4005	5		1	1	11	9		8	3	8
5	AR09-391017	-2		-2	0	-4	-4		-4	-3	-2
6	LD07-3419	1		3	2	5	9		5	1	4
7	LD07-4477	2		2	0	1	2		-2	-1	1
8	LD07-4530	0		-2	2	-1	1		-1	-1	0
9	LS07-2014	2		3	4	4	9		8	0	0
10	SS05-5096	2		3	1	3	1		0	1	-2
11	SS06-5510	4		1	5	7	12		11	1	4
	Planted	5/23	5/31	6/7	5/19	5/31	5/13	6/7	5/31	6/6	5/12

Lodging (score)

		Auburn	Pierce	Seward	Grand Junction	Harrisburg	Urbana	Ottawa	Portage-ville	Hoytville	Plain City
		NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	SCN HG Type	I	I	I	I	NI	NI	NI	NI	NI	NI
	Strain										
1	IA3023					1.0	1.3	1.0	2.0	2.0	1.4
2	IA3024					1.7	1.0	1.0	2.0	2.0	1.1
3	IA3048					1.3	1.5	1.0	2.0	2.0	1.6
4	IA4005					1.0	1.3	1.0	1.0	2.0	1.0
5	AR09-391017					2.7	2.3	1.0	4.0	3.3	2.9
6	LD07-3419					1.0	1.3	1.0	2.0	2.0	1.1
7	LD07-4477					1.0	1.0	1.0	2.0	2.0	1.7
8	LD07-4530					1.0	1.5	1.0	2.0	2.3	1.3
9	LS07-2014					2.0	1.5	1.0	4.0	2.7	2.5
10	SS05-5096					1.0	1.5	1.3	2.0	2.3	1.4
11	SS06-5510					1.3	1.5	1.0	2.0	2.0	1.3

2011 SCN UNIFORM TEST III

Height (inches)

		Leighton	Muscatine	Arthur	Belleville	Dowell	West Lafayette	Ashland	Clarkton	Columbia	Novelty
		IA	IA	IL	IL	IL	IN	KS	MO	MO	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain										
1	IA3023	32	29	38	33	34	32	41	25	32	
2	IA3024	30	28	36	37	35	31	43	21	31	
3	IA3048	35	30	37	35	32	33	45	17	30	
4	IA4005	28	26	36	33	32	30	43	20	31	
5	AR09-391017	38	35	34	36	33	34	42	27	31	
6	LD07-3419	34	31	39	34	33	31	41	22	31	
7	LD07-4477	34	30	38	33	34	33	43	25	31	
8	LD07-4530	41	34	38	37	36	35	43	22	33	
9	LS07-2014	35	37	42	42	39	36	43	22	36	
10	SS05-5096	30	34	37	39	32	32	45	18	32	
11	SS06-5510	33	31	39	35	31	31	40	21	30	

Seed Quality (score)

		Leighton	Muscatine	Arthur	Belleville	Dowell	West Lafayette	Ashland	Clarkton	Columbia	Novelty
		IA	IA	IL	IL	IL	IN	KS	MO	MO	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain										
1	IA3023		1.0	1.0	1.0	2.0	2.5	2.0	3.0		
2	IA3024		2.0	2.0	1.0	1.0	2.5	3.0	3.0		
3	IA3048		2.0	1.0	1.0	1.0	2.5	3.0	4.0		
4	IA4005		2.0	1.0	1.0	2.0	2.5	2.0	4.0		
5	AR09-391017		2.0	1.0	1.0	1.0	2.5	3.0	3.0		
6	LD07-3419		2.0	1.0	1.0	1.0	2.0	2.0	2.0		
7	LD07-4477		1.0	1.0	1.0	2.0	2.0	2.0	2.0		
8	LD07-4530		2.0	2.0	1.0	2.0	2.5	3.0	3.0		
9	LS07-2014		3.0	1.0	2.0	1.0	2.5	2.0	2.0		
10	SS05-5096		4.0	2.0	3.0	3.0	2.0	4.0	3.0		
11	SS06-5510		3.0	1.0	1.0	1.0	2.5	2.0	2.0		

2011 SCN UNIFORM TEST III

Height (inches)

		Auburn	Pierce	Seward	Grand Junction	Harrisburg	Urbana	Ottawa	Portage-ville	Hoytville	Plain City
		NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	SCN HG Type	I	I	I	I	NI	NI	NI	NI	NI	NI
	Strain										
1	IA3023				25	34	34	21	33	37	29
2	IA3024				25	36	30	23	32	37	30
3	IA3048				26	35	35	24	34	37	32
4	IA4005				24	37	32	23	34	37	30
5	AR09-391017				25	39	35	21	32	41	30
6	LD07-3419				25	34	33	19	31	36	29
7	LD07-4477				26	37	35	23	33	36	34
8	LD07-4530				25	37	39	21	32	38	32
9	LS07-2014				29	40	41	25	34	43	33
10	SS05-5096				25	35	35	25	29	41	33
11	SS06-5510				27	36	35	24	36	42	29

Seed Quality (score)

		Auburn	Pierce	Seward	Grand Junction	Harrisburg	Urbana	Ottawa	Portage-ville	Hoytville	Plain City
		NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	SCN HG Type	I	I	I	I	NI	NI	NI	NI	NI	NI
	Strain										
1	IA3023					1.0	1.0	1.0	3.0	1.0	2.0
2	IA3024					1.0	1.0	2.0	3.0	1.0	2.7
3	IA3048					2.0	2.0	1.0	3.0	1.0	2.7
4	IA4005					1.0	1.0	2.0	2.0	1.0	2.0
5	AR09-391017					2.0	1.0	1.0	4.0	2.0	2.7
6	LD07-3419					2.0	1.0	1.0	4.0	1.0	2.0
7	LD07-4477					1.0	1.0	1.0	2.0	1.0	2.0
8	LD07-4530					2.0	2.0	1.0	4.0	1.0	2.3
9	LS07-2014					2.0	2.0	1.0	2.0	1.0	2.0
10	SS05-5096					4.0	3.0	2.0	4.0	1.0	3.0
11	SS06-5510					2.0	2.0	1.0	4.0	1.0	2.3

2011 SCN UNIFORM TEST III

Seed Weight (g/100)

		Leighton	Muscatine	Arthur	Belleville	Dowell	West Lafayette	Ashland	Clarkton	Columbia	Novelty
		IA	IA	IL	IL	IL	IN	KS	MO	MO	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain										
1	IA3023		13.7	13.2	13.5	11.7	14.8	14.4	15.9		
2	IA3024		16.1	13.9	14.6	12.0	14.2	15.4	16.8		
3	IA3048		14.6	12.0	13.7	10.0	14.6	13.7	13.8		
4	IA4005		13.1	11.1	13.7	11.1	13.0	15.4	13.9		
5	AR09-391017		12.5	11.4	12.3	9.7	12.5	14.4	13.6		
6	LD07-3419		14.5	12.3	14.6	11.3	13.7	14.2	15.6		
7	LD07-4477		14.8	13.4	14.5	11.3	15.4	14.4	14.6		
8	LD07-4530		14.3	12.1	14.2	11.9	14.7	15.4	15.1		
9	LS07-2014		15.6	12.5	15.0	13.1	14.6	17.1	16.9		
10	SS05-5096		19.7	18.0	19.5	16.3	20.7	21.1	20.7		
11	SS06-5510		13.2	12.4	14.1	10.8	12.6	15.5	16.2		

Protein (%)

		Muscatine	Arthur	Belleville	West Lafayette	Ashland	Pierce	Urbana	Portage-ville	Hoytville	Plain City
		IA	IL	IL	IN	KS	NE	IL	MO	OH	OH
	SCN HG Type	2.7	I	1.2.5.7	2.5.7	2.5.7	I	NI	NI	NI	NI
	Strain										
1	IA3023	28.6	30.1	32.2	33.5	32.4	35.0	31.8	30.7	32.9	34.1
2	IA3024	33.5	30.5	34.7	33.5	32.4	36.1	32.0	32.2	35.6	34.4
3	IA3048	31.6	30.9	31.9	35.5	32.8	35.9	33.8	33.2	35.0	34.5
4	IA4005	29.7	30.2	32.4	34.1	33.4	36.6	31.3	33.0	33.3	34.8
5	AR09-391017	31.6	31.4	31.8	35.2	33.8	36.3	32.7	35.0	32.4	34.1
6	LD07-3419	26.9	27.7	32.9	32.4	30.6	33.8	29.8	29.9	29.6	31.1
7	LD07-4477	29.8	30.3	30.4	33.4	33.2	35.2	31.8	34.7	34.1	35.1
8	LD07-4530	30.9	30.2	32.6	35.6	33.5	35.5	31.0	33.6	33.7	35.6
9	LS07-2014	30.6	30.3	32.7	34.7	33.0	36.6	31.8	33.4	35.0	34.0
10	SS05-5096	29.0	31.5	33.3	33.8	33.1	35.5	31.2	33.8	34.8	34.7
11	SS06-5510	30.1	31.5	32.2	34.9	34.1	37.8	34.2	36.4	35.1	33.9

2011 SCN UNIFORM TEST III

Seed Weight (g/100)

		Auburn	Pierce	Seward	Grand Junction	Harrisburg	Urbana	Ottawa	Portage-ville	Hoytville	Plain City
		NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	SCN HG Type	I	I	I	I	NI	NI	NI	NI	NI	NI
	Strain										
1	IA3023				16.1	12.6	12.3	13.9	10.6	17.3	15.7
2	IA3024				17.1	12.9	13.4	14.2	11.8	17.0	15.2
3	IA3048				17.7	11.2	12.5	12.9	13.2	15.6	12.9
4	IA4005				13.2	12.3	11.6	12.6	10.3	15.5	13.9
5	AR09-391017				14.5	10.7	10.2	11.8	10.4	14.3	13.4
6	LD07-3419				19.8	12.2	12.7	13.3	11.4	16.2	14.8
7	LD07-4477				15.3	12.4	13.4	13.3	12.3	17.4	15.2
8	LD07-4530				16.9	12.0	12.5	13.2	10.7	16.9	14.3
9	LS07-2014				19.8	12.6	13.3	14.4	13.7	17.1	15.1
10	SS05-5096				16.1	17.6	17.1	15.6	14.4	23.3	19.2
11	SS06-5510				18.0	11.7	13.1	12.7	12.8	15.2	14.5

Oil (%)

		Muscatine	Arthur	Belleville	West Lafayette	Ashland	Pierce	Urbana	Portage-ville	Hoytville	Plain City
		IA	IL	IL	IN	KS	NE	IL	MO	OH	OH
	SCN HG Type	2.7	I	1.2.5.7	2.5.7	2.5.7	I	NI	NI	NI	NI
	Strain										
1	IA3023	20.9	19.9	19.0	19.1	19.6	16.6	19.8	21.1	18.9	17.3
2	IA3024	19.2	20.7	15.4	18.7	19.0	15.7	20.6	20.5	17.2	18.1
3	IA3048	18.5	20.9	19.7	18.2	18.5	16.0	18.9	20.8	17.2	17.3
4	IA4005	19.9	20.1	19.5	18.1	18.2	15.7	19.7	20.2	18.6	17.7
5	AR09-391017	20.2	20.2	20.3	18.4	19.0	16.6	19.8	19.5	18.9	18.1
6	LD07-3419	19.9	21.2	19.6	19.3	19.5	17.6	20.2	21.5	18.7	19.0
7	LD07-4477	20.3	20.5	19.4	19.4	19.0	16.9	19.9	20.1	18.4	16.6
8	LD07-4530	18.7	20.7	19.6	18.0	18.1	16.3	20.4	18.8	17.9	17.6
9	LS07-2014	18.6	21.1	19.1	18.5	18.8	15.9	20.3	21.2	17.6	18.6
10	SS05-5096	19.5	19.7	19.3	18.2	18.2	16.4	19.8	19.8	17.4	17.3
11	SS06-5510	19.2	19.9	19.2	17.6	17.8	14.9	18.8	19.3	16.6	16.9

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2011 SCN PRELIM TEST IIIA

	Strain	Descriptive code	Parentage	Gen. Comp.	Traits
1	IA3023	WLtbl	Dairyland DSR-365 x Pioneer P9381	F5	
2	IA3024	PGibl	A97-553017 x Pioneer YB33A99	F5	1% linolenic
3	IA3048	WGy	Dairyland 99540 x IA2068	F4	
4	IA4005	WLtbl+bf	IA3023 x IA3025	F4	1% linolenic
5	AR10-305003	WTbl	SS02-11958 x AR03-263051	F4	PI 438489B SCN Res
6	AR10-305052	WTbl	SS02-12014 x Golden Harvest x 33802	F3	PI 438489B SCN Res
7	AR10-305055	P+WTbr	AR03-263051 x Golden Harvest 24040	F4	
8	AR10-305092	PGbf+ibl	AR06-365063 x AR05-150034	F3	
9	AR10-305093	PTbl	Soygenetics F-35170C x AR03-261024	F3	
10	AR10-305104	PGibl	Golden Harvest X-33686 x AR06-165042	F3	
11	AR10-305107	P+WGbf+ibl	Golden Harvest x-33686 x AR06-165058	F3	
12	AR10-305114	P+WTbl	Golden Harvest X-33686 x AR06-165086	F3	
13	AR10-305127	PTbl	Golden Harvest X-33686 x AR06-165086	F3	
14	AR10-305177	PT+Gbl+br	AR06-165089 x AR1	F3	
15	AR10-305188	PT+Gbf+br	AR05-250002 x Syngenta 05KE307696	F3	
16	AR10-305190	WT+Gbl+bf	AR05-150100 x SS02-11958	F3	
17	AR10-305198	PTbl	SS02-11958 x AR05-150119	F4	PI 438489B SCN Res
18	AR10-305205	WTbl	SS02-11958 x AR05-150129	F4	PI 438489B SCN Res
19	LS08-3430	PLTbl	LS01-1987 x LS00-2137	F6	
20	LS08-3817	WTbl	LS93-0375 x LS01-1804	F6	
21	LS08-3849	PTbl	LS93-0375 x LS01-1804	F6	
22	LS08-5828	PGibl	LS93-0375 x LS98-0582	F6	
23	U09-228060	PGbf+ibl	LD01-5907 x U03-200238	F5	SCN,Rps1K
24	U09-231035	PTbl	U03-200238 x LD00-3309	F5	SCN,Rps1K
25	U09-231043	PTbl	U03-200238 x LD00-3309	F5	SCN,Rps1K
26	U09-318122	PGbf	LD01-5907 x U03-200238	F5	SCN,Rps1K

2011 SCN PRELIM TEST IIIA

		IL SCN screen				ISU IDC
		HG Type 0		HG Type 2.5.7		Res=1.6 Sus=2.0
	Strain	FI	rating	FI	rating	score
1	IA3023	43	LR	*75*	*NR*	2.3
2	IA3024	72	NR	77	NR	2.0
3	IA3048	3	HR	*77*	*NR*	2.0
4	IA4005	57	LR	71	NR	2.0
5	AR10-305003	27	**	62	NR	1.8
6	AR10-305052	12	R	46	LR	1.3
7	AR10-305055	8	HR	56	LR	2.3
8	AR10-305092	8	HR	65	NR	2.3
9	AR10-305093	5	HR	51	LR	2.0
10	AR10-305104	19	R	44	LR	2.0
11	AR10-305107	3	HR	58	LR	2.0
12	AR10-305114	3	HR	55	LR	2.3
13	AR10-305127	7	HR	*81*	*NR*	1.8
14	AR10-305177	4	HR	66	LR	2.8
15	AR10-305188	4	HR	45	LR	2.5
16	AR10-305190	19	R	78	NR	2.0
17	AR10-305198	2	HR	*53*	*LR*	1.8
18	AR10-305205	16	R	*65*	*NR*	2.0
19	LS08-3430	11	R	78	NR	.**
20	LS08-3817	1	HR	51	LR	2.0
21	LS08-3849	3	HR	44	LR	2.0
22	LS08-5828	55	LR	60	NR	2.0
23	U09-228060	2	HR	62	NR	2.0
24	U09-231035	4	HR	59	LR	2.0
25	U09-231043	2	HR	*44*	*LR*	1.3
26	U09-318122	3	HR	53	LR	2.0

**too variable to rate

2011 SCN PRELIM TEST IIIA

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Location	11		3		9	10	10	8	8	5	5
1	IA3023	56.3	13	44.6	3	9/25	1.2	32	1.5	13.2	31.9	19.7
2	IA3024	51.8	25	38.2	19	-2	1.2	32	1.8	13.7	33.2	18.9
3	IA3048	59.0	4	43.5	5	1	1.7	35	1.6	12.8	33.3	18.7
4	IA4005	58.2	9	44.4	4	7	1.1	32	1.8	12.9	33.9	18.4
5	AR10-305003	61.4	1	45.8	1	5	1.1	33	1.8	13.3	35.6	18.3
6	AR10-305052	56.4	11	45.8	1	3	1.9	34	1.6	12.8	33.0	19.3
7	AR10-305055	58.3	8	43.1	6	5	1.7	39	1.6	14.7	32.7	18.4
8	AR10-305092	56.0	15	35.3	23	-4	1.9	40	1.8	12.1	32.0	19.7
9	AR10-305093	56.4	11	40.3	9	2	1.4	37	1.5	14.6	34.2	18.7
10	AR10-305104	53.6	21	32.9	25	-6	1.1	29	2.5	13.9	33.1	19.5
11	AR10-305107	59.3	3	40.7	8	-3	1.4	36	1.8	14.7	32.5	19.4
12	AR10-305114	58.6	6	38.8	16	-2	1.4	36	1.6	13.7	35.0	19.0
13	AR10-305127	59.5	2	41.4	7	0	1.3	33	1.9	16.1	34.7	19.2
14	AR10-305177	54.9	17	35.6	21	0	2.1	39	2.0	12.9	34.0	18.9
15	AR10-305188	53.4	22	30.2	26	-7	1.5	36	2.5	14.3	33.2	18.6
16	AR10-305190	58.5	7	38.4	17	3	1.5	38	1.8	13.7	34.7	18.4
17	AR10-305198	56.9	10	33.5	24	-3	1.6	36	1.9	14.2	35.2	18.6
18	AR10-305205	54.5	18	39.5	12	3	1.3	32	1.5	13.8	33.5	19.0
19	LS08-3430	52.9	23	39.6	11	3	1.2	33	1.9	14.8	35.0	17.8
20	LS08-3817	52.5	24	35.6	21	4	1.2	36	1.6	12.4	33.7	18.5
21	LS08-3849	54.4	19	38.9	15	2	1.4	37	1.8	13.4	33.6	18.7
22	LS08-5828	48.2	26	39.5	12	4	1.2	34	1.6	13.5	33.3	18.1
23	U09-228060	54.2	20	37.6	20	2	1.4	35	2.3	12.6	32.0	19.3
24	U09-231035	56.3	13	40.1	10	1	2.0	38	1.5	12.2	33.7	19.4
25	U09-231043	58.7	5	39.0	14	1	1.5	38	1.5	10.7	32.9	19.2
26	U09-318122	55.2	16	38.3	18	2	1.7	36	2.6	12.5	31.0	19.9

2011 SCN PRELIM TEST IIIA

Yield (bu/a)

		Leighton IA	Muscatine IA	Arthur IL	Belleville IL	Dowell IL	Ashland KS	Columbia MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023	54.5	42.5	66.0	63.4	62.7	59.4	44.6
2	IA3024	48.7	37.1	64.6	63.4	64.3	61.6	47.4
3	IA3048	65.5	65.4	67.2	72.1	61.9	60.0	54.8
4	IA4005	56.6	46.7	77.2	71.2	68.3	65.9	44.9
5	AR10-305003	70.9	61.2	77.6	69.7	71.3	62.1	58.8
6	AR10-305052	65.8	56.7	66.4	67.3	55.2	61.3	47.3
7	AR10-305055	67.7	67.6	59.8	69.2	66.9	62.4	51.2
8	AR10-305092	61.5	70.6	57.6	60.5	51.0	69.3	40.6
9	AR10-305093	63.8	61.5	66.0	71.2	60.2	40.3	55.7
10	AR10-305104	57.7	52.6	56.2	59.5	62.4	53.2	39.9
11	AR10-305107	65.1	64.2	62.2	69.2	60.5	62.1	57.0
12	AR10-305114	66.2	53.4	60.8	70.2	64.0	63.4	47.8
13	AR10-305127	70.2	62.8	69.4	71.2	64.1	64.1	48.9
14	AR10-305177	62.3	55.7	56.4	67.8	56.6	57.4	50.8
15	AR10-305188	57.6	62.1	58.0	57.1	49.7	52.5	42.8
16	AR10-305190	65.3	64.9	61.8	67.8	63.6	63.4	48.8
17	AR10-305198	66.5	55.6	62.3	65.4	54.7	61.8	43.1
18	AR10-305205	64.4	58.5	62.5	64.9	57.3	55.9	41.8
19	LS08-3430	58.4	38.1	69.5	63.4	62.5	59.2	40.0
20	LS08-3817	56.0	49.2	58.0	64.4	64.5	54.5	42.4
21	LS08-3849	63.4	56.1	62.6	64.9	54.7	58.9	43.8
22	LS08-5828	56.5	45.3	58.7	60.1	42.5	60.3	39.2
23	U09-228060	59.5	56.4	54.2	63.0	59.9	65.6	49.5
24	U09-231035	67.1	57.6	67.8	64.4	54.8	61.7	46.6
25	U09-231043	66.2	61.4	60.6	63.9	57.2	66.9	49.3
26	U09-318122	65.3	65.7	57.8	58.1	54.7	60.0	47.2
	Average	62.4	56.5	63.1	65.4	59.4	60.1	47.1
	LSD(.05)	9.5	14.5	9.3	8.8	11.4	8.2	4.6
	C.V. %	6.1	10.3	7.3	6.5	9.4	6.5	5.7
	Replications	2	2	2	2	2	2	2
	Row width (in.)	30	30	30	30	30	30	30

2011 SCN PRELIM TEST IIIA

Yield (bu/a)

		Novelty	Auburn	Pierce	Seward	Harrisburg	Urbana	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023	42.5	63.3	61.8	58.4	66.2	40.4	27.2
2	IA3024	43.2	54.3	26.8	57.9	55.9	39.5	19.2
3	IA3048	41.8	61.8	45.1	53.0	55.4	46.7	28.5
4	IA4005	43.5	53.5	42.3	70.4	64.2	44.2	24.8
5	AR10-305003	36.7	62.9	43.9	60.2	56.6	50.4	30.4
6	AR10-305052	46.5	52.1	41.1	60.3	65.1	47.5	24.8
7	AR10-305055	50.0	52.4	41.2	52.8	54.0	46.1	29.1
8	AR10-305092	44.4	54.4	48.3	57.6	44.7	38.3	22.9
9	AR10-305093	50.0	59.7	42.7	49.3	59.5	38.7	22.8
10	AR10-305104	38.3	53.3	54.1	62.1	50.1	30.1	18.6
11	AR10-305107	42.3	59.1	48.8	61.3	60.1	40.4	21.7
12	AR10-305114	43.6	62.2	47.7	65.8	56.2	39.7	20.4
13	AR10-305127	39.5	55.2	49.6	59.8	56.8	43.9	23.5
14	AR10-305177	43.2	57.9	42.1	54.0	47.2	40.5	19.2
15	AR10-305188	42.1	57.2	46.6	61.7	46.2	34.0	10.5
16	AR10-305190	49.5	54.4	44.5	59.4	52.8	41.5	21.0
17	AR10-305198	42.6	61.5	48.5	63.4	47.6	43.1	9.9
18	AR10-305205	40.2	50.8	43.1	60.1	51.4	47.9	19.2
19	LS08-3430	40.3	54.7	46.1	50.2	52.4	45.5	21.0
20	LS08-3817	42.1	58.7	37.3	50.6	49.5	38.2	19.2
21	LS08-3849	42.1	58.1	42.2	51.1	56.3	40.1	20.4
22	LS08-5828	34.7	53.0	28.7	51.1	55.4	39.5	23.5
23	U09-228060	41.4	55.5	36.0	55.5	45.9	42.1	24.8
24	U09-231035	44.5	63.2	38.4	53.2	49.9	42.5	27.9
25	U09-231043	47.4	67.1	42.9	62.4	56.2	39.7	21.1
26	U09-318122	45.1	57.4	45.0	50.8	50.2	39.4	25.4
	Average	42.9	57.0	45.1	58.4	54.0	41.5	22.2
	LSD(.05)	4.7	11.8	14.0	8.7	10.0	6.6	3.3
	C.V. %	6.3	9.9	15.6	7.0	9.0	7.9	7.1
	Replications	2	2	2	2	2	2	2
	Row width (in.)	30	30	30	30	30	30	30

2011 SCN PRELIM TEST IIIA

Yield (rank)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023	25	24	8	18	9	18	17
2	IA3024	26	26	10	18	5	13	12
3	IA3048	9	4	6	1	12	16	4
4	IA4005	22	22	2	2	2	3	16
5	AR10-305003	1	11	1	6	1	9	1
6	AR10-305052	8	14	7	11	19	14	13
7	AR10-305055	3	2	18	7	3	8	5
8	AR10-305092	17	1	23	22	24	1	23
9	AR10-305093	14	9	8	2	14	26	3
10	AR10-305104	20	20	25	24	11	24	25
11	AR10-305107	12	6	14	7	13	9	2
12	AR10-305114	7	19	16	5	7	6	11
13	AR10-305127	2	7	4	2	6	5	9
14	AR10-305177	16	17	24	9	18	21	6
15	AR10-305188	21	8	20	26	25	25	20
16	AR10-305190	10	5	15	10	8	6	10
17	AR10-305198	5	18	13	12	21	11	19
18	AR10-305205	13	12	12	13	16	22	22
19	LS08-3430	19	25	3	18	10	19	24
20	LS08-3817	24	21	20	15	4	23	21
21	LS08-3849	15	16	11	13	21	20	18
22	LS08-5828	23	23	19	23	26	15	26
23	U09-228060	18	15	26	21	15	4	7
24	U09-231035	4	13	5	15	20	12	15
25	U09-231043	6	10	17	17	17	2	8
26	U09-318122	11	3	22	25	21	16	14

2011 SCN PRELIM TEST IIIA

Yield (rank)

		Novelty	Auburn	Pierce	Seward	Harrisburg	Urbana	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023	14	2	1	13	1	14	5
2	IA3024	11	20	26	14	11	19	20
3	IA3048	19	6	10	19	12	4	3
4	IA4005	10	21	17	1	3	7	7
5	AR10-305003	25	4	13	9	7	1	1
6	AR10-305052	5	25	21	8	2	3	7
7	AR10-305055	1	24	20	20	14	5	2
8	AR10-305092	8	18	6	15	26	23	12
9	AR10-305093	1	8	16	26	5	22	13
10	AR10-305104	24	22	2	5	19	26	24
11	AR10-305107	15	9	4	7	4	14	14
12	AR10-305114	9	5	7	2	9	17	18
13	AR10-305127	23	16	3	11	6	8	10
14	AR10-305177	11	12	19	17	23	13	20
15	AR10-305188	16	14	8	6	24	25	25
16	AR10-305190	3	18	12	12	15	12	16
17	AR10-305198	13	7	5	3	22	9	26
18	AR10-305205	22	26	14	10	17	2	20
19	LS08-3430	21	17	9	25	16	6	16
20	LS08-3817	16	10	23	24	21	24	20
21	LS08-3849	16	11	18	21	8	16	18
22	LS08-5828	26	23	25	21	12	20	10
23	U09-228060	20	15	24	16	25	11	7
24	U09-231035	7	3	22	18	20	10	4
25	U09-231043	4	1	15	4	9	18	15
26	U09-318122	6	13	11	23	18	21	6

2011 SCN PRELIM TEST IIIA

Maturity

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023		10/3	9/15	10/2	9/23		9/28
2	IA3024		-2	-2	-4	1		2
3	IA3048		1	5	2	2		5
4	IA4005		4	12	5	11		9
5	AR10-305003		1	8	3	6		8
6	AR10-305052		1	7	1	1		6
7	AR10-305055		4	12	-8	8		10
8	AR10-305092		-1	-2	-5	-8		-2
9	AR10-305093		1	5	2	3		6
10	AR10-305104		-7	-7	-7	-8		-1
11	AR10-305107		-1	-3	-5	-3		4
12	AR10-305114		-2	-2	-1	-2		3
13	AR10-305127		-1	-2	0	-2		6
14	AR10-305177		-2	2	-1	2		5
15	AR10-305188		-4	-7	-10	-10		-2
16	AR10-305190		1	6	2	3		6
17	AR10-305198		-6	-2	-3	-5		3
18	AR10-305205		1	8	1	3		7
19	LS08-3430		-2	7	2	4		5
20	LS08-3817		2	9	2	3		7
21	LS08-3849		-1	6	1	2		5
22	LS08-5828		2	10	3	1		6
23	U09-228060		3	0	1	5		7
24	U09-231035		0	1	1	2		5
25	U09-231043		1	2	0	2		4
26	U09-318122		3	4	-1	4		7
	Planted	5/4	5/12	5/12	6/8	6/2	6/1	5/23

2011 SCN PRELIM TEST IIIA

Maturity

		Novelty	Auburn	Pierce	Seward	Harrisburg	Urbana	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023		9/27		10/7	9/18	9/15	
2	IA3024		-4		-8	-2	-3	
3	IA3048		0		-8	1	5	
4	IA4005		4		-2	12	9	
5	AR10-305003		2		-2	7	9	
6	AR10-305052		2		-3	4	9	
7	AR10-305055		4		-2	11	10	
8	AR10-305092		-2		-7	-6	-3	
9	AR10-305093		-1		-7	5	6	
10	AR10-305104		-6		-7	-5	-7	
11	AR10-305107		-5		-5	-2	-3	
12	AR10-305114		-4		-2	-2	-2	
13	AR10-305127		-2		-4	3	-1	
14	AR10-305177		-1		-5	-1	3	
15	AR10-305188		-9		-11	-6	-8	
16	AR10-305190		1		-3	2	10	
17	AR10-305198		-3		-6	-4	-2	
18	AR10-305205		0		-4	2	9	
19	LS08-3430		0		-3	5	8	
20	LS08-3817		1		-2	3	11	
21	LS08-3849		0		-2	3	8	
22	LS08-5828		2		-2	3	11	
23	U09-228060		0		-4	1	6	
24	U09-231035		0		-3	2	-1	
25	U09-231043		1		-4	2	5	
26	U09-318122		0		-2	2	4	
	Planted	5/16	5/23	5/31	6/7	5/31	5/13	6/7

2011 SCN PRELIM TEST IIIA

Lodging (score)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023	1.0	1.3	1.5	1.0	1.5	1.5	1.0
2	IA3024	1.3	1.0	1.5	1.5	1.5	1.0	1.0
3	IA3048	1.5	1.5	1.8	3.0	2.5	2.5	1.0
4	IA4005	1.5	1.0	1.5	1.0	1.0	1.0	1.0
5	AR10-305003	1.5	1.3	1.5	1.0	1.0	1.0	1.0
6	AR10-305052	2.0	1.8	2.8	2.0	2.0	1.5	3.0
7	AR10-305055	1.8	1.5	2.3	2.0	2.0	2.0	1.0
8	AR10-305092	1.5	2.0	2.5	2.0	2.0	3.0	2.0
9	AR10-305093	1.3	1.3	1.8	2.0	2.0	2.0	1.0
10	AR10-305104	1.0	1.5	1.5	1.0	1.0	1.0	1.0
11	AR10-305107	1.3	1.5	1.5	1.5	2.0	1.5	2.0
12	AR10-305114	1.5	1.5	1.8	2.0	1.0	2.0	1.0
13	AR10-305127	1.5	1.3	1.8	1.5	1.5	1.5	1.0
14	AR10-305177	1.8	1.8	2.3	2.0	2.5	3.0	4.0
15	AR10-305188	1.5	1.5	1.5	1.0	1.5	1.5	3.0
16	AR10-305190	1.5	1.5	1.5	1.5	2.0	1.5	2.0
17	AR10-305198	1.5	1.5	2.0	2.0	2.0	1.0	3.0
18	AR10-305205	1.5	1.8	1.5	1.5	1.5	1.0	1.0
19	LS08-3430	1.0	1.5	1.8	1.5	1.5	1.0	1.0
20	LS08-3817	1.5	1.8	1.5	1.0	1.0	1.0	1.0
21	LS08-3849	1.5	1.3	1.8	1.5	2.0	1.0	1.0
22	LS08-5828	1.0	1.3	1.5	1.0	2.0	1.0	1.0
23	U09-228060	1.5	1.5	1.5	1.5	2.0	1.0	2.0
24	U09-231035	1.8	1.8	2.3	2.5	3.0	2.5	3.0
25	U09-231043	1.5	1.5	1.8	2.0	2.0	1.5	2.0
26	U09-318122	2.0	1.8	1.5	2.0	3.0	1.5	2.0

2011 SCN PRELIM TEST IIIA

Lodging (score)

		Novelty	Auburn	Pierce	Seward	Harrisburg	Urbana	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023					1.0	1.0	1.0
2	IA3024					1.0	1.0	1.0
3	IA3048					1.5	1.0	1.0
4	IA4005					1.0	1.0	1.0
5	AR10-305003					1.0	1.0	1.0
6	AR10-305052					1.5	1.0	1.0
7	AR10-305055					2.0	1.0	1.0
8	AR10-305092					1.5	1.0	1.0
9	AR10-305093					1.0	1.0	1.0
10	AR10-305104					1.0	1.0	1.0
11	AR10-305107					1.0	1.0	1.0
12	AR10-305114					1.0	1.0	1.0
13	AR10-305127					1.0	1.0	1.0
14	AR10-305177					2.0	1.0	1.0
15	AR10-305188					1.5	1.0	1.0
16	AR10-305190					1.0	1.0	1.0
17	AR10-305198					1.0	1.0	1.0
18	AR10-305205					1.5	1.0	1.0
19	LS08-3430					1.0	1.0	1.0
20	LS08-3817					1.5	1.0	1.0
21	LS08-3849					1.5	1.0	1.0
22	LS08-5828					1.0	1.0	1.0
23	U09-228060					1.0	1.0	1.0
24	U09-231035					1.0	1.0	1.0
25	U09-231043					1.0	1.0	1.0
26	U09-318122					1.0	1.0	1.0

2011 SCN PRELIM TEST IIIA

Height (inches)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023	30	25	36	34	36	42	27
2	IA3024	26	25	35	36	35	42	28
3	IA3048	34	33	37	40	35	41	32
4	IA4005	29	27	36	33	36	41	30
5	AR10-305003	34	30	36	34	37	42	31
6	AR10-305052	35	29	38	34	36	45	30
7	AR10-305055	39	34	43	39	43	46	35
8	AR10-305092	40	39	40	42	51	42	39
9	AR10-305093	34	32	41	44	41	47	33
10	AR10-305104	28	24	33	32	35	38	27
11	AR10-305107	34	34	42	38	40	41	32
12	AR10-305114	34	33	36	40	38	41	34
13	AR10-305127	35	30	35	35	37	38	31
14	AR10-305177	42	35	42	46	44	44	38
15	AR10-305188	35	33	36	39	40	43	33
16	AR10-305190	41	34	42	41	41	47	38
17	AR10-305198	30	33	37	38	41	44	35
18	AR10-305205	31	27	35	33	34	42	28
19	LS08-3430	32	26	37	36	37	42	27
20	LS08-3817	33	30	39	38	42	43	34
21	LS08-3849	34	33	41	42	39	46	33
22	LS08-5828	33	30	39	38	32	44	30
23	U09-228060	34	30	38	37	42	42	35
24	U09-231035	41	33	41	39	41	46	37
25	U09-231043	39	34	41	39	41	46	35
26	U09-318122	37	31	40	39	41	42	35

2011 SCN PRELIM TEST IIIA

Height (inches)

		Novelty	Auburn	Pierce	Seward	Harrisburg	Urbana	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023					36	30	23
2	IA3024					37	28	29
3	IA3048					39	32	29
4	IA4005					37	30	25
5	AR10-305003					32	31	26
6	AR10-305052					38	31	25
7	AR10-305055					42	37	29
8	AR10-305092					41	38	33
9	AR10-305093					42	31	27
10	AR10-305104					30	26	22
11	AR10-305107					39	35	24
12	AR10-305114					40	34	27
13	AR10-305127					35	32	26
14	AR10-305177					38	35	29
15	AR10-305188					41	32	28
16	AR10-305190					38	36	26
17	AR10-305198					39	35	26
18	AR10-305205					33	31	26
19	LS08-3430					33	32	26
20	LS08-3817					39	32	28
21	LS08-3849					44	34	28
22	LS08-5828					38	32	27
23	U09-228060					38	32	26
24	U09-231035					39	36	26
25	U09-231043					41	35	27
26	U09-318122					40	34	27

2011 SCN PRELIM TEST IIIA

Seed Quality (score)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023		2.0	2.0	1.0	1.0	2.0	
2	IA3024		2.0	1.0	1.0	2.0	3.0	
3	IA3048		2.0	1.0	1.0	1.0	3.0	
4	IA4005		3.0	1.0	1.0	1.0	2.0	
5	AR10-305003		2.0	1.0	1.0	2.0	2.0	
6	AR10-305052		2.0	1.0	1.0	1.0	2.0	
7	AR10-305055		2.0	2.0	1.0	1.0	2.0	
8	AR10-305092		2.0	1.0	1.0	2.0	2.0	
9	AR10-305093		1.0	1.0	1.0	2.0	2.0	
10	AR10-305104		3.0	2.0	3.0	2.0	2.0	
11	AR10-305107		2.0	1.0	1.0	1.0	3.0	
12	AR10-305114		2.0	1.0	1.0	2.0	2.0	
13	AR10-305127		3.0	1.0	1.0	2.0	2.0	
14	AR10-305177		2.0	2.0	1.0	2.0	3.0	
15	AR10-305188		2.0	2.0	2.0	2.0	4.0	
16	AR10-305190		2.0	1.0	1.0	2.0	3.0	
17	AR10-305198		2.0	1.0	1.0	2.0	3.0	
18	AR10-305205		2.0	1.0	1.0	1.0	2.0	
19	LS08-3430		2.0	1.0	1.0	2.0	3.0	
20	LS08-3817		2.0	1.0	1.0	1.0	3.0	
21	LS08-3849		2.0	1.0	1.0	1.0	3.0	
22	LS08-5828		2.0	1.0	1.0	1.0	2.0	
23	U09-228060		3.0	3.0	1.0	1.0	3.0	
24	U09-231035		2.0	1.0	1.0	1.0	3.0	
25	U09-231043		2.0	1.0	1.0	1.0	2.0	
26	U09-318122		2.0	2.0	1.0	2.0	3.0	

2011 SCN PRELIM TEST IIIA

Seed Quality (score)

		Novelty	Auburn	Pierce	Seward	Harrisburg	Urbana	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023					1.0	1.0	2.0
2	IA3024					2.0	1.0	2.0
3	IA3048					2.0	1.0	2.0
4	IA4005					2.0	2.0	2.0
5	AR10-305003					3.0	1.0	2.0
6	AR10-305052					2.0	2.0	2.0
7	AR10-305055					2.0	1.0	2.0
8	AR10-305092					2.0	2.0	2.0
9	AR10-305093					2.0	1.0	2.0
10	AR10-305104					3.0	3.0	2.0
11	AR10-305107					2.0	2.0	2.0
12	AR10-305114					2.0	1.0	2.0
13	AR10-305127					3.0	1.0	2.0
14	AR10-305177					2.0	2.0	2.0
15	AR10-305188					3.0	2.0	3.0
16	AR10-305190					2.0	1.0	2.0
17	AR10-305198					2.0	1.0	3.0
18	AR10-305205					2.0	1.0	2.0
19	LS08-3430					3.0	1.0	2.0
20	LS08-3817					2.0	1.0	2.0
21	LS08-3849					3.0	1.0	2.0
22	LS08-5828					2.0	2.0	2.0
23	U09-228060					3.0	2.0	2.0
24	U09-231035					2.0	1.0	1.0
25	U09-231043					2.0	1.0	2.0
26	U09-318122					4.0	3.0	4.0

2011 SCN PRELIM TEST IIIA

Seed Weight (g/100)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023		14.7	12.8	13.3	12.1	15.5	
2	IA3024		15.5	12.7	13.9	13.0	15.3	
3	IA3048		15.3	12.4	14.2	11.0	13.3	
4	IA4005		14.1	12.8	13.8	12.3	16.2	
5	AR10-305003		14.7	14.4	13.6	12.7	13.5	
6	AR10-305052		15.4	12.3	14.1	12.1	13.1	
7	AR10-305055		15.6	13.1	15.8	13.7	16.7	
8	AR10-305092		15.0	12.2	12.3	10.8	14.2	
9	AR10-305093		17.3	12.9	15.9	13.4	16.2	
10	AR10-305104		15.2	14.1	14.2	12.8	15.8	
11	AR10-305107		16.9	15.3	15.3	13.2	16.7	
12	AR10-305114		15.6	12.9	14.3	13.0	15.8	
13	AR10-305127		18.5	17.1	16.8	14.4	17.2	
14	AR10-305177		15.5	12.4	13.2	12.5	13.5	
15	AR10-305188		17.0	13.3	14.0	11.9	18.3	
16	AR10-305190		15.8	12.4	14.4	13.4	17.2	
17	AR10-305198		15.8	13.5	15.4	13.1	17.7	
18	AR10-305205		16.9	12.3	14.6	12.7	16.6	
19	LS08-3430		16.4	13.7	16.1	14.3	17.4	
20	LS08-3817		14.6	10.5	13.5	11.8	14.1	
21	LS08-3849		15.1	11.6	14.9	12.9	16.2	
22	LS08-5828		15.0	12.9	14.1	12.1	16.8	
23	U09-228060		14.2	10.8	12.4	12.1	16.0	
24	U09-231035		14.0	12.1	12.4	11.6	15.1	
25	U09-231043		13.4	9.3	11.1	10.1	13.1	
26	U09-318122		15.3	11.3	11.8	12.0	16.2	

2011 SCN PRELIM TEST IIIA

Seed Weight (g/100)

		Novelty	Auburn	Pierce	Seward	Harrisburg	Urbana	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023					12.0	12.3	13.2
2	IA3024					12.2	13.1	13.9
3	IA3048					11.0	12.3	12.6
4	IA4005					11.7	11.0	11.6
5	AR10-305003					11.7	13.8	12.1
6	AR10-305052					12.4	11.4	11.8
7	AR10-305055					13.7	15.2	13.9
8	AR10-305092					10.6	10.8	11.2
9	AR10-305093					13.6	12.7	15.1
10	AR10-305104					13.2	13.5	12.3
11	AR10-305107					13.1	13.7	13.3
12	AR10-305114					11.7	12.7	13.8
13	AR10-305127					14.7	15.2	14.9
14	AR10-305177					11.6	12.4	12.0
15	AR10-305188					12.7	13.8	13.4
16	AR10-305190					11.9	12.0	12.9
17	AR10-305198					12.9	12.6	12.4
18	AR10-305205					11.7	12.7	12.5
19	LS08-3430					12.6	14.2	13.6
20	LS08-3817					11.2	11.3	12.4
21	LS08-3849					11.7	11.7	12.7
22	LS08-5828					12.2	12.7	12.5
23	U09-228060					10.6	12.0	12.3
24	U09-231035					9.9	10.4	11.8
25	U09-231043					9.2	9.4	10.4
26	U09-318122					10.7	11.1	11.7

2011 SCN PRELIM TEST IIIA

Protein (%)

		Muscatine	Belleville	Ashland	Pierce	Urbana
		IA	IL	KS	NE	IL
	SCN HG Type	2.7	1.2.5.7	2.5.7	I	NI
	Strain					
1	IA3023	31.6	31.4	30.6	34.9	31.1
2	IA3024	32.9	32.2	33.3	36.1	31.8
3	IA3048	32.8	32.6	32.5	36.6	32.2
4	IA4005	32.7	32.9	34.7	36.3	33.1
5	AR10-305003	36.0	34.6	35.2	37.5	34.8
6	AR10-305052	32.1	32.6	31.8	35.7	32.6
7	AR10-305055	30.4	31.9	32.8	34.7	33.6
8	AR10-305092	30.7	31.1	31.9	35.6	30.5
9	AR10-305093	35.3	33.8	32.6	36.0	33.2
10	AR10-305104	33.3	32.5	33.5	33.8	32.2
11	AR10-305107	30.3	33.2	31.5	34.1	33.5
12	AR10-305114	34.3	34.9	33.5	36.8	35.4
13	AR10-305127	35.8	33.7	33.9	35.2	34.9
14	AR10-305177	33.6	32.3	33.9	36.3	33.6
15	AR10-305188	32.9	31.5	34.2	34.8	32.4
16	AR10-305190	33.6	33.5	34.6	37.0	34.8
17	AR10-305198	34.6	34.7	35.7	36.2	35.0
18	AR10-305205	33.5	32.2	32.4	36.7	32.9
19	LS08-3430	33.6	33.2	35.9	37.1	35.1
20	LS08-3817	31.9	33.5	33.4	36.3	33.3
21	LS08-3849	32.2	33.1	34.3	35.3	33.1
22	LS08-5828	33.2	32.7	31.4	36.3	32.6
23	U09-228060	30.1	32.2	32.1	33.2	32.2
24	U09-231035	33.6	31.9	33.9	35.9	33.1
25	U09-231043	31.4	33.4	32.8	35.5	31.6
26	U09-318122	30.3	30.6	30.2	35.0	28.9

2011 SCN PRELIM TEST IIIA

Oil (%)

		Muscatine	Belleville	Ashland	Pierce	Urbana
		IA	IL	KS	NE	IL
	SCN HG Type	2.7	1.2.5.7	2.5.7	I	NI
	Strain					
1	IA3023	21.0	19.6	20.5	16.9	20.4
2	IA3024	19.6	20.4	18.1	15.5	20.8
3	IA3048	18.8	19.4	18.9	15.8	20.4
4	IA4005	18.6	19.6	17.5	16.7	19.7
5	AR10-305003	18.9	19.3	18.0	15.9	19.5
6	AR10-305052	20.3	19.9	19.7	16.7	20.1
7	AR10-305055	19.0	19.2	18.0	17.2	18.5
8	AR10-305092	20.8	20.8	20.0	16.6	20.2
9	AR10-305093	19.0	19.3	19.1	16.0	20.0
10	AR10-305104	19.7	20.0	19.7	17.0	21.1
11	AR10-305107	20.9	19.4	19.7	17.4	19.8
12	AR10-305114	20.2	19.0	19.5	17.1	19.3
13	AR10-305127	19.1	20.2	19.4	17.7	19.7
14	AR10-305177	19.9	20.5	17.9	16.1	20.0
15	AR10-305188	18.9	19.6	18.2	17.0	19.4
16	AR10-305190	18.9	19.3	18.4	16.4	19.2
17	AR10-305198	19.3	18.7	19.0	17.1	19.1
18	AR10-305205	20.0	20.1	19.1	16.9	18.9
19	LS08-3430	19.0	19.0	17.4	15.0	18.5
20	LS08-3817	18.8	18.9	19.0	17.1	18.9
21	LS08-3849	18.8	19.7	18.6	17.3	19.3
22	LS08-5828	18.3	19.4	18.4	15.2	19.1
23	U09-228060	20.7	19.9	19.0	16.6	20.4
24	U09-231035	19.7	19.8	19.4	17.0	20.9
25	U09-231043	20.4	19.2	19.3	17.6	19.8
26	U09-318122	20.2	21.1	20.0	16.8	21.4

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2011 SCN PRELIM TEST IIIB

	Strain	Descriptive code	Parentage	Gen. Comp.	Traits
1	IA3023	WLtbl	Dairyland DSR-365 x Pioneer P9381	F5	
2	IA3024	PGibl	A97-553017 x Pioneer YB33A99	F5	1% linolenic
3	IA3048	WGy	Dairyland 99540 x IA2068	F4	
4	IA4005	WLtbl+bf	IA3023 x IA3025	F4	1% linolenic
5	LD08- 756	P+WT+Ltbl	LD02-6538 x LD01-5907	F5	
6	LD08- 871	P+WGy	LD02-6538 x LD03-7610	F5	
7	LD08-12425a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
8	LD08-12426a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
9	LD08-1566	PTbl	LD03-7607 x LD00-3309	F5	
10	LD08-1592	PGgr	LD03-7607 x LD00-3309	F5	
11	LD08-1646	PGibl	LD03-7607 x LD00-3309	F5	
12	LD08-1673	PGibl	LD03-7607 x LD00-3309	F5	
13	LD08-3611	WTbl	Soygenetics M30121 x LD00-4970	F5	
14	LD08-3936	WGbf	LD02-5868 x LD00-4970	F5	
15	LD08-4767a	P+WTbl	LD02-5320 x [LD00-3309(3)x(LD00-4970(2)x (Dowlingx Dwight))]	F5	Rag1
16	LD08-6972	PGibl	LD03-10487 x LD02-4485	F5	
17	SS05-5228	PGy	MPV4238N x GARDENSOY32	F5	
18	SS08-1430	WTbl	LS02-2213 x (SS02-8173 x PI438503A)	F5	
19	SS08-1697	PTbl	MPV4238N x (SS02-8173 x PI438503A)	F5	
20	SS08-1740	PTbl	MPV4238N x (SS02-8173 x PI438503A)	F5	
21	SS08-1960	WGbf	Patriot x (SS02-8173 x PI438503A)	F5	
22	SS08-1974	WGbf	SS02-8173 x (SS02-8173 x PI438503A)	F5	
23	SS08-2028	PGbf	SS02-8173 x (SS02-8173 x PI438503A)	F5	
24	SS08-2930	WTgr	LS02-2213 x (SS02-8173 x PI438503A)	F5	

2011 SCN PRELIM TEST IIIB

		IL SCN screen				ISU IDC
		HG Type 0		HG Type 2.5.7		Res=1.6 Sus=2.0
	Strain	FI	rating	FI	rating	score
1	IA3023	43	LR	*75*	*NR*	2.3
2	IA3024	72	NR	77	NR	2.0
3	IA3048	3	HR	*77*	*NR*	2.0
4	IA4005	57	LR	71	NR	2.0
5	LD08- 756	0	HR	57	LR	2.0
6	LD08- 871	12	R	71	NR	1.8
7	LD08-12425a	4	HR	53	LR	2.0
8	LD08-12426a	6	HR	53	LR	2.5
9	LD08-1566	11	R	63	NR	2.0
10	LD08-1592	6	HR	61	NR	2.5
11	LD08-1646	8	HR	*97*	*NR*	1.8
12	LD08-1673	7	HR	70	NR	2.0
13	LD08-3611	3	HR	50	NR	2.0
14	LD08-3936	10	R	*76*	*NR*	1.8
15	LD08-4767a	12	R	70	NR	2.0
16	LD08-6972	13	R	53	LR	2.5
17	SS05-5228	12	R	60	NR	2.3
18	SS08-1430	0	HR	1	HR	3.0
19	SS08-1697	0	HR	8	HR	3.0
20	SS08-1740	0	HR	2	HR	2.5
21	SS08-1960	13	R	68	NR	2.5
22	SS08-1974	2	HR	51	LR	2.5
23	SS08-2028	3	HR	4	HR	2.0
24	SS08-2930	3	HR	52	LR	1.8

2011 SCN PRELIM TEST IIIB

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Location	11		3		9	10	10	8	8	5	5
1	IA3023	52.6	16	40.7	3	9/23	1.3	32	1.5	13.0	31.5	19.5
2	IA3024	52.5	17	38.8	7	-1	1.5	33	1.8	13.7	33.3	18.6
3	IA3048	57.1	5	41.6	2	3	1.7	35	1.5	12.4	33.2	18.5
4	IA4005	57.2	4	43.2	1	9	1.2	33	1.6	12.6	33.2	18.4
5	LD08- 756	57.0	7	39.5	5	4	1.4	36	2.0	12.1	32.5	18.9
6	LD08- 871	57.8	3	40.1	4	0	1.9	38	1.8	14.1	32.1	19.3
7	LD08-12425a	54.9	11	37.2	13	0	1.8	36	2.4	15.8	33.0	19.0
8	LD08-12426a	54.8	13	37.4	12	1	1.7	36	2.3	14.4	31.7	19.8
9	LD08-1566	54.9	11	35.7	19	1	1.2	34	1.6	11.8	34.0	18.6
10	LD08-1592	59.1	1	38.8	7	0	1.5	36	1.6	13.5	34.4	18.3
11	LD08-1646	56.6	9	37.8	10	1	1.3	37	1.6	12.3	32.5	19.1
12	LD08-1673	56.0	10	39.1	6	2	1.2	32	1.6	12.1	32.5	19.0
13	LD08-3611	56.8	8	36.9	16	1	1.9	35	1.5	12.4	34.6	18.7
14	LD08-3936	54.0	14	36.8	17	-2	1.6	33	1.5	10.9	33.3	18.9
15	LD08-4767a	57.1	5	37.0	14	-1	1.5	36	1.6	11.6	33.5	19.3
16	LD08-6972	58.0	2	38.8	7	-3	1.9	36	2.0	13.7	32.6	19.2
17	SS05-5228	46.5	24	31.3	24	11	1.4	38	1.9	18.8	34.3	17.7
18	SS08-1430	48.4	22	33.7	19	6	2.2	38	1.6	13.3	35.9	17.3
19	SS08-1697	48.9	21	37.0	14	5	1.4	34	1.6	14.9	35.3	18.6
20	SS08-1740	49.0	20	37.6	11	5	1.2	33	1.6	14.4	34.8	18.2
21	SS08-1960	53.8	15	36.5	18	10	1.6	40	1.8	12.2	34.4	17.5
22	SS08-1974	47.9	23	31.8	22	5	2.5	37	1.8	13.7	35.9	17.5
23	SS08-2028	49.7	18	31.7	23	4	2.5	40	1.6	12.9	34.8	18.9
24	SS08-2930	49.2	19	33.4	21	11	2.0	42	2.1	14.8	34.2	17.9

2011 SCN PRELIM TEST IIIB

Yield (bu/a)

		Leighton IA	Muscatine IA	Arthur IL	Belleville IL	Dowell IL	Ashland KS	Columbia MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023	59.2	37.8	66.0	63.9	44.8	75.3	43.3
2	IA3024	52.4	37.9	64.6	66.3	51.7	73.1	42.7
3	IA3048	65.4	54.7	67.2	68.8	52.4	65.3	51.7
4	IA4005	58.2	41.3	77.2	72.2	59.5	71.3	48.2
5	LD08- 756	64.0	53.0	58.6	68.3	59.9	63.2	57.5
6	LD08- 871	65.9	56.5	66.0	63.0	55.0	67.9	47.0
7	LD08-12425a	65.6	56.3	64.7	69.3	54.4	65.2	41.3
8	LD08-12426a	62.5	60.0	67.4	65.4	49.6	56.1	40.5
9	LD08-1566	60.2	53.0	67.3	58.1	51.3	56.8	46.1
10	LD08-1592	69.7	54.2	70.1	66.3	61.7	61.2	56.3
11	LD08-1646	64.6	54.7	71.9	65.9	56.6	62.7	43.1
12	LD08-1673	64.7	49.6	64.7	65.4	51.5	65.2	53.8
13	LD08-3611	66.0	54.6	63.9	67.8	52.9	64.6	45.7
14	LD08-3936	65.0	45.6	57.6	61.0	48.8	57.4	52.8
15	LD08-4767a	67.7	45.7	66.1	62.0	51.7	64.7	45.3
16	LD08-6972	63.3	56.2	68.7	68.3	56.9	56.7	45.6
17	SS05-5228	50.4	33.2	52.3	64.4	53.6	42.8	45.0
18	SS08-1430	55.0	54.6	55.4	55.7	41.6	53.7	41.8
19	SS08-1697	61.5	36.0	63.2	60.5	44.4	50.1	43.9
20	SS08-1740	60.8	43.3	57.5	61.0	44.0	52.0	40.7
21	SS08-1960	64.8	52.4	62.9	69.7	42.2	62.8	54.5
22	SS08-1974	56.2	52.6	57.3	58.1	38.0	56.0	41.5
23	SS08-2028	57.4	43.1	57.0	55.7	48.7	56.5	36.3
24	SS08-2930	61.1	44.9	57.0	65.9	42.9	57.8	45.6
	Average	61.7	48.8	63.5	64.2	50.6	60.8	46.2
	LSD(.05)	5.5	19.4	9.3	6.7	11.2	15.2	5.8
	C.V. %	3.5	15.9	7.3	5.0	10.7	12.1	7.4
	Replications	2	2	2	2	2	2	2
	Row width (in.)	30	30	30	30	30	30	30

2011 SCN PRELIM TEST IIIB

Yield (bu/a)

		Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023	38.5	54.0	34.6	61.4	40.4	63.8	18.0
2	IA3024	43.1	52.7	34.4	58.2	39.5	62.7	14.2
3	IA3048	47.7	59.7	40.4	55.3	46.7	56.5	21.7
4	IA4005	44.0	57.9	32.9	66.6	44.2	66.2	19.2
5	LD08- 756	43.4	58.3	44.7	56.3	42.0	59.2	17.3
6	LD08- 871	47.5	62.6	44.4	60.3	41.6	60.6	18.0
7	LD08-12425a	39.1	49.9	43.9	54.0	39.7	58.9	13.0
8	LD08-12426a	44.3	59.3	44.5	53.7	43.6	51.8	16.7
9	LD08-1566	40.5	63.6	46.0	61.3	43.1	52.8	11.1
10	LD08-1592	42.1	59.4	47.0	61.8	46.6	57.3	12.4
11	LD08-1646	37.5	59.9	46.6	59.6	46.5	55.8	11.1
12	LD08-1673	38.2	55.8	43.4	63.3	44.3	63.1	9.9
13	LD08-3611	44.3	56.9	46.1	62.4	44.2	55.4	11.1
14	LD08-3936	45.9	59.2	45.4	55.0	45.2	51.5	13.6
15	LD08-4767a	45.8	68.2	46.9	64.5	42.0	57.9	11.1
16	LD08-6972	53.6	61.7	49.2	57.8	49.7	57.3	9.3
17	SS05-5228	43.9	43.2	32.2	50.4	32.6	44.5	16.7
18	SS08-1430	45.9	45.8	34.4	48.7	39.3	45.9	15.8
19	SS08-1697	41.4	51.8	34.6	50.8	41.8	50.6	18.6
20	SS08-1740	40.8	48.1	39.8	51.3	39.1	57.1	16.7
21	SS08-1960	46.8	56.6	29.7	49.5	38.6	52.9	18.0
22	SS08-1974	43.4	50.5	32.3	41.0	35.0	45.0	15.5
23	SS08-2028	48.7	56.5	39.7	47.0	31.3	48.8	14.9
24	SS08-2930	47.6	45.4	29.4	43.9	37.5	47.1	15.5
	Average	43.9	55.7	40.1	55.6	41.4	55.1	15.0
	LSD(.05)	6.6	10.2	7.5	7.8	6.6	7.5	3.1
	C.V. %	8.8	8.8	9.0	6.3	7.9	6.5	10.0
	Replications	2	2	2	2	2	2	2
	Row width (in.)	30	30	30	30	30	30	30

2011 SCN PRELIM TEST IIIB

Yield (rank)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023	18	22	9	15	18	1	16
2	IA3024	23	21	13	8	11	2	18
3	IA3048	6	6	7	4	10	5	6
4	IA4005	19	20	1	1	3	3	7
5	LD08- 756	11	11	17	5	2	10	1
6	LD08- 871	4	2	10	16	6	4	8
7	LD08-12425a	5	3	11	3	7	6	21
8	LD08-12426a	13	1	5	12	15	19	23
9	LD08-1566	17	10	6	21	14	16	9
10	LD08-1592	1	9	3	8	1	13	2
11	LD08-1646	10	5	2	10	5	12	17
12	LD08-1673	9	14	11	12	13	6	4
13	LD08-3611	3	7	14	7	9	9	10
14	LD08-3936	7	16	18	18	16	15	5
15	LD08-4767a	2	15	8	17	11	8	13
16	LD08-6972	12	4	4	5	4	17	11
17	SS05-5228	24	24	24	14	8	24	14
18	SS08-1430	22	8	23	23	23	21	19
19	SS08-1697	14	23	15	20	19	23	15
20	SS08-1740	16	18	19	18	20	22	22
21	SS08-1960	8	13	16	2	22	11	3
22	SS08-1974	21	12	20	21	24	20	20
23	SS08-2028	20	19	21	23	17	18	24
24	SS08-2930	15	17	21	10	21	14	11

2011 SCN PRELIM TEST IIIB

Yield (rank)

		Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023	22	16	16	6	15	2	4
2	IA3024	16	17	18	10	17	4	15
3	IA3048	3	6	13	13	2	12	1
4	IA4005	12	11	20	1	7	1	2
5	LD08- 756	14	10	8	12	11	6	7
6	LD08- 871	5	3	10	8	14	5	4
7	LD08-12425a	21	20	11	15	16	7	17
8	LD08-12426a	10	8	9	16	9	17	8
9	LD08-1566	20	2	6	7	10	16	19
10	LD08-1592	17	7	2	5	3	9	18
11	LD08-1646	24	5	4	9	4	13	19
12	LD08-1673	23	15	12	3	6	3	23
13	LD08-3611	10	12	5	4	7	14	19
14	LD08-3936	7	9	7	14	5	18	16
15	LD08-4767a	9	1	3	2	12	8	19
16	LD08-6972	1	4	1	11	1	9	24
17	SS05-5228	13	24	22	19	23	24	8
18	SS08-1430	7	22	18	21	18	22	11
19	SS08-1697	18	18	16	18	13	19	3
20	SS08-1740	19	21	14	17	19	11	8
21	SS08-1960	6	13	23	20	20	15	4
22	SS08-1974	14	19	21	24	22	23	12
23	SS08-2028	2	14	15	22	24	20	14
24	SS08-2930	4	23	24	23	21	21	12

2011 SCN PRELIM TEST IIIB

Maturity

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023		9/30	9/15	10/3	9/18		9/28
2	IA3024		0	-2	-4	2		2
3	IA3048		2	5	0	3		6
4	IA4005		6	12	7	15		8
5	LD08- 756		3	5	0	5		5
6	LD08- 871		1	-3	-4	3		6
7	LD08-12425a		2	-3	-2	4		4
8	LD08-12426a		2	-1	-4	4		6
9	LD08-1566		0	2	-4	4		0
10	LD08-1592		-4	0	-3	3		4
11	LD08-1646		1	-1	-4	2		4
12	LD08-1673		1	0	1	5		6
13	LD08-3611		-2	2	0	2		3
14	LD08-3936		-2	-1	-5	-2		-2
15	LD08-4767a		-2	0	-5	-2		3
16	LD08-6972		-2	-2	-6	-5		2
17	SS05-5228		6	17	6	15		12
18	SS08-1430		1	10	3	7		9
19	SS08-1697		-1	9	5	5		8
20	SS08-1740		1	4	3	5		7
21	SS08-1960		7	15	8	12		11
22	SS08-1974		5	10	1	4		8
23	SS08-2028		1	10	0	6		8
24	SS08-2930		5	17	8	14		12
	Planted	5/4	5/12	5/12	6/8	6/2	6/1	5/23

2011 SCN PRELIM TEST IIIB

Maturity

		Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023		9/26		9/29	9/15	9/16	
2	IA3024		-3		1	-3	2	
3	IA3048		0		-1	5	3	
4	IA4005		6		7	9	12	
5	LD08- 756		1		0	10	4	
6	LD08- 871		-2		-1	1	2	
7	LD08-12425a		-6		1	-5	2	
8	LD08-12426a		-1		4	-2	3	
9	LD08-1566		0		-1	6	1	
10	LD08-1592		-2		0	5	-1	
11	LD08-1646		0		0	2	2	
12	LD08-1673		1		0	5	2	
13	LD08-3611		-2		0	4	3	
14	LD08-3936		-3		-3	2	-1	
15	LD08-4767a		-2		1	0	-2	
16	LD08-6972		-9		-2	0	-3	
17	SS05-5228		7		5	15	13	
18	SS08-1430		4		3	11	8	
19	SS08-1697		1		2	9	8	
20	SS08-1740		4		1	9	7	
21	SS08-1960		6		6	14	12	
22	SS08-1974		3		3	8	7	
23	SS08-2028		2		2	5	6	
24	SS08-2930		7		3	17	14	
	Planted	5/16	5/23	5/31	6/7	5/13	5/31	6/7

2011 SCN PRELIM TEST IIIB

Lodging (score)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023	1.3	1.5	1.5	1.5	1.0	2.0	1.0
2	IA3024	1.0	1.5	1.5	2.0	2.5	2.5	1.0
3	IA3048	1.5	1.5	1.8	2.5	2.0	2.0	2.0
4	IA4005	1.0	1.5	1.5	1.5	1.0	1.0	1.0
5	LD08- 756	1.3	1.5	1.5	2.0	1.5	1.5	1.0
6	LD08- 871	1.5	1.5	2.3	3.0	2.0	2.5	2.0
7	LD08-12425a	1.8	1.8	1.8	2.0	2.0	2.0	3.0
8	LD08-12426a	1.5	2.0	2.0	2.0	2.5	1.5	2.0
9	LD08-1566	1.5	1.0	1.5	2.0	1.0	1.0	1.0
10	LD08-1592	1.5	1.3	1.5	2.0	2.0	3.0	1.0
11	LD08-1646	1.5	1.0	1.5	1.5	1.0	2.0	1.0
12	LD08-1673	1.3	1.5	1.5	1.0	1.0	1.5	1.0
13	LD08-3611	1.8	1.5	2.3	3.5	2.5	2.0	1.0
14	LD08-3936	1.5	1.8	1.5	3.0	2.0	2.0	1.0
15	LD08-4767a	1.5	1.5	1.8	2.0	1.5	2.0	2.0
16	LD08-6972	1.5	1.5	1.8	3.5	2.0	2.5	3.0
17	SS05-5228	1.5	1.8	1.5	2.0	1.0	2.0	1.0
18	SS08-1430	2.0	2.0	2.8	3.0	3.5	2.5	2.0
19	SS08-1697	1.3	1.5	1.5	2.0	1.5	1.5	2.0
20	SS08-1740	1.0	1.5	1.3	1.5	1.0	1.5	1.0
21	SS08-1960	1.5	1.5	1.5	2.5	2.0	2.5	1.0
22	SS08-1974	2.0	2.0	3.0	3.0	4.0	3.5	3.0
23	SS08-2028	2.0	2.0	3.0	2.5	3.5	3.0	4.0
24	SS08-2930	2.0	1.8	2.3	3.5	2.0	2.5	2.0

2011 SCN PRELIM TEST IIIB

Lodging (score)

		Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023					1.0	1.0	1.0
2	IA3024					1.0	1.0	1.0
3	IA3048					1.0	1.5	1.0
4	IA4005					1.0	1.0	1.0
5	LD08- 756					1.0	2.0	1.0
6	LD08- 871					1.0	2.0	1.0
7	LD08-12425a					1.0	1.5	1.0
8	LD08-12426a					1.0	1.5	1.0
9	LD08-1566					1.0	1.0	1.0
10	LD08-1592					1.0	1.0	1.0
11	LD08-1646					1.0	1.0	1.0
12	LD08-1673					1.0	1.0	1.0
13	LD08-3611					1.0	2.0	1.0
14	LD08-3936					1.0	1.0	1.0
15	LD08-4767a					1.0	1.0	1.0
16	LD08-6972					1.0	1.5	1.0
17	SS05-5228					1.0	1.5	1.0
18	SS08-1430					1.0	2.0	1.0
19	SS08-1697					1.0	1.0	1.0
20	SS08-1740					1.0	1.0	1.0
21	SS08-1960					1.0	1.5	1.0
22	SS08-1974					1.0	2.0	1.0
23	SS08-2028					1.0	2.0	2.0
24	SS08-2930					1.0	2.0	1.0

2011 SCN PRELIM TEST IIIB

Height (inches)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023	31	24	36	36	33	43	27
2	IA3024	32	28	35	37	38	42	31
3	IA3048	36	29	37	42	36	48	31
4	IA4005	28	26	36	34	38	44	30
5	LD08- 756	36	32	42	37	40	43	32
6	LD08- 871	39	34	42	43	42	49	35
7	LD08-12425a	40	34	41	38	36	46	33
8	LD08-12426a	38	34	40	37	38	45	32
9	LD08-1566	34	30	39	37	35	45	32
10	LD08-1592	36	31	41	38	39	46	33
11	LD08-1646	39	33	40	37	40	47	32
12	LD08-1673	31	27	34	38	29	43	30
13	LD08-3611	35	30	40	39	37	46	32
14	LD08-3936	32	28	35	36	32	44	34
15	LD08-4767a	38	31	39	42	39	45	34
16	LD08-6972	33	33	39	43	41	46	31
17	SS05-5228	39	31	44	40	37	48	32
18	SS08-1430	37	37	38	43	37	48	36
19	SS08-1697	34	28	34	38	34	46	30
20	SS08-1740	32	30	34	35	36	45	30
21	SS08-1960	42	34	45	45	43	49	38
22	SS08-1974	35	32	45	40	37	44	33
23	SS08-2028	39	36	46	45	40	50	34
24	SS08-2930	43	35	46	50	45	52	39

2011 SCN PRELIM TEST IIIB

Height (inches)

		Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023					30	35	22
2	IA3024					28	38	24
3	IA3048					32	35	25
4	IA4005					30	37	23
5	LD08- 756					33	39	22
6	LD08- 871					37	41	22
7	LD08-12425a					31	39	23
8	LD08-12426a					31	39	27
9	LD08-1566					34	36	23
10	LD08-1592					34	40	21
11	LD08-1646					35	42	21
12	LD08-1673					32	36	20
13	LD08-3611					33	40	19
14	LD08-3936					30	38	21
15	LD08-4767a					34	40	22
16	LD08-6972					34	40	22
17	SS05-5228					37	40	28
18	SS08-1430					36	44	28
19	SS08-1697					32	35	24
20	SS08-1740					30	36	23
21	SS08-1960					35	47	26
22	SS08-1974					34	39	28
23	SS08-2028					34	43	30
24	SS08-2930					41	44	30

2011 SCN PRELIM TEST IIIB

Seed Quality (score)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023		2.0	2.0	1.0	1.0	2.0	
2	IA3024		3.0	1.0	1.0	1.0	3.0	
3	IA3048		2.0	1.0	1.0	1.0	2.0	
4	IA4005		2.0	1.0	1.0	1.0	2.0	
5	LD08- 756		3.0	1.0	1.0	1.0	3.0	
6	LD08- 871		2.0	1.0	1.0	2.0	3.0	
7	LD08-12425a		3.0	2.0	1.0	2.0	2.0	
8	LD08-12426a		3.0	2.0	1.0	1.0	3.0	
9	LD08-1566		2.0	1.0	1.0	1.0	2.0	
10	LD08-1592		2.0	1.0	1.0	1.0	2.0	
11	LD08-1646		3.0	1.0	1.0	1.0	2.0	
12	LD08-1673		3.0	1.0	1.0	1.0	2.0	
13	LD08-3611		2.0	1.0	1.0	1.0	2.0	
14	LD08-3936		3.0	1.0	1.0	1.0	1.0	
15	LD08-4767a		3.0	1.0	1.0	1.0	2.0	
16	LD08-6972		2.0	1.0	1.0	2.0	2.0	
17	SS05-5228		1.0	2.0	1.0	2.0	2.0	
18	SS08-1430		3.0	1.0	1.0	1.0	2.0	
19	SS08-1697		3.0	1.0	1.0	1.0	2.0	
20	SS08-1740		3.0	1.0	1.0	1.0	2.0	
21	SS08-1960		2.0	1.0	1.0	1.0	2.0	
22	SS08-1974		3.0	1.0	1.0	1.0	3.0	
23	SS08-2028		2.0	1.0	1.0	1.0	1.0	
24	SS08-2930		3.0	1.0	1.0	1.0	3.0	

2011 SCN PRELIM TEST IIIB

Seed Quality (score)

		Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023					1.0	1.0	2.0
2	IA3024					1.0	2.0	2.0
3	IA3048					1.0	2.0	2.0
4	IA4005					2.0	2.0	2.0
5	LD08- 756					2.0	2.0	3.0
6	LD08- 871					1.0	2.0	2.0
7	LD08-12425a					3.0	3.0	3.0
8	LD08-12426a					2.0	3.0	3.0
9	LD08-1566					1.0	2.0	3.0
10	LD08-1592					1.0	2.0	3.0
11	LD08-1646					1.0	2.0	2.0
12	LD08-1673					1.0	2.0	2.0
13	LD08-3611					1.0	2.0	2.0
14	LD08-3936					1.0	2.0	2.0
15	LD08-4767a					1.0	2.0	2.0
16	LD08-6972					2.0	2.0	4.0
17	SS05-5228					2.0	3.0	2.0
18	SS08-1430					1.0	2.0	2.0
19	SS08-1697					1.0	2.0	2.0
20	SS08-1740					1.0	2.0	2.0
21	SS08-1960					2.0	3.0	2.0
22	SS08-1974					1.0	2.0	2.0
23	SS08-2028					2.0	3.0	2.0
24	SS08-2930					2.0	4.0	2.0

2011 SCN PRELIM TEST IIIB

Seed Weight (g/100)

		Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia
		IA	IA	IL	IL	IL	KS	MO
	SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7
	Strain							
1	IA3023		13.7	12.8	14.0	10.6	16.5	
2	IA3024		15.9	12.7	14.5	11.4	17.0	
3	IA3048		14.2	12.4	14.0	9.7	13.2	
4	IA4005		13.1	12.8	13.5	11.1	15.9	
5	LD08- 756		14.4	10.5	13.5	10.5	15.2	
6	LD08- 871		15.3	13.1	15.5	12.1	17.2	
7	LD08-12425a		19.3	14.9	16.0	13.6	18.5	
8	LD08-12426a		17.9	13.5	15.0	12.4	18.5	
9	LD08-1566		14.1	10.8	12.5	10.6	14.6	
10	LD08-1592		16.0	12.7	14.0	12.0	16.1	
11	LD08-1646		15.2	12.2	12.5	10.7	15.1	
12	LD08-1673		14.3	11.8	13.0	10.4	13.0	
13	LD08-3611		14.5	12.0	14.0	10.5	14.1	
14	LD08-3936		12.3	10.0	11.5	8.7	13.5	
15	LD08-4767a		12.5	10.7	12.0	9.6	14.5	
16	LD08-6972		15.3	13.2	14.5	11.4	16.9	
17	SS05-5228		20.2	18.6	19.0	17.2	21.5	
18	SS08-1430		14.7	13.2	14.0	11.6	16.7	
19	SS08-1697		17.1	14.4	16.5	12.4	17.4	
20	SS08-1740		16.1	13.0	16.5	11.3	18.4	
21	SS08-1960		13.2	11.5	13.5	10.0	16.0	
22	SS08-1974		16.5	13.7	15.0	10.6	16.5	
23	SS08-2028		14.3	12.7	13.5	11.1	16.9	
24	SS08-2930		16.0	14.9	16.5	11.9	18.3	

2011 SCN PRELIM TEST IIIB

Seed Weight (g/100)

		Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		MO	NE	NE	NE	IL	IL	KS
	SCN HG Type	1.2.5.7	I	I	I	NI	NI	NI
	Strain							
1	IA3023					12.3	12.0	12.3
2	IA3024					13.1	12.9	12.2
3	IA3048					12.3	10.8	12.9
4	IA4005					11.0	11.6	12.1
5	LD08- 756					10.7	10.3	11.7
6	LD08- 871					13.3	12.9	13.6
7	LD08-12425a					15.0	14.0	15.1
8	LD08-12426a					13.0	11.7	13.4
9	LD08-1566					11.1	10.1	10.3
10	LD08-1592					13.5	11.7	12.2
11	LD08-1646					11.2	10.5	10.7
12	LD08-1673					11.7	11.1	11.4
13	LD08-3611					11.1	10.9	12.0
14	LD08-3936					10.4	9.4	11.8
15	LD08-4767a					10.5	10.2	12.5
16	LD08-6972					13.4	12.0	13.3
17	SS05-5228					18.6	17.7	17.9
18	SS08-1430					12.1	12.2	11.6
19	SS08-1697					14.2	13.5	13.8
20	SS08-1740					14.4	13.5	12.4
21	SS08-1960					11.3	10.6	11.4
22	SS08-1974					13.5	12.0	11.9
23	SS08-2028					11.4	11.9	11.7
24	SS08-2930					15.1	12.7	12.8

2011 SCN PRELIM TEST IIIB

Protein (%)

		Muscatine	Belleville	Ashland	Pierce	Urbana
		IA	IL	KS	NE	IL
	SCN HG Type	2.7	1.2.5.7	2.5.7	I	NI
	Strain					
1	IA3023	30.1	30.8	31.4	33.8	31.1
2	IA3024	32.8	32.1	33.9	36.1	31.8
3	IA3048	32.1	34.5	32.3	35.3	32.2
4	IA4005	30.3	32.6	33.7	36.1	33.1
5	LD08- 756	30.8	30.8	37.3	33.3	30.4
6	LD08- 871	31.2	32.2	31.6	35.2	30.3
7	LD08-12425a	33.4	32.9	32.0	34.3	32.3
8	LD08-12426a	33.0	29.0	30.9	35.7	30.0
9	LD08-1566	32.4	33.0	33.9	36.8	33.8
10	LD08-1592	32.0	33.4	34.6	36.5	35.3
11	LD08-1646	30.6	31.7	33.0	35.5	31.5
12	LD08-1673	30.4	32.4	31.2	35.8	33.0
13	LD08-3611	34.9	33.9	34.1	37.1	33.3
14	LD08-3936	32.9	33.0	33.7	34.7	32.3
15	LD08-4767a	32.0	33.4	32.4	35.8	33.6
16	LD08-6972	32.7	32.7	31.8	35.1	30.8
17	SS05-5228	31.8	32.5	34.9	36.6	35.8
18	SS08-1430	33.9	35.5	36.0	37.7	36.3
19	SS08-1697	34.8	34.1	35.2	37.3	35.4
20	SS08-1740	34.2	33.1	34.1	38.2	34.4
21	SS08-1960	32.3	34.1	34.0	37.0	34.6
22	SS08-1974	35.5	34.9	36.1	37.4	35.6
23	SS08-2028	32.3	34.5	35.6	37.3	34.3
24	SS08-2930	31.2	34.1	34.3	36.3	35.0

2011 SCN PRELIM TEST IIIB

Oil (%)

		Muscatine	Belleville	Ashland	Pierce	Urbana
		IA	IL	KS	NE	IL
	SCN HG Type	2.7	1.2.5.7	2.5.7	I	NI
	Strain					
1	IA3023	20.8	20.6	19.3	16.6	20.4
2	IA3024	19.2	20.0	17.8	15.2	20.8
3	IA3048	19.1	18.6	18.3	16.2	20.4
4	IA4005	19.4	19.3	17.6	16.1	19.7
5	LD08- 756	20.7	20.8	14.3	18.1	20.7
6	LD08- 871	19.7	19.8	19.6	16.7	20.9
7	LD08-12425a	18.8	19.3	19.5	16.6	20.7
8	LD08-12426a	19.9	21.5	19.4	16.9	21.1
9	LD08-1566	19.1	19.8	18.5	16.8	18.7
10	LD08-1592	19.5	19.3	17.7	16.4	18.4
11	LD08-1646	19.9	19.8	18.3	16.8	20.5
12	LD08-1673	20.0	19.2	19.0	17.0	19.8
13	LD08-3611	18.8	19.6	18.5	16.2	20.5
14	LD08-3936	19.6	19.7	18.0	17.3	19.9
15	LD08-4767a	20.5	20.6	19.6	16.6	19.4
16	LD08-6972	19.9	20.1	19.0	16.5	20.3
17	SS05-5228	18.4	18.9	17.4	16.1	17.9
18	SS08-1430	18.4	17.7	17.7	15.0	17.9
19	SS08-1697	19.6	18.6	18.7	16.4	19.6
20	SS08-1740	18.5	19.2	18.0	16.2	19.1
21	SS08-1960	18.6	17.7	17.7	15.1	18.4
22	SS08-1974	18.0	18.6	17.6	15.3	18.2
23	SS08-2028	20.7	19.4	18.4	16.7	19.3
24	SS08-2930	18.4	18.3	18.3	16.4	18.5

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2011 SCN UNIFORM TEST IV

	Strain	Descriptive code	Parentage
1	LD00- 3309	PTbl	Maverick x Dwight
2	IA4005	WLtbl+bf	IA3023 x IA3025
3	LD00- 2817P	PGibl	Ina x Dwight
4	LD02- 9050	PTbl	LN97-24270 x LS93-0375
5	K07-1633	WLtbl	IA3023 x LD00-3309
6	K08-5026	PT+Ltbl	K03-2399 x LS01-1987
7	LD06-7609	WTbl	IA3023 x LD00- 3309
8	LD06-7620	PLtbl	IA3023 x LD00- 3309
9	LD06-8970	WGbf	LS93-0375 x LNX97164-35
10	LD07-3823	PTbr	LD01-5907 x LD00-3309
11	LS07-1934	PGbf	SS98-7851 x LD01-5907
12	LS07-1942	PGbf	SS98-7851 x LD01-5907
13	LS07-2935	PTbl	SS98-7851 x LD00-3309
14	LS07-3125	WGibl+bf	SS98-7851 x LD00-3309
15	LS07-3131	PGibl	SS98-7851 x LD00-3309

	Strain	Previous testing	Gen. Comp.	Traits
1	LD00- 3309	6	F5	
2	IA4005	New	F4	1% linolenic
3	LD00- 2817P	4	F5	
4	LD02- 9050	5	F5	
5	K07-1633	1	F4	
6	K08-5026	10SCN P IV	F4	
7	LD06-7609	1	F5	
8	LD06-7620	1	F5	
9	LD06-8970	1	F5	
10	LD07-3823	10SCN P IV	F5	
11	LS07-1934	10SCN P IV	F5	
12	LS07-1942	10SCN P IV	F5	
13	LS07-2935	10SCN P IV	F5	
14	LS07-3125	10SCN P IV	F5	
15	LS07-3131	10SCN P IV	F5	

2011 SCN UNIFORM TEST IV

		IL SCN screen				SIU SDS
		HG 0		HG 2.5.7		LSD = 25
	Strain	FI	rating	FI	rating	DX
1	LD00- 3309	14	R	59	LR	5
2	IA4005	57	LR	71	NR	29
3	LD00- 2817P	0	HR	3	HR	1
4	LD02- 9050	17	R	*98*	*NR*	0
5	K07-1633	9	HR	59	LR	2
6	K08-5026	24	R	66	NR	1
7	LD06-7609	6	HR	*78*	*NR*	6
8	LD06-7620	15	R	65	NR	0
9	LD06-8970	1	HR	41	LR	3
10	LD07-3823	5	HR	*78*	*NR*	5
11	LS07-1934	1	HR	10	R	6
12	LS07-1942	7	HR	*35*	*MR*	4
13	LS07-2935	5	HR	*88*	*NR*	9
14	LS07-3125	7	HR	63	NR	9
15	LS07-3131	7	HR	44	LR	19

2011 SCN UNIFOR TEST IV

Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	8		5		11	12	13	11	12	7	7
1	LD00- 3309	41.8	15	42.7	14	9/21	1.3	33	2.1	10.5	33.5	18.9
2	IA4005	45.6	10	48.8	1	4	1.2	30	1.7	12.0	33.3	19.0
3	LD00- 2817P	42.5	14	43.1	12	6	1.7	36	2.2	10.7	31.4	19.4
4	LD02- 9050	45.1	12	44.9	7	0	1.9	33	2.0	12.6	33.0	19.7
5	K07-1633	47.3	4	43.7	11	-1	1.7	33	2.1	12.1	33.3	19.1
6	K08-5026	44.3	13	38.7	15	3	2.2	35	2.1	12.2	33.9	18.6
7	LD06-7609	48.4	1	44.8	8	2	1.1	34	2.2	12.2	33.9	18.9
8	LD06-7620	46.8	5	42.9	13	0	1.3	30	2.0	12.2	33.4	19.2
9	LD06-8970	46.8	5	44.0	10	5	1.3	34	1.8	12.0	33.2	18.8
10	LD07-3823	45.2	11	45.4	6	2	1.1	31	1.8	12.0	32.8	19.2
11	LS07-1934	46.0	8	45.7	5	4	1.6	34	2.0	12.7	32.9	19.6
12	LS07-1942	46.1	7	44.5	9	7	1.5	37	2.0	13.0	33.2	19.2
13	LS07-2935	47.4	3	48.3	4	7	2.1	39	1.8	13.4	34.2	18.8
14	LS07-3125	46.0	8	48.4	3	5	1.1	35	1.6	11.5	33.1	19.9
15	LS07-3131	47.8	2	48.8	1	8	1.3	36	1.8	13.3	33.1	19.4

2 Year Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Locations	15		11		23	25	25	23	23	14	14
1	LD00- 3309	46.0	7	46.6	6	920	1.5	34	1.9	10.6	33.5	18.2
3	LD00- 2817P	47.4	6	48.4	2	6	1.8	37	2.3	10.9	31.6	18.8
4	LD02- 9050	48.1	5	47.0	5	-1	2.0	34	1.9	12.6	33.2	19.1
5	K07-1633	51.8	1	47.8	4	0	2.0	35	2.0	12.0	33.4	18.6
7	LD06-7609	50.8	3	47.9	3	2	1.4	35	2.0	12.4	33.9	18.3
8	LD06-7620	51.8	1	46.2	7	1	1.5	31	2.0	12.4	33.6	18.6
9	LD06-8970	50.6	4	49.2	1	4	1.6	35	1.9	12.0	33.3	18.4

2011 SCN UNFORM TEST IV

Yield (bu/a)

		Belleville	Dowell	Ashland	Lexington	Clarkton	Columbia	Novelty
		IL	IL	KS	KY	MO	MO	MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	I	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain							
1	LD00- 3309	53.0	43.3	64.8	52.3	23.4	47.9	35.4
2	IA4005	52.4	44.3	65.6	73.5	22.8	54.2	36.1
3	LD00- 2817P	55.5	39.3	64.6	49.1	26.4	49.7	41.6
4	LD02- 9050	65.8	40.9	61.1	56.9	29.6	49.2	40.3
5	K07-1633	59.7	52.4	65.8	62.2	36.8	48.7	37.1
6	K08-5026	67.0	33.2	67.3	52.4	31.5	46.0	39.6
7	LD06-7609	70.1	47.1	62.9	68.1	25.5	52.6	42.6
8	LD06-7620	55.6	48.6	68.9	70.0	20.8	51.1	41.5
9	LD06-8970	74.8	43.0	58.7	59.3	30.7	51.1	39.2
10	LD07-3823	60.9	48.9	66.4	57.2	30.8	55.3	26.5
11	LS07-1934	69.3	50.5	61.4	58.5	23.0	45.1	42.7
12	LS07-1942	62.9	50.1	61.2	52.7	28.8	51.0	42.8
13	LS07-2935	75.5	45.2	58.2	63.9	21.9	55.4	42.4
14	LS07-3125	60.5	47.4	63.8	59.3	25.6	54.1	39.1
15	LS07-3131	71.8	44.4	63.5	58.1	32.2	54.2	41.2
	Average	63.6	45.2	63.6	59.6	27.3	51.0	39.2
	LSD(.05)	14.8	9.7	7.9	6.1	9.1	4.7	5.6
	C.V. %	10.8	12.8	7.3	7.3	16.6	6.6	10.2
	Replications	2	3	3	3	3	3	3
	Row width (in.)	30	30	30	16	30	30	30

2011 SCN UNFORM TEST IV

Yield (bu/a)

		Grand Junction	Browns-town				Portage-ville	
		TN	IL	Harrisburg IL	Urbana IL	Ottawa KS	MO	Jackson TN
	SCN HG Type	I	NI	NI	NI	NI	NI	NI
	Strain							
1	LD00- 3309	14.3	30.7	57.4	43.8	16.7	64.7	29.2
2	IA4005	15.5	42.5	69.0	43.5	20.5	68.7	32.1
3	LD00- 2817P	13.6	29.5	54.4	47.1	21.9	62.4	23.1
4	LD02- 9050	16.7	34.8	64.6	48.1	13.9	63.1	29.5
5	K07-1633	15.4	32.3	61.3	43.0	14.5	67.4	23.6
6	K08-5026	17.6	24.8	50.7	38.4	17.9	61.9	21.6
7	LD06-7609	18.4	35.7	62.0	44.7	17.7	63.9	30.1
8	LD06-7620	17.8	30.4	60.5	39.4	17.8	66.3	29.4
9	LD06-8970	17.8	34.7	51.8	45.7	18.2	69.7	29.1
10	LD07-3823	15.9	34.5	60.8	46.3	17.9	67.5	28.9
11	LS07-1934	17.1	42.6	57.7	39.8	22.6	65.7	30.2
12	LS07-1942	19.2	38.5	55.8	41.0	22.2	65.1	27.0
13	LS07-2935	16.5	37.7	62.0	51.2	18.7	71.7	27.7
14	LS07-3125	18.3	41.3	71.7	39.7	21.9	67.3	27.4
15	LS07-3131	17.1	39.6	63.8	47.6	19.7	73.2	24.2
	Average	16.7	35.3	60.2	44.0	18.8	66.6	27.6
	LSD(.05)	2.0	6.8	5.8	7.7	2.9	10.2	9.8
	C.V. %	18.0	9.5	5.7	9.0	9.1	7.6	21.3*
	Replications	4	2	3	2	3	3	3
	Row width (in.)	30	30	30	30	30	30	30

2011 SCN UNIFORM TEST IV

Yield (rank)

		Belleville	Dowell	Ashland	Lexington	Clarkton	Columbia	Novelty
		IL	IL	KS	KY	MO	MO	MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	I	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain							
1	LD00- 3309	14	11	6	14	11	13	14
2	IA4005	15	10	5	1	13	3	13
3	LD00- 2817P	13	14	7	15	8	10	5
4	LD02- 9050	7	13	13	11	6	11	8
5	K07-1633	11	1	4	5	1	12	12
6	K08-5026	6	15	2	13	3	14	9
7	LD06-7609	4	7	10	3	10	6	3
8	LD06-7620	12	5	1	2	15	7	6
9	LD06-8970	2	12	14	7	5	7	10
10	LD07-3823	9	4	3	10	4	2	15
11	LS07-1934	5	2	11	8	12	15	2
12	LS07-1942	8	3	12	12	7	9	1
13	LS07-2935	1	8	15	4	14	1	4
14	LS07-3125	10	6	8	6	9	5	11
15	LS07-3131	3	9	9	9	2	3	7

2011 SCN UNIFORM TEST IV

Yield (rank)

		Grand Junction TN	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Portage-ville MO	Jackson TN
	SCN HG Type	I	NI	NI	NI	NI	NI	NI
	Strain							
1	LD00- 3309	14	12	11	8	13	11	6
2	IA4005	12	2	2	9	5	4	1
3	LD00- 2817P	15	14	13	4	3	14	14
4	LD02- 9050	9	8	3	2	15	13	4
5	K07-1633	13	11	7	10	14	6	13
6	K08-5026	6	15	15	15	9	15	15
7	LD06-7609	2	7	5	7	12	12	3
8	LD06-7620	4	13	9	14	11	8	5
9	LD06-8970	4	9	14	6	8	3	7
10	LD07-3823	11	10	8	5	9	5	8
11	LS07-1934	7	1	10	12	1	9	2
12	LS07-1942	1	5	12	11	2	10	11
13	LS07-2935	10	6	5	1	7	2	9
14	LS07-3125	3	3	1	13	3	7	10
15	LS07-3131	7	4	4	3	6	1	12

2011 SCN UNIFORM TEST IV

Maturity

		Belleville IL	Dowell IL	Ashland KS	Lexington KY	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	I	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain							
1	LD00- 3309	10/5	9/22		9/25	9/10	10/1	
2	IA4005	2	6		2	0	4	
3	LD00- 2817P	6	9		3	5	5	
4	LD02- 9050	0	0		-1	-2	1	
5	K07-1633	0	0		-1	-1	3	
6	K08-5026	7	6		1	3	4	
7	LD06-7609	0	1		0	3	2	
8	LD06-7620	-1	2		-1	1	1	
9	LD06-8970	8	6		2	2	4	
10	LD07-3823	2	-2		-1	3	2	
11	LS07-1934	5	7		0	0	5	
12	LS07-1942	8	10		3	0	8	
13	LS07-2935	6	8		4	5	7	
14	LS07-3125	5	4		-1	2	6	
15	LS07-3131	7	6		3	5	6	
	Planted	6/8	6/2	6/1	5/12	5/5	5/23	5/16

2011 SCN UNIFORM TEST IV

Maturity

		Grand Junction TN	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Portage-ville MO	Jackson TN
	SCN HG Type	I	NI	NI	NI	NI	NI	NI
	Strain							
1	LD00- 3309	9/7	9/22	9/21	9/26		9/25	9/2
2	IA4005	5	5	6	-1		7	3
3	LD00- 2817P	5	8	7	8		9	4
4	LD02- 9050	3	-1	1	-3		1	-2
5	K07-1633	1	-3	-1	-3		1	-4
6	K08-5026	2	3	5	0		7	-2
7	LD06-7609	2	1	2	1		2	3
8	LD06-7620	3	-4	1	-3		3	-1
9	LD06-8970	7	9	7	5		7	3
10	LD07-3823	4	0	2	4		6	-1
11	LS07-1934	5	6	6	4		6	-1
12	LS07-1942	7	11	10	8		10	1
13	LS07-2935	8	9	11	8		8	2
14	LS07-3125	3	10	9	8		6	2
15	LS07-3131	8	11	12	10		10	6
	Planted	5/19	5/18	5/31	5/13	6/7	5/31	5/18

2011 SCN UNIFORM TEST IV

Lodging (score)

		Belleville IL	Dowell IL	Ashland KS	Lexington KY	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	I	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain							
1	LD00- 3309	1.0	1.7	1.0	2.7	1.0	1.0	
2	IA4005	1.0	1.0	1.0	1.3	1.0	1.0	
3	LD00- 2817P	1.5	1.7	2.0	2.3	2.0	2.0	
4	LD02- 9050	2.0	2.0	2.0	3.7	2.0	3.0	
5	K07-1633	1.0	2.3	1.3	3.0	2.0	2.0	
6	K08-5026	1.5	2.7	2.7	4.3	3.0	2.0	
7	LD06-7609	1.0	1.0	1.0	1.3	1.0	1.0	
8	LD06-7620	1.0	1.0	1.3	2.7	1.0	1.0	
9	LD06-8970	1.0	1.0	1.0	1.0	1.0	2.0	
10	LD07-3823	1.0	1.0	1.0	1.3	1.0	1.0	
11	LS07-1934	1.0	2.7	1.7	1.3	1.0	3.0	
12	LS07-1942	2.0	2.3	1.7	1.3	1.0	1.0	
13	LS07-2935	2.0	2.7	2.7	3.0	2.0	2.0	
14	LS07-3125	1.0	1.7	1.0	1.3	1.0	1.0	
15	LS07-3131	1.0	2.0	1.3	1.7	1.0	1.0	

Height (inches)

		Belleville IL	Dowell IL	Ashland KS	Lexington KY	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	I	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain							
1	LD00- 3309	29	38	45	42	20	32	
2	IA4005	24	35	41	37	22	30	
3	LD00- 2817P	29	40	49	44	24	36	
4	LD02- 9050	27	37	45	40	25	31	
5	K07-1633	27	39	43	41	25	31	
6	K08-5026	31	39	45	41	27	32	
7	LD06-7609	31	39	45	44	25	31	
8	LD06-7620	25	34	42	39	22	28	
9	LD06-8970	30	40	44	40	23	34	
10	LD07-3823	26	38	42	39	21	32	
11	LS07-1934	27	42	48	42	19	30	
12	LS07-1942	29	43	50	45	23	37	
13	LS07-2935	36	45	49	51	23	37	
14	LS07-3125	29	40	44	44	24	35	
15	LS07-3131	29	44	48	45	24	32	

2011 SCN UNIFORM TEST IV

Lodging (score)

		Grand Junction TN	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Portage-ville MO	Jackson TN
	SCN HG Type	I	NI	NI	NI	NI	NI	NI
	Strain							
1	LD00- 3309		1.0	1.0	1.3	1.0	2.0	1.0
2	IA4005		1.3	1.7	1.0	1.0	2.0	1.0
3	LD00- 2817P		1.5	1.3	1.0	1.0	3.0	1.0
4	LD02- 9050		1.0	1.7	1.3	1.0	2.0	1.7
5	K07-1633		1.0	1.0	1.3	1.0	3.0	1.3
6	K08-5026		1.0	2.0	1.3	1.0	3.0	2.0
7	LD06-7609		1.0	1.0	1.0	1.0	2.0	1.0
8	LD06-7620		1.0	1.0	1.0	1.0	2.0	1.0
9	LD06-8970		1.5	1.3	1.3	1.0	2.0	1.7
10	LD07-3823		1.0	1.0	1.0	1.0	1.0	1.3
11	LS07-1934		1.3	2.0	1.5	1.0	2.0	1.0
12	LS07-1942		1.3	1.7	1.3	1.0	2.0	1.0
13	LS07-2935		1.5	2.0	1.8	1.0	3.0	1.7
14	LS07-3125		1.3	1.0	1.3	1.0	1.0	1.0
15	LS07-3131		1.3	1.3	1.3	1.0	2.0	1.0

Height (inches)

		Grand Junction TN	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Portage-ville MO	Jackson TN
	SCN HG Type	I	NI	NI	NI	NI	NI	NI
	Strain							
1	LD00- 3309	25	31	38	35	22	36	37
2	IA4005	24	26	38	29	23	34	31
3	LD00- 2817P	28	34	44	38	24	40	35
4	LD02- 9050	27	33	41	33	24	34	36
5	K07-1633	27	30	42	34	20	35	36
6	K08-5026	30	32	44	35	26	36	38
7	LD06-7609	29	31	42	36	23	35	35
8	LD06-7620	26	27	36	30	20	34	31
9	LD06-8970	31	31	41	35	24	36	34
10	LD07-3823	24	31	36	32	21	32	32
11	LS07-1934	30	31	43	35	27	35	36
12	LS07-1942	31	31	45	37	28	36	41
13	LS07-2935	33	37	46	44	29	39	40
14	LS07-3125	29	31	43	38	23	38	33
15	LS07-3131	30	35	42	38	24	37	36

2011 SCN UNIFORM TEST IV

Seed Quality (score)

		Belleville IL	Dowell IL	Ashland KS	Lexington KY	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	I	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain							
1	LD00- 3309	1.0	1.0	4.0	2.0	2.0		
2	IA4005	1.0	1.0	2.0	1.0	3.0		
3	LD00- 2817P	1.0	1.0	3.0	2.0	3.0		
4	LD02- 9050	2.0	1.0	2.0	1.0	4.0		
5	K07-1633	1.0	2.0	2.0	3.0	3.0		
6	K08-5026	1.0	1.0	3.0	2.0	2.0		
7	LD06-7609	1.0	1.0	3.0	3.0	4.0		
8	LD06-7620	2.0	1.0	2.0	2.0	2.0		
9	LD06-8970	1.0	1.0	3.0	1.0	2.0		
10	LD07-3823	1.0	1.0	3.0	1.0	3.0		
11	LS07-1934	1.0	2.0	3.0	1.0	3.0		
12	LS07-1942	1.0	1.0	3.0	2.0	2.0		
13	LS07-2935	1.0	1.0	3.0	2.0	3.0		
14	LS07-3125	1.0	1.0	2.0	1.0	3.0		
15	LS07-3131	1.0	1.0	3.0	2.0	2.0		

Seed Weight (g/100)

		Belleville IL	Dowell IL	Ashland KS	Lexington KY	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	I	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain							
1	LD00- 3309	11.1	8.4	13.0	11.0	12.6		
2	IA4005	12.1	9.5	16.2	14.0	13.8		
3	LD00- 2817P	11.1	9.5	14.2	12.0	12.6		
4	LD02- 9050	13.2	9.8	16.6	15.0	14.7		
5	K07-1633	12.0	9.7	16.1	15.0	15.1		
6	K08-5026	13.4	9.7	16.2	14.0	14.3		
7	LD06-7609	12.8	9.8	14.7	15.0	13.8		
8	LD06-7620	11.6	10.6	14.5	14.0	14.1		
9	LD06-8970	12.2	9.0	14.9	15.0	15.0		
10	LD07-3823	12.9	9.1	15.3	14.0	13.8		
11	LS07-1934	13.5	10.7	15.6	13.0	15.2		
12	LS07-1942	13.6	12.7	16.6	13.0	15.4		
13	LS07-2935	13.7	11.0	15.3	16.0	16.1		
14	LS07-3125	12.1	9.0	14.3	12.0	14.3		
15	LS07-3131	13.9	9.8	16.6	14.0	16.4		

2011 SCN UNIFORM TEST IV

Seed Quality (score)

		Grand Junction TN	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Portage-ville MO	Jackson TN
	SCN HG Type	I	NI	NI	NI	NI	NI	NI
	Strain							
1	LD00- 3309		2.0	2.0	2.0	2.0	4.0	1.3
2	IA4005		1.0	2.0	1.0	2.0	3.0	1.7
3	LD00- 2817P		1.0	2.0	2.0	2.0	4.0	3.7
4	LD02- 9050		1.0	3.0	1.0	2.0	3.0	2.0
5	K07-1633		1.0	2.0	1.0	3.0	3.0	2.3
6	K08-5026		2.0	3.0	2.0	2.0	3.0	2.0
7	LD06-7609		1.0	2.0	1.0	2.0	4.0	2.3
8	LD06-7620		1.0	3.0	1.0	2.0	4.0	2.0
9	LD06-8970		1.0	3.0	1.0	2.0	2.0	2.7
10	LD07-3823		1.0	2.0	1.0	2.0	3.0	2.3
11	LS07-1934		1.0	3.0	1.0	2.0	3.0	2.3
12	LS07-1942		1.0	3.0	1.0	2.0	3.0	3.3
13	LS07-2935		1.0	3.0	1.0	2.0	2.0	1.3
14	LS07-3125		1.0	2.0	1.0	2.0	2.0	1.7
15	LS07-3131		1.0	3.0	1.0	2.0	2.0	1.7

Seed Weight (g/100)

		Grand Junction TN	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Portage-ville MO	Jackson TN
	SCN HG Type	I	NI	NI	NI	NI	NI	NI
	Strain							
1	LD00- 3309	11.6	7.9	10.0	9.8	11.5	10.0	9.2
2	IA4005	13.0	10.4	11.5	10.5	12.2	10.4	10.9
3	LD00- 2817P	11.2	8.7	9.5	10.1	10.9	9.7	8.9
4	LD02- 9050	12.5	9.6	12.4	11.2	11.9	12.1	11.6
5	K07-1633	12.4	8.3	11.0	10.5	12.8	11.6	10.6
6	K08-5026	12.7	9.0	11.2	10.2	12.1	12.9	11.3
7	LD06-7609	12.6	10.2	11.6	11.1	11.1	12.8	11.1
8	LD06-7620	13.3	9.2	11.8	11.7	12.2	12.5	10.4
9	LD06-8970	12.3	9.3	11.2	11.4	11.4	11.5	10.5
10	LD07-3823	12.6	9.0	11.1	11.4	11.8	12.9	10.4
11	LS07-1934	13.7	10.7	12.3	11.6	12.8	12.6	11.3
12	LS07-1942	13.1	11.0	12.6	12.1	12.3	12.0	11.4
13	LS07-2935	14.2	11.7	12.7	13.4	13.1	12.5	11.5
14	LS07-3125	11.9	10.0	11.3	10.4	11.4	10.8	10.2
15	LS07-3131	13.3	11.6	13.2	12.5	13.1	12.9	12.1

2011 SCN UNIFORM TEST IV

Protein (%)

		Belleville	Lexington	Browns-town	Urbana	Portage-ville	Jackson
		IL	KY	IL	IL	MO	TN
	SCN HG Type	1.2.5.7	I	NI	NI	NI	NI
	Strain						
1	LD00- 3309	34.1	35.7	33.0	31.1	34.3	32.8
2	IA4005	32.8	35.2	31.4	32.1	35.0	32.9
3	LD00- 2817P	31.2	34.0	28.6	30.2	32.6	32.8
4	LD02- 9050	33.8	34.8	32.0	31.6	33.9	31.8
5	K07-1633	32.4	36.6	31.4	30.7	35.1	33.0
6	K08-5026	33.3	36.3	32.6	32.1	35.8	33.8
7	LD06-7609	34.6	35.8	32.7	31.2	36.2	33.8
8	LD06-7620	32.6	34.4	32.7	31.8	35.3	33.5
9	LD06-8970	31.4	36.0	32.3	31.7	34.6	33.6
10	LD07-3823	31.6	34.3	32.6	32.0	34.5	32.0
11	LS07-1934	31.6	35.6	30.0	30.1	35.1	33.4
12	LS07-1942	32.0	36.1	29.6	31.1	35.4	33.7
13	LS07-2935	34.8	35.7	33.8	33.0	34.6	33.4
14	LS07-3125	33.3	35.5	31.5	31.0	33.1	34.1
15	LS07-3131	33.2	35.4	32.1	31.4	33.6	32.9

Oil (%)

		Belleville	Lexington	Browns-town	Urbana	Portage-ville	Jackson
		IL	KY	IL	IL	MO	TN
	SCN HG Type	1.2.5.7	I	NI	NI	NI	NI
	Strain						
1	LD00- 3309	18.9	18.1	18.6	19.8	19.5	18.5
2	IA4005	19.0	17.9	20.2	19.9	19.6	18.7
3	LD00- 2817P	19.1	18.8	20.4	19.9	19.8	17.7
4	LD02- 9050	19.9	19.1	20.5	20.4	20.5	19.7
5	K07-1633	19.8	18.1	20.4	19.8	19.3	17.7
6	K08-5026	18.3	17.7	19.3	18.9	18.6	18.2
7	LD06-7609	18.4	18.7	20.0	19.4	18.9	18.5
8	LD06-7620	19.9	19.2	19.5	20.4	18.7	18.8
9	LD06-8970	18.8	17.8	19.1	19.1	19.3	18.7
10	LD07-3823	19.7	18.9	19.4	19.4	19.5	18.3
11	LS07-1934	19.2	18.3	21.2	20.5	20.1	18.9
12	LS07-1942	19.1	18.0	21.1	20.3	20.0	18.0
13	LS07-2935	18.4	18.8	19.2	19.0	19.9	18.4
14	LS07-3125	18.6	19.0	20.9	20.6	21.2	20.1
15	LS07-3131	19.1	18.5	20.3	20.6	20.6	18.7

2011 SCN PRELIM TEST IV

	Strain	Descriptive code	Parentage	Gen. Comp.	Traits
1	LD00- 3309	PTbl	Maverick x Dwight	F5	
2	IA4005	WLtbl+bf	IA3023 x IA3025	F4	1% linolenic
3	LD00- 2817P	PGibl	Ina x Dwight	F5	
4	LD02- 9050	PTbl	LN97-24270 x LS93-0375	F5	
5	K09-1195	PTbl	435.TCS x KS4607	F4	
6	K09-1196	PTbl	435.TCS x KS4607	F4	
7	K09-1290	PGbl	IA3023 x 435.TCS	F4	
8	K09-1319	PT+Gbl	IA3023 x 435.TCS	F4	
9	K09-1523	PTbl	435.TCS x U98-311422	F4	
10	K09-1543	PT+Gbl	435.TCS x U98-311422	F4	
11	K09-1599	PGbf	435.TCS x MD03-5453	F4	
12	LD08-1719	PTbl	LD03-7607 x LD00-3309	F5	
13	LD08-1935	PGbf	SS02-7620 x LD00-2817P	F5	
14	LD08-7227	P+WT+Gbl+ibl	Soygenetics M30121 x LD02-5137	F5	
15	LD08-7916a	PGy+gr	LD01-7323 x [LD00-3309(3)x(LD00-4970(2)x(Dowling x Dwight))]	F5	Rag1
16	LS08-3120	PTbr	Garst b99-17498 x LS01-1158	F6	
17	LS08-4141	PTbl	LS00-4221 x LS01-1804	F6	
18	LS08-4348	PTbl	CRS3C8 x LS00-6996	F6	
19	LS08-4418	WTbl	LS01-3450 x LS98-0582	F6	
20	LS08-4542	WTbl	LS01-3450 x LS01-1734	F6	
21	LS08-4637	WTbl	LS01-3450 x LS01-1734	F6	
22	LS08-4934	WT+Gbl+bf	LS00-4221 x LS01-1158	F6	
23	LS08-4941	PGibl	LS00-4221 x LS01-1158	F6	
24	LS08-5515	WTbl	LS97-3617 x LS98-0582	F6	
25	LS08-5552	WTbl	LS97-3617 x LS98-0582	F6	
26	LS08-5837	WTbl	LS93-0375 x LS98-0582	F6	
27	LS08-5852	MTbl	LS93-0375 x LS98-0582	F6	
28	LS08-6003	WT+Gbl+bf	MD96-5722 x LS01-0971	F6	
29	LS08-6034	PGibl	MD96-5722 x LS01-0971	F6	
30	SS08-1657	WTbl	LS02-2213 x (SS02-8173 x PI438503A)	F5	
31	SS08-1765	PTbl	MPV4238N x (SS02-8173 x PI438503A)	F5	
32	SS08-18103	PGbf	Patriot x SSN02-12312	F5	
33	SS08-1813	WTbl	Patriot x (SS02-8173 x PI438503A)	F5	
34	SS08-2867	WTgr	LS02-2213 x (SS02-8173 x PI438503A)	F5	
35	SS08-2883	WTgr	LS02-2213 x (SS02-8173 x PI438503A)	F5	
36	SS08-2927	WTgr	LS02-2213 x (SS02-8173 x PI438503A)	F5	

2011 SCN PRELIM TEST IV

		IL SCN screen			
		HG Type 0		HG Type 2.5.7	
	Strain	FI	rating	FI	rating
1	LD00- 3309	14	R	59	LR
2	IA4005	57	LR	71	NR
3	LD00- 2817P	0	HR	3	HR
4	LD02- 9050	17	R	*98*	*NR*
5	K09-1195	51	LR	63	NR
6	K09-1196	58	LR	72	NR
7	K09-1290	26	MR	*51*	**
8	K09-1319	31	**	80	NR
9	K09-1523	9	HR	62	NR
10	K09-1543	18	R	80	NR
11	K09-1599	19	R	56	LR
12	LD08-1719	7	HR	52	LR
13	LD08-1935	2	HR	24	R
14	LD08-7227	6	HR	52	LR
15	LD08-7916a	6	HR	53	LR
16	LS08-3120	11	R	56	LR
17	LS08-4141	3	HR	60	NR
18	LS08-4348	2	HR	61	NR
19	LS08-4418	4	HR	63	NR
20	LS08-4542	5	HR	41	LR
21	LS08-4637	8	HR	*45*	**
22	LS08-4934	2	HR	63	NR
23	LS08-4941	9	HR	58	LR
24	LS08-5515	7	HR	60	NR
25	LS08-5552	9	HR	59	LR
26	LS08-5837	4	HR	61	NR
27	LS08-5852	16	R	63	NR
28	LS08-6003	47	LR	51	LR
29	LS08-6034	74	NR	65	NR
30	SS08-1657	1	HR	*44*	**
31	SS08-1765	13	**	71	NR
32	SS08-18103	24	R	66	NR
33	SS08-1813	0	HR	1	HR
34	SS08-2867	10	R	59	LR
35	SS08-2883	3	HR	84	NR
36	SS08-2927	6	HR	60	NR

2011 SCN PRELIM TEST IV
Summary

		Yield							Seed			
		Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
	Strain	bu/a	rank	bu/a	rank	date	score	inches	score	g/100	@13%	@13%
	Location	5		4		8	10	10	9	9	4	4
1	LD00- 3309	49.4	31	36.9	25	9/21	1.2	33	2.1	9.9	32.7	18.9
2	IA4005	52.8	14	45.4	1	5	1.1	30	1.4	11.8	32.7	19.8
3	LD00- 2817P	54.9	3	38.3	18	6	1.5	35	2.3	10.8	31.3	19.1
4	LD02- 9050	53.2	11	40.9	7	0	1.6	33	1.8	12.0	32.8	19.9
5	K09-1195	51.4	20	39.6	12	13	1.2	35	2.1	13.6	36.9	18.0
6	K09-1196	46.8	35	40.3	9	8	1.1	31	1.7	11.5	35.2	18.4
7	K09-1290	52.2	18	43.0	4	2	1.3	33	2.0	13.1	34.0	18.8
8	K09-1319	50.7	22	40.5	8	5	1.5	33	1.6	13.0	33.9	19.3
9	K09-1523	49.6	29	38.7	17	2	1.6	31	2.0	12.2	33.8	19.3
10	K09-1543	52.6	16	39.8	10	6	1.2	32	2.0	11.9	33.8	19.0
11	K09-1599	57.5	1	43.4	3	4	1.6	35	1.8	13.3	32.7	20.5
12	LD08-1719	53.2	11	38.8	16	-1	1.4	32	1.6	10.7	32.4	20.0
13	LD08-1935	50.1	26	36.7	28	3	1.0	29	1.8	10.9	33.3	19.3
14	LD08-7227	55.0	2	41.1	6	1	1.5	32	1.9	12.6	32.8	20.0
15	LD08-7916a	53.5	9	37.2	24	5	1.4	30	2.0	11.0	32.4	19.4
16	LS08-3120	53.7	6	36.8	27	7	1.3	34	1.5	12.1	35.2	18.0
17	LS08-4141	44.9	36	36.4	30	6	2.0	34	1.8	13.0	34.1	18.5
18	LS08-4348	50.1	26	39.8	10	7	1.4	35	1.8	12.2	33.0	19.2
19	LS08-4418	49.2	32	42.2	5	4	1.3	37	1.5	12.0	34.2	18.4
20	LS08-4542	51.0	21	35.9	31	0	1.3	35	1.8	12.1	33.8	19.1
21	LS08-4637	50.2	25	37.3	22	6	2.4	36	1.8	12.7	33.3	19.1
22	LS08-4934	52.1	19	37.5	21	9	1.6	35	1.8	12.2	35.1	18.4
23	LS08-4941	54.6	5	37.3	23	5	2.1	37	2.1	12.4	34.6	18.6
24	LS08-5515	53.4	10	37.8	19	8	1.7	37	1.7	10.9	33.7	19.3
25	LS08-5552	52.9	13	39.1	15	13	2.3	37	1.7	12.4	34.8	17.7
26	LS08-5837	54.9	3	37.6	20	5	1.4	35	1.7	12.4	34.1	18.3
27	LS08-5852	52.7	15	39.3	13	10	2.2	36	1.6	11.5	33.6	18.4
28	LS08-6003	52.5	17	36.4	29	9	1.6	35	1.8	12.9	33.1	19.7
29	LS08-6034	53.6	8	44.0	2	9	1.9	36	1.8	15.2	34.7	18.7
30	SS08-1657	50.0	28	36.9	25	8	1.5	37	1.5	12.1	32.1	19.6
31	SS08-1765	49.5	30	39.3	13	10	1.6	34	2.3	14.2	33.2	19.1
32	SS08-18103	48.3	33	34.4	33	14	1.7	37	2.3	11.3	35.0	18.0
33	SS08-1813	53.7	6	32.3	34	10	1.6	37	1.8	12.2	34.5	18.6
34	SS08-2867	48.1	34	31.8	36	7	2.3	39	1.6	11.7	35.2	18.1
35	SS08-2883	50.6	23	32.1	35	4	2.3	40	1.8	11.8	34.0	18.6
36	SS08-2927	50.3	24	34.6	32	5	2.1	39	1.8	12.8	34.7	18.1

2011 SCN PRELIM TEST IV
Yield (bu/a)

		Belleville IL	Dowell IL	Ashland KS	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain						
1	LD00- 3309	62.2	38.3	58.6	25.5	44.2	43.6
2	IA4005	65.7	49.3	62.3	17.4	38.9	48.0
3	LD00- 2817P	66.4	44.7	69.6	18.4	45.2	48.7
4	LD02- 9050	57.5	48.2	72.0	22.7	40.7	47.5
5	K09-1195	71.4	52.1	50.7	16.0	44.2	38.8
6	K09-1196	57.5	39.0	57.3	18.3	37.0	43.4
7	K09-1290	55.7	51.5	67.4	24.4	38.9	47.6
8	K09-1319	62.9	50.9	50.1	15.9	32.2	57.3
9	K09-1523	54.5	45.3	57.4	23.6	45.2	45.5
10	K09-1543	64.0	48.3	66.2	13.3	44.4	40.0
11	K09-1599	62.3	58.3	68.4	23.2	45.3	53.3
12	LD08-1719	50.2	49.6	63.3	23.5	51.5	51.5
13	LD08-1935	48.6	44.0	63.5	18.5	50.3	44.3
14	LD08-7227	70.3	51.1	60.2	16.1	49.8	43.8
15	LD08-7916a	68.4	42.2	65.9	4.9	42.8	48.1
16	LS08-3120	67.6	51.8	63.7	26.4	43.7	41.6
17	LS08-4141	56.8	30.4	51.3	15.9	43.9	41.9
18	LS08-4348	71.0	35.0	52.5	19.5	45.2	47.0
19	LS08-4418	60.9	40.0	53.1	29.0	45.0	47.2
20	LS08-4542	59.6	42.6	58.2	17.6	44.6	49.8
21	LS08-4637	68.4	34.3	59.7	30.9	38.6	49.9
22	LS08-4934	67.6	45.8	60.5	19.8	41.8	44.7
23	LS08-4941	67.7	48.1	59.9	15.3	44.6	52.6
24	LS08-5515	68.3	39.2	57.0	11.9	50.3	52.0
25	LS08-5552	69.2	47.6	48.8	22.0	52.2	46.6
26	LS08-5837	71.4	39.6	61.8	12.1	46.3	55.3
27	LS08-5852	70.8	42.3	58.8	14.7	38.0	53.7
28	LS08-6003	68.6	46.3	50.8	14.2	46.7	50.2
29	LS08-6034	64.7	43.5	50.0	12.4	47.4	62.3
30	SS08-1657	63.2	48.1	54.7	12.7	38.3	45.8
31	SS08-1765	63.2	41.5	57.0	17.1	43.7	42.1
32	SS08-18103	57.9	41.3	49.7	16.5	42.2	50.5
33	SS08-1813	63.3	48.4	57.2	24.3	51.1	48.6
34	SS08-2867	60.8	33.3	56.2	10.2	43.0	47.0
35	SS08-2883	62.7	38.8	64.6	7.7	40.9	46.1
36	SS08-2927	61.6	44.1	52.5	19.4	49.5	44.0
	Average	63.4	44.3	58.6	18.1	44.1	47.8
	LSD(.05)	13.4	11.1	6.6	11.7	5.1	6.2
	C.V. %	10.4	12.3	5.6	26.6*	6.8	7.5
	Replications	2	2	2	2	2	2
	Row width (in.)	30	30	30	30	30	30

2011 SCN PRELIM TEST IV
Yield (bu/a)

	SCN HG Type	Browns-town IL NI	Harrisburg IL NI	Urbana IL NI	Ottawa KS NI	Jackson TN NI
	Strain					
1	LD00- 3309	30.7	52.8	43.8	20.4	35.1
2	IA4005	42.5	72.1	43.5	23.5	49.9
3	LD00- 2817P	29.5	51.3	47.1	25.4	24.2
4	LD02- 9050	34.8	57.9	48.1	22.9	36.9
5	K09-1195	38.8	58.9	43.5	17.3	25.9
6	K09-1196	34.4	60.3	42.4	24.1	35.4
7	K09-1290	38.9	63.3	45.3	24.5	47.2
8	K09-1319	37.7	58.8	43.4	22.3	46.8
9	K09-1523	40.5	51.9	37.8	24.8	44.1
10	K09-1543	40.3	57.5	41.4	19.8	36.2
11	K09-1599	41.5	61.6	48.2	22.3	38.0
12	LD08-1719	31.8	57.6	45.4	20.4	39.4
13	LD08-1935	37.6	49.6	37.9	21.7	31.9
14	LD08-7227	39.1	53.2	46.7	25.4	33.5
15	LD08-7916a	30.0	54.8	42.8	21.1	35.8
16	LS08-3120	33.0	52.0	39.8	22.3	28.0
17	LS08-4141	34.3	48.9	43.7	18.6	27.5
18	LS08-4348	39.9	50.4	46.0	22.9	17.6
19	LS08-4418	39.3	55.6	52.2	21.7	23.6
20	LS08-4542	31.5	46.7	45.0	20.4	44.0
21	LS08-4637	29.7	51.2	46.9	21.3	39.3
22	LS08-4934	34.0	53.3	40.6	22.3	43.7
23	LS08-4941	37.5	49.0	37.8	24.8	42.7
24	LS08-5515	34.6	49.7	39.7	27.2	35.3
25	LS08-5552	38.8	51.2	41.2	25.4	36.4
26	LS08-5837	32.2	51.4	45.2	21.7	29.4
27	LS08-5852	38.7	48.2	45.5	24.8	26.4
28	LS08-6003	37.8	49.9	36.2	21.7	32.9
29	LS08-6034	41.0	60.6	47.6	26.6	30.5
30	SS08-1657	32.7	47.4	45.3	22.3	36.2
31	SS08-1765	41.7	55.9	35.5	24.1	39.1
32	SS08-18103	34.9	47.6	28.5	26.6	28.7
33	SS08-1813	27.4	43.5	34.1	24.1	38.5
34	SS08-2867	24.1	51.6	33.1	18.6	25.1
35	SS08-2883	27.2	46.8	36.4	18.0	35.9
36	SS08-2927	29.9	51.8	37.4	19.2	34.7
	Average	35.2	53.4	42.1	22.5	34.9
	LSD(.05)	6.8	7.6	7.7	5.2	20.7
	C.V. %	9.5	7.0	9.0	11.3	29.1*
	Replications	2	2	2	2	2
	Row width (in.)	30	30	30	30	30

*Data not included when calculating means for summary table.

2011 SCN PRELIM TEST IV
Yield (rank)

		Belleville	Dowell	Ashland	Clarkton	Columbia	Novelty
		IL	IL	KS	MO	MO	MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain						
1	LD00- 3309	24	32	18	4	19	30
2	IA4005	15	8	11	19	30	16
3	LD00- 2817P	14	18	2	16	12	13
4	LD02- 9050	30	11	1	10	29	18
5	K09-1195	1	2	32	23	19	36
6	K09-1196	30	30	21	17	35	31
7	K09-1290	33	4	4	5	30	17
8	K09-1319	21	6	33	24	36	2
9	K09-1523	34	17	20	7	12	25
10	K09-1543	17	10	5	29	18	35
11	K09-1599	23	1	3	9	11	5
12	LD08-1719	35	7	10	8	2	8
13	LD08-1935	36	20	9	15	4	27
14	LD08-7227	5	5	14	22	6	29
15	LD08-7916a	8	24	6	36	25	15
16	LS08-3120	12	3	8	3	22	34
17	LS08-4141	32	36	30	24	21	33
18	LS08-4348	3	33	28	13	12	20
19	LS08-4418	26	27	27	2	15	19
20	LS08-4542	28	22	19	18	16	12
21	LS08-4637	8	34	16	1	32	11
22	LS08-4934	12	16	13	12	27	26
23	LS08-4941	11	12	15	26	16	6
24	LS08-5515	10	29	23	33	4	7
25	LS08-5552	6	14	36	11	1	22
26	LS08-5837	1	28	12	32	10	3
27	LS08-5852	4	23	17	27	34	4
28	LS08-6003	7	15	31	28	9	10
29	LS08-6034	16	21	34	31	8	1
30	SS08-1657	19	12	26	30	33	24
31	SS08-1765	19	25	23	20	22	32
32	SS08-18103	29	26	35	21	26	9
33	SS08-1813	18	9	22	6	3	14
34	SS08-2867	27	35	25	34	24	20
35	SS08-2883	22	31	7	35	28	23
36	SS08-2927	25	19	28	14	7	28

2011 SCN PRELIM TEST IV
Yield (rank)

	SCN HG Type	Browns-town IL NI	Harrisburg IL NI	Urbana IL NI	Ottawa KS NI	Jackson TN NI
	Strain					
1	LD00- 3309	29	16	15	28	21
2	IA4005	1	1	17	14	1
3	LD00- 2817P	33	22	5	4	34
4	LD02- 9050	19	8	3	15	13
5	K09-1195	11	6	17	36	32
6	K09-1196	21	5	21	11	19
7	K09-1290	10	2	11	10	2
8	K09-1319	15	7	19	17	3
9	K09-1523	5	18	28	7	4
10	K09-1543	6	10	22	31	15
11	K09-1599	3	3	2	17	12
12	LD08-1719	27	9	10	28	8
13	LD08-1935	16	28	27	22	25
14	LD08-7227	9	15	7	4	23
15	LD08-7916a	30	13	20	27	18
16	LS08-3120	24	17	25	17	29
17	LS08-4141	22	30	16	33	30
18	LS08-4348	7	25	8	15	36
19	LS08-4418	8	12	1	22	35
20	LS08-4542	28	35	14	28	5
21	LS08-4637	32	23	6	26	9
22	LS08-4934	23	14	24	17	6
23	LS08-4941	17	29	28	7	7
24	LS08-5515	20	27	26	1	20
25	LS08-5552	11	23	23	4	14
26	LS08-5837	26	21	13	22	27
27	LS08-5852	13	31	9	7	31
28	LS08-6003	14	26	32	22	24
29	LS08-6034	4	4	4	2	26
30	SS08-1657	25	33	11	17	15
31	SS08-1765	2	11	33	11	10
32	SS08-18103	18	32	36	2	28
33	SS08-1813	34	36	34	11	11
34	SS08-2867	36	20	35	33	33
35	SS08-2883	35	34	31	35	17
36	SS08-2927	31	19	30	32	22

2011 SCN PRELIM TEST IV
Maturity

		Belleville	Dowell	Ashland	Clarkton	Columbia	Novelty
		IL	IL	KS	MO	MO	MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain						
1	LD00- 3309	10/6	9/20		9/8	10/1	
2	IA4005	3	9		3	2	
3	LD00- 2817P	8	11		5	3	
4	LD02- 9050	-1	3		0	2	
5	K09-1195	9	18		12	8	
6	K09-1196	4	9		7	4	
7	K09-1290	1	7		0	1	
8	K09-1319	5	10		2	3	
9	K09-1523	-1	5		2	2	
10	K09-1543	5	9		4	3	
11	K09-1599	4	7		2	5	
12	LD08-1719	-1	2		1	1	
13	LD08-1935	3	7		5	3	
14	LD08-7227	-1	4		1	2	
15	LD08-7916a	7	6		0	3	
16	LS08-3120	6	12		8	3	
17	LS08-4141	6	9		3	7	
18	LS08-4348	5	9		8	6	
19	LS08-4418	3	7		2	3	
20	LS08-4542	-2	1		-1	2	
21	LS08-4637	5	8		10	3	
22	LS08-4934	5	12		6	9	
23	LS08-4941	1	9		4	2	
24	LS08-5515	7	10		6	6	
25	LS08-5552	8	15		12	10	
26	LS08-5837	4	9		1	4	
27	LS08-5852	7	13		8	8	
28	LS08-6003	6	11		4	9	
29	LS08-6034	6	13		7	8	
30	SS08-1657	6	12		8	7	
31	SS08-1765	8	11		10	8	
32	SS08-18103	8	18		15	10	
33	SS08-1813	8	14		10	9	
34	SS08-2867	5	11		4	7	
35	SS08-2883	2	7		-1	4	
36	SS08-2927	5	10		4	4	
	Planted	6/8	6/2	6/1	5/5	5/23	5/16

2011 SCN PRELIM TEST IV
Maturity

	SCN HG Type	Browns-town IL	Harrisburg IL	Urbana IL NI	Ottawa KS NI	Jackson TN NI
	Strain					
1	LD00- 3309	9/22	9/20	9/26		9/3
2	IA4005	5	7	-1		9
3	LD00- 2817P	8	8	8		0
4	LD02- 9050	-1	0	-3		-3
5	K09-1195	13	18	14		12
6	K09-1196	8	13	8		9
7	K09-1290	3	2	-2		1
8	K09-1319	6	7	4		6
9	K09-1523	3	4	0		3
10	K09-1543	7	8	7		3
11	K09-1599	7	6	0		-2
12	LD08-1719	-6	-2	-5		0
13	LD08-1935	4	4	-2		1
14	LD08-7227	1	-1	-1		1
15	LD08-7916a	4	8	8		4
16	LS08-3120	9	7	1		6
17	LS08-4141	10	7	3		4
18	LS08-4348	8	10	7		4
19	LS08-4418	6	7	5		0
20	LS08-4542	2	1	0		-2
21	LS08-4637	7	8	6		1
22	LS08-4934	10	14	5		11
23	LS08-4941	7	7	0		6
24	LS08-5515	13	7	5		6
25	LS08-5552	14	16	12		13
26	LS08-5837	6	6	8		1
27	LS08-5852	11	11	11		11
28	LS08-6003	12	12	8		7
29	LS08-6034	12	13	6		10
30	SS08-1657	8	8	5		7
31	SS08-1765	12	13	9		5
32	SS08-18103	14	18	14		14
33	SS08-1813	12	10	8		9
34	SS08-2867	6	14	8		1
35	SS08-2883	4	6	3		6
36	SS08-2927	6	10	3		0
	Planted	5/18	5/31	5/13	6/7	5/18

2011 SCN PRELIM TEST IV
Lodging (score)

		Belleville IL	Dowell IL	Ashland KS	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain						
1	LD00- 3309	1.0	1.5	1.5	1.0	1.0	
2	IA4005	1.0	1.0	1.0	1.0	1.0	
3	LD00- 2817P	1.5	1.5	3.0	1.0	2.0	
4	LD02- 9050	1.5	2.0	2.0	1.0	1.0	
5	K09-1195	1.0	2.0	1.0	1.0	1.0	
6	K09-1196	1.0	1.0	1.0	1.0	1.0	
7	K09-1290	1.0	1.0	2.0	1.0	1.0	
8	K09-1319	1.0	2.0	1.5	1.0	1.0	
9	K09-1523	1.5	2.5	1.0	2.0	1.0	
10	K09-1543	1.0	1.5	1.0	1.0	1.0	
11	K09-1599	1.5	1.5	2.0	2.0	1.0	
12	LD08-1719	1.0	1.5	1.0	2.0	1.0	
13	LD08-1935	1.0	1.0	1.0	1.0	1.0	
14	LD08-7227	1.5	2.0	1.5	1.0	1.0	
15	LD08-7916a	1.0	2.0	2.0	1.0	1.0	
16	LS08-3120	2.0	1.5	1.0	1.0	1.0	
17	LS08-4141	2.0	2.5	3.0	1.0	2.0	
18	LS08-4348	2.0	2.0	2.0	1.0	1.0	
19	LS08-4418	1.0	1.0	1.0	2.0	1.0	
20	LS08-4542	1.0	1.5	1.0	1.0	1.0	
21	LS08-4637	4.0	3.0	2.5	1.0	2.0	
22	LS08-4934	1.0	2.0	1.5	1.0	1.0	
23	LS08-4941	2.0	2.5	3.0	1.0	2.0	
24	LS08-5515	2.0	2.0	2.0	1.0	1.0	
25	LS08-5552	2.5	2.5	2.0	3.0	1.0	
26	LS08-5837	2.0	1.5	1.5	1.0	1.0	
27	LS08-5852	2.5	2.0	2.0	2.0	2.0	
28	LS08-6003	1.5	1.5	2.5	1.0	2.0	
29	LS08-6034	2.0	2.5	2.5	1.0	1.0	
30	SS08-1657	2.0	1.5	1.5	1.0	1.0	
31	SS08-1765	1.5	2.5	1.0	2.0	1.0	
32	SS08-18103	2.0	2.5	1.0	1.0	1.0	
33	SS08-1813	1.5	2.0	1.0	3.0	1.0	
34	SS08-2867	2.0	4.0	3.0	2.0	2.0	
35	SS08-2883	2.0	3.0	3.0	1.0	3.0	
36	SS08-2927	2.0	3.5	3.0	1.0	2.0	

2011 SCN PRELIM TEST IV
Lodging (score)

	SCN HG Type	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Jackson TN
	Strain			NI	NI	NI
1	LD00- 3309	1.0	1.0	1.3	1.0	2.0
2	IA4005	1.3	1.0	1.0	1.0	1.5
3	LD00- 2817P	1.5	1.0	1.0	1.0	1.5
4	LD02- 9050	1.0	1.5	1.3	1.0	3.5
5	K09-1195	1.5	1.0	1.3	1.0	1.5
6	K09-1196	1.0	1.0	1.3	1.0	2.0
7	K09-1290	1.3	1.0	1.3	1.0	2.5
8	K09-1319	1.3	2.0	1.3	1.0	2.5
9	K09-1523	1.0	1.5	1.3	1.0	3.5
10	K09-1543	1.5	1.0	1.3	1.0	1.5
11	K09-1599	1.3	2.0	1.5	1.0	2.5
12	LD08-1719	1.0	1.0	1.0	1.0	3.0
13	LD08-1935	1.0	1.0	1.0	1.0	1.0
14	LD08-7227	1.0	1.5	1.0	1.0	3.0
15	LD08-7916a	1.3	1.0	1.3	1.0	2.5
16	LS08-3120	1.3	1.5	1.0	1.0	2.0
17	LS08-4141	1.3	2.0	1.5	1.0	3.5
18	LS08-4348	1.5	1.0	1.0	1.0	1.0
19	LS08-4418	1.0	2.0	1.3	1.0	2.0
20	LS08-4542	1.0	1.0	1.0	1.0	3.0
21	LS08-4637	1.5	3.0	2.0	1.0	4.0
22	LS08-4934	1.5	1.5	1.5	1.0	3.5
23	LS08-4941	1.5	2.5	1.3	1.5	4.0
24	LS08-5515	1.5	1.5	1.5	1.0	3.5
25	LS08-5552	2.0	2.5	2.5	1.0	4.0
26	LS08-5837	1.0	1.5	1.5	1.0	2.0
27	LS08-5852	1.5	2.5	2.5	1.0	3.5
28	LS08-6003	1.8	1.5	1.3	1.0	2.0
29	LS08-6034	2.0	2.5	1.5	1.0	3.0
30	SS08-1657	1.3	1.5	1.5	1.0	2.5
31	SS08-1765	1.5	1.0	1.0	1.0	3.5
32	SS08-18103	2.0	2.0	1.5	1.0	2.5
33	SS08-1813	1.8	1.5	1.5	1.0	2.0
34	SS08-2867	1.5	2.5	1.5	1.5	3.0
35	SS08-2883	1.8	2.5	1.3	1.5	3.5
36	SS08-2927	1.5	2.0	1.5	1.5	2.5

2011 SCN PRELIM TEST IV
Height (inches)

		Belleville IL	Dowell IL	Ashland KS	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain						
1	LD00- 3309	28	38	45	26	32	
2	IA4005	25	37	42	20	27	
3	LD00- 2817P	29	41	46	19	31	
4	LD02- 9050	28	38	41	22	29	
5	K09-1195	31	43	44	22	31	
6	K09-1196	27	37	39	20	30	
7	K09-1290	28	34	44	28	31	
8	K09-1319	27	39	45	19	30	
9	K09-1523	28	37	44	19	31	
10	K09-1543	28	38	43	23	29	
11	K09-1599	26	41	46	24	31	
12	LD08-1719	25	42	44	22	33	
13	LD08-1935	21	34	47	17	26	
14	LD08-7227	27	34	46	20	31	
15	LD08-7916a	24	38	45	12	26	
16	LS08-3120	32	40	46	24	31	
17	LS08-4141	28	42	46	17	32	
18	LS08-4348	32	40	46	21	33	
19	LS08-4418	35	39	48	24	36	
20	LS08-4542	28	43	48	19	35	
21	LS08-4637	36	40	47	26	31	
22	LS08-4934	33	37	46	19	37	
23	LS08-4941	32	45	49	24	32	
24	LS08-5515	34	40	49	18	37	
25	LS08-5552	34	43	48	26	34	
26	LS08-5837	33	41	46	19	35	
27	LS08-5852	32	40	51	20	29	
28	LS08-6003	32	41	50	15	36	
29	LS08-6034	34	40	47	17	31	
30	SS08-1657	32	40	50	26	34	
31	SS08-1765	28	41	47	24	33	
32	SS08-18103	30	42	47	22	37	
33	SS08-1813	32	44	46	32	34	
34	SS08-2867	32	48	47	22	39	
35	SS08-2883	37	49	49	27	36	
36	SS08-2927	36	45	52	26	32	

2011 SCN PRELIM TEST IV
Height (inches)

	Strain	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Jackson TN
	SCN HG Type			NI	NI	NI
1	LD00- 3309	31	38	35	22	35
2	IA4005	26	34	29	25	33
3	LD00- 2817P	34	44	38	27	37
4	LD02- 9050	33	39	33	28	36
5	K09-1195	34	40	38	26	40
6	K09-1196	31	35	33	24	33
7	K09-1290	31	40	35	22	37
8	K09-1319	30	40	34	26	36
9	K09-1523	30	38	32	23	32
10	K09-1543	28	39	35	25	35
11	K09-1599	32	43	39	28	41
12	LD08-1719	29	39	33	24	34
13	LD08-1935	31	35	29	20	31
14	LD08-7227	31	38	37	24	35
15	LD08-7916a	29	37	32	21	34
16	LS08-3120	31	38	37	24	33
17	LS08-4141	34	41	38	27	36
18	LS08-4348	34	43	40	28	33
19	LS08-4418	35	46	43	30	34
20	LS08-4542	32	45	38	29	37
21	LS08-4637	34	41	42	28	36
22	LS08-4934	35	39	38	26	40
23	LS08-4941	34	45	42	32	40
24	LS08-5515	35	44	41	30	39
25	LS08-5552	35	41	40	29	40
26	LS08-5837	30	44	40	30	36
27	LS08-5852	36	42	43	32	38
28	LS08-6003	31	40	36	31	37
29	LS08-6034	39	43	40	30	43
30	SS08-1657	37	41	41	32	41
31	SS08-1765	32	39	35	26	32
32	SS08-18103	36	41	45	30	43
33	SS08-1813	33	46	39	27	38
34	SS08-2867	32	53	46	33	41
35	SS08-2883	37	48	43	31	46
36	SS08-2927	34	52	43	29	40

2011 SCN PRELIM TEST IV
Seed Quality (score)

		Belleville IL	Dowell IL	Ashland KS	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain						
1	LD00- 3309	1.0	1.0	2.0	5.0		
2	IA4005	1.0	1.0	3.0	2.0		
3	LD00- 2817P	1.0	1.0	4.0	4.0		
4	LD02- 9050	2.0	1.0	3.0	3.0		
5	K09-1195	1.0	1.0	3.0	5.0		
6	K09-1196	1.0	1.0	2.0	3.0		
7	K09-1290	2.0	1.0	4.0	4.0		
8	K09-1319	1.0	1.0	3.0	3.0		
9	K09-1523	1.0	1.0	3.0	5.0		
10	K09-1543	1.0	1.0	3.0	4.0		
11	K09-1599	1.0	1.0	2.0	4.0		
12	LD08-1719	1.0	1.0	2.0	4.0		
13	LD08-1935	1.0	1.0	3.0	4.0		
14	LD08-7227	1.0	1.0	4.0	4.0		
15	LD08-7916a	1.0	1.0	3.0	4.0		
16	LS08-3120	1.0	1.0	2.0	3.0		
17	LS08-4141	1.0	1.0	3.0	3.0		
18	LS08-4348	1.0	1.0	2.0	4.0		
19	LS08-4418	1.0	1.0	2.0	3.0		
20	LS08-4542	2.0	1.0	3.0	3.0		
21	LS08-4637	1.0	1.0	3.0	3.0		
22	LS08-4934	1.0	1.0	3.0	3.0		
23	LS08-4941	1.0	1.0	3.0	5.0		
24	LS08-5515	1.0	1.0	3.0	3.0		
25	LS08-5552	1.0	1.0	2.0	3.0		
26	LS08-5837	1.0	1.0	3.0	3.0		
27	LS08-5852	1.0	1.0	2.0	3.0		
28	LS08-6003	1.0	1.0	3.0	2.0		
29	LS08-6034	1.0	1.0	2.0	2.0		
30	SS08-1657	1.0	1.0	2.0	2.0		
31	SS08-1765	2.0	1.0	3.0	4.0		
32	SS08-18103	1.0	1.0	2.0	5.0		
33	SS08-1813	1.0	1.0	2.0	4.0		
34	SS08-2867	2.0	1.0	3.0	2.0		
35	SS08-2883	1.0	1.0	4.0	3.0		
36	SS08-2927	1.0	1.0	4.0	2.0		

2011 SCN PRELIM TEST IV
Seed Quality (score)

	Strain	Browns-town IL	Harrisburg IL	Urbana IL	Ottawa KS	Jackson TN
	SCN HG Type			NI	NI	NI
1	LD00- 3309	2.0	2.0	2.0	2.0	1.5
2	IA4005	1.0	1.0	1.0	2.0	1.0
3	LD00- 2817P	1.0	2.0	2.0	2.0	3.5
4	LD02- 9050	1.0	2.0	1.0	2.0	1.5
5	K09-1195	1.0	3.0	1.0	2.0	2.0
6	K09-1196	1.0	2.0	1.0	2.0	2.0
7	K09-1290	1.0	1.0	2.0	2.0	1.0
8	K09-1319	1.0	1.0	1.0	2.0	1.0
9	K09-1523	1.0	3.0	1.0	2.0	1.0
10	K09-1543	1.0	3.0	1.0	2.0	2.0
11	K09-1599	2.0	2.0	1.0	2.0	1.5
12	LD08-1719	1.0	1.0	1.0	2.0	1.5
13	LD08-1935	1.0	1.0	1.0	2.0	2.0
14	LD08-7227	1.0	2.0	1.0	2.0	1.5
15	LD08-7916a	1.0	2.0	2.0	2.0	2.0
16	LS08-3120	1.0	1.0	1.0	2.0	1.5
17	LS08-4141	1.0	3.0	1.0	2.0	1.5
18	LS08-4348	1.0	3.0	1.0	2.0	1.5
19	LS08-4418	1.0	1.0	1.0	2.0	1.5
20	LS08-4542	1.0	2.0	1.0	2.0	1.5
21	LS08-4637	1.0	2.0	1.0	2.0	2.0
22	LS08-4934	1.0	2.0	1.0	2.0	2.0
23	LS08-4941	1.0	4.0	1.0	2.0	1.0
24	LS08-5515	1.0	2.0	1.0	2.0	1.5
25	LS08-5552	1.0	2.0	1.0	2.0	2.0
26	LS08-5837	1.0	1.0	1.0	2.0	2.0
27	LS08-5852	1.0	2.0	1.0	2.0	1.5
28	LS08-6003	1.0	2.0	2.0	2.0	2.0
29	LS08-6034	2.0	2.0	2.0	2.0	2.5
30	SS08-1657	1.0	2.0	1.0	2.0	1.5
31	SS08-1765	1.0	4.0	2.0	2.0	2.0
32	SS08-18103	1.0	4.0	3.0	2.0	2.0
33	SS08-1813	1.0	2.0	2.0	2.0	1.5
34	SS08-2867	1.0	1.0	1.0	2.0	1.0
35	SS08-2883	1.0	2.0	1.0	2.0	1.0
36	SS08-2927	1.0	3.0	1.0	2.0	1.5

2011 SCN PRELIM TEST IV
Seed Weight (g/100)

		Belleville IL	Dowell IL	Ashland KS	Clarkton MO	Columbia MO	Novelty MO
	SCN HG Type	1.2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7
	Strain						
1	LD00- 3309	11.6	9.9	13.4	6.5		
2	IA4005	13.0	10.3	15.0	10.8		
3	LD00- 2817P	11.8	9.9	15.0	11.1		
4	LD02- 9050	13.1	11.4	16.1	11.3		
5	K09-1195	15.0	14.0	17.8	12.4		
6	K09-1196	12.3	9.5	14.7	10.9		
7	K09-1290	14.4	12.0	16.4	12.4		
8	K09-1319	13.4	12.5	16.7	11.9		
9	K09-1523	13.0	11.0	16.2	11.5		
10	K09-1543	12.4	10.8	17.7	10.0		
11	K09-1599	13.4	12.5	20.2	12.6		
12	LD08-1719	10.8	9.7	14.2	11.2		
13	LD08-1935	11.8	10.0	14.1	11.0		
14	LD08-7227	13.9	12.0	17.5	10.8		
15	LD08-7916a	12.1	9.7	15.6	10.2		
16	LS08-3120	13.6	12.5	15.1	10.2		
17	LS08-4141	14.5	10.4	18.1	12.9		
18	LS08-4348	13.3	11.5	17.3	10.2		
19	LS08-4418	12.2	9.5	15.7	12.2		
20	LS08-4542	13.0	10.1	16.4	11.5		
21	LS08-4637	14.8	10.8	17.9	11.3		
22	LS08-4934	13.0	12.5	14.7	12.6		
23	LS08-4941	13.1	12.0	16.7	11.5		
24	LS08-5515	10.9	9.4	14.8	10.0		
25	LS08-5552	12.8	12.0	16.3	12.0		
26	LS08-5837	14.1	11.5	16.0	12.0		
27	LS08-5852	12.3	11.0	15.3	10.0		
28	LS08-6003	14.0	11.5	16.3	13.1		
29	LS08-6034	15.6	13.5	20.8	15.2		
30	SS08-1657	13.2	11.3	18.2	10.1		
31	SS08-1765	15.1	13.5	18.2	11.4		
32	SS08-18103	11.0	11.5	14.2	12.0		
33	SS08-1813	13.1	12.5	16.0	11.6		
34	SS08-2867	12.9	11.0	16.4	10.7		
35	SS08-2883	12.9	11.0	16.7	10.1		
36	SS08-2927	13.8	11.0	19.7	10.8		

2011 SCN PRELIM TEST IV
Seed Weight (g/100)

	SCN HG Type	Browns-town IL NI	Harrisburg IL NI	Urbana IL NI	Ottawa KS NI	Jackson TN NI
	Strain					
1	LD00- 3309	7.9	9.9	9.8	10.5	9.3
2	IA4005	10.4	12.1	10.5	12.9	11.3
3	LD00- 2817P	8.7	9.7	10.1	12.0	8.6
4	LD02- 9050	9.6	11.6	11.2	12.1	11.8
5	K09-1195	11.6	14.5	13.2	13.4	10.7
6	K09-1196	9.7	11.9	11.4	12.7	10.0
7	K09-1290	11.5	13.1	11.8	12.9	13.5
8	K09-1319	11.0	12.9	11.9	13.8	12.9
9	K09-1523	10.5	11.8	11.2	11.9	12.9
10	K09-1543	10.1	11.8	11.1	11.5	11.5
11	K09-1599	9.7	13.2	11.9	13.8	12.8
12	LD08-1719	8.3	9.8	10.0	11.4	10.6
13	LD08-1935	9.0	10.7	10.2	11.1	10.5
14	LD08-7227	11.0	11.4	11.2	13.3	12.1
15	LD08-7916a	8.4	10.6	11.0	11.9	9.3
16	LS08-3120	11.1	11.3	11.2	12.3	11.7
17	LS08-4141	11.3	12.8	12.2	13.4	11.3
18	LS08-4348	11.3	12.0	11.9	12.3	10.0
19	LS08-4418	10.8	12.7	12.8	11.7	10.0
20	LS08-4542	9.8	11.7	11.1	13.7	11.7
21	LS08-4637	10.9	12.3	12.3	12.6	11.7
22	LS08-4934	10.9	11.4	10.6	12.0	12.0
23	LS08-4941	10.9	11.6	11.1	11.8	12.5
24	LS08-5515	10.0	11.0	10.2	11.3	10.2
25	LS08-5552	11.4	12.5	11.7	12.6	10.7
26	LS08-5837	10.9	12.1	12.6	12.3	9.8
27	LS08-5852	10.6	11.7	11.1	11.8	9.7
28	LS08-6003	11.9	12.3	11.7	13.6	11.6
29	LS08-6034	13.9	15.1	14.1	15.4	13.0
30	SS08-1657	10.0	11.5	11.5	13.2	10.1
31	SS08-1765	13.2	14.4	14.1	14.2	13.9
32	SS08-18103	9.6	11.5	11.0	11.5	9.2
33	SS08-1813	10.4	11.4	11.3	12.3	11.0
34	SS08-2867	9.2	12.4	12.3	10.6	10.2
35	SS08-2883	8.6	11.4	12.6	10.7	12.1
36	SS08-2927	9.4	13.0	13.1	12.4	11.9

2011 SCN PRELIM TEST IV
Protein (%)

		Belleville IL	Clarkton MO	Urbana IL	Jackson TN
	SCN HG Type	1.2.5.7	1.2.5.7	NI	NI
	Strain				
1	LD00- 3309	34.1	33.1	31.1	32.6
2	IA4005	33.1	32.1	32.1	33.5
3	LD00- 2817P	30.6	32.8	30.2	31.6
4	LD02- 9050	33.8	33.0	31.6	32.7
5	K09-1195	36.2	39.3	36.3	35.9
6	K09-1196	35.4	36.4	33.7	35.5
7	K09-1290	35.4	34.5	32.4	33.6
8	K09-1319	34.1	35.1	32.4	34.2
9	K09-1523	34.3	34.6	32.2	34.2
10	K09-1543	34.8	34.3	33.1	33.2
11	K09-1599	33.9	32.3	31.6	33.0
12	LD08-1719	32.3	34.4	30.3	32.6
13	LD08-1935	33.1	33.7	31.6	35.0
14	LD08-7227	34.0	31.8	32.6	32.9
15	LD08-7916a	32.6	33.5	31.1	32.6
16	LS08-3120	34.3	35.9	34.4	36.2
17	LS08-4141	33.6	34.7	33.2	35.0
18	LS08-4348	32.7	32.5	32.7	34.1
19	LS08-4418	33.4	35.0	34.1	34.2
20	LS08-4542	33.9	33.8	32.4	35.2
21	LS08-4637	33.3	36.1	30.0	34.0
22	LS08-4934	36.2	34.2	34.3	35.6
23	LS08-4941	34.9	34.7	34.5	34.4
24	LS08-5515	35.3	33.8	31.1	34.8
25	LS08-5552	34.6	35.9	33.7	34.9
26	LS08-5837	34.7	34.9	32.6	34.0
27	LS08-5852	34.2	34.4	32.3	33.7
28	LS08-6003	33.3	33.6	31.6	33.8
29	LS08-6034	34.7	33.9	35.1	35.2
30	SS08-1657	32.8	31.5	31.3	32.8
31	SS08-1765	33.6	32.8	32.3	34.3
32	SS08-18103	35.5	35.0	34.7	34.6
33	SS08-1813	34.4	37.2	32.3	34.1
34	SS08-2867	34.3	37.1	34.0	35.5
35	SS08-2883	33.6	34.8	33.4	34.2
36	SS08-2927	35.2	35.3	32.8	35.4

2011 SCN PRELIM TEST IV
Oil (%)

		Belleville IL	Clarkton MO	Urbana IL	Jackson TN
	SCN HG Type	1.2.5.7	1.2.5.7	NI	NI
	Strain				
1	LD00- 3309	18.1	19.3	19.8	18.6
2	IA4005	18.9	21.1	19.9	19.2
3	LD00- 2817P	19.9	19.1	19.9	17.7
4	LD02- 9050	19.1	20.6	20.4	19.8
5	K09-1195	18.0	19.3	17.6	17.1
6	K09-1196	18.5	18.9	18.8	17.4
7	K09-1290	18.3	19.0	19.4	18.4
8	K09-1319	19.0	19.4	19.6	19.2
9	K09-1523	18.4	19.7	19.6	19.4
10	K09-1543	18.2	19.3	19.1	19.3
11	K09-1599	19.7	22.0	20.1	20.3
12	LD08-1719	20.4	19.2	20.9	19.7
13	LD08-1935	19.6	19.3	20.0	18.5
14	LD08-7227	19.5	20.9	19.8	19.9
15	LD08-7916a	18.8	20.1	19.9	18.8
16	LS08-3120	18.0	18.3	18.3	17.3
17	LS08-4141	18.4	19.2	19.0	17.3
18	LS08-4348	19.6	20.0	19.5	17.8
19	LS08-4418	18.6	18.6	18.5	18.0
20	LS08-4542	18.8	19.7	19.3	18.6
21	LS08-4637	19.3	18.4	20.1	18.7
22	LS08-4934	17.6	20.0	17.9	17.9
23	LS08-4941	18.0	19.9	18.4	18.1
24	LS08-5515	18.4	20.0	20.3	18.5
25	LS08-5552	17.5	18.0	18.3	17.1
26	LS08-5837	18.0	18.9	18.8	17.4
27	LS08-5852	18.0	18.8	19.0	17.8
28	LS08-6003	19.5	20.4	19.8	19.0
29	LS08-6034	18.2	20.5	18.2	18.0
30	SS08-1657	19.0	21.0	19.5	18.8
31	SS08-1765	18.3	20.3	19.3	18.5
32	SS08-18103	16.8	19.4	17.4	18.5
33	SS08-1813	18.2	18.6	19.2	18.3
34	SS08-2867	17.9	18.4	18.7	17.6
35	SS08-2883	18.7	18.7	18.9	18.2
36	SS08-2927	17.4	18.7	19.1	17.3