

**2010**

**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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# 2010 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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## 2010 REGIONAL SCN TESTS PATICIPANTS

Cooperator:

Prakash Arelli  
USDA-ARS  
605 Airways Blvd.  
Jackson, TN 38301  
Phone: 731-425-4741 Fax: 731-425-4760  
Email: prakash.arelli@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

Silvia Cianzio  
Department of Agronomy  
Iowa State University  
Ames, IA 50011  
Phone: 787-830-2390 Fax: 787-830-1045  
E-mail: scianzio@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

Pat Donald  
USDA-ARS  
605 Airways Blvd.  
Jackson, TN 38301  
Phone: 731-425-4739 Fax: 731-425-4760  
Email: pat.donald@ars.usda.gov

Technical Contact:

Lisa Fritz  
USDA-ARS  
605 Airways Blvd.  
Jackson, TN 38301  
Phone: 731-425-4736 Fax: 731-425-4760  
Email: lisa.fritz@ars.usda.gov

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

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

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

Alan Blackwell  
USDA-ARS  
605 Airways Blvd.  
Jackson, TN 38301  
Phone: 731-425-4797 Fax: 731-425-4760  
Email: alan.blackwell@ars.usda.gov

## 2010 REGIONAL SCN TESTS PATICIPANTS

Cooperator:

Technical Contact:

---

Walt Fehr  
Department of Agonomy  
Iowa State University  
Ames, IA  
Phone: 515-294-6865 Fax: 515-294-6514  
E-mail: wfehr@iastate.edu

Dennis Fischer  
Ridgetown College  
Main Street East  
Ridgetown, ON N0P2C0  
Canada  
Phone: 519-674-1598 Fax: 519-674-1600  
Email: dfischer@ridgetownc.uoguelph.ca

Kevin Scholbrock  
1210 Agronomy Hall  
Iowa State University  
Ames, IA  
Phone: 515-294-0726 Fax: 515-294-6514  
E-mail: kscholbr@iastate.edu

George 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

Travis Wegner/Les Korte  
107 SSL - UNL  
2100 North 39th St.  
Lincoln, NE 68583-0827  
Phone: 402-472-6343 Fax: 402-472-6343  
E-mail: twegner2@unl.edu, 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.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

Marci Green  
SDSU Agronomy Seedhouse  
Agronomy Lane  
Brookings, SD 57007  
Phone: 605-688-4949  
E-mail: marci.green@sdstate.edu

## 2010 REGIONAL SCN TESTS PATICIPANTS

Cooperator:

Stella Kantartzi  
Plant, Soil, and Agricultural Systems  
SIUC  
Carbondale, IL 62903  
Phone: 618-453-1793  
E-mail: kantart@siu.edu

Technical Contact:

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

## 2010 REGIONAL SCN TESTS PATICIPANTS

### Cooperator:

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: tnilblack@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: orfx001@umn.edu

Todd W. Pfeiffer  
N106 Ag Sci Bldg-North  
Department of Agronomy  
University of Kentucky  
Lexington, KY 40546-0091  
Phone: 859-257-4678 Fax: 859-257-7874  
E-mail: tpfeiffe@uky.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

W. T Schapaugh, Jr.  
Agronomy Department  
2004 Throckmorton Hall  
Kansas State University  
Manhattan, KS 66506-5501  
Phone: 785-532-6101 Fax: 785-532-6094  
E-mail: wts@ksu.edu

### Technical Contact:

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

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

Eugene Lacefield  
N222C Ag Sci Bldg-North  
Department of Agronomy  
University of Kentucky  
Lexington, KY 40546-0091  
Phone: 859-257-2993 Fax: 859-323-2993  
Email: elace0@uky.edu

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



## 2010 REGIONAL SCN TESTS PATICIPANTS

### Cooperator:

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

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

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

Tom Welacky  
GPCRC  
2585 County Rd. 20  
Harrow, Ontario NOR 1G0  
Canada  
Phone: 519-738-1262 Fax: 519-738-2929  
E-mail: tom.welacky@agr.gc.ca

### Technical Contact:

Melissa Woolard  
Delta Research Center  
147 State Hwy T  
Portageville, MO 63873  
Phone: 573-379-5431 Fax: 573-379-5875  
E-mail: woolardm@missouri.edu

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

George Stasko  
GPCRC  
2585 County Rd. 20  
Harrow, Ontario NOR 1G0  
Canada  
Phone: 519-738-1303 Fax: 519-738-2929  
E-mail: george.stasko@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. Transgenic (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 that 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, Pink

Pubescence color: Tawny, Gray, Light tawny

Hilum color: black, imp~~er~~fect 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° 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° 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° 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:

Indicator line	HG Type							
	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

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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

## 2010 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
<b>A00-711013</b>	AgriPro P1953 x LN94-10470
<b>A00-711024</b>	A95-485020 x IA2036
<b>A02-381003</b>	
<b>A05-250118</b>	
<b>A13</b>	Selection from AP9 Fe(S1) C7
<b>A20</b>	BSR101 x CN210
<b>A29</b>	1% linolenic plant selection developed by Iowa State University
<b>A55-5629-4</b>	Roanoke x Hawkeye
<b>A75-204018</b>	IVR4731 x Wirth
<b>A81-151026</b>	A75-204018 x Century
<b>A86-204022</b>	Hack x Zane
<b>A87-395012</b>	Fayette x Asgrow A3659
<b>A92-526007</b>	A20 x Asgrow A2234
<b>A94-773014</b>	Pioneer P9303 x A87-395012
<b>A95-485020</b>	(Pioneer P7273 x A13) x Jack
<b>A96-492041</b>	Northrup King S24-92 x Northrup King S19-90
<b>A97-553017</b>	Pioneer YB280 x (Pioneer YB280 x A29)
<b>APXG05-5-1</b>	LD00-3309(2) x (LD00-4970(2) x (Dowling x Loda))
<b>AR02-101001</b>	P9233 x A96-591033
<b>AR03-161009</b>	(PI 507354 x Marcus) x IA1008
<b>AR03-161013</b>	(Marcus x PI507354) x IA2036
<b>AR03-163008</b>	PI520733 x IA1008
<b>AR03-163009</b>	PI520733 x IA1008
<b>AR03-263003</b>	
<b>AR03-263037</b>	
<b>AR03-361067</b>	IA1008 x LS90-1920
<b>AR05-250117</b>	
<b>Asgrow A1564</b>	Hark x C1453
<b>Asgrow A2234</b>	[(Calland X Amsoy) x (Century(3) X Williams 82)]
<b>Asgrow A2943</b>	Asgrow A1564 x Asgrow A3127
<b>Asgrow A3127</b>	Williams x Essex
<b>Asgrow A3659</b>	Williams x Essex
<b>Asgrow A3860</b>	Williams x Essex



## 2010 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
<b>Asgrow A3935</b>	MO474C x Asgrow A3127
<b>Asgrow A4009</b>	Asgrow A3860 x Fayette
<b>Asgrow A4138</b>	Asgrow A4595 x Asgrow A4009
<b>Asgrow A4595</b>	Douglas x Asgrow A3127
<b>Asgrow A5474</b>	(Tracy x D71-6234) x J74-122
<b>AX56P64-1</b>	Adams x Harosoy
<b>AxN-1-55</b>	Northrup King S19-90 x Asgrow A2506
<b>C1079</b>	Lincoln x Ogden
<b>C1253</b>	Blackhawk x Harasoy
<b>C1266R</b>	Harosoy x C1079
<b>C1423</b>	C1266R x C1253
<b>C1453</b>	C1266R x C1253
<b>CL0J173-6-2</b>	
<b>CR03-540</b>	
<b>Dairyland DSR 365</b>	
<b>GarstAgripro 97026-N99-42648</b>	
<b>GarstAgripro 97284-N00-47977</b>	
<b>GarstAgripro XC2284N</b>	
<b>Golden Harvest H-2632</b>	
<b>Harbin 83-3331</b>	Collected Heilongjiang, China 2001 by Ragsdale
<b>HC99-2763</b>	
<b>HS1-3886</b>	IA 3010 x 9352
<b>IA1009BC-75-2-18-1</b>	
<b>IVR 1120</b>	Provar x (AX56P64-1 x PI 191.110-1)
<b>IVR4731</b>	Amsoy x Wayne
<b>K99- 14</b>	IA3010 x STS line form Dupont
<b>K03-2399</b>	K99-14 X SS96-10704
<b>K03-2897</b>	K1454 x HS93-4118
<b>L15</b>	Wayne(6) x Clark 63
<b>L46-2132</b>	Lincoln(2) x Richland
<b>L57-0034</b>	L46-2132 x Adams
<b>L66L-154</b>	Wayne x L57-0034
<b>L69-4143</b>	[L15(5) x ((Clark(6) x T201) x (Clark(6) x T145))] x (Wayne(10) x Kanrich)

## 2010 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
<b>L73-4673</b>	Corsoy x L66L-154(Williams sib)
<b>L77-994</b>	Williams(2) x PI 88.788
<b>L85P-558</b>	L73-4673 x Fayette
<b>LD00-2817</b>	Ina x Dwight
<b>LD00-3296</b>	LN95-5724 x Dwight
<b>LD00-3309</b>	Maverick x Dwight
<b>LD00-4970</b>	Maverick x Dwight
<b>LD00-9276</b>	Ina x ((Jack x (Resnik x RR))
<b>LD01-5907</b>	Ina x IA3010
<b>LD01-9035</b>	LN94-480-97 x Dwight
<b>LD02-4485</b>	M90-184111 x IA3010
<b>LD02-5868</b>	Macon x LN93-13684
<b>LD02-6538</b>	A97-973002 x IA3010
<b>LD02-6553</b>	A97-973002 x IA3010
<b>LDX01-2-69</b>	Dwight x soja SCN BC3F1
<b>LG00-3372</b>	PI561319A x PI574477
<b>LN93-13684</b>	Jack x Chapman
<b>LN95-15740</b>	Jack x Hartwig
<b>LN95-5724</b>	Jack x IA3003
<b>LN97-15076</b>	Macon x Stressland
<b>LN97-24270</b>	Jack x Macon
<b>LN97164-35</b>	LN95-15740 x Pana
<b>LS01-1987</b>	
<b>LS87-1218</b>	Fayette x Pyramid
<b>LS93-0375</b>	Asgrow A3935 x Pioneer 9402
<b>LS98-0582</b>	Northrup King S46-44 x Asgorw A4138
<b>M02-166028</b>	Harbin 83-3331 x MN1004SP
<b>M71-178</b>	Clay x Evans
<b>M72-3</b>	Evans x Hodgson
<b>M82-996</b>	M72-3 x Peterson 1677
<b>M85-23</b>	M71-148 x Simson
<b>M85-647</b>	Ozzie x Fayette

## 2010 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
<b>M90-178161</b>	M85-23 x A20
<b>M90-184111</b>	L85P-558 x M86-1973
<b>M92-1525</b>	M85-647 x Bell
<b>M92-1645</b>	Faribault x Bell
<b>M92-1651</b>	Faribault x PI437.654
<b>M94-246152</b>	Lambert x M92-1651
<b>M95-255017</b>	M92-1525 x A92-526007
<b>M96-356062</b>	M92-674 x M92-1708
<b>M98-133-20012</b>	Lambert X M94-246152
<b>M98-239080</b>	MN0902CN x IA1008
<b>M98-239123</b>	MN0902CN x IA1008
<b>M98-239226</b>	MN0902CN x IA1008
<b>M98-240104</b>	M90-178161 x M92-1645
<b>Midwest Oilseeds 2050</b>	(L15 x C1423) x Hark
<b>MN1004SP</b>	Lambert X F2 M95-305-31
<b>ND01-2765</b>	
<b>ND01-3533</b>	IA1009 x ND95-952
<b>ND01-3550</b>	Pioneer 91B01 x ND92-2381
<b>ND01-3559</b>	Pioneer 91B01 x ND92-2381
<b>ND01-3739</b>	ND95-952 x A96-492041
<b>ND88-800</b>	Maple Amber x Evans
<b>ND95-952</b>	ND88-800 x Pioneer 9062
<b>Northrup King S1346</b>	A55-5629-4 x PI 257.435
<b>Northrup King S19-90</b>	Pride B152 x Pella
<b>Northrup King S24-92</b>	Asgrow A3127 x [(IVR1120 x Calland) x (Mitchell x Cutler 71)]
<b>Northrup King S35-35</b>	Northrup King S39-99 x Asgrow A3127
<b>Northrup King S39-11</b>	Fayette x Northrup King S42-30
<b>Northrup King S39-99</b>	S1492 x Mack
<b>Northrup King S42-30</b>	Essex x Agripro 35
<b>Northrup King S42-32</b>	MO2050 x Asgrow A5474
<b>Northrup King S46-44</b>	Asgrow A5474 x Asgrow A3127
<b>ORC 9002</b>	A81-151026 x Elgin

## 2010 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
<b>Peterson 1677</b>	Pioneer 1677
<b>Pioneer 91M10</b>	
<b>Pioneer P1677</b>	Corsoy(2) x Rampage
<b>Pioneer P2981</b>	S20 x Hark
<b>Pioneer P7273</b>	
<b>Pioneer P9004</b>	Maple Ridge x Lakota
<b>Pioneer P9061</b>	Wells x Pioneer P1677
<b>Pioneer P9062</b>	
<b>Pioneer P9071</b>	Pioneer P9061 x Pioneer P9181
<b>Pioneer P9181</b>	Beeson x Williams
<b>Pioneer P9273</b>	Pioneer 2981 x Asgrow A3127
<b>Pioneer P9303</b>	Asgrow A2943 x Asgrow A5474
<b>Pioneer P9341</b>	CM304 x Asgrow A3127
<b>Pioneer P9362</b>	Asgrow A2943 x Asgrow A5474
<b>Pioneer P9381</b>	(Essex x L69-4143) x Sprite
<b>Pioneer P9402</b>	(L77-994 x Asgrow A3127) x L77-994
<b>Pioneer YB280</b>	
<b>Pioneer YB33A99</b>	
<b>Pride B152</b>	Northrup King S1346(6) x Mack
<b>S100</b>	Rouge in Illini
<b>S1492</b>	Corsoy x Wayne
<b>S20</b>	L15 x C1423
<b>SD96-702</b>	ORC 9002 x Ozzie
<b>Sigco KG20</b>	McCall x 2S11
<b>SN94-4337</b>	Jack x Pioneer P9341
<b>SoyGenetics 96-23036</b>	
<b>SoyGenetics F35102C</b>	
<b>SS95-15348</b>	
<b>SS97-6946</b>	Essex x PI438503A
<b>SS98-3403</b>	Northrup King S42-32 x Northrup King S35-35
<b>SS98-3905</b>	Pioneer P9362 x Magellan
<b>SS98-7851</b>	

## 2010 IDENTIFICATION OF PARENT STRAINS

Strain	Parentage
<b>Syngenta S25-J5</b>	
<b>Syngenta S32-Z3</b>	
<b>Syngenta SJ132586</b>	
<b>Syngenta WW115926</b>	
<b>Syngenta WW228348</b>	
<b>U01-390489</b>	IA1008 x NE3001
<b>U98-205355</b>	A94-773014 x Bell
<b>U98-307917</b>	U94-2306 x A92-77021
<b>U98-311442</b>	A94-773014 x Bell
<b>M92-674</b>	Agassiz x Ozzie
<b>M92-1708</b>	Kato x Bell

## 2010 NORTHERN REGIONAL SCN TEST LOCATIONS

Location	Cooperator	SCN*	Uniform Tests					Preliminary Tests		
			0	I	II	III	IV	II	III	IV
IA	Arlington	S. Cianzio	I	X						
IA	Thornton	S. Cianzio	I	X						
IA	Nevada	S. Cianzio	I		X			X		
IA	Urbana	S. Cianzio	I		X			X		
IA	Council Bluffs	S. Cianzio	I			X			X	
IA	Muscatine	S. Cianzio	I			X			X	
IL	Arthur	B. Diers	I			X			X	
IL	Brownstown	B. Diers	NI				X			X
IL	DeKalb	B. Diers	I	X						
IL	Pontiac	B. Diers	I		X			X		
IL	Urbana	B. Diers	I	**	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	NI			X	X		X	X
IN	West Lafayette	W. Crochet	I		X	X				
KS	Ashland B	W. Schapaugh	I							X
KS	Ashland T	W. Schapaugh	I			X	X		X	
KS	Ottawa	W. Schapaugh	NI			X	X		X	X
KY	Lexington	E. Lacefield	I				X			
MI	Ingham Co.	D. Wang			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	NI			X	X		X	X
MO	Clarkton	G. Shannon	I			X	X			X
MO	Portageville	G. Shannon	NI			X	X			
ND	Dwight	T. Helms	I	X						

## 2010 NORTHERN REGIONAL SCN TEST LOCATIONS

Location	Cooperator	SCN*	Uniform Tests					Preliminary Tests			
			0	I	II	III	IV	II	III	IV	
NE	Fairmont	G. Graef	I	X	X	X		X	X		
NE	Herman	G. Graef	I	X	X	X		X	X		
NE	Waterloo	G. Graef	I	X	X	X		X	X		
OH	Hoytville	L. McHale	NI		X	X					
OH	Plain City	L. McHale	NI			X					
ON	Ridgetown	D. Fischer	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		**						
ON	Chatham	T. Welacky	I		X						
SD	Beresford	G. Jiang	NI	**	**			**			
SD	Hurly	G. Jiang	I	**	**			**			
TN	Jackson	P. Arelli	NI				X			X	
TN	Grand Junction	P. Donald	I		X	X	X				
Total Tests				<b>7</b>	<b>13</b>	<b>18</b>	<b>20</b>	<b>14</b>	<b>10</b>	<b>14</b>	<b>11</b>

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

**2010 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	Arlington	7	2160	0	8	0	0	8	0	<b>30</b>	1	1	
IA	Council Bluffs	2.5.7	880	3	<b>22</b>	0	0	<b>20</b>	1	<b>42</b>	<b>13</b>	<b>14</b>	
IA	Msucatine	2.5.7	360	0	<b>16</b>	0	0	14	0	<b>32</b>	0	1	
IA	Nevada	1.2.5.7	800	<b>16</b>	<b>10</b>	6	0	<b>12</b>	4	<b>20</b>	2	<b>56</b>	
IA	Thornton	2.5.7	200	7	<b>26</b>	0	0	<b>16</b>	0	<b>42</b>	1	<b>28</b>	
IA	Urbana	7	2400	0	7	0	0	8	0	<b>17</b>	<b>40</b>	1	
IL	Arthur	2.5.7	960	1	<b>16</b>	0	0	<b>16</b>	0	<b>40</b>	7	2	
IL	Belleville	2.5.7	600	1	<b>26</b>	0	0	<b>16</b>	0	<b>33</b>	1	<b>10</b>	
IL	Brownstown	NI	40	No eggs produced from increase									
IL	DeKalb	2.5.7	240	<b>15</b>	<b>17</b>	3	0	<b>20</b>	5	<b>45</b>	4	<b>32</b>	
IL	Dowell	2.5.7	800	0	<b>21</b>	2	0	<b>23</b>	0	<b>24</b>	0	2	
IL	Harrisburg	NI	80	No eggs produced from increase									
IL	Pontiac	2.5.7	280	0	<b>45</b>	0	0	<b>47</b>	0	<b>52</b>	<b>13</b>	3	
IL	Urbana	7	680	1	5	0	1	7	0	<b>14</b>	1	7	
IN	West Lafayette	2.5.7	160	0	<b>13</b>	0	0	<b>32</b>	0	<b>44</b>	<b>31</b>	0	
KS	Ashland B	2.5.7	600	1	<b>19</b>	1	0	<b>21</b>	0	<b>26</b>	<b>15</b>	0	
KS	Ashland T	2.7	160	5	<b>10</b>	0	0	6	0	<b>22</b>	<b>19</b>	<b>36</b>	
KS	Ottawa	NI											
KY	Lexington	I											
MI	Ingham	NI											
MN	Danvers	1.2.5.7	360	<b>16</b>	<b>21</b>	2	0	<b>21</b>	4	<b>30</b>	<b>12</b>	<b>33</b>	
MN	Gaylord	2.5.7	640	1	<b>22</b>	0	0	<b>21</b>	0	<b>49</b>	<b>11</b>	<b>15</b>	
MN	Lamberton	2.5.7	400	1	<b>25</b>	0	0	<b>24</b>	0	<b>46</b>	9	4	
MN	Rosemount	2.5.7	280	6	<b>17</b>	1	0	<b>16</b>	0	<b>38</b>	0	<b>12</b>	
MN	Waseca	2.7	280	2	<b>13</b>	0	0	7	0	<b>31</b>	<b>10</b>	<b>14</b>	
MO	Clarkton(sand)	1.2.5.7	80	<b>22</b>	<b>40</b>	2	0	<b>36</b>	3	<b>34</b>	4	<b>65</b>	
MO	Columbia	NI											
MO	Novelty	I											
MO	Portageville(clay)	NI											
ND	Dwight	7	320	0	3	0	0	0	0	<b>20</b>	0	0	
NE	Fairmont	1.3.6.7	1040	<b>36</b>	5	<b>17</b>	0	2	<b>13</b>	<b>14</b>	<b>19</b>	<b>57</b>	
NE	Herman	7	520	0	4	0	0	2	0	<b>10</b>	0	0	
NE	Waterloo	7	3120	0	9	0	0	7	0	<b>29</b>	8	2	
OH	Hoytville	NI											
OH	Plain City	NI											
ON	Chatham	7	21000	data provided by cooperater									
ON	Harrow	7	28320	0	4	0	0	4	1	<b>14</b>	0	2	
ON	Ottawa	NI											
ON	Ridgetown	2.7	480	1	<b>16</b>	0	0	3	0	<b>23</b>	0	1	
ON	St. Pauls	NI											
ON	Woodstock	NI											
SD	Beresford1	I											
SD	Beresford2	NI											
TN	Grand Junction	2	488	data provided by cooperater									
TN	Jackson	NI		data provided by cooperater									



**2010 NORTHERN REGIONAL SCN TESTS SCN SCREENING**

	<b>HG 0</b>		<i>Retest</i>	
	Mean	FI	Mean	FI
Lee	195		359	
Essex	153		349	
HG1 PI548402	0	<b>0</b>	0	<b>0</b>
HG2 PI88788	3	<b>1</b>	1	<b>0</b>
HG3 PI90763	0	<b>0</b>	0	<b>0</b>
HG4 PI437654	0	<b>0</b>	0	<b>0</b>
HG5 PI209332	3	<b>2</b>	2	<b>1</b>
HG6 PI89772	0	<b>0</b>	0	<b>0</b>
HG7 PI548316	13	<b>7</b>	7	<b>2</b>
PI438489B	0	<b>0</b>	18	<b>5</b>
Pickett	0	<b>0</b>	0	<b>0</b>

	<b>HG 2.5.7</b>		<i>Retest</i>	
	Mean	FI	Mean	FI
Lee	139		392	
Essex	129		323	
HG1 PI548402	0	<b>0</b>	1	<b>0</b>
HG2 PI88788	81	<b>58</b>	216	<b>55</b>
HG3 PI90763	0	<b>0</b>	1	<b>0</b>
HG4 PI437654	0	<b>0</b>	0	<b>0</b>
HG5 PI209332	68	<b>49</b>	251	<b>64</b>
HG6 PI89772	0	<b>0</b>	0	<b>0</b>
HG7 PI548316	93	<b>67</b>	260	<b>66</b>
PI438489B	27	<b>20</b>	1	<b>0</b>
Pickett	7	<b>5</b>	11	<b>3</b>

Strain	<b>HG Type 0</b>			<b>HG Type 2.5.7</b>			Test	Entry
	Mean	FI	rating	Mean	FI	rating		
AR06-165086	13	<b>7</b>	<b>HR</b>	100	<b>72</b>	<b>NR</b>	10SCN U I	4
AR08-285024	11	<b>6</b>	<b>HR</b>	129	<b>93</b>	<b>NR</b>	10SCN U II	5
AR08-285081	19	<b>10</b>	<b>R</b>	186	<b>47</b>	<b>LR</b>	10SCN P III	5
AR09-191016	4	<b>2</b>	<b>HR</b>	2	<b>2</b>	<b>R</b>	10SCN U I	5
AR09-191018	2	<b>1</b>	<b>HR</b>	3	<b>2</b>	<b>R</b>	10SCN U I	6
AR09-191022	0	<b>0</b>	<b>HR</b>	4	<b>3</b>	<b>R</b>	10SCN U I	7
AR09-191029	0	<b>0</b>	<b>HR</b>	2	<b>1</b>	<b>R</b>	10SCN U I	8
AR09-191050	2	<b>1</b>	<b>HR</b>	2	<b>1</b>	<b>R</b>	10SCN U I	9
AR09-191058	0	<b>0</b>	<b>HR</b>	20	<b>14</b>	<b>R</b>	10SCN P II	5
AR09-191060	42	<b>22</b>	<b>R</b>	99	<b>71</b>	<b>NR</b>	10SCN U I	10
AR09-191062	6	<b>3</b>	<b>HR</b>	167	<b>43</b>	<b>LR</b>	10SCN U I	11
AR09-191064	26	<b>13</b>	<b>R</b>	104	<b>75</b>	<b>NR</b>	10SCN U I	12
AR09-191068	2	<b>1</b>	<b>HR</b>	110	<b>80</b>	<b>NR</b>	10SCN U I	13
AR09-191087	2	<b>1</b>	<b>HR</b>	100	<b>72</b>	<b>NR</b>	10SCN P II	6
AR09-291001	2	<b>1</b>	<b>HR</b>	1	<b>1</b>	<b>HR</b>	10SCN P II	7
AR09-291011	3	<b>2</b>	<b>HR</b>	21	<b>15</b>	<b>R</b>	10SCN P II	8
AR09-291017	1	<b>0</b>	<b>HR</b>	66	<b>48</b>	<b>LR</b>	10SCN P II	9
AR09-291028	5	<b>2</b>	<b>HR</b>	108	<b>78</b>	<b>NR</b>	10SCN P II	10
AR09-291036	7	<b>4</b>	<b>HR</b>	195	<b>50</b>	<b>LR</b>	10SCN P II	11
AR09-291054	20	<b>10</b>	<b>R</b>	119	<b>86</b>	<b>NR</b>	10SCN P II	12
AR09-291056	76	<b>39</b>	<b>MR</b>	190	<b>48</b>	<b>LR</b>	10SCN P II	13

## 2010 NORTHERN REGIONAL SCN TESTS SCN SCREENING

Strain	HG Type 0			HG Type 2.5.7			Test	Entry
	Mean	FI	rating	Mean	FI	rating		
AR09-291076	182	93	NR	214	55	LR	10SCN P II	14
AR09-291081	124	64	NR	105	76	NR	10SCN P II	15
AR09-391010	1	0	HR	20	15	R	10SCN P III	6
AR09-391012	3	2	HR	90	65	NR	10SCN P III	7
AR09-391014	10	5	HR	124	89	NR	10SCN P III	8
AR09-391015	5	3	HR	92	66	NR	10SCN P III	9
AR09-391016	30	15	R	81	59	LR	10SCN P III	10
AR09-391017	4	2	HR	99	72	NR	10SCN P III	11
AR09-391020	11	5	HR	143	103	NR	10SCN P III	12
AR09-391021	29	15	R	136	98	NR	10SCN P III	13
AR09-391031	4	2	HR	72	52	LR	10SCN P III	14
AR09-391032	21	11	R	102	74	NR	10SCN P III	15
AR09-391033	5	3	HR	85	61	NR	10SCN P III	16
E07048	3	2	HR	103	74	NR	10SCN U II	6
E07051	7	4	HR	112	81	NR	10SCN U II	7
E07087	39	11	R	91	65	NR	10SCN U II	8
E08052	167	85	NR	139	100	NR	10SCN P II	16
E08058	131	67	NR	132	95	NR	10SCN P II	17
E08286	2	1	HR	171	44	LR	10SCN P II	18
IA1022 (SCN)	10	5	HR	111	80	NR	10SCN U I, II, P II	2
IA2094	183	94	NR	98	71	NR	10SCN U II, P II	1
IA3023	121	62	NR	104	75	NR	10SCN U,P III	1
IA3024	152	78	NR	120	86	NR	10SCN U,P II, III	3
IA3048	4	2	HR	102	73	NR	10SCN U,P III	3
IA4004	175	90	NR	125	90	NR	10SCN U,P IV, III	2
JTN-3109	1	1	HR	82	59	LR	10SCN P IV	5
K07-1633	22	6	HR	104	75	NR	10SCN U IV	5
K08-5026	13	6	HR	112	81	NR	10SCN P IV	6
K08-5125	15	8	HR	95	68	NR	10SCN P IV	7
K08-5230	22	11	R	110	80	NR	10SCN P IV	8
K08-5286	25	13	R	104	75	NR	10SCN P IV	9
K08-5349	34	18	R	137	99	NR	10SCN P IV	10
LD00- 2817P	1	1	HR	3	2	HR	10SCN U,P IV	3
LD00- 3309	26	13	R	95	69	NR	10SCN U,P IV	1
LD02- 4485	2	1	HR	89	64	NR	10SCN U,P II	4

## 2010 NORTHERN REGIONAL SCN TESTS SCN SCREENING

Strain	HG Type 0			HG Type 2.5.7			Test	Entry
	Mean	FI	rating	Mean	FI	rating		
LD02- 9050	22	11	R	119	86	NR	10SCN U,P IV	4
LD04-13265	1	1	HR	93	67	NR	10SCN U III	5
LD05-1540	52	14	R	113	81	NR	10SCN U II	9
LD05-30578a	6	3	HR	123	89	NR	10SCN U IV	6
LD05-30588Ga	4	2	HR	71	51	LR	10SCN U III	6
LD05-30588Ta	8	4	HR	135	98	NR	10SCN U III	7
LD06-16721	10	5	HR	119	86	NR	10SCN U II	10
LD06-3024	22	11	R	95	69	NR	10SCN U III	8
LD06-6017	49	25	MR	119	86	NR	10SCN U IV	7
LD06-7046bf	4	2	HR	77	56	LR	10SCN U IV	8
LD06-7596	4	2	HR	87	63	NR	10SCN U IV	9
LD06-7609	13	7	HR	81	58	LR	10SCN U IV	10
LD06-7620	6	3	HR	106	76	NR	10SCN U IV	11
LD06-7862	5	3	HR	109	78	NR	10SCN U IV	12
LD06-8970	1	1	HR	78	56	LR	10SCN U IV	13
LD06-9205	12	6	HR	98	70	NR	10SCN U IV	14
LD07-2177	88	45	LR	92	67	NR	10SCN P II	19
LD07-2192	30	16	R	98	71	NR	10SCN P II	20
LD07-2396	252	70	NR	82	59	LR	10SCN P III	17
LD07-2724	11	6	HR	114	82	NR	10SCN P II	21
LD07-3395	3	2	HR	29	21	R	10SCN P III	18
LD07-3419	0	0	HR	20	15	R	10SCN P III	19
LD07-3445	105	29	**	200	51	LR	10SCN P III	20
LD07-3679	3	2	HR	119	86	NR	10SCN P IV	11
LD07-3823	16	8	HR	112	81	NR	10SCN P IV	12
LD07-4366a	243	68	NR	98	71	NR	10SCN P IV	13
LD07-4368a	8	4	HR	112	81	NR	10SCN P IV	14
LD07-4477	13	6	HR	93	67	NR	10SCN P III	21
LD07-4530	34	17	R	74	19	R	10SCN P III	22
LD07-5436	182	94	NR	125	90	NR	10SCN P III	23
LS05-3229	4	2	HR	135	97	NR	10SCN U IV	15
LS07-0662	8	4	HR	94	68	NR	10SCN P III	24
LS07-1343	94	48	LR	72	52	LR	10SCN P IV	15
LS07-1348	5	2	HR	55	39	MR	10SCN P IV	16
LS07-1852	277	77	NR	189	48	LR	10SCN P III	25

\*\*Cyst counts too variable to rate.

## 2010 NORTHERN REGIONAL SCN TESTS SCN SCREENING

Strain	HG Type 0			HG Type 2.5.7			Test	Entry
	Mean	FI	rating	Mean	FI	rating		
LS07-1934	1	1	HR	31	8	HR	10SCN P IV	17
LS07-1942	3	1	HR	95	24	**	10SCN P IV	18
LS07-2014	8	4	HR	113	81	NR	10SCN P III	26
LS07-2016	10	5	HR	228	58	LR	10SCN P IV	19
LS07-2773	3	1	HR	213	54	LR	10SCN P IV	20
LS07-2935	2	1	HR	108	78	NR	10SCN P IV	21
LS07-2955	4	2	HR	115	83	NR	10SCN P III	27
LS07-3070	21	11	R	106	77	NR	10SCN P IV	22
LS07-3107	47	24	R	104	75	NR	10SCN P IV	23
LS07-3125	16	8	HR	92	66	NR	10SCN P IV	24
LS07-3126	13	7	HR	123	89	NR	10SCN P IV	25
LS07-3131	14	7	HR	211	54	**	10SCN P IV	26
LS07-3141	13	6	HR	105	75	NR	10SCN P IV	27
LS07-3246	25	13	R	267	68	NR	10SCN P III	28
M02-385091	6	3	HR	86	62	NR	10SCN U I	14
M03-149100	19	10	R	133	96	NR	10SCN U0	6
M03-289023	33	17	R	120	87	NR	10SCN U0	7
M03-289072	7	4	HR	96	69	NR	10SCN U0	8
M03-914036	14	7	HR	103	74	NR	10SCN U I	15
M04-212034	5	2	HR	100	72	NR	10SCN U0	9
M04-212108	3	1	HR	91	66	NR	10SCN U I	16
M04-215043	5	3	HR	121	88	NR	10SCN P II	22
M04-216020	1	1	HR	103	74	NR	10SCN P II	23
M04-216069	153	78	NR	118	85	NR	10SCN U0	10
M04-217116	6	3	HR	217	55	LR	10SCN U I	17
M04-219004	3	2	HR	110	80	NR	10SCN U0	11
M04-220008	2	1	HR	85	61	NR	10SCN U I	18
M04-220137	224	115	NR	93	67	NR	10SCN U0	12
M04-221040	2	1	HR	71	51	LR	10SCN U I	19
M04-226112	3	2	HR	117	85	NR	10SCN U I	20
M04-228081	15	8	HR	89	64	NR	10SCN U0	13
M04-273003	10	5	HR	112	81	NR	10SCN U0	14
M04-336008	116	59	LR	115	83	NR	10SCN U I	21
M04-336015	195	100	NR	121	87	NR	10SCN U I	22
M04-336023	208	107	NR	112	81	NR	10SCN U I	23

\*\*Cyst counts too variable to rate.

## 2010 NORTHERN REGIONAL SCN TESTS SCN SCREENING

Strain	HG Type 0			HG Type 2.5.7			Test	Entry
	Mean	FI	rating	Mean	FI	rating		
<b>M04-359025</b>	10	<b>5</b>	<b>HR</b>	113	<b>81</b>	<b>NR</b>	10SCN U I	24
<b>M04-359037</b>	237	<b>66</b>	<b>NR</b>	127	<b>92</b>	<b>NR</b>	10SCN U0	15
<b>M04-359090</b>	4	<b>2</b>	<b>HR</b>	133	<b>96</b>	<b>NR</b>	10SCN U0	16
<b>M04-360020</b>	169	<b>86</b>	<b>NR</b>	225	<b>57</b>	<b>LR</b>	10SCN U0	17
<b>M05-166072</b>	305	<b>85</b>	<b>NR</b>	111	<b>80</b>	<b>NR</b>	10SCN U0	18
<b>MN0095</b>	165	<b>85</b>	<b>NR</b>	118	<b>85</b>	<b>NR</b>	10SCN U0	4
<b>MN0606CN</b>	6	<b>3</b>	<b>HR</b>	108	<b>78</b>	<b>NR</b>	10SCN U0	5
<b>MN1410</b>	185	<b>95</b>	<b>NR</b>	111	<b>80</b>	<b>NR</b>	10SCN U0, I	2
<b>ND03-5441</b>	22	<b>11</b>	<b>R</b>	108	<b>28</b>	<b>MR</b>	10SCN U0	19
<b>ND04-11421</b>	5	<b>3</b>	<b>HR</b>	112	<b>81</b>	<b>NR</b>	10SCN U0	20
<b>ND07-1574</b>	173	<b>89</b>	<b>NR</b>	115	<b>83</b>	<b>NR</b>	10SCN U0	21
<b>ND07-1656</b>	153	<b>79</b>	<b>NR</b>	101	<b>73</b>	<b>NR</b>	10SCN U0	22
<b>ND07-1698</b>	100	<b>51</b>	<b>LR</b>	115	<b>83</b>	<b>NR</b>	10SCN U0	23
<b>ND07-1729</b>	33	<b>17</b>	<b>R</b>	135	<b>98</b>	<b>NR</b>	10SCN U0	24
<b>ND07-1812</b>	308	<b>86</b>	<b>NR</b>	112	<b>81</b>	<b>NR</b>	10SCN U0	25
<b>ND07-3987</b>	6	<b>3</b>	<b>HR</b>	108	<b>78</b>	<b>NR</b>	10SCN U0	26
<b>ND07-3994</b>	14	<b>7</b>	<b>HR</b>	96	<b>69</b>	<b>NR</b>	10SCN U0	27
<b>ND07-4002</b>	12	<b>6</b>	<b>HR</b>	110	<b>79</b>	<b>NR</b>	10SCN U0	28
<b>ND07-4140</b>	10	<b>5</b>	<b>HR</b>	110	<b>79</b>	<b>NR</b>	10SCN U0	29
<b>ND07-4635</b>	5	<b>3</b>	<b>HR</b>	114	<b>82</b>	<b>NR</b>	10SCN U0	30
<b>Sheyenne</b>	85	<b>44</b>	<b>LR</b>	119	<b>86</b>	<b>NR</b>	10SCN U0, I	1
<b>SS04-143</b>	1	<b>1</b>	<b>HR</b>	1	<b>0</b>	<b>HR</b>	10SCN U III	9
<b>SS05-4573</b>	30	<b>15</b>	<b>R</b>	126	<b>91</b>	<b>NR</b>	10SCN P III	29
<b>SS05-5096</b>	23	<b>12</b>	<b>R</b>	119	<b>86</b>	<b>NR</b>	10SCN P III	30
<b>SS05-5143</b>	18	<b>9</b>	<b>HR</b>	107	<b>77</b>	<b>NR</b>	10SCN P III	31
<b>SS06-5510</b>	5	<b>2</b>	<b>HR</b>	128	<b>93</b>	<b>NR</b>	10SCN P III	32
<b>SS06-5658</b>	19	<b>10</b>	<b>R</b>	144	<b>104</b>	<b>NR</b>	10SCN P III	33
<b>Surge</b>	254	<b>130</b>	<b>NR</b>	252	<b>64</b>	<b>NR</b>	10SCN U0	3
<b>U06-100699</b>	154	<b>79</b>	<b>NR</b>	133	<b>96</b>	<b>NR</b>	10SCN U II	11

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## 2010 SCN UNIFORM TEST 0

Strain	Descriptive code	Parentage	Previous testing	Gen comp	Traits	
1	Sheyenne	PGy	Pioneer 9071 x A96-492041	2	F4	Rsp1-c
2	MN1410	WGbf	MN0302 x Archer	5	F5	Rps1K, BSR
3	Surge	PGibl	A86-204022 x Kato	6	F5	
4	MN0095	PTy	M92-270029 x M93-313135	NEW	F5	Rps1
5	MN0606CN	WTy	MN0901 x MN0902CN	5	F4	
6	M03-149100	PTbl	MN0902CN x MN0304	09SCN U0	F5	Rps1k
7	M03-289023	WTbr	MN0902CN x A02-381003	09SCN U0	F5	Lin2%
8	M03-289072	WTbl+br	MN0902CN x A02-381003	09SCN U I	F-5	Lin2%
9	M04-212034	WGy	M98-240104 x MN0902CN	NEW	F5	
10	M04-216069	PTy	M98-239123 x M95-255017	NEW	F5	
11	M04-219004	WTy	MN0902CN x ND01-3533	NEW	F5	Rps1k
12	M04-220137	WGy	M98-239080 X M95-255017	NEW	F5	
13	M04-228081	PGy	IA1008 x M98-133-20012	NEW	F5	
14	M04-273003	WTy	MN0082SP x MN0902CN	NEW	F5	
15	M04-359037	WTy	MN0902CN x M02-166028	NEW	F5	
16	M04-359090	WTy	MN0902CN x M02-166028	NEW	F5	
17	M04-360020	PTy	MN0081 x M02-166028	NEW	F5	1% Linolenic
18	M05-166072	PTbr+y	M98-239080 x M95-255017	NEW	F4	
19	ND03-5441	WGbf	Barnes x MN0902CN	NEW		Rps6
20	ND04-11421	PTy+br	MN0902CN x (SD96-702 x Loda)	2	F4	
21	ND07-1574	WGy	ND01-3739 x ND01-3533	NEW		Rps6
22	ND07-1656	PGy+gr	ND01-3533 x MN1006CN	NEW		Rps1c
23	ND07-1698	PGy	ND01-3533 x MN1006CN	NEW		Rps1c
24	ND07-1729	PGibl	MN1006CN x Walsh	NEW		Rps6
25	ND07-1812	WGy	ND01-3533 x Walsh	NEW		Rps6
26	ND07-3987	PGibl	M96-356062 x Ashtabula	NEW		Rps1c
27	ND07-3994	PGibl	M96-356062 x Ashtabula	NEW		Rps1c
28	ND07-4002	PGibl	M96-356062 x Ashtabula	NEW		Rps1c
29	ND07-4140	PGbf	A00-711013 x ND01-3550	NEW		Rps1k
30	ND07-4635	WTbl	MN1006CN x Walsh	NEW		Rps6

**2010 SCN UNIFORM TEST 0**

Strain	IL SCN screen				MN IDC
	HG Type 0		HG Type 2.5.7		Danvers
	FI	rating	FI	rating	score
1 Sheyenne	44	LR	86	NR	1.3
2 MN1410	95	NR	80	NR	1.3
3 Surge	130	NR	64	NR	1.8
4 MN0095	85	NR	85	NR	1.8
5 MN0606CN	3	HR	78	NR	2.3
6 M03-149100	10	R	96	NR	1.5
7 M03-289023	17	R	87	NR	1.8
8 M03-289072	4	HR	69	NR	1.3
9 M04-212034	2	HR	72	NR	1.0
10 M04-216069	78	NR	85	NR	3.3
11 M04-219004	2	HR	80	NR	2.5
12 M04-220137	115	NR	67	NR	1.5
13 M04-228081	8	HR	64	NR	1.8
14 M04-273003	5	HR	81	NR	1.5
15 M04-359037	66	NR	92	NR	2.3
16 M04-359090	2	HR	96	NR	1.3
17 M04-360020	86	NR	57	LR	1.5
18 M05-166072	85	NR	80	NR	1.5
19 ND03-5441	11	R	28	MR	2.8
20 ND04-11421	3	HR	81	NR	3.0
21 ND07-1574	89	NR	83	NR	4.0
22 ND07-1656	79	NR	73	NR	2.5
23 ND07-1698	51	LR	83	NR	2.3
24 ND07-1729	17	R	98	NR	2.3
25 ND07-1812	86	NR	81	NR	1.5
26 ND07-3987	3	HR	78	NR	3.8
27 ND07-3994	7	HR	69	NR	3.0
28 ND07-4002	6	HR	79	NR	2.5
29 ND07-4140	5	HR	79	NR	3.0
30 ND07-4635	3	HR	82	NR	2.8



## 2010 SCN UNIFORM TEST 0

### Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested		Non-infested					quality score	weight g/100	protein @13%	oil @13%
		bu/a	rank	bu/a	rank							
		4		3		7	7	5	7	7	7	7
1	Sheyenne	35.5	19	59.2	2	9/17	1.6	33	1.5	15.5	34.6	18.0
2	MN1410	38.3	7	64.0	1	8	1.8	37	1.2	16.5	36.5	17.5
3	Surge	36.7	13	54.0	12	1	1.4	33	1.2	19.2	37.1	17.7
4	MN0095	33.5	26	50.5	18	-6	1.6	29	1.1	14.3	35.7	18.1
5	MN0606CN	35.8	18	49.9	20	3	1.8	33	1.3	15.1	35.7	17.8
6	M03-149100	35.3	21	53.9	13	-5	1.9	34	1.2	14.6	35.4	18.1
7	M03-289023	35.5	19	48.5	23	-1	1.4	30	1.2	16.0	36.1	17.7
8	M03-289072	36.6	14	57.4	5	1	1.5	37	1.2	15.2	36.1	17.8
9	M04-212034	38.4	5	52.0	16	3	1.8	34	1.2	14.5	34.8	18.2
10	M04-216069	34.5	23	53.9	13	2	1.4	33	1.1	17.5	37.0	16.9
11	M04-219004	39.6	2	54.7	9	2	1.6	35	1.2	14.8	36.8	17.3
12	M04-220137	36.2	15	57.8	3	-1	1.5	33	1.1	14.7	35.8	17.2
13	M04-228081	37.4	10	56.6	6	5	1.8	39	1.2	15.8	36.2	17.3
14	M04-273003	29.8	29	38.4	30	-4	2.4	34	1.3	8.4	36.2	16.5
15	M04-359037	31.5	27	48.8	22	5	1.9	38	1.1	13.7	37.8	16.4
16	M04-359090	36.9	11	45.8	26	5	2.2	36	1.2	15.0	38.2	16.2
17	M04-360020	31.3	28	45.3	27	4	1.8	38	1.4	15.3	37.0	16.7
18	M05-166072	29.4	30	46.7	25	-4	1.8	34	1.2	15.7	37.4	16.7
19	ND03-5441	38.5	4	47.8	24	-1	1.5	29	1.2	14.8	36.3	17.6
20	ND04-11421	36.8	12	43.7	29	-5	1.4	28	1.2	15.9	37.4	17.0
21	ND07-1574	35.0	22	56.3	8	2	1.5	30	1.2	14.4	33.8	18.4
22	ND07-1656	34.4	24	57.7	4	0	1.7	34	1.4	13.1	35.6	17.9
23	ND07-1698	35.9	17	54.1	11	0	1.7	35	1.2	13.5	35.5	18.0
24	ND07-1729	38.8	3	49.3	21	1	2.3	38	1.3	15.9	36.3	17.4
25	ND07-1812	34.1	25	56.6	6	-4	1.5	32	1.1	15.0	35.0	18.1
26	ND07-3987	37.5	9	52.0	16	-1	1.5	35	1.1	15.9	35.9	18.3
27	ND07-3994	36.0	16	54.4	10	-1	1.6	37	1.1	15.6	36.2	18.1
28	ND07-4002	38.4	5	50.0	19	0	1.5	36	1.2	15.4	36.2	18.0
29	ND07-4140	37.8	8	45.2	28	-1	1.7	30	1.1	12.9	35.3	18.2
30	ND07-4635	40.9	1	53.1	15	1	1.3	29	1.6	17.2	34.9	18.0

## 2010 SCN UNIFORM TEST 0

### 2 Year Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested		Non-infested					quality score	weight g/100	protein @13%	oil @13%
		bu/a	rank	bu/a	rank							
		6		6		12	12	11	13	13	13	13
1	Sheyenne	35.6	5	56.3	2	9/22	1.5	33	1.5	15.6	34.6	17.6
2	MN1410	39.7	1	61.4	1	7	1.8	36	1.4	16.7	35.9	17.5
3	Surge	36.7	3	53.8	3	1	1.4	32	1.5	18.7	36.7	17.3
5	MN0606CN	34.9	6	49.7	5	1	1.7	31	1.4	15.2	35.6	17.4
6	M03-149100	36.5	4	50.6	4	-6	1.8	32	1.3	14.7	35.2	17.7
7	M03-289023	38.3	2	45.8	6	0	1.3	30	1.4	16.4	36.0	17.3
11	ND04-11421	33.8	7	43.4	7	-6	1.3	26	1.5	15.9	37.2	16.7

**2010 SCN UNIFORM TEST 0**

**Yield (bu/a)**

SCN HG Type	Danvers	Gaylord	Rose-	Dwight	Ottawa	St. Pauls	Wood-
	MN 1.2.5.7	MN 2.5.7	mount MN 2.5.7	ND 7	ON NI	ON NI	stock ON NI
Strain							
1 Sheyenne	40.7	39.6	40.5	21.1	62.5	71.9	43.2
2 MN1410	45.3	48.8	39.7	19.3	68.2	80.9	42.8
3 Surge	39.8	40.7	44.6	21.6	67.6	62.8	31.7
4 MN0095	39.4	29.4	40.1	24.9	55.9	51.3	44.4
5 MN0606CN	39.5	41.9	33.7	28.2	56.5	61.7	31.5
6 M03-149100	41.9	44.0	34.0	21.4	57.9	59.2	44.5
7 M03-289023	34.1	33.4	42.4	31.9	55.2	56.7	33.6
8 M03-289072	39.6	41.9	37.9	26.8	56.2	73.3	42.8
9 M04-212034	42.8	44.4	39.3	27.0	53.0	55.6	47.5
10 M04-216069	32.2	44.5	41.1	20.3	62.6	65.5	33.7
11 M04-219004	36.5	49.0	44.2	28.5	53.1	66.7	44.3
12 M04-220137	45.5	42.8	39.3	17.0	64.0	67.4	41.9
13 M04-228081	36.9	44.9	35.4	32.3	56.0	66.1	47.6
14 M04-273003	33.9	29.8	31.7	23.6	39.0	44.4	31.7
15 M04-359037	27.9	44.0	33.7	20.2	56.2	60.7	29.6
16 M04-359090	38.1	42.1	39.8	27.4	46.4	55.6	35.3
17 M04-360020	35.1	38.1	34.6	17.2	51.0	62.1	22.7
18 M05-166072	30.2	38.6	33.8	15.1	54.2	49.2	36.6
19 ND03-5441	40.3	47.8	39.7	26.1	50.3	55.3	37.7
20 ND04-11421	44.1	39.7	36.3	26.9	53.9	55.7	21.4
21 ND07-1574	37.3	44.3	41.2	17.2	71.8	64.7	32.5
22 ND07-1656	32.7	46.7	43.5	14.8	62.3	66.9	43.8
23 ND07-1698	40.3	41.9	40.3	21.1	62.8	61.6	38.0
24 ND07-1729	42.4	39.5	38.3	35.0	57.5	54.2	36.2
25 ND07-1812	44.4	34.5	38.5	19.1	63.1	66.0	40.6
26 ND07-3987	40.3	44.5	40.6	24.6	55.2	60.1	40.6
27 ND07-3994	33.8	42.7	38.0	29.6	52.2	64.9	46.2
28 ND07-4002	40.5	42.4	36.9	33.8	52.0	64.3	33.6
29 ND07-4140	40.8	39.9	43.8	26.6	48.2	49.2	38.3
30 ND07-4635	48.6	48.2	35.0	31.6	67.7	67.2	24.5
Average	38.8	41.6	38.6	28.8	57.1	61.4	37.3
LSD(.05)	8.7	8.6	6.8	8.8	5.0	9.8	11.9
C.V. %	13.5	12.7	10.8	22.0	4.4	7.8	15.5
Replications	3	3	3	3	3	2	2
Row width (in.)	30	30	30	30	16	14	14

**2010 SCN UNIFORM TEST 0**

**Yield (rank)**

SCN HG Type	Danvers	Gaylord	Rose-	Dwight	Ottawa	St. Pauls	Wood-
	MN 1.2.5.7	MN 2.5.7	mount MN 2.5.7	ND 7	ON NI	ON NI	stock ON NI
Strain							
1 Sheyenne	10	23	9	21	9	3	8
2 MN1410	3	2	13	24	2	1	9
3 Surge	15	20	1	18	4	14	24
4 MN0095	18	30	11	15	17	27	5
5 MN0606CN	17	17	28	8	13	16	26
6 M03-149100	8	11	26	19	11	20	4
7 M03-289023	24	28	5	4	18	21	21
8 M03-289072	16	17	20	12	14	2	9
9 M04-212034	6	9	15	10	23	23	2
10 M04-216069	28	7	7	22	8	10	20
11 M04-219004	22	1	2	7	22	7	6
12 M04-220137	2	13	15	28	5	4	11
13 M04-228081	21	6	23	3	16	8	1
14 M04-273003	25	29	30	17	30	30	24
15 M04-359037	30	11	28	23	14	18	27
16 M04-359090	19	16	12	9	29	23	19
17 M04-360020	23	26	25	26	26	15	29
18 M05-166072	29	25	27	29	20	28	17
19 ND03-5441	12	4	13	14	27	25	16
20 ND04-11421	5	22	22	11	21	22	30
21 ND07-1574	20	10	6	26	1	12	23
22 ND07-1656	27	5	4	30	10	6	7
23 ND07-1698	12	19	10	20	7	17	15
24 ND07-1729	7	24	18	1	12	26	18
25 ND07-1812	4	27	17	25	6	9	12
26 ND07-3987	14	8	8	16	18	19	12
27 ND07-3994	26	14	19	6	24	11	3
28 ND07-4002	11	15	21	2	25	13	21
29 ND07-4140	9	21	3	13	28	28	14
30 ND07-4635	1	3	24	5	3	5	28

**2010 SCN UNIFORM TEST 0**

**Maturity**

		Danvers	Gaylord	Rose-	Dwight	Ottawa	St. Pauls	Wood-
		MN	MN	mount	ND	ON	ON	stock
SCN HG Type		1.2.5.7	2.5.7	MN	7	NI	NI	ON
				2.5.7				NI
Strain								
1	Sheyenne	9/19	9/6	9/14	9/17	10/3	9/17	9/14
2	MN1410	6	9	10	11	4	10	6
3	Surge	2	0	4	4	-1	-2	2
4	MN0095	-5	-2	-5	-3	-16	-8	-2
5	MN0606CN	-1	2	7	8	0	2	1
6	M03-149100	-6	-1	-3	-3	-10	-11	-4
7	M03-289023	-2	1	0	2	-2	-5	-1
8	M03-289072	-1	2	2	5	-2	2	-1
9	M04-212034	0	3	3	6	-1	1	6
10	M04-216069	2	0	3	10	-2	2	1
11	M04-219004	2	-1	4	6	-5	8	1
12	M04-220137	0	0	2	3	-6	-4	-2
13	M04-228081	3	3	8	12	2	5	3
14	M04-273003	-5	-2	-3	-2	-11	-4	-3
15	M04-359037	4	8	9	11	-2	1	2
16	M04-359090	6	9	7	10	1	1	3
17	M04-360020	4	1	8	7	1	5	2
18	M05-166072	-5	-2	-4	1	-8	-10	-2
19	ND03-5441	-4	-1	0	5	-4	-1	1
20	ND04-11421	-6	-2	-5	-3	-13	-4	-4
21	ND07-1574	-1	4	4	8	-6	2	3
22	ND07-1656	-3	-1	2	7	-7	-1	4
23	ND07-1698	-3	0	2	3	-6	4	-2
24	ND07-1729	1	-1	3	7	-1	-4	-1
25	ND07-1812	-4	-1	-2	-1	-7	-8	-2
26	ND07-3987	-2	-1	-1	6	-7	-3	1
27	ND07-3994	-4	-2	-1	7	-3	-2	0
28	ND07-4002	-1	-2	-1	5	-4	2	-2
29	ND07-4140	-3	-1	0	6	-2	-3	-2
30	ND07-4635	-2	0	2	7	-6	3	-1
	Planted	5/5	5/18	6/1	6/3	5/17	5/20	5/31

**2010 SCN UNIFORM TEST 0**

**Lodging (score)**

Strain	Danvers	Gaylord	Rose-	Dwight	Ottawa	St. Pauls	Wood-
	MN 1.2.5.7	MN 2.5.7	mount MN 2.5.7	ND 7	ON NI	ON NI	stock ON NI
1 Sheyenne	1.0	1.0	2.0	1.0	3.8	1.3	1.0
2 MN1410	1.0	1.0	2.7	1.0	3.3	2.0	1.3
3 Surge	1.0	1.0	2.0	1.0	2.4	1.4	1.0
4 MN0095	1.0	1.0	3.0	1.0	2.9	1.4	1.2
5 MN0606CN	1.0	1.0	3.0	1.0	4.1	1.6	1.1
6 M03-149100	1.0	1.0	3.0	1.0	4.1	1.6	1.5
7 M03-289023	1.0	1.0	2.0	1.0	2.2	1.3	1.0
8 M03-289072	1.0	1.0	2.0	1.0	2.8	1.0	1.7
9 M04-212034	1.0	1.0	2.7	1.0	4.0	1.5	1.1
10 M04-216069	1.0	1.0	2.0	1.0	2.6	1.1	1.3
11 M04-219004	1.0	1.0	2.0	1.0	3.8	1.4	1.3
12 M04-220137	1.0	1.0	2.7	1.0	2.3	1.3	1.3
13 M04-228081	1.0	1.0	3.3	1.0	3.9	1.3	1.0
14 M04-273003	1.0	1.0	3.3	1.0	5.0	2.5	3.1
15 M04-359037	1.0	1.0	4.0	1.0	3.6	1.8	1.0
16 M04-359090	1.0	1.0	4.0	1.0	4.4	1.8	2.0
17 M04-360020	1.0	1.0	3.0	1.0	3.4	1.6	1.7
18 M05-166072	1.0	1.0	2.3	1.0	3.6	1.8	2.1
19 ND03-5441	1.0	1.0	2.3	1.0	2.9	1.2	1.3
20 ND04-11421	1.0	1.0	2.0	1.0	2.7	1.0	1.0
21 ND07-1574	1.0	1.0	2.3	1.0	2.8	1.2	1.0
22 ND07-1656	1.0	1.0	2.7	1.0	3.3	1.5	1.2
23 ND07-1698	1.0	1.0	2.0	1.0	3.4	1.8	1.9
24 ND07-1729	1.0	1.0	3.0	1.0	5.0	3.0	2.0
25 ND07-1812	1.0	1.0	2.7	1.0	2.8	1.0	1.1
26 ND07-3987	1.0	1.0	2.3	1.0	2.7	1.5	1.0
27 ND07-3994	1.0	1.0	2.0	1.0	3.0	1.2	1.9
28 ND07-4002	1.0	1.0	2.3	1.0	3.1	1.4	1.0
29 ND07-4140	1.0	1.0	2.3	1.0	3.6	1.6	1.5
30 ND07-4635	1.0	1.0	2.0	1.0	2.0	1.0	1.0

**2010 SCN UNIFORM TEST 0**

**Height (inches)**

	Danvers MN 1.2.5.7	Gaylord MN 2.5.7	Rose- mount MN 2.5.7	Dwight ND 7	Ottawa ON NI	St. Pauls ON NI	Wood- stock ON NI
Strain							
1 Sheyenne			36	31	36	34	30
2 MN1410			39	29	41	42	35
3 Surge			35	27	34	32	37
4 MN0095			33	26	34	27	25
5 MN0606CN			36	30	35	34	30
6 M03-149100			32	26	43	37	33
7 M03-289023			31	28	33	30	28
8 M03-289072			37	29	39	40	38
9 M04-212034			35	29	36	34	38
10 M04-216069			32	25	37	37	32
11 M04-219004			31	31	38	38	37
12 M04-220137			34	28	35	32	34
13 M04-228081			36	35	40	44	39
14 M04-273003			32	28	37	39	33
15 M04-359037			38	32	41	44	36
16 M04-359090			37	31	41	37	33
17 M04-360020			39	33	39	43	37
18 M05-166072			33	30	37	37	35
19 ND03-5441			32	26	32	29	27
20 ND04-11421			29	25	31	28	26
21 ND07-1574			34	25	32	28	32
22 ND07-1656			38	26	37	36	34
23 ND07-1698			38	29	37	35	37
24 ND07-1729			38	33	41	42	37
25 ND07-1812			37	26	36	30	32
26 ND07-3987			37	30	35	33	40
27 ND07-3994			35	32	39	43	38
28 ND07-4002			38	33	39	35	36
29 ND07-4140			36	27	31	24	31
30 ND07-4635			30	25	33	30	28

**2010 SCN UNIFORM TEST 0**

**Seed Quality (score)**

SCN HG Type	Danvers	Gaylord	Rose-	Dwight	Ottawa	St. Pauls	Wood-
	MN 1.2.5.7	MN 2.5.7	mount MN 2.5.7	ND 7	ON NI	ON NI	stock ON NI
Strain							
1 Sheyenne	1.0	2.0	1.0	1.0	2.7	1.5	1.0
2 MN1410	1.0	1.0	1.0	1.0	1.7	1.5	1.0
3 Surge	1.0	1.0	1.0	1.0	1.3	1.5	1.5
4 MN0095	1.0	1.0	1.0	1.0	1.0	1.5	1.5
5 MN0606CN	1.0	1.0	1.0	1.0	2.0	1.5	1.5
6 M03-149100	1.0	1.0	1.0	1.0	1.7	1.5	1.5
7 M03-289023	1.0	1.0	1.0	1.0	1.3	1.5	1.5
8 M03-289072	1.0	1.0	1.0	1.0	1.7	1.5	1.5
9 M04-212034	1.0	1.0	1.0	1.0	1.7	1.5	1.0
10 M04-216069	1.0	1.0	1.0	1.0	1.3	1.5	1.0
11 M04-219004	1.0	1.0	1.0	1.0	1.7	1.5	1.0
12 M04-220137	1.0	1.0	1.0	1.0	1.3	1.5	1.0
13 M04-228081	1.0	1.0	1.0	1.0	1.7	1.5	1.0
14 M04-273003	1.0	1.0	1.0	1.0	2.0	2.0	1.0
15 M04-359037	1.0	1.0	1.0	1.0	1.3	1.5	1.0
16 M04-359090	1.0	1.0	1.0	1.0	1.7	1.5	1.0
17 M04-360020	1.0	1.0	2.0	1.0	2.0	2.0	1.0
18 M05-166072	1.0	1.0	1.0	1.0	1.7	1.5	1.5
19 ND03-5441	1.0	1.0	1.0	1.0	1.7	1.5	1.5
20 ND04-11421	1.0	1.0	1.0	1.0	1.3	1.5	1.5
21 ND07-1574	1.0	1.0	1.0	1.0	1.7	1.5	1.0
22 ND07-1656	1.0	1.0	2.0	1.0	2.0	1.5	1.5
23 ND07-1698	1.0	1.0	1.0	1.0	1.7	1.5	1.5
24 ND07-1729	1.0	1.0	1.0	1.0	1.7	2.0	1.5
25 ND07-1812	1.0	1.0	1.0	1.0	1.0	1.5	1.0
26 ND07-3987	1.0	1.0	1.0	1.0	1.0	1.5	1.0
27 ND07-3994	1.0	1.0	1.0	1.0	1.0	1.5	1.0
28 ND07-4002	1.0	1.0	2.0	1.0	1.0	1.5	1.0
29 ND07-4140	1.0	1.0	1.0	1.0	1.3	1.5	1.0
30 ND07-4635	1.0	1.0	2.0	1.0	2.7	2.0	1.5



**2010 SCN UNIFORM TEST 0**

**Seed Weight (g/100)**

		Danvers	Gaylord	Rose-	Dwight	Ottawa	St. Pauls	Wood-
		MN	MN	mount	ND	ON	ON	stock
SCN HG Type		1.2.5.7	2.5.7	2.5.7	7	NI	NI	NI
Strain								
1	Sheyenne	13.6	15.2	13.1	14.6	20.6	16.5	14.6
2	MN1410	14.8	14.0	15.2	13.7	23.1	17.3	17.6
3	Surge	17.9	18.0	17.6	15.1	25.6	21.4	18.6
4	MN0095	12.3	13.9	12.6	14.1	17.4	16.0	13.6
5	MN0606CN	12.9	14.1	13.5	13.1	21.0	16.2	15.0
6	M03-149100	13.4	13.1	12.7	12.0	19.7	16.9	14.6
7	M03-289023	14.4	14.6	14.6	14.8	20.8	16.8	16.3
8	M03-289072	13.3	13.1	14.6	12.5	20.0	17.6	15.2
9	M04-212034	13.7	13.1	11.8	12.5	19.6	16.4	14.2
10	M04-216069	15.2	15.6	15.2	14.8	24.5	19.0	18.3
11	M04-219004	16.1	15.0	12.8	11.6	19.1	14.0	14.8
12	M04-220137	13.7	9.5	12.2	12.6	22.4	17.4	15.0
13	M04-228081	14.0	12.9	13.8	13.9	20.8	17.7	17.8
14	M04-273003	6.9	7.7	7.1	6.4	11.6	9.6	9.3
15	M04-359037	12.3	11.1	12.2	10.6	18.9	17.4	13.6
16	M04-359090	13.8	12.7	13.3	12.7	19.1	17.0	16.4
17	M04-360020	14.3	14.0	12.5	12.5	20.8	18.6	14.5
18	M05-166072	13.7	14.8	13.7	11.1	21.8	18.4	16.4
19	ND03-5441	13.4	14.0	13.4	12.3	20.0	16.1	14.1
20	ND04-11421	14.2	14.4	12.9	14.2	21.5	18.6	15.8
21	ND07-1574	13.1	12.6	13.0	12.1	20.7	15.8	13.6
22	ND07-1656	11.5	11.6	12.3	12.6	18.8	12.9	12.2
23	ND07-1698	12.4	11.8	12.7	12.1	18.7	12.8	14.2
24	ND07-1729	15.2	14.7	12.6	13.9	22.7	17.7	14.8
25	ND07-1812	13.2	14.6	13.4	10.9	20.1	17.6	14.9
26	ND07-3987	14.3	13.8	14.3	14.4	20.0	18.6	15.8
27	ND07-3994	13.9	13.7	14.4	13.3	19.9	17.4	16.8
28	ND07-4002	14.5	13.7	12.8	12.6	20.0	18.4	16.1
29	ND07-4140	11.5	11.8	11.4	11.6	16.2	14.8	13.1
30	ND07-4635	15.7	15.6	15.8	12.2	24.5	19.5	17.0

**2010 SCN UNIFORM TEST 0**

**Protein (%)**

		Danvers	Gaylord	Rose-	Dwight	Ottawa	St. Pauls	Wood-
		MN	MN	mount	ND	ON	ON	stock
SCN HG Type		1.2.5.7	2.5.7	MN	7	NI	NI	ON
				2.5.7				NI
Strain								
1	Sheyenne	34.2	34.8	34.7	32.7	36.0	35.1	34.9
2	MN1410	34.9	35.5	35.8	37.1	39.2	36.5	36.7
3	Surge	35.2	36.0	36.1	37.9	38.8	37.5	37.9
4	MN0095	34.7	35.7	35.9	35.2	35.7	36.5	36.5
5	MN0606CN	34.6	34.8	35.6	34.0	37.1	36.9	36.6
6	M03-149100	33.4	36.4	34.5	33.4	36.6	37.1	36.2
7	M03-289023	33.2	34.8	34.8	36.4	38.5	37.6	37.4
8	M03-289072	33.7	35.5	35.4	35.5	37.9	37.7	37.1
9	M04-212034	33.7	34.3	34.9	33.1	36.1	35.5	36.1
10	M04-216069	35.5	35.7	35.8	37.5	38.9	37.8	38.0
11	M04-219004	35.2	36.0	36.0	34.2	39.3	38.6	38.5
12	M04-220137	35.8	35.3	36.6	35.0	36.9	35.7	35.3
13	M04-228081	35.0	34.7	35.8	35.0	38.7	37.3	36.8
14	M04-273003	34.0	36.0	35.9	33.7	37.7	38.2	38.2
15	M04-359037	35.5	37.0	37.0	35.5	40.5	40.5	39.0
16	M04-359090	35.3	37.2	37.4	35.9	41.2	40.4	40.0
17	M04-360020	34.4	36.1	34.8	37.7	39.8	38.5	38.1
18	M05-166072	34.8	36.7	37.0	37.4	38.4	38.6	38.6
19	ND03-5441	34.9	34.9	35.0	37.1	38.2	37.1	37.0
20	ND04-11421	35.7	36.6	35.6	37.6	39.1	38.5	38.5
21	ND07-1574	33.5	33.8	33.5	32.9	35.2	33.4	34.1
22	ND07-1656	33.6	34.7	35.0	35.9	37.5	36.7	36.1
23	ND07-1698	34.3	34.9	34.8	33.5	37.8	36.8	36.5
24	ND07-1729	35.6	35.7	35.7	35.7	37.1	37.0	37.1
25	ND07-1812	33.6	34.8	35.1	36.4	34.6	35.1	35.5
26	ND07-3987	33.4	34.7	35.3	35.3	38.5	36.9	37.1
27	ND07-3994	34.2	35.4	35.0	36.4	38.5	37.0	37.1
28	ND07-4002	34.4	34.4	35.3	37.9	37.9	36.7	36.5
29	ND07-4140	34.0	34.4	35.0	34.0	36.7	36.6	36.1
30	ND07-4635	34.2	33.3	33.9	36.3	36.1	35.4	35.0

**2010 SCN UNIFORM TEST 0**

**Oil (%)**

		Danvers MN 1.2.5.7	Gaylord MN 2.5.7	Rose- mount MN 2.5.7	Dwight ND 7	Ottawa ON NI	St. Pauls ON NI	Wood- stock ON NI
	Strain							
1	Sheyenne	17.1	18.0	17.4	18.9	18.4	18.2	18.4
2	MN1410	17.3	17.3	17.6	16.2	17.6	18.4	18.1
3	Surge	17.5	18.5	16.7	17.2	17.7	18.1	18.0
4	MN0095	17.2	18.6	17.2	18.4	18.8	18.4	18.2
5	MN0606CN	17.1	18.0	17.0	18.0	18.1	18.0	18.1
6	M03-149100	17.4	18.7	16.7	18.2	18.4	18.4	18.4
7	M03-289023	18.1	17.6	17.0	17.3	17.1	18.1	18.4
8	M03-289072	17.3	17.8	17.3	17.9	17.6	18.3	18.6
9	M04-212034	17.8	18.5	17.3	18.9	18.7	18.5	17.9
10	M04-216069	16.4	18.0	16.5	15.7	16.6	17.5	17.2
11	M04-219004	16.5	18.0	17.0	17.5	17.0	17.6	17.6
12	M04-220137	15.9	17.1	15.6	16.8	17.8	18.7	18.7
13	M04-228081	17.0	17.7	16.9	16.9	16.8	17.7	18.0
14	M04-273003	15.7	16.4	15.1	17.6	16.8	17.1	16.9
15	M04-359037	15.7	16.1	15.4	16.4	16.5	17.0	17.7
16	M04-359090	16.3	15.3	15.0	17.3	16.0	16.8	17.0
17	M04-360020	16.7	16.3	16.4	16.1	16.6	17.3	17.7
18	M05-166072	16.5	16.7	15.7	16.3	17.2	17.2	17.2
19	ND03-5441	17.5	18.2	18.0	16.9	17.1	17.7	17.8
20	ND04-11421	17.1	17.6	16.6	17.1	16.7	16.8	16.8
21	ND07-1574	18.0	18.3	18.0	18.0	19.1	19.1	18.6
22	ND07-1656	17.2	17.8	17.5	17.4	18.4	18.4	18.5
23	ND07-1698	17.9	17.6	17.4	18.1	18.2	18.4	18.5
24	ND07-1729	16.5	17.7	17.0	17.7	17.7	17.9	17.5
25	ND07-1812	17.8	18.1	17.7	18.1	18.7	18.4	18.2
26	ND07-3987	18.3	18.3	17.9	18.5	17.8	18.7	18.4
27	ND07-3994	18.2	18.5	18.0	16.8	18.0	18.6	18.8
28	ND07-4002	17.4	18.1	18.0	17.2	18.0	18.7	18.7
29	ND07-4140	18.3	18.1	17.3	18.9	18.0	18.2	18.5
30	ND07-4635	17.6	17.4	17.3	17.4	18.4	19.0	19.0

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## 2010 SCN UNIFORM TEST I

Strain	Descriptive code	Parentage
1 MN1410	WGbf	MN0302 x Archer
2 IA1022 (SCN)	PGy	Dairyland 98822 x A00-711024
3 Sheyenne (0)	PGy	Pioneer 9071 x A96-492041
4 AR06-165086	PTbl	Garst-Agripro 97026-N99-42648 x Golden Harvest H-2632
5 AR09-191016	P+WT+Gbf+br	Agripro 97284-N00-47977 x AR02-101001
6 AR09-191018	PG bf	Agripro 97284-N00-47977 x AR02-101001
7 AR09-191022	WT+Gbf+br	Agripro 97284-N00-47977 x AR02-101001
8 AR09-191029	PGbf	AR03-161009 x Agripro 97284-N00-47977
9 AR09-191050	WGbf	Agripro 97284-N00-47977 x AR03-161013
10 AR09-191060	PTbr	AR03-161009 x LD00-3309
11 AR09-191062	WTBr+Bl	AR03-161009 x LD00-3309
12 AR09-191064	PT+Gbf+ibl	AR03-161009 x LD00-3309
13 AR09-191068	WGbf	LD02-5868 x AR03-161009
14 M02-385091	P+WTBl	MN0902CN x M95-255017
15 M03-914036	PTy	MN0902CN x B00497B016
16 M04-212108	WTbr+bl	M98-240104 x MN0902CN
17 M04-217116	WGy	M98-239080 x MN1006CN
18 M04-220008	PT+Gbf+br	M98-239080 x M95-255017
19 M04-221040	PTbl	M95-255017 x Cystex
20 M04-226112	WTbl	MN1804CN x M98-239226
21 M04-336008	PT+Gbl+ibl	M98-240104 x IA2064
22 M04-336015	WGbf	M98-240104 x IA2064
23 M04-336023	P+WTbl	M98-240104 x IA2064
24 M04-359025	WTy	MN0902CN x M02-166028

## 2010 SCN UNIFORM TEST I

Strain	Previous testing	Gen. Comp	Traits
1 MN1410	5	F5	Rps1K, BSR
2 IA1022 (SCN)	3	F5	
3 Sheyenne (0)	2	F4	Rsp1-c
4 AR06-165086	1	F4	
5 AR09-191016	NEW	F5	
6 AR09-191018	NEW	F5	
7 AR09-191022	NEW	F5	
8 AR09-191029	NEW	F5	
9 AR09-191050	NEW	F5	
10 AR09-191060	NEW	F4	
11 AR09-191062	NEW	F4	
12 AR09-191064	NEW	F4	
13 AR09-191068	NEW	F4	
14 M02-385091	2	F5	
15 M03-914036	1	F4	
16 M04-212108	NEW	F5	
17 M04-217116	NEW	F5	
18 M04-220008	NEW	F5	
19 M04-221040	NEW	F5	
20 M04-226112	NEW	F5	
21 M04-336008	NEW	F5	1% Linolenic Rps1a
22 M04-336015	NEW	F5	1 % Linolenic Rps1k
23 M04-336023	NEW	F5	2% Linolenic Rps1a
24 M04-359025	NEW	F5	

**2010 SCN UNIFORM TEST I**

Strain	IL SCN screen				MN IDC	ISU IDC
	HG Type 0		HG Type 2.5.7		Danvers	Res=1.3
	FI	rating	FI	rating	score	Sus=3.2
1 MN1410	95	NR	80	NR	3.0	3.8
2 IA1022 (SCN)	5	HR	80	NR	2.5	3.5
3 Sheyenne (0)	44	LR	86	NR	1.8	2.3
4 AR06-165086	7	HR	72	NR	4.0	3.3
5 AR09-191016	2	HR	2	R	2.8	3.1
6 AR09-191018	1	HR	2	R	2.5	2.9
7 AR09-191022	0	HR	3	R	3.3	2.9
8 AR09-191029	0	HR	1	R	4.3	3.3
9 AR09-191050	1	HR	1	R	1.5	2.8
10 AR09-191060	22	R	71	NR	3.8	3.3
11 AR09-191062	3	HR	43	LR	3.5	3.2
12 AR09-191064	13	R	75	NR	4.3	3.4
13 AR09-191068	1	HR	80	NR	2.5	3.1
14 M02-385091	3	HR	62	NR	1.5	3.1
15 M03-914036	7	HR	74	NR	2.5	3.3
16 M04-212108	1	HR	66	NR	1.0	2.9
17 M04-217116	3	HR	55	LR	3.3	3.5
18 M04-220008	1	HR	61	NR	1.8	2.9
19 M04-221040	1	HR	51	LR	1.5	2.3
20 M04-226112	2	HR	85	NR	1.3	2.5
21 M04-336008	59	LR	83	NR	4.0	3.3
22 M04-336015	100	NR	87	NR	3.0	2.1
23 M04-336023	107	NR	81	NR	3.5	3.5
24 M04-359025	5	HR	81	NR	2.8	2.6

## 2010 SCN UNIFORM TEST I

### Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
		10		0		8	9	7	8	8	8	8
1	MN1410	55.2	18			9/12	1.7	33	1.8	15.5	36.1	18.1
2	IA1022 (SCN)	59.8	8			5	1.9	32	1.2	14.3	34.2	19.2
3	Sheyenne (0)	43.2	24			-6	1.3	29	2.3	15.1	34.8	18.3
4	AR06-165086	63.4	2			6	1.6	31	1.3	15.1	35.8	18.0
5	AR09-191016	61.1	4			6	1.9	38	1.5	14.4	35.4	18.1
6	AR09-191018	64.4	1			5	1.9	37	1.3	14.3	34.8	18.6
7	AR09-191022	61.7	3			7	1.8	37	1.5	14.2	35.5	18.0
8	AR09-191029	60.5	5			8	1.6	37	1.5	15.4	34.3	18.5
9	AR09-191050	58.4	11			7	2.2	35	1.4	12.7	35.3	17.4
10	AR09-191060	59.9	7			7	1.5	36	1.5	14.6	34.6	17.7
11	AR09-191062	60.4	6			10	1.5	37	1.3	15.7	34.0	18.5
12	AR09-191064	58.2	12			6	1.7	35	1.4	15.3	34.7	17.9
13	AR09-191068	59.2	10			5	1.3	33	1.4	16.7	34.6	18.7
14	M02-385091	56.5	14			-1	2.0	34	1.5	13.7	35.7	17.5
15	M03-914036	55.4	17			3	2.0	37	1.4	12.7	35.7	17.5
16	M04-212108	54.8	19			-4	1.7	32	2.1	13.6	35.2	17.9
17	M04-217116	59.7	9			3	2.3	37	2.2	16.1	35.2	18.0
18	M04-220008	56.1	16			2	1.4	32	1.3	15.4	35.2	18.3
19	M04-221040	54.1	20			1	1.7	33	1.5	14.9	34.8	18.2
20	M04-226112	57.9	13			5	2.1	40	1.0	13.7	36.0	16.8
21	M04-336008	56.5	14			3	2.0	36	1.3	13.8	33.7	18.2
22	M04-336015	53.3	21			9	2.0	38	1.3	12.8	34.7	17.8
23	M04-336023	47.9	23			-2	1.7	34	1.3	11.8	33.9	18.9
24	M04-359025	48.1	22			-2	1.7	28	1.6	12.8	37.5	16.1



## 2010 SCN UNIFORM TEST I

### 2 Year Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
		17		1		15	17	15	16	16	16	16
1	MN1410	50.9	4	69.5	3	9/17	1.7	32	1.7	16.9	35.6	18.0
2	IA1022 (SCN)	53.9	2	78.0	1	3	1.7	31	1.5	15.9	34.1	19.0
3	Sheyenne (0)	39.7	6	57.5	6	-7	1.4	28	2.4	16.1	34.7	18.1
4	AR06-165086	58.2	1	77.2	2	5	1.6	29	1.3	16.6	35.4	17.8
14	M02-385091	50.5	5	64.0	5	-1	1.8	32	1.6	15.4	35.7	17.4
15	M03-914036	52.5	3	65.6	4	2	1.8	36	1.5	14.4	35.4	17.1

## 2010 SCN UNIFORM TEST I

### Yield (bu/a)

		Arlington IA	Thornton IA	Dekalb IL	Gaylord MN	Lamberton MN	Waseca MN
SCN HG Type		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain							
1	MN1410	51.5	59.3	64.8	53.7	30.6	53.5
2	IA1022 (SCN)	48.8	60.7	69.1	61.2	30.9	51.6
3	Sheyenne (0)	30.3	35.6	54.7	51.0	23.0	44.9
4	AR06-165086	61.2	63.1	70.6	65.0	34.0	65.1
5	AR09-191016	40.9	38.2*	71.3	54.8	35.3	55.2
6	AR09-191018	63.5	57.3	68.1	62.0	39.3	58.3
7	AR09-191022	51.2	47.6	70.1	59.7	37.3	58.5
8	AR09-191029	57.4	63.1	67.8	50.6	40.7	50.5
9	AR09-191050	53.6	61.0	61.9	52.0	40.2	59.5
10	AR09-191060	64.6	53.5	60.1	55.0	40.4	52.4
11	AR09-191062	56.6	60.3	71.0	54.7	28.7	56.5
12	AR09-191064	48.6	42.9*	63.6	59.0	33.1	56.4
13	AR09-191068	53.8	60.6	67.1	57.4	30.5	51.8
14	M02-385091	53.0	47.3	56.7	56.9	42.7	61.0
15	M03-914036	51.8	45.4*	58.8	57.4	31.3	50.1
16	M04-212108	49.3	55.9	59.6	50.1	30.7	62.1
17	M04-217116	60.3	51.8	60.8	59.6	36.3	53.7
18	M04-220008	42.9	52.2	62.0	55.1	26.3	65.6
19	M04-221040	39.0	32.8*	68.4	54.9	32.7	53.7
20	M04-226112	49.2	55.8	61.8	56.2	37.2	59.2
21	M04-336008	54.1	61.6	61.9	51.0	26.6	62.1
22	M04-336015	55.9	49.8	62.6	46.6	25.3	56.8
23	M04-336023	44.1	52.4	59.2	50.5	16.7	48.2
24	M04-359025	38.6	53.0	49.2	50.7	20.2	50.3
Average		50.8	52.5	63.4	55.2	32.1	55.7
LSD(.05)		9.2	9.0	6.1	7.4	5.3	10.9
C.V. %		8.8	8.3	4.6	8.1	10.1	11.8
Replications		2	2	2	3	3	3
Row width (in.)		30	30	30	30	30	30

\* Severe hail damage. Data not included when calculating summary means.

**2010 SCN UNIFORM TEST I**

**Yield (bu/a)**

	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ridge- town ON 2.7
Strain				
1 MN1410	76.5	41.3	60.3	60.3
2 IA1022 (SCN)	75.4	44.8	75.4	80.3
3 Sheyenne (0)	58.9	21.2	49.9	63.0
4 AR06-165086	73.1	46.0	73.6	82.6
5 AR09-191016	67.5	58.2	75.0	91.6
6 AR09-191018	75.5	55.6	73.9	90.5
7 AR09-191022	73.1	54.4	78.1	87.5
8 AR09-191029	71.6	55.7	77.7	69.6
9 AR09-191050	64.0	51.9	65.3	74.2
10 AR09-191060	68.2	46.6	70.7	87.1
11 AR09-191062	78.0	52.9	65.9	79.3
12 AR09-191064	66.0	47.1	69.1	80.7
13 AR09-191068	72.2	49.9	70.8	78.1
14 M02-385091	66.2	42.9	69.5	68.9
15 M03-914036	68.4	40.0	61.3	79.9
16 M04-212108	66.8	37.4	61.1	75.3
17 M04-217116	77.7	52.6	60.6	84.0
18 M04-220008	69.2	42.6	65.9	79.4
19 M04-221040	58.8	42.5	60.0	76.9
20 M04-226112	68.2	43.5	72.8	74.9
21 M04-336008	74.6	45.4	59.5	68.2
22 M04-336015	67.9	43.6	59.7	64.4
23 M04-336023	60.8	31.2	57.7	57.8
24 M04-359025	62.3	35.6	56.5	64.8
Average	69.2	45.1	66.3	75.8
LSD(.05)	8.3	10.0	10.5	7.2
C.V. %	4.9	9.0	6.4	6.9
Replications	2	2	2	3
Row width (in.)	30	30	30	17

**2010 SCN UNIFORM TEST I**

**Yield (rank)**

		Arlington	Thornton	Dekalb	Gaylord	Lamberton	Waseca
		IA	IA	IL	MN	MN	MN
SCN HG Type		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain							
1	MN1410	13	8	10	16	16	16
2	IA1022 (SCN)	17	5	5	3	14	19
3	Sheyenne (0)	24	23	23	18	22	24
4	AR06-165086	3	1	3	1	10	2
5	AR09-191016	21	22	1	14	9	13
6	AR09-191018	2	9	7	2	5	9
7	AR09-191022	14	18	4	4	6	8
8	AR09-191029	5	2	8	21	2	20
9	AR09-191050	10	4	14	17	4	6
10	AR09-191060	1	12	18	12	3	17
11	AR09-191062	6	7	2	15	18	11
12	AR09-191064	18	21	11	6	11	12
13	AR09-191068	9	6	9	7	17	18
14	M02-385091	11	19	22	9	1	5
15	M03-914036	12	20	21	7	13	22
16	M04-212108	15	10	19	23	15	3
17	M04-217116	4	16	17	5	8	14
18	M04-220008	20	15	13	11	20	1
19	M04-221040	22	24	6	13	12	14
20	M04-226112	16	11	16	10	7	7
21	M04-336008	8	3	15	18	19	3
22	M04-336015	7	17	12	24	21	10
23	M04-336023	19	14	20	22	24	23
24	M04-359025	23	13	24	20	23	21

**2010 SCN UNIFORM TEST I**

**Yield (rank)**

	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ridge- town ON 2.7
Strain				
1 MN1410	3	19	18	23
2 IA1022 (SCN)	5	13	3	8
3 Sheyenne (0)	23	24	24	22
4 AR06-165086	7	11	6	6
5 AR09-191016	16	1	4	1
6 AR09-191018	4	3	5	2
7 AR09-191022	7	4	1	3
8 AR09-191029	10	2	2	17
9 AR09-191050	20	7	14	16
10 AR09-191060	13	10	9	4
11 AR09-191062	1	5	12	11
12 AR09-191064	19	9	11	7
13 AR09-191068	9	8	8	12
14 M02-385091	18	16	10	18
15 M03-914036	12	20	15	9
16 M04-212108	17	21	16	14
17 M04-217116	2	6	17	5
18 M04-220008	11	17	13	10
19 M04-221040	24	18	19	13
20 M04-226112	13	15	7	15
21 M04-336008	6	12	21	19
22 M04-336015	15	14	20	21
23 M04-336023	22	23	22	24
24 M04-359025	21	22	23	20

## 2010 SCN UNIFORM TEST I

### Maturity

		Arlington	Thornton	Dekalb	Gaylord	Lamberton	Waseca
		IA	IA	IL	MN	MN	MN
SCN HG Type		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain							
1	MN1410		9/10	9/15	9/18	9/20	9/14
2	IA1022 (SCN)		8	1	2	2	9
3	Sheyenne (0)		-12	-4	-11	-9	-4
4	AR06-165086		7	1	4	4	10
5	AR09-191016		10	1	3	3	11
6	AR09-191018		8	1	3	3	9
7	AR09-191022		11	1	5	3	11
8	AR09-191029		12	2	7	6	11
9	AR09-191050		12	1	6	3	9
10	AR09-191060		11	1	5	6	9
11	AR09-191062		16	3	7	7	14
12	AR09-191064		5	1	4	6	10
13	AR09-191068		7	1	5	6	8
14	M02-385091		-1	-3	-3	2	0
15	M03-914036		3	1	3	3	4
16	M04-212108		-3	-5	-9	-6	0
17	M04-217116		4	2	3	4	5
18	M04-220008		1	1	1	3	2
19	M04-221040		2	1	2	1	1
20	M04-226112		6	1	5	4	9
21	M04-336008		5	1	2	1	5
22	M04-336015		13	5	7	4	11
23	M04-336023		1	-3	-5	-7	1
24	M04-359025		1	-5	-6	-1	-1
Planted		5/20	5/6	5/24	5/18	5/16	5/6

## 2010 SCN UNIFORM TEST I

### Maturity

	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ridge- town ON 2.7
Strain				
1 MN1410	9/8		9/3	9/10
2 IA1022 (SCN)	5		9	6
3 Sheyenne (0)	-5		-1	-3
4 AR06-165086	4		11	7
5 AR09-191016	6		9	8
6 AR09-191018	2		9	7
7 AR09-191022	5		11	6
8 AR09-191029	7		10	10
9 AR09-191050	4		11	7
10 AR09-191060	4		9	9
11 AR09-191062	8		14	10
12 AR09-191064	5		6	8
13 AR09-191068	4		3	6
14 M02-385091	-3		1	1
15 M03-914036	1		2	4
16 M04-212108	-6		-4	0
17 M04-217116	2		3	3
18 M04-220008	3		2	4
19 M04-221040	0		0	4
20 M04-226112	5		2	6
21 M04-336008	1		4	4
22 M04-336015	6		13	10
23 M04-336023	-5		2	-1
24 M04-359025	-5		0	0
Planted	5/27	5/25	5/24	5/25

## 2010 SCN UNIFORM TEST I

### Lodging (score)

		Arlington	Thornton	Dekalb	Gaylord	Lamberton	Waseca
		IA	IA	IL	MN	MN	MN
SCN HG Type		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain							
1	MN1410	1.3	2.3	1.8	1.0	1.0	2.0
2	IA1022 (SCN)	2.0	2.8	2.3	1.0	1.0	2.0
3	Sheyenne (0)	1.3	1.8	1.5	1.0	1.0	1.3
4	AR06-165086	1.5	2.0	2.0	1.0	1.0	2.0
5	AR09-191016	1.8	2.8	3.0	1.0	1.3	2.3
6	AR09-191018	1.8	2.3	3.0	1.0	1.0	2.0
7	AR09-191022	1.5	2.5	2.8	1.0	1.0	2.0
8	AR09-191029	2.0	2.0	2.8	1.0	1.3	2.0
9	AR09-191050	2.3	3.0	3.5	1.0	1.3	2.0
10	AR09-191060	1.3	2.3	1.5	1.0	1.3	2.0
11	AR09-191062	1.5	2.0	2.3	1.0	1.0	2.3
12	AR09-191064	1.3	2.5	2.0	1.0	1.0	2.3
13	AR09-191068	1.3	1.8	2.0	1.0	1.0	2.0
14	M02-385091	1.5	2.3	2.5	1.0	1.7	2.0
15	M03-914036	1.3	3.0	2.5	1.0	1.3	2.0
16	M04-212108	1.5	1.8	2.3	1.0	1.0	2.0
17	M04-217116	2.0	2.5	3.0	1.0	1.3	2.7
18	M04-220008	1.0	1.5	1.5	1.0	1.0	1.7
19	M04-221040	1.5	2.3	2.0	1.0	1.0	2.0
20	M04-226112	1.5	2.8	3.0	1.0	1.0	2.3
21	M04-336008	1.5	2.8	2.8	1.0	1.0	2.3
22	M04-336015	1.5	2.3	3.5	1.0	1.0	2.0
23	M04-336023	2.0	1.8	2.0	1.0	1.0	2.0
24	M04-359025	1.3	2.5	2.0	1.0	1.0	1.7



## 2010 SCN UNIFORM TEST I

### Lodging (score)

SCN HG Type	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ridge- town ON 2.7
Strain				
1 MN1410	1.5		3.5	1.0
2 IA1022 (SCN)	1.5		3.0	1.3
3 Sheyenne (0)	1.0		1.5	1.0
4 AR06-165086	1.0		2.5	1.0
5 AR09-191016	1.0		2.5	1.7
6 AR09-191018	1.0		3.0	2.0
7 AR09-191022	1.0		3.0	1.0
8 AR09-191029	1.0		1.5	1.0
9 AR09-191050	1.5		3.5	2.0
10 AR09-191060	1.0		2.5	1.0
11 AR09-191062	1.0		1.5	1.0
12 AR09-191064	1.0		3.0	1.0
13 AR09-191068	1.0		1.0	1.0
14 M02-385091	2.0		3.5	1.7
15 M03-914036	2.0		3.0	2.0
16 M04-212108	1.0		3.0	1.7
17 M04-217116	2.0		4.0	2.0
18 M04-220008	1.0		2.5	1.0
19 M04-221040	1.5		3.0	1.3
20 M04-226112	2.0		3.0	2.0
21 M04-336008	1.0		3.5	1.7
22 M04-336015	2.0		3.5	1.3
23 M04-336023	1.0		3.0	1.3
24 M04-359025	1.0		4.0	1.0

**2010 SCN UNIFORM TEST I**

**Height (inches)**

		Arlington	Thornton	Dekalb	Gaylord	Lamberton	Waseca
		IA	IA	IL	MN	MN	MN
SCN HG Type		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain							
1	MN1410	31	32	37		28	34
2	IA1022 (SCN)	30	30	36		23	35
3	Sheyenne (0)	24	22	34		21	33
4	AR06-165086	27	30	33		24	33
5	AR09-191016	35	30	44		31	43
6	AR09-191018	34	33	42		29	39
7	AR09-191022	32	31	41		33	41
8	AR09-191029	34	33	38		32	37
9	AR09-191050	29	34	37		28	40
10	AR09-191060	34	31	39		30	38
11	AR09-191062	33	32	40		28	42
12	AR09-191064	33	29	37		29	40
13	AR09-191068	28	31	37		26	35
14	M02-385091	29	30	37		31	37
15	M03-914036	28	33	42		29	39
16	M04-212108	25	27	34		26	39
17	M04-217116	32	34	39		32	43
18	M04-220008	28	26	35		25	37
19	M04-221040	29	25	38		29	39
20	M04-226112	36	37	40		33	47
21	M04-336008	30	34	41		26	41
22	M04-336015	29	32	44		27	45
23	M04-336023	32	30	38		25	41
24	M04-359025	22	29	31		22	31

**2010 SCN UNIFORM TEST I**

**Height (inches)**

	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ridge- town ON 2.7
Strain				
1 MN1410	34			36
2 IA1022 (SCN)	35			37
3 Sheyenne (0)	36			33
4 AR06-165086	32			39
5 AR09-191016	42			44
6 AR09-191018	39			44
7 AR09-191022	37			41
8 AR09-191029	40			42
9 AR09-191050	40			38
10 AR09-191060	38			42
11 AR09-191062	43			42
12 AR09-191064	36			38
13 AR09-191068	34			37
14 M02-385091	35			39
15 M03-914036	41			46
16 M04-212108	33			38
17 M04-217116	41			41
18 M04-220008	34			38
19 M04-221040	34			39
20 M04-226112	37			49
21 M04-336008	36			41
22 M04-336015	39			47
23 M04-336023	35			37
24 M04-359025	30			34

**2010 SCN UNIFORM TEST I**

**Seed Quality (score)**

	Arlington IA	Thornton IA	Dekalb IL	Gaylord MN	Lamberton MN	Waseca MN
SCN HG Type	7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain						
1 MN1410	2.0	2.0	2.0	1.0	2.0	1.0
2 IA1022 (SCN)	1.0	1.0	1.0	1.0	1.0	1.0
3 Sheyenne (0)	2.0	3.0	3.0	1.0	2.0	2.0
4 AR06-165086	1.0	2.0	1.0	1.0	2.0	1.0
5 AR09-191016	2.0	2.0	2.0	1.0	1.0	1.0
6 AR09-191018	1.0	2.0	1.0	1.0	1.0	1.0
7 AR09-191022	2.0	2.0	2.0	1.0	1.0	1.0
8 AR09-191029	2.0	1.0	2.0	1.0	1.0	1.0
9 AR09-191050	1.0	1.0	2.0	1.0	1.0	1.0
10 AR09-191060	2.0	2.0	2.0	1.0	1.0	1.0
11 AR09-191062	2.0	1.0	1.0	1.0	1.0	1.0
12 AR09-191064	2.0	2.0	1.0	1.0	1.0	1.0
13 AR09-191068	1.0	1.0	1.0	1.0	2.0	1.0
14 M02-385091	2.0	2.0	2.0	1.0	1.0	1.0
15 M03-914036	2.0	2.0	1.0	1.0	1.0	1.0
16 M04-212108	2.0	3.0	3.0	1.0	2.0	2.0
17 M04-217116	3.0	3.0	3.0	1.0	1.0	2.0
18 M04-220008	1.0	1.0	2.0	1.0	1.0	1.0
19 M04-221040	2.0	3.0	1.0	1.0	1.0	1.0
20 M04-226112	1.0	1.0	1.0	1.0	1.0	1.0
21 M04-336008	2.0	1.0	1.0	1.0	1.0	1.0
22 M04-336015	2.0	2.0	1.0	1.0	1.0	1.0
23 M04-336023	2.0	1.0	1.0	1.0	2.0	1.0
24 M04-359025	3.0	2.0	1.0	1.0	1.0	1.0

## 2010 SCN UNIFORM TEST I

### Seed Quality (score)

SCN HG Type	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ridge- town ON 2.7
Strain			2.0	2.0
1 MN1410			2.0	1.7
2 IA1022 (SCN)			3.0	2.0
3 Sheyenne (0)			1.0	1.0
4 AR06-165086			2.0	1.3
5 AR09-191016			2.0	1.3
6 AR09-191018			2.0	1.3
7 AR09-191022			2.0	1.7
8 AR09-191029			2.0	2.0
9 AR09-191050			2.0	1.3
10 AR09-191060			2.0	1.0
11 AR09-191062			2.0	1.3
12 AR09-191064			3.0	1.3
13 AR09-191068			2.0	1.3
14 M02-385091			2.0	1.0
15 M03-914036			2.0	1.7
16 M04-212108			3.0	1.3
17 M04-217116			2.0	1.7
18 M04-220008			2.0	1.0
19 M04-221040			1.0	1.0
20 M04-226112			1.0	2.0
21 M04-336008			1.0	1.7
22 M04-336015			1.0	1.3
23 M04-336023			2.0	2.0
24 M04-359025			2.0	2.0

**2010 SCN UNIFORM TEST I**

**Seed Weight (g/100)**

		Arlington IA	Thornton IA	Dekalb IL	Gaylord MN	Lamberton MN	Waseca MN
SCN HG Type		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain							
1	MN1410	15.2	15.9	18.0	14.7	13.6	15.2
2	IA1022 (SCN)	13.9	13.2	16.1	13.3	14.5	13.9
3	Sheyenne (0)	14.1	14.8	18.7	15.0	13.6	14.1
4	AR06-165086	14.9	13.8	16.7	13.2	15.5	14.9
5	AR09-191016	12.9	14.3	16.5	13.2	13.7	12.9
6	AR09-191018	13.4	13.7	16.5	12.9	14.2	13.4
7	AR09-191022	12.8	13.7	16.1	14.3	14.0	12.8
8	AR09-191029	14.9	14.4	16.9	14.4	15.8	14.9
9	AR09-191050	11.7	12.2	14.7	12.2	12.2	11.7
10	AR09-191060	14.9	13.7	16.5	14.3	14.9	14.9
11	AR09-191062	14.7	14.9	18.6	14.9	15.6	14.7
12	AR09-191064	14.6	14.4	17.7	14.5	15.1	14.6
13	AR09-191068	16.3	15.2	19.2	15.1	17.4	16.3
14	M02-385091	13.1	13.5	16.5	13.4	13.0	13.1
15	M03-914036	12.0	12.3	14.3	12.2	12.2	12.0
16	M04-212108	12.8	12.7	15.0	13.4	14.0	12.8
17	M04-217116	16.1	16.0	18.7	14.6	15.2	16.1
18	M04-220008	14.7	14.9	17.6	14.9	14.8	14.7
19	M04-221040	14.3	13.5	18.1	13.8	14.5	14.3
20	M04-226112	12.4	13.3	16.8	13.1	12.7	12.4
21	M04-336008	13.7	13.7	16.9	12.7	12.4	13.7
22	M04-336015	11.8	11.7	15.9	11.6	10.3	11.8
23	M04-336023	11.6	11.2	13.8	10.8	11.3	11.6
24	M04-359025	12.8	13.0	13.6	11.9	12.3	12.8

## 2010 SCN UNIFORM TEST I

### Seed Weight (g/100)

SCN HG Type	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ridge- town ON 2.7
Strain				
1 MN1410		12.7	14.9	18.7
2 IA1022 (SCN)		12.1	13.7	17.8
3 Sheyenne (0)		13.6	14.1	17.2
4 AR06-165086		12.7	14.9	18.8
5 AR09-191016		12.6	13.1	18.8
6 AR09-191018		11.9	13.5	18.5
7 AR09-191022		12.3	13.1	17.6
8 AR09-191029		12.9	15.7	18.2
9 AR09-191050		10.4	12.2	16.4
10 AR09-191060		12.0	12.5	18.4
11 AR09-191062		12.7	14.4	19.9
12 AR09-191064		13.1	14.7	18.5
13 AR09-191068		13.7	15.9	20.4
14 M02-385091		11.0	12.6	16.9
15 M03-914036		9.9	12.4	16.1
16 M04-212108		11.4	12.1	17.1
17 M04-217116		13.2	15.0	20.2
18 M04-220008		12.6	14.4	18.9
19 M04-221040		10.8	13.8	20.4
20 M04-226112		10.9	13.2	17.4
21 M04-336008		11.3	13.4	16.4
22 M04-336015		10.5	13.0	17.6
23 M04-336023		9.6	11.9	14.4
24 M04-359025		10.3	12.3	15.9

**2010 SCN UNIFORM TEST I**

**Protein (%)**

		Arlington	Thornton	Dekalb	Gaylord	Lamberton	Waseca	Waterloo	Ridge-
		IA	IA	IL	MN	MN	MN	NE	town
SCN HG Type		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7	7	ON
		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7	7	2.7
Strain									
1	MN1410	37.0	37.0	35.9	35.7	35.5	34.9	35.3	37.4
2	IA1022 (SCN)	34.4	33.7	34.1	34.4	34.7	34.1	33.6	34.9
3	Sheyenne (0)	35.7	35.8	34.8	34.8	34.7	34.1	32.8	35.8
4	AR06-165086	36.4	35.8	35.3	34.6	35.5	35.6	35.2	38.3
5	AR09-191016	36.1	35.5	34.9	34.9	35.7	34.8	34.1	37.2
6	AR09-191018	35.4	34.5	34.8	33.8	35.5	33.6	34.0	36.9
7	AR09-191022	36.3	35.7	35.2	35.1	35.2	34.3	35.0	37.4
8	AR09-191029	33.9	33.1	34.6	33.8	35.0	34.2	33.4	36.8
9	AR09-191050	35.8	35.3	35.7	34.7	33.9	33.8	34.8	38.1
10	AR09-191060	34.6	34.2	35.8	35.1	34.9	33.1	33.1	36.4
11	AR09-191062	34.2	33.8	34.0	33.7	34.1	33.4	32.9	35.7
12	AR09-191064	35.0	34.6	35.1	34.8	34.6	34.1	33.0	36.6
13	AR09-191068	35.5	34.0	34.7	34.1	35.1	33.0	34.5	36.2
14	M02-385091	36.0	35.6	35.7	35.4	35.0	35.1	35.3	37.1
15	M03-914036	35.8	35.4	35.0	35.6	36.2	35.1	35.0	37.5
16	M04-212108	35.8	35.0	35.0	34.8	35.4	35.2	33.8	36.8
17	M04-217116	36.1	34.7	35.4	34.6	34.7	34.5	34.4	37.1
18	M04-220008	35.6	34.4	35.2	35.4	35.3	34.6	34.1	36.7
19	M04-221040	35.7	34.7	35.1	34.0	34.6	33.9	33.4	36.9
20	M04-226112	36.5	36.0	36.3	34.6	36.0	34.4	35.4	38.6
21	M04-336008	33.7	32.9	33.9	32.9	33.9	33.1	32.8	36.2
22	M04-336015	35.5	34.0	34.6	33.8	34.5	33.3	33.9	38.1
23	M04-336023	35.0	33.1	33.8	34.3	34.5	33.1	31.7	35.8
24	M04-359025	38.5	38.1	36.8	37.3	36.5	36.6	36.3	40.3



## 2010 SCN UNIFORM TEST I

### Oil (%)

		Arlington	Thornton	Dekalb	Gaylord	Lamberton	Waseca	Waterloo	Ridge-
		IA	IA	IL	MN	MN	MN	NE	town
SCN HG Type		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7	7	ON
		7	2.5.7	2.5.7	2.5.7	2.5.7	2.7	7	2.7
Strain									
1	MN1410	17.1	18.6	17.3	18.0	18.1	18.2	18.5	19.0
2	IA1022 (SCN)	18.9	19.1	19.1	18.7	18.6	18.9	19.6	20.4
3	Sheyenne (0)	17.6	18.0	17.8	18.1	17.9	18.7	19.2	19.1
4	AR06-165086	17.8	17.7	17.3	18.1	17.6	18.3	18.6	18.6
5	AR09-191016	17.3	18.6	17.9	17.4	18.4	18.2	18.6	18.7
6	AR09-191018	18.3	18.6	18.0	18.3	18.5	18.5	19.5	19.3
7	AR09-191022	17.5	18.2	17.5	17.7	17.8	17.8	18.8	19.0
8	AR09-191029	18.4	18.8	18.1	18.1	18.4	18.8	19.0	18.1
9	AR09-191050	16.9	17.4	17.3	17.3	17.0	17.5	18.6	17.6
10	AR09-191060	17.2	17.3	18.7	17.9	17.0	17.6	18.1	17.9
11	AR09-191062	18.4	18.3	18.2	18.5	17.9	18.7	19.3	19.1
12	AR09-191064	17.6	18.1	16.8	17.8	17.2	17.9	18.9	18.7
13	AR09-191068	18.2	18.5	18.1	18.6	18.0	19.0	19.5	19.4
14	M02-385091	16.7	17.3	17.4	16.9	17.4	17.2	18.7	18.6
15	M03-914036	16.6	17.3	17.5	17.7	16.6	18.0	18.3	17.7
16	M04-212108	17.5	17.4	17.3	17.9	17.7	18.3	18.5	18.3
17	M04-217116	17.7	18.4	17.4	18.3	17.8	18.2	18.1	18.4
18	M04-220008	17.6	18.3	18.2	18.6	17.6	18.1	18.9	18.8
19	M04-221040	17.5	18.3	17.9	17.8	18.1	18.4	18.4	19.1
20	M04-226112	16.3	16.4	16.3	16.5	17.5	16.8	17.4	17.5
21	M04-336008	18.0	18.5	17.5	17.9	17.8	17.8	19.3	18.4
22	M04-336015	18.0	17.5	17.7	17.4	17.7	18.0	18.5	17.3
23	M04-336023	18.4	18.7	18.4	18.1	18.1	19.0	20.6	20.1
24	M04-359025	15.5	15.6	15.8	15.6	16.0	16.0	17.8	16.8

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## 2010 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 AR08-285024	WGbfg	IA1009BC-75-2-18-1 x SoyGenetics 96-23036
6 E07048	PGgr	IA3017 x Loda
7 E07051	PGibl	IA3017 x Loda
8 E07087	PTbl	Loda x IA2066
9 LD05-1540	WTbl	Syngenta S25-J5 x SS98-3403
10 LD06-16721	PTbl	Dwight(4) x (Dowling x Loda)
11 U06-100699	PLtbl	U01-390489 x LG00-3372

Strain	Previous testing	Gen. Comp.	Traits
1 IA2094	2	F4	
2 IA1022 (SCN)	2	F5	
3 IA3024	3	F5	1% linolenic
4 LD02- 4485	5	F5	
5 AR08-285024	09SCN P II	F4	
6 E07048	09SCN P II	F5	
7 E07051	09SCN P II	F5	
8 E07087	09SCN P II	F5	
9 LD05-1540	2	F5	
10 LD06-16721	09SCN P II	F3	Rag1
11 U06-100699	09SCN P II	F5	dt

## 2010 SCN UNIFORM TEST II

Strain	IL SCN screen				MN IDC	ISU IDC	ISU SDS
	HG Type 0		HG Type 2.5.7		Danvers	Res=1.3	Nevada
	FI	rating	FI	rating	score	Sus=3.2	DX%
1 IA2094	94	NR	71	NR	2.8	3.3	9
2 IA1022 (SCN)	5	HR	80	NR	2.5	2.8	73
3 IA3024	78	NR	86	NR	1.5	3.8	64
4 LD02- 4485	1	HR	64	NR	1.5	2.8	4
5 AR08-285024	6	HR	93	NR	1.5	2.8	6
6 E07048	2	HR	74	NR	2.8	2.9	4
7 E07051	4	HR	81	NR	3.0	3.1	16
8 E07087	11	R	65	NR	3.0	3.5	14
9 LD05-1540	14	R	81	NR	4.3	3.5	47
10 LD06-16721	5	HR	86	NR	2.5	3.0	10
11 U06-100699	79	NR	96	NR	3.3	3.2	51

## 2010 SCN UNIFORM TEST II

### Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
	Locations	12		2		12	14	12	11	14	12	12
1	IA2094	57.0	6	57.5	4	9/19	1.6	34	1.5	14.6	35.0	18.1
2	IA1022 (SCN)	55.5	9	56.4	6	-5	1.5	31	1.6	14.3	33.8	19.3
3	IA3024	56.6	7	58.0	2	5	1.3	35	1.5	14.4	32.6	18.2
4	LD02- 4485	63.1	1	57.7	3	1	1.6	35	1.4	13.2	32.5	18.6
5	AR08-285024	61.6	2	58.4	1	3	1.7	35	1.3	12.2	33.9	18.4
6	E07048	61.5	3	51.9	9	4	1.9	36	1.9	15.3	33.5	18.3
7	E07051	60.3	4	54.8	8	-2	1.3	32	1.6	16.5	34.3	18.1
8	E07087	53.1	10	49.5	11	0	1.5	36	1.5	13.8	33.6	18.0
9	LD05-1540	57.8	5	55.9	7	1	1.3	34	1.3	15.4	34.6	18.5
10	LD06-16721	56.2	8	51.9	9	5	1.6	36	1.4	13.0	34.1	17.2
11	U06-100699	51.1	11	57.5	4	5	1.6	35	2.0	15.8	34.8	17.5

### 2 Year Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
	Locations	25		4		25	27	26	21	29	23	23
1	IA2094	53.9	3	55.3	3	9/21	1.6	31	1.6	15.8	34.9	18.0
2	IA1022 (SCN)	51.2	5	53.9	5	-4	1.5	29	1.7	15.5	33.6	19.3
3	IA3024	52.6	4	55.2	4	4	1.4	33	1.7	16.0	32.8	18.0
4	LD02- 4485	58.8	1	55.7	2	1	1.5	32	1.6	14.4	32.8	18.4
9	LD05-1540	55.8	2	57.4	1	1	1.4	33	1.5	16.9	34.5	18.4

## 2010 SCN UNIFORM TEST II

### Yield (bu/a)

SCN HG Type	West							
	Nevada	Urbana	Pontiac	Urbana	Lafayette	Gaylord	Lamberton	Waseca
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	IN 2.5.7	MN 2.5.7	MN 2.5.7	MN 2.7
Strain								
1 IA2094	50.3	78.6	70.9	50.8	62.0	59.0	36.6	56.0
2 IA1022 (SCN)	11.4	75.6	67.1	40.0	61.9	61.2	41.6	69.3
3 IA3024	15.9	70.8	79.7	57.3	62.2	57.0	36.2	59.3
4 LD02- 4485	54.4	76.5	79.0	60.3	70.1	58.0	39.0	58.2
5 AR08-285024	46.0	81.9	68.9	54.1	66.4	57.1	42.0	61.7
6 E07048	51.2	82.1	75.9	59.8	69.3	54.2	47.9	59.1
7 E07051	43.6	79.5	76.1	46.5	66.5	58.5	45.3	56.7
8 E07087	33.4	68.9	68.6	39.9	52.3	49.7	41.9	55.0
9 LD05-1540	35.5	76.9	73.1	62.4	69.4	55.6	34.0	53.0
10 LD06-16721	37.5	75.1	70.9	52.8	58.3	52.9	36.5	62.0
11 U06-100699	21.0	71.4	74.6	49.1	59.3	49.5	27.6	52.2
Average	36.4	76.1	73.2	52.1	63.4	55.7	39.0	58.4
LSD(.05)	7.5	6.2	8.1	5.3	7.4	7.7	6.9	6.9
C.V. %	9.2	3.7	5.4	5.0	6.9	8.2	10.9	10.9
Replications	2	2	2	2	3	3	3	3
Row width (in.)	30	30	30	30	30	30	30	30

### Yield (rank)

SCN HG Type	West							
	Nevada	Urbana	Pontiac	Urbana	Lafayette	Gaylord	Lamberton	Waseca
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	IN 2.5.7	MN 2.5.7	MN 2.5.7	MN 2.7
Strain								
1 IA2094	3	4	7	7	7	2	7	8
2 IA1022 (SCN)	11	7	11	10	8	1	5	1
3 IA3024	10	10	1	4	6	6	9	4
4 LD02- 4485	1	6	2	2	1	4	6	6
5 AR08-285024	4	2	9	5	5	5	3	3
6 E07048	2	1	4	3	3	8	1	5
7 E07051	5	3	3	9	4	3	2	7
8 E07087	8	11	10	11	11	10	4	9
9 LD05-1540	7	5	6	1	2	7	10	10
10 LD06-16721	6	8	7	6	10	9	8	2
11 U06-100699	9	9	5	8	9	11	11	11

## 2010 SCN UNIFORM TEST II

### Yield (bu/a)

		Fairmont	Herman	Waterloo	Chatham	Grand Junction	Ingham	Hoytville
		NE	NE	NE	ON	TN	MI	OH
SCN HG Type		1.3.6.7	7	7	7	2	NI	NI
Strain								
1	IA2094	76.1	28.9	70.0	45.0	5.5	49.3	65.8
2	IA1022 (SCN)	70.8	39.5	70.4	57.1	6.8	48.2	64.6
3	IA3024	72.3	53.9	71.1	43.4	15.0	48.5	67.5
4	LD02- 4485	83.0	41.3	79.0	58.2	11.3	45.9	69.5
5	AR08-285024	75.7	53.7	70.3	61.2	11.7	50.1	66.7
6	E07048	75.2	45.8	55.6	62.4	12.3	40.5	63.3
7	E07051	71.4	42.3	74.5	62.3	12.6	48.6	61.1
8	E07087	64.9	34.5	73.1	54.9	7.8	40.5	58.4
9	LD05-1540	72.1	40.3	66.3	54.6	6.8	45.6	66.2
10	LD06-16721	64.5	50.6	60.7	52.8	11.7	46.0	57.8
11	U06-100699	67.0	37.4	59.4	45.0	4.7	44.3	70.7
Average		72.1	42.6	68.2	54.3	9.6	46.1	64.7
LSD(.05)		7.1	12.3	13.8	7.9	2.1	11.7	6.0
C.V. %		4.0	11.6	8.1	10.3	32.2*	14.0	5.5
Replications		2	2	2	3	4	2	3
Row width (in.)		30	30	30	24	30	15	7.5

\*Data not included when calculating means for summary table.

### Yield (rank)

		Fairmont	Herman	Waterloo	Chatham	Grand Junction	Ingham	Hoytville
		NE	NE	NE	ON	TN	MI	OH
SCN HG Type		1.3.6.7	7	7	7	2	NI	NI
Strain								
1	IA2094	2	11	7	10	10	2	6
2	IA1022 (SCN)	8	8	5	5	8	5	7
3	IA3024	5	1	4	11	1	4	3
4	LD02- 4485	1	6	1	4	6	7	2
5	AR08-285024	3	2	6	3	4	1	4
6	E07048	4	4	11	1	3	10	8
7	E07051	7	5	2	2	2	3	9
8	E07087	10	10	3	6	7	11	10
9	LD05-1540	6	7	8	7	8	8	5
10	LD06-16721	11	3	9	8	4	6	11
11	U06-100699	9	9	10	9	11	9	1

## 2010 SCN UNIFORM TEST II

### Maturity

		West							
		Nevada	Urbana	Pontiac	Urbana	Lafayette	Gaylord	Lamberton	Waseca
		IA	IA	IL	IL	IN	MN	MN	MN
SCN HG Type	1.2.5.7	7	2.5.7	7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain									
1	IA2094		9/20	9/13	9/2	9/10	9/27	9/29	9/29
2	IA1022 (SCN)		-7	-6	-6	-5	-3	-5	-4
3	IA3024		10	5	8	7	5	5	-1
4	LD02- 4485		1	2	3	2	4	0	-2
5	AR08-285024		1	1	4	3	4	4	-1
6	E07048		7	5	5	5	5	5	0
7	E07051		-5	-1	-4	0	-2	-1	-2
8	E07087		2	1	-2	0	3	2	-2
9	LD05-1540		-3	1	4	1	1	1	-3
10	LD06-16721		8	3	6	7	5	7	2
11	U06-100699		8	9	4	6	5	3	3
Planted		5/24	5/18	5/20	5/10	5/26	5/18	5/16	5/06

### Lodging (score)

		West							
		Nevada	Urbana	Pontiac	Urbana	Lafayette	Gaylord	Lamberton	Waseca
		IA	IA	IL	IL	IN	MN	MN	MN
SCN HG Type	1.2.5.7	7	2.5.7	7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain									
1	IA2094	2.0	2.8	1.5	1.0	1.0	1.0	1.0	2.0
2	IA1022 (SCN)	1.5	2.5	1.5	1.0	1.3	1.0	1.0	2.0
3	IA3024	1.5	2.0	1.8	1.0	1.0	1.0	1.0	2.0
4	LD02- 4485	2.0	2.8	1.8	1.0	1.0	1.0	1.3	2.0
5	AR08-285024	2.0	2.5	1.8	1.0	1.3	1.0	1.3	2.3
6	E07048	2.3	3.0	3.0	1.3	1.8	1.0	2.0	2.0
7	E07051	1.5	2.0	1.0	1.0	1.0	1.0	1.0	2.0
8	E07087	1.8	2.3	2.0	1.0	1.0	1.0	1.0	2.0
9	LD05-1540	1.5	2.3	1.3	1.0	1.0	1.0	1.0	2.0
10	LD06-16721	2.3	2.5	1.8	1.0	1.0	1.0	1.0	2.0
11	U06-100699	2.0	2.3	3.0	1.0	1.0	1.0	1.0	2.0



## 2010 SCN UNIFORM TEST II

### Maturity

		Fairmont	Herman	Waterloo	Chatham	Grand Junction	Ingham	Hoytville
		NE	NE	NE	ON	TN	MI	OH
SCN HG Type		1.3.6.7	7	7	7	2	NI	NI
Strain								
1	IA2094	9/17		9/19	9/30	9/7*		9/13
2	IA1022 (SCN)	-4		-5	-4	0		-3
3	IA3024	4		4	2	7		5
4	LD02- 4485	-1		2	0	0		1
5	AR08-285024	4		3	5	0		4
6	E07048	2		3	7	3		2
7	E07051	-3		-5	2	0		-2
8	E07087	-3		-1	3	3		-1
9	LD05-1540	0		0	2	9		4
10	LD06-16721	3		4	8	0		5
11	U06-100699	3		3	3	13		7
Planted		5/27	5/25	5/24	6/15	6/21	5/30	5/29

\*Data not included when calculating means for summary table.

### Lodging (score)

		Fairmont	Herman	Waterloo	Chatham	Grand Junction	Ingham	Hoytville
		NE	NE	NE	ON	TN	MI	OH
SCN HG Type		1.3.6.7	7	7	7	2	NI	NI
Strain								
1	IA2094	1.0		2.5	1.7	2.0	2.5	1.0
2	IA1022 (SCN)	1.0		3.0	1.3	1.0	2.5	1.0
3	IA3024	1.0		2.0	1.0	1.0	1.5	1.0
4	LD02- 4485	1.0		3.0	2.0	1.0	1.5	1.0
5	AR08-285024	1.5		3.0	2.3	1.0	2.0	1.0
6	E07048	1.0		4.0	2.0	1.0	1.5	1.0
7	E07051	1.0		2.0	2.0	1.0	1.0	1.0
8	E07087	1.0		3.0	1.7	1.0	1.5	1.0
9	LD05-1540	1.0		2.5	1.3	1.0	1.0	1.0
10	LD06-16721	1.0		2.5	2.7	1.0	2.0	1.0
11	U06-100699	1.5		2.5	2.3	1.0	1.5	1.0

**2010 SCN UNIFORM TEST II**

**Height (inches)**

		Nevada	Urbana	Pontiac	Urbana	West	Gaylord	Lamberton	Waseca
		IA	IA	IL	IL	Lafayette	MN	MN	MN
SCN HG Type	1.2.5.7	7	2.5.7	7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain									
1	IA2094	37	40	37	29	39		31	37
2	IA1022 (SCN)	28	40	32	26	35		27	36
3	IA3024	30	42	40	32	39		32	38
4	LD02- 4485	37	41	38	30	39		30	38
5	AR08-285024	33	41	37	31	39		31	35
6	E07048	37	42	40	31	38		33	37
7	E07051	33	39	34	26	35		28	35
8	E07087	38	40	41	32	38		34	37
9	LD05-1540	34	40	35	31	40		30	37
10	LD06-16721	40	44	39	31	39		31	41
11	U06-100699	37	43	38	28	39		29	37

**Seed Quality (score)**

		Nevada	Urbana	Pontiac	Urbana	West	Gaylord	Lamberton	Waseca
		IA	IA	IL	IL	Lafayette	MN	MN	MN
SCN HG Type	1.2.5.7	7	2.5.7	7	2.5.7	2.5.7	2.5.7	2.5.7	2.7
Strain									
1	IA2094	1.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0
2	IA1022 (SCN)	3.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0
3	IA3024	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0
4	LD02- 4485	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0
5	AR08-285024	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
6	E07048	1.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0
7	E07051	2.0	1.0	1.0	3.0	1.5	1.0	1.0	1.0
8	E07087	2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0
9	LD05-1540	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	LD06-16721	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
11	U06-100699	2.0	2.0	2.0	4.0	2.0	1.0	1.0	1.0

**2010 SCN UNIFORM TEST II**

**Height (inches)**

SCN HG Type	Fairmont	Herman	Waterloo	Chatham	Grand Junction	Ingham	Hoytville
	NE	NE	NE	ON	TN	MI	OH
	1.3.6.7	7	7	7	2	NI	NI
Strain							
1 IA2094	39			31	19	38	31
2 IA1022 (SCN)	35			31	19	36	28
3 IA3024	40			31	25	39	33
4 LD02- 4485	40			36	22	35	31
5 AR08-285024	40			39	22	36	33
6 E07048	42			37	25	35	33
7 E07051	38			35	20	32	29
8 E07087	39			37	20	39	33
9 LD05-1540	39			34	22	39	33
10 LD06-16721	42			37	21	36	33
11 U06-100699	40			36	18	39	35

**Seed Quality (score)**

SCN HG Type	Fairmont	Herman	Waterloo	Chatham	Grand Junction	Ingham	Hoytville
	NE	NE	NE	ON	TN	MI	OH
	1.3.6.7	7	7	7	2	NI	NI
Strain							
1 IA2094			1.0		3.0		1.0
2 IA1022 (SCN)			1.0		3.0		1.0
3 IA3024			2.0		3.0		1.5
4 LD02- 4485			2.0		3.0		1.5
5 AR08-285024			1.0		3.0		1.0
6 E07048			2.0		3.0		2.0
7 E07051			1.0		3.0		2.0
8 E07087			1.0		3.0		2.0
9 LD05-1540			1.0		3.0		1.0
10 LD06-16721			1.0		3.0		1.5
11 U06-100699			1.0		3.0		2.5

**2010 SCN UNIFORM TEST II**

**Seed Weight (g/100)**

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	West				
					Lafayette IN 2.5.7	Gaylord MN 2.5.7	Lamberton MN 2.5.7	Waseca MN 2.7	
Strain									
1 IA2094	13.1	16.7	17.4	13.0	13.7	14.4	13.9	14.8	
2 IA1022 (SCN)	10.0	16.0	16.5	13.6	14.5	14.4	15.5	14.2	
3 IA3024	9.9	16.6	16.1	13.1	13.0	15.4	13.5	14.4	
4 LD02- 4485	11.8	14.1	14.4	11.8	13.0	12.8	13.2	13.1	
5 AR08-285024	10.6	13.1	13.1	10.5	11.0	12.1	11.5	12.7	
6 E07048	14.0	18.1	17.3	13.7	14.5	15.3	14.6	14.2	
7 E07051	13.0	18.3	19.4	15.2	16.8	14.7	16.8	16.7	
8 E07087	11.9	15.2	15.3	11.6	12.7	13.3	14.2	14.5	
9 LD05-1540	12.9	17.6	17.3	14.7	15.0	15.8	14.9	14.8	
10 LD06-16721	10.9	14.9	14.2	11.4	11.9	13.0	13.0	12.6	
11 U06-100699	11.0	16.4	18.2	14.8	16.5	14.4	15.1	16.3	

**Protein (%)**

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	West		Lamber-					
					Lafayette IN 2.5.7	Gaylord MN 2.5.7	ton MN 2.5.7	Waseca MN 2.7	Waterloo NE 7	Chatham ON 7	Ingham MI NI	Hoytville OH NI
Strain												
1 IA2094	35.3	35.9	34.5	33.9	35.4	34.6	35.7	34.4	34.5	35.7	36.0	34.2
2 IA1022 (SCN)	35.4	35.3	32.9	32.1	34.0	33.3	34.8	33.1	33.7	33.7	34.2	32.9
3 IA3024	33.6	33.8	31.8	31.6	32.5	33.2	32.7	31.9	31.5	35.1	31.9	31.7
4 LD02- 4485	32.7	33.3	32.9	31.2	32.7	32.9	32.8	31.5	32.0	34.0	32.5	31.4
5 AR08-285024	34.6	34.3	33.5	32.8	34.1	33.8	34.2	34.1	33.8	35.0	33.2	33.1
6 E07048	34.1	34.5	33.5	32.8	33.7	34.9	33.8	33.3	33.8	35.2	31.5	31.2
7 E07051	34.4	34.6	33.6	35.5	35.0	34.7	34.6	33.4	34.0	35.4	33.3	32.9
8 E07087	34.3	33.8	32.5	32.4	32.9	33.3	34.4	33.0	33.4	34.3	33.9	34.5
9 LD05-1540	35.2	35.0	34.8	33.1	34.3	34.1	35.3	34.1	34.3	35.6	34.3	34.8
10 LD06-16721	35.0	34.6	34.0	32.9	33.1	33.5	34.4	33.0	34.1	36.3	34.9	33.4
11 U06-100699	36.7	35.6	35.0	34.2	34.9	34.6	34.4	34.8	34.9	35.5	33.4	33.4

## 2010 SCN PRELIM TEST II

### Seed Weight (g/100)

SCN HG Type	Fairmont	Herman	Waterloo	Chatham	Grand Junction	Ingham	Hoytville
	NE 1.3.6.7	NE 7	NE 7	ON 7	TN 2	MI NI	OH NI
Strain							
1 IA2094		10.7	13.0	16.8	16.5	15.5	14.4
2 IA1022 (SCN)		11.2	12.7	16.8	17.3	14.0	13.8
3 IA3024		12.1		17.3	16.9	15.2	13.9
4 LD02- 4485		10.4	12.6	16.6	15.4	13.9	12.1
5 AR08-285024		10.1	12.3	15.0	14.9	12.8	11.4
6 E07048		11.5	15.2	19.2	16.4	16.2	13.6
7 E07051		12.7	15.6	21.1	18.3	16.5	15.2
8 E07087		11.0	12.9	19.1	16.1	13.8	11.6
9 LD05-1540		12.7	13.9	17.8	17.9	15.8	14.3
10 LD06-16721		10.7	12.2	17.3	14.6	13.1	11.9
11 U06-100699		12.4	15.8	18.4	18.5	17.5	15.8

### Oil (%)

SCN HG Type	Nevada	Urbana	Pontiac	Urbana	West Lafayette	Gaylord	Lamber- ton	Waseca	Waterloo	Chatham	Ingham	Hoytville
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	IN 2.5.7	MN 2.5.7	MN 2.5.7	MN 2.7	NE 7	ON 7	MI NI	OH NI
Strain												
1 IA2094	17.8	18.2	18.0	18.3	18.2	17.6	18.4	17.6	18.6	18.7	17.4	18.2
2 IA1022 (SCN)	17.3	18.9	19.4	20.2	19.4	19.0	18.8	19.5	19.9	20.3	18.8	19.8
3 IA3024	16.7	17.7	18.4	19.0	18.0	17.8	17.6	18.0	19.7	18.1	18.4	19.0
4 LD02- 4485	18.4	18.2	18.3	19.3	18.4	18.0	18.6	18.4	19.3	18.9	18.1	19.0
5 AR08-285024	18.2	18.1	18.5	18.9	18.2	17.7	18.4	18.6	18.6	18.8	18.6	18.7
6 E07048	18.1	17.6	17.9	18.7	18.1	18.3	17.4	18.4	18.7	18.3	19.0	18.8
7 E07051	17.5	17.6	17.6	18.2	18.3	17.9	18.1	18.5	18.8	18.4	18.5	18.0
8 E07087	17.0	17.9	18.4	17.9	17.9	17.2	18.0	18.2	18.9	18.6	17.6	17.8
9 LD05-1540	18.2	18.7	18.6	19.1	18.1	18.1	18.2	18.8	18.9	19.1	18.0	18.5
10 LD06-16721	16.6	17.5	17.3	17.2	17.0	16.6	17.2	17.3	17.5	17.9	17.5	16.9
11 U06-100699	16.0	17.1	17.1	17.7	17.5	17.2	17.5	18.0	17.5	18.5	17.7	18.5

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## 2010 SCN PRELIM TEST II

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 AR09-191058	PT+Gbr+bf	LS98-0582 x Agripro 97284-N00-47977	F5	
6 AR09-191087	P+WGY	Soygenetics F35102C x AR05-250118	F4	
7 AR09-291001	WTbr	Agripro 97284-N00-47977 x AR02-101001	F5	
8 AR09-291011	PGbf	AR03-161009 x Agripro 97284-N00-47977	F5	
9 AR09-291017	PGbf	Agripro 97284-N00-47977 x AR03-263003	F5	
10 AR09-291028	P+WTbl	AR03-161009 x LD00-3309	F4	
11 AR09-291036	PLtbr	AR03-263037 x Soygenetics F35102C	F4	
12 AR09-291054	PT+Gbl+ibl	Soygenetics F35102C x AR03-263051	F4	
13 AR09-291056	WT+Ltgr	HS1-3886 x AR05-250117	F4	
14 AR09-291076	WGbf	AR02-101001 x AR05-250118	F4	
15 AR09-291081	WGY	AR02-101001 x AR05-250117	F4	
16 E08052	PTbr	E01260 x LD00-4970	F5	
17 E08058	PGbf	E01260 x LD00-4970	F5	
18 E08286	PTbl	IA2064 x Loda	F5	
19 LD07-2177	PLt+Gbl+bf	IA3023 x LD02-4485	F5	
20 LD07-2192	PLt+Gbf+y	IA3023 x LD02-4485	F5	
21 LD07-2724	P+WTgr	IA2068 x LD00-3309	F5	
22 M04-215043	WGY	M98-239080 x Dwight	F5	
23 M04-216020	WTy	M98-239123 x M95-255017	F5	

**2010 SCN PRELIM TEST II**

Strain	IL SCN screen				ISU IDC	ISU SDS
	HG Type 0		HG Type 2.5.7		Res=1.3	Nevada
	FI	rating	FI	rating	Sus=3.2	DX%
1 IA2094	94	NR	71	NR	3.3	20
2 IA1022 (SCN)	5	HR	80	NR	2.8	67
3 IA3024	78	NR	86	NR	3.8	67
4 LD02- 4485	1	HR	64	NR	2.8	9
5 AR09-191058	0	HR	14	R	3.1	15
6 AR09-191087	1	HR	72	NR	3.2	46
7 AR09-291001	1	HR	1	HR	2.8	4
8 AR09-291011	2	HR	15	R	3.0	31
9 AR09-291017	0	HR	48	LR	3.1	42
10 AR09-291028	2	HR	78	NR	3.9	1
11 AR09-291036	4	HR	50	LR	2.9	10
12 AR09-291054	10	R	86	NR	2.9	22
13 AR09-291056	39	MR	48	LR	1.4	18
14 AR09-291076	93	NR	55	LR	2.6	5
15 AR09-291081	64	NR	76	NR	2.6	14
16 E08052	85	NR	100	NR	3.2	10
17 E08058	67	NR	95	NR	4.1	65
18 E08286	1	HR	44	LR	2.8	28
19 LD07-2177	45	LR	67	NR	2.8	12
20 LD07-2192	16	R	71	NR	3.7	9
21 LD07-2724	6	HR	82	NR	2.6	12
22 M04-215043	3	HR	88	NR	3.5	24
23 M04-216020	1	HR	74	NR	3.0	3



## 2010 SCN PRELIM TEST II

### Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
		7		1		5	7	6	5	7	6	6
1	IA2094	63.7	6	52.7	9	9/14	2.1	38	1.6	14.7	34.8	18.2
2	IA1022 (SCN)	55.4	23	58.2	2	-5	2.0	34	1.8	13.9	34.3	19.1
3	IA3024	60.8	12	55.6	4	6	1.9	38	1.8	14.2	32.5	18.1
4	LD02- 4485	70.9	1	52.5	10	2	2.0	37	1.6	13.1	32.7	18.5
5	AR09-191058	62.2	9	50.0	14	0	2.6	38	1.4	15.1	34.4	19.1
6	AR09-191087	57.5	21	61.2	1	4	2.1	36	2.8	14.2	34.1	18.2
7	AR09-291001	64.2	3	48.6	16	0	1.7	41	2.2	13.9	34.5	18.5
8	AR09-291011	63.9	5	46.6	20	3	2.0	41	2.2	14.4	34.0	18.6
9	AR09-291017	58.5	15	42.1	22	2	2.1	42	2.0	13.6	34.3	18.1
10	AR09-291028	61.1	10	47.8	19	-4	1.6	35	1.4	13.0	32.8	18.6
11	AR09-291036	62.6	8	48.1	18	-2	2.1	37	1.4	16.0	34.3	18.3
12	AR09-291054	57.6	19	51.1	12	2	2.0	42	1.6	14.0	34.0	18.2
13	AR09-291056	57.6	19	46.5	21	3	1.7	36	2.0	14.8	34.6	17.9
14	AR09-291076	61.0	11	54.4	6	2	2.1	36	2.8	15.6	34.1	18.9
15	AR09-291081	55.7	22	49.1	15	-2	1.9	38	2.0	15.7	34.6	18.1
16	E08052	58.4	16	50.8	13	12	2.4	44	1.2	14.7	34.0	18.2
17	E08058	60.0	14	51.9	11	6	2.1	40	1.4	13.5	34.0	18.0
18	E08286	60.2	13	41.4	23	10	2.1	42	1.4	14.1	33.6	18.1
19	LD07-2177	64.2	3	56.6	3	6	2.1	39	1.8	14.5	32.3	18.9
20	LD07-2192	66.5	2	55.1	5	7	1.5	39	1.6	13.4	33.3	18.4
21	LD07-2724	63.2	7	53.2	7	4	1.5	36	1.6	11.9	34.0	17.6
22	M04-215043	58.1	18	53.1	8	-2	2.0	33	1.4	13.2	34.7	18.4
23	M04-216020	58.2	17	48.2	17	-5	1.9	36	2.4	15.4	35.2	17.7

## 2010 SCN PRELIM TEST II

### Yield (bu/a)

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ingham MI NI	
Strain									
1	IA2094	46.7	82.8	70.9	50.8	77.9	49.2	67.9	52.7
2	IA1022 (SCN)	14.7	77.4	67.1	40.0	74.9	46.5	67.3	58.2
3	IA3024	14.3	73.0	79.7	57.3	75.6	55.1	70.7	55.6
4	LD02- 4485	53.6	77.1	79.0	60.3	82.4	56.1	87.7	52.5
5	AR09-191058	44.1	77.1	74.1	53.0	69.4	51.8	65.9	50.0
6	AR09-191087	33.4	71.2	70.0	47.2	63.0	54.5	62.9	61.2
7	AR09-291001	51.1	74.1	75.9	51.5	68.6	52.5	76.0	48.6
8	AR09-291011	25.1	76.4	79.4	57.5	74.1	62.5	72.4	46.6
9	AR09-291017	27.6	70.1	70.3	54.4	68.1	52.4	66.7	42.1
10	AR09-291028	47.8	75.1	68.8	41.9	75.9	43.0	75.0	47.8
11	AR09-291036	47.9	76.5	72.6	49.2	71.8	46.4	74.1	48.1
12	AR09-291054	28.9	74.0	64.6	55.4	63.9	45.6	71.1	51.1
13	AR09-291056	39.9	70.2	65.6	45.6	69.3	49.6	63.2	46.5
14	AR09-291076	45.9	70.5	70.9	53.6	73.1	45.1	68.0	54.4
15	AR09-291081	39.0	75.1	58.9	42.8	67.1	44.4	62.4	49.1
16	E08052	42.5	68.2	75.0	57.0	61.5	49.9	54.9	50.8
17	E08058	17.0	73.1	80.3	58.5	75.2	51.9	63.8	51.9
18	E08286	26.9	70.9	76.1	55.7	70.9	54.3	66.3	41.4
19	LD07-2177	45.7	76.5	82.3	56.6	72.9	51.5	64.1	56.6
20	LD07-2192	48.7	77.6	83.9	55.4	71.1	56.9	72.0	55.1
21	LD07-2724	43.9	74.8	74.5	55.0	66.7	54.0	73.6	53.2
22	M04-215043	35.0	74.5	70.3	41.4	71.8	45.7	68.0	53.1
23	M04-216020	43.3	72.8	67.8	44.3	66.6	46.9	65.7	48.2
Average		37.5	74.3	73.0	51.5	71.0	50.7	68.7	51.1
LSD(.05)		9.2	8.4	8.1	5.3	7.5	9.7	16.7	5.8
C.V. %		11.8	5.6	5.4	5.0	4.3	7.8	9.9	6.6
Replications		2	2	2	2	2	2	2	2
Row width (in.)		30	30	30	30	30	30	30	15

## 2010 SCN PRELIM TEST II

### Yield (rank)

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ingham MI NI
Strain								
1 IA2094	6	1	13	15	2	15	12	9
2 IA1022 (SCN)	22	3	20	23	6	17	13	2
3 IA3024	23	16	4	4	4	4	9	4
4 LD02- 4485	1	5	6	1	1	3	1	10
5 AR09-191058	9	4	11	13	14	11	16	14
6 AR09-191087	16	18	17	17	22	5	21	1
7 AR09-291001	2	13	8	14	16	8	2	16
8 AR09-291011	20	8	5	3	7	1	6	20
9 AR09-291017	18	22	15	11	17	9	14	22
10 AR09-291028	5	9	18	21	3	23	3	19
11 AR09-291036	4	7	12	16	10	18	4	18
12 AR09-291054	17	14	22	8	21	20	8	12
13 AR09-291056	13	21	21	18	15	14	20	21
14 AR09-291076	7	20	13	12	8	21	10	6
15 AR09-291081	14	10	23	20	18	22	22	15
16 E08052	12	23	9	5	23	13	23	13
17 E08058	21	15	3	2	5	10	19	11
18 E08286	19	19	7	7	13	6	15	23
19 LD07-2177	8	6	2	6	9	12	18	3
20 LD07-2192	3	2	1	8	12	2	7	5
21 LD07-2724	10	11	10	10	19	7	5	7
22 M04-215043	15	12	15	22	10	19	10	8
23 M04-216020	11	17	19	19	20	16	17	17

## 2010 SCN PRELIM TEST II

### Maturity

	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ingham MI NI
Strain								
1 IA2094		9/19	9/13	9/2	9/16		9/19	
2 IA1022 (SCN)		-6	-6	-6	-3		-5	
3 IA3024		8	5	8	6		5	
4 LD02- 4485		4	2	3	1		0	
5 AR09-191058		3	1	0	-1		-2	
6 AR09-191087		3	2	5	6		3	
7 AR09-291001		1	0	1	0		0	
8 AR09-291011		4	2	6	2		3	
9 AR09-291017		4	1	2	0		3	
10 AR09-291028		-3	-3	-3	-4		-5	
11 AR09-291036		-3	-1	-1	-1		-3	
12 AR09-291054		4	-1	3	3		0	
13 AR09-291056		5	0	2	3		3	
14 AR09-291076		6	1	-1	2		2	
15 AR09-291081		1	-3	-2	-2		-5	
16 E08052		14	11	11	14		11	
17 E08058		11	3	6	6		4	
18 E08286		10	11	9	11		7	
19 LD07-2177		9	4	6	7		4	
20 LD07-2192		10	5	8	7		5	
21 LD07-2724		6	1	6	2		4	
22 M04-215043		-4	-1	-2	-1		-3	
23 M04-216020		-5	-5	-5	-3		-9	
Planted	5/24	5/18	5/20	5/10	5/27	5/25	5/24	5/30

## 2010 SCN PRELIM TEST II

### Lodging (score)

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ingham MI NI
Strain								
1 IA2094	2.3	2.8	1.5	1.0	1.0		3.5	2.5
2 IA1022 (SCN)	1.8	2.3	1.5	1.0	1.0		3.5	3.0
3 IA3024	1.5	2.3	1.8	1.0	1.0		2.5	3.0
4 LD02- 4485	2.0	2.5	1.8	1.0	1.0		3.0	3.0
5 AR09-191058	2.8	3.3	3.0	1.3	1.0		3.5	3.5
6 AR09-191087	1.8	2.8	1.8	1.0	1.0		3.0	3.5
7 AR09-291001	1.8	2.5	1.8	1.0	1.0		2.0	2.0
8 AR09-291011	2.0	2.8	2.0	1.0	1.0		2.5	2.5
9 AR09-291017	2.0	2.8	2.0	1.0	1.0		3.5	2.5
10 AR09-291028	1.5	2.3	1.0	1.0	1.0		3.0	1.5
11 AR09-291036	2.0	2.8	1.8	1.0	1.0		3.0	3.0
12 AR09-291054	2.0	2.5	1.5	1.0	1.0		3.0	3.0
13 AR09-291056	2.0	2.5	1.0	1.0	1.0		3.0	1.5
14 AR09-291076	2.5	3.0	1.5	1.0	1.0		3.0	2.5
15 AR09-291081	2.0	2.5	1.3	1.3	1.0		3.0	2.5
16 E08052	2.8	3.8	2.3	1.3	1.0		2.5	3.5
17 E08058	2.5	3.0	2.0	1.0	1.0		3.0	2.5
18 E08286	2.0	2.5	2.5	1.0	1.0		3.0	3.0
19 LD07-2177	2.0	2.5	1.8	1.5	1.0		3.0	3.0
20 LD07-2192	1.5	2.5	1.3	1.0	1.0		1.5	2.0
21 LD07-2724	1.8	2.0	1.0	1.0	1.0		2.0	1.5
22 M04-215043	2.0	2.8	1.0	1.0	1.0		3.0	3.0
23 M04-216020	2.3	3.0	1.3	1.0	1.0		2.5	2.5

## 2010 SCN PRELIM TEST II

### Height (inches)

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ingham MI NI
Strain								
1 IA2094	37	42	37	29	39			42
2 IA1022 (SCN)	29	42	32	26	35			41
3 IA3024	33	43	40	32	39			41
4 LD02- 4485	35	40	38	30	39			41
5 AR09-191058	38	45	38	30	37			42
6 AR09-191087	34	39	35	29	39			40
7 AR09-291001	42	48	41	32	43			43
8 AR09-291011	39	46	41	33	42			43
9 AR09-291017	41	48	42	32	45			43
10 AR09-291028	35	40	34	27	38			38
11 AR09-291036	37	40	36	26	38			44
12 AR09-291054	39	47	41	35	43			45
13 AR09-291056	36	41	35	26	39			39
14 AR09-291076	37	40	35	28	38			40
15 AR09-291081	35	44	35	31	38			43
16 E08052	44	51	44	40	44			44
17 E08058	36	42	44	35	40			41
18 E08286	40	45	43	34	46			44
19 LD07-2177	36	44	40	30	41			41
20 LD07-2192	38	45	41	30	41			42
21 LD07-2724	36	44	37	27	36			37
22 M04-215043	33	38	33	25	33			39
23 M04-216020	36	43	33	28	37			42

## 2010 SCN PRELIM TEST II

### Seed Quality (score)

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ingham MI NI
Strain								
1 IA2094	3.0	1.0	1.0	2.0			1.0	
2 IA1022 (SCN)	2.0	2.0	2.0	1.0			2.0	
3 IA3024	2.0	2.0	2.0	1.0			2.0	
4 LD02- 4485	1.0	2.0	2.0	1.0			2.0	
5 AR09-191058	2.0	2.0	1.0	1.0			1.0	
6 AR09-191087	4.0	3.0	2.0	2.0			3.0	
7 AR09-291001	3.0	2.0	2.0	2.0			2.0	
8 AR09-291011	4.0	2.0	1.0	2.0			2.0	
9 AR09-291017	2.0	4.0	1.0	1.0			2.0	
10 AR09-291028	2.0	2.0	1.0	1.0			1.0	
11 AR09-291036	1.0	2.0	2.0	1.0			1.0	
12 AR09-291054	2.0	2.0	2.0	1.0			1.0	
13 AR09-291056	2.0	1.0	2.0	3.0			2.0	
14 AR09-291076	2.0	3.0	4.0	3.0			2.0	
15 AR09-291081	2.0	1.0	3.0	3.0			1.0	
16 E08052	1.0	1.0	1.0	1.0			2.0	
17 E08058	2.0	2.0	1.0	1.0			1.0	
18 E08286	2.0	2.0	1.0	1.0			1.0	
19 LD07-2177	2.0	2.0	1.0	2.0			2.0	
20 LD07-2192	1.0	2.0	2.0	1.0			2.0	
21 LD07-2724	2.0	2.0	1.0	2.0			1.0	
22 M04-215043	2.0	2.0	1.0	1.0			1.0	
23 M04-216020	2.0	2.0	3.0	3.0			2.0	

## 2010 SCN PRELIM TEST II

### Seed Weight (g/100)

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Ingham MI NI
Strain								
1 IA2094	13.1	17.7	17.4	13.0		11.4	14.0	16.6
2 IA1022 (SCN)	9.7	16.1	16.5	13.6		11.7	13.4	16.5
3 IA3024	9.1	16.0	16.1	13.1		12.2	15.2	17.3
4 LD02- 4485	12.1	13.8	14.4	11.8		11.3	13.5	14.8
5 AR09-191058	12.9	17.3	16.9	12.8		12.8	16.4	17.0
6 AR09-191087	11.0	15.7	15.7	12.4		13.3	13.3	18.3
7 AR09-291001	13.6	15.4	15.0	13.0		12.1	13.1	15.4
8 AR09-291011	10.0	16.3	16.2	13.2		13.2	15.5	16.0
9 AR09-291017	10.7	15.6	14.5	12.5		11.6	14.7	15.3
10 AR09-291028	12.3	15.2	14.4	11.5		11.2	13.1	13.5
11 AR09-291036	14.4	18.1	16.9	14.3		13.2	16.1	18.9
12 AR09-291054	11.9	16.1	14.9	12.9		11.3	13.4	17.2
13 AR09-291056	13.1	18.8	15.7	12.1		12.2	15.0	17.0
14 AR09-291076	14.6	18.4	16.4	13.4		13.4	16.0	17.3
15 AR09-291081	13.6	19.0	18.5	14.2		12.7	14.8	17.3
16 E08052	14.3	16.7	15.6	12.5		12.0	15.2	16.9
17 E08058	10.2	16.7	14.6	12.1		12.2	14.4	14.6
18 E08286	11.5	17.5	15.6	11.4		11.7	14.1	16.9
19 LD07-2177	12.7	16.1	16.8	13.4		12.3	14.2	15.8
20 LD07-2192	12.0	15.3	14.7	11.9		11.3	13.4	15.4
21 LD07-2724	10.9	14.0	13.1	10.3		10.6	12.1	12.6
22 M04-215043	11.3	15.4	14.7	11.9		10.8	13.7	14.9
23 M04-216020	13.8	18.0	18.1	14.4		11.7	13.3	18.4



## 2010 SCN PRELIM TEST II

### Protein (%)

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Waterloo NE 7	Ingham MI NI
Strain						
1 IA2094	35.6	35.4	34.5	33.9	34.7	34.8
2 IA1022 (SCN)	35.3	34.6	32.9	32.1	35.5	35.3
3 IA3024	33.7	33.2	31.8	31.6	32.2	32.3
4 LD02- 4485	33.0	33.1	32.9	31.2	32.3	33.9
5 AR09-191058	34.5	36.0	34.6	32.4	35.0	33.8
6 AR09-191087	35.9	35.5	32.9	32.7	33.6	33.8
7 AR09-291001	34.8	35.0	33.9	33.4	34.3	35.4
8 AR09-291011	35.2	35.2	33.1	32.6	35.0	32.6
9 AR09-291017	35.8	35.4	33.7	32.6	34.5	34.0
10 AR09-291028	33.2	33.4	32.8	31.6	33.0	32.6
11 AR09-291036	34.2	34.6	34.2	33.8	34.9	33.9
12 AR09-291054	35.4	35.3	33.5	32.8	33.5	33.7
13 AR09-291056	35.4	35.7	33.1	33.0	34.9	35.2
14 AR09-291076	35.4	34.9	33.5	33.1	34.8	32.7
15 AR09-291081	35.0	35.2	35.0	33.6	34.2	34.7
16 E08052	35.3	34.5	33.4	33.1	34.1	33.6
17 E08058	36.4	34.6	34.2	32.3	33.5	33.2
18 E08286	33.9	34.5	33.2	32.0	33.7	34.1
19 LD07-2177	32.2	33.5	33.1	30.6	32.4	31.8
20 LD07-2192	33.4	35.2	32.5	32.0	33.2	33.9
21 LD07-2724	35.4	35.2	33.6	33.1	33.8	33.2
22 M04-215043	35.0	35.5	34.5	33.4	34.7	35.4
23 M04-216020	36.0	35.9	34.5	34.5	34.5	35.7

## 2010 SCN PRELIM TEST II

### Oil (%)

SCN HG Type	Nevada IA 1.2.5.7	Urbana IA 7	Pontiac IL 2.5.7	Urbana IL 7	Waterloo NE 7	Ingham MI NI
Strain						
1 IA2094	18.7	17.9	18.0	18.3	18.5	17.6
2 IA1022 (SCN)	17.0	19.0	19.4	20.2	19.7	19.4
3 IA3024	16.4	18.1	18.4	19.0	19.0	17.5
4 LD02- 4485	18.0	18.2	18.3	19.3	19.0	18.0
5 AR09-191058	18.8	19.1	19.3	19.6	19.7	18.3
6 AR09-191087	16.8	18.4	18.6	18.9	18.8	18.0
7 AR09-291001	18.7	18.5	18.7	18.4	18.6	18.1
8 AR09-291011	16.9	18.4	18.9	19.4	18.9	19.0
9 AR09-291017	16.7	17.9	18.4	19.5	18.3	17.7
10 AR09-291028	18.6	17.9	18.5	19.4	18.7	18.5
11 AR09-291036	17.8	17.6	18.4	18.9	19.2	17.8
12 AR09-291054	18.4	17.5	18.3	18.8	18.4	18.0
13 AR09-291056	17.7	17.3	18.2	18.5	18.5	17.1
14 AR09-291076	18.7	18.8	18.7	19.3	18.7	19.0
15 AR09-291081	18.1	17.7	18.7	18.4	18.2	17.7
16 E08052	19.0	17.8	18.2	18.1	18.4	17.6
17 E08058	15.8	17.9	18.5	18.9	19.0	17.9
18 E08286	17.6	17.6	18.2	18.5	18.3	18.5
19 LD07-2177	19.0	18.7	18.8	19.3	19.2	18.2
20 LD07-2192	18.1	18.2	18.4	18.7	18.4	18.4
21 LD07-2724	16.6	17.7	17.5	18.1	17.6	17.8
22 M04-215043	17.6	18.5	18.9	18.5	18.9	17.8
23 M04-216020	17.1	18.0	18.1	18.0	18.1	17.0

## 2010 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 IA4004	PLty	Dairyland 99433 x A01-409003
5 LD04-13265	PLtbl	Syngenta S32-Z3 x U98-205355
6 LD05-30588Ga	PGbf	LD00-3309(2) x [LD00-4970(2) x (Dowling x Loda)]
7 LD05-30588Ta	PTbr	LD00-3309(2) x [LD00-4970(2) x (Dowling x Loda)]
8 LD06-3024	P+WGy	K1548 x LD00- 3296
9 SS04-143	WTbl	LS87-1218 x SN97-6946

Strain	Previous testing	Gen. Comp.	Traits
1 IA3023	8	F5	
2 IA3024	3	F5	1% linolenic
3 IA3048	NEW	F4	
4 IA4004	1	F4	
5 LD04-13265	2	F5	
6 LD05-30588Ga	NEW	F3	Rag1
7 LD05-30588Ta	NEW	F3	Rag1
8 LD06-3024	09SCN P IIIB	F5	
9 SS04-143	2	F5	

### 2010 SCN UNIFORM TEST III

Strain	IL SCN screen				ISU IDC	SIU SDS
	HG Type 0		HG Type 2.5.7		Res=1.3	LSD=20
	FI	rating	FI	rating	Sus=3.2	DX%
1 IA3023	62	NR	75	NR	3.4	31
2 IA3024	78	NR	86	NR	3.4	49
3 IA3048	2	HR	73	NR	3.4	8
4 IA4004	90	NR	90	NR	3.6	31
5 LD04-13265	1	HR	67	NR	2.8	11
6 LD05-30588Ga	2	HR	51	LR	3.1	9
7 LD05-30588Ta	4	HR	98	NR	3.6	2
8 LD06-3024	11	R	69	NR	4.0	21
9 SS04-143	1	HR	0	HR	3.9	1

## 2010 SCN UNIFORM TEST III

### Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
		13		6		15	18	16	16	17	11	11
1	IA3023	59.1	4	50.8	4	9/18	1.4	34	1.6	13.1	32.8	19.2
2	IA3024	56.4	8	46.5	7	-3	1.3	33	1.9	13.3	31.7	19.3
3	IA3048	61.0	1	51.0	2	2	1.6	34	1.6	12.5	33.0	18.6
4	IA4004	57.5	6	51.0	2	3	1.9	37	2.2	14.7	34.3	18.2
5	LD04-13265	60.6	2	54.3	1	3	1.5	35	1.5	13.8	33.8	18.9
6	LD05-30588Ga	60.4	3	47.2	6	1	1.3	34	1.8	12.3	33.5	18.5
7	LD05-30588Ta	58.0	5	49.8	5	3	1.5	36	1.7	12.3	33.3	18.1
8	LD06-3024	57.3	6	46.1	8	2	1.4	36	1.9	13.7	34.0	18.5
9	SS04-143	52.3	9	43.6	9	6	2.2	40	1.8	13.4	34.8	17.3

### 2 Year Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
		25		12		15	32	30	28	31	22	22
1	IA3023	58.1	2	50.8	3	9/20	1.5	31	1.7	14.8	33.3	19.0
2	IA3024	54.4	4	46.5	4	-2	1.4	31	2.1	14.9	32.3	19.1
4	IA4004	57.7	3	54.3	2	3	2.0	34	2.2	16.0	34.6	18.2
5	LD04-13265	60.8	1	54.9	1	4	1.4	32	1.8	15.3	34.1	18.7
9	SS04-143	53.9	5	46.0	5	6	2.3	38	1.8	14.8	34.9	17.3

**2010 SCN UNIFORM TEST III**

**Yield (bu/a)**

SCN HG Type	Council						West			
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Lafayette	Ashland B	Clarkton	Novelty
	IA	IA	IL	IL	IL	IL	IN	KS	MO	MO
	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I	I
Strain										
1 IA3023	80.9	49.4	58.9	69.8	54.2	54.4	59.5	60.8	17.5	62.1
2 IA3024	74.3	47.9	63.6	54.2	50.1	61.2	62.7	59.0	14.5	45.6
3 IA3048	68.3	63.3	61.5	67.0	60.5	59.2	67.0	55.3	16.7	56.7
4 IA4004	79.0	51.8	57.2	59.0	53.9	63.8	60.2	61.9	15.0	59.5
5 LD04-13265	69.7	65.5	65.3	68.7	63.6	66.0	68.2	60.1	22.4	49.7
6 LD05-30588Ga	72.8	60.3	60.8	72.0	59.2	59.7	64.9	57.2	18.4	49.6
7 LD05-30588Ta	72.5	60.7	57.5	62.3	55.7	58.1	67.3	54.5	18.8	52.1
8 LD06-3024	67.5	57.8	61.1	60.6	58.9	59.0	68.3	46.9	10.7	55.1
9 SS04-143	61.4	58.2	50.8	58.0	52.2	59.7	56.9	54.1	16.9	50.6
Average	71.8	57.2	59.6	63.5	56.5	60.1	63.9	56.6	16.8	53.4
LSD(.05)	8.1	6.2	8.3	6.5	6.3	12.5	4.7	3.5	7.9	4.2
C.V. %	4.9	4.7	7.1	5.9	6.5	10.3	4.2	4.4	27.1	5.1
Replications	2	2	2	3	3	2	3	3	3	3
Row width (in.)	30	30	30	30	30	30	30	30	30	30

**Yield (rank)**

SCN HG Type	Council						West			
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Lafayette	Ashland B	Clarkton	Novelty
	IA	IA	IL	IL	IL	IL	IN	KS	MO	MO
	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I	I
Strain										
1 IA3023	1	8	6	2	6	9	8	2	4	1
2 IA3024	3	9	2	9	9	3	6	4	8	9
3 IA3048	7	2	3	4	2	6	4	6	6	3
4 IA4004	2	7	8	7	7	2	7	1	7	2
5 LD04-13265	6	1	1	3	1	1	2	3	1	7
6 LD05-30588Ga	4	4	5	1	3	4	5	5	3	8
7 LD05-30588Ta	5	3	7	5	5	8	3	7	2	5
8 LD06-3024	8	6	4	6	4	7	1	9	9	4
9 SS04-143	9	5	9	8	8	4	9	8	5	6

## 2010 SCN UNIFORM TEST III

### Yield (bu/a)

SCN HG Type	Grand									Plain
	Fairmont	Herman	Waterloo	Junction	Harrisburg	Ottawa	Columbia	Portage-	Hoytville	City
	NE	NE	NE	TN	IL	KS	MO	MO	OH	OH
1.3.6.7	7	7	2	NI	NI	NI	NI	NI	NI	NI
Strain										
1 IA3023	79.2	50.9	70.3	16.0	63.9	37.6	49.5	46.4	48.8	58.8
2 IA3024	78.3	55.1	67.1	20.0	62.3	23.6	49.1	40.3	51.5	52.2
3 IA3048	82.8	59.0	76.3	18.0	62.6	38.5	57.3	37.8	54.5	55.4
4 IA4004	72.4	45.2	68.6	18.0	62.9	39.1	56.8	44.9	49.7	52.6
5 LD04-13265	59.8	53.0	76.0	23.0	66.8	42.1	54.3	52.5	46.5	63.6
6 LD05-30588Ga	76.9	60.8	72.8	20.0	59.0	35.3	48.4	40.6	43.2	56.6
7 LD05-30588Ta	59.6	65.7	69.3	20.0	60.0	38.4	49.8	44.1	46.2	60.2
8 LD06-3024	77.5	57.9	63.1	22.0	63.2	38.2	47.2	25.2	46.5	56.3
9 SS04-143	51.3	41.2	68.3	21.0	45.8	37.1	48.7	48.0	38.9	43.0
Average	70.9	54.3	70.2	19.6	60.7	36.7	51.2	42.2	47.3	55.4
LSD(.05)	13.1	20.8	8.8	3.1	8.7	2.7	7.0	3.8	4.4	4.8
C.V. %	7.3	15.1	5.0	25.2*	8.3	5.1	9.6	5.2	5.4	4.9
Replications	2	2	2	4	3	3	3	3	3	3
Row width (in.)	30	30	30	30	30	30	30	30	7.5	15

\*Data not included when calculating means for summary table.

### Yield (rank)

SCN HG Type	Grand									Plain
	Fairmont	Herman	Waterloo	Junction	Harrisburg	Ottawa	Columbia	Portage-	Hoytville	City
	NE	NE	NE	TN	IL	KS	MO	MO	OH	OH
1.3.6.7	7	7	2	NI	NI	NI	NI	NI	NI	NI
Strain										
1 IA3023	2	7	4	9	2	6	5	3	4	3
2 IA3024	3	5	8	4	6	9	6	7	2	8
3 IA3048	1	3	1	7	5	3	1	8	1	6
4 IA4004	6	8	6	7	4	2	2	4	3	7
5 LD04-13265	7	6	2	1	1	1	3	1	5	1
6 LD05-30588Ga	5	2	3	4	8	8	8	6	8	4
7 LD05-30588Ta	8	1	5	4	7	4	4	5	7	2
8 LD06-3024	4	4	9	2	3	5	9	9	5	5
9 SS04-143	9	9	7	3	9	7	7	2	9	9

## 2010 SCN UNIFORM TEST III

### Maturity

SCN HG Type	Maturity									
	Council					West				
	Bluffs IA	Muscatine IA	Arthur IL	Belleville IL	Dowell IL	Urbana IL	Lafayette IN	Ashland B KS	Clarkton MO	Novelty MO
	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I	I
Strain										
1 IA3023		9/21	9/16	9/23	9/18	9/16	9/19	10/3	9/2	
2 IA3024		-3	-1	-6	-3	-2	-2	-8	0	
3 IA3048		6	4	1	0	2	3	-1	2	
4 IA4004		1	2	2	0	5	5	6	4	
5 LD04-13265		0	4	1	4	8	5	0	5	
6 LD05-30588Ga		-1	3	2	-1	5	7	1	3	
7 LD05-30588Ta		0	4	3	1	7	8	3	4	
8 LD06-3024		-2	2	1	1	5	6	0	-2	
9 SS04-143		5	7	6	5	13	10	4	3	
Planted	5/19	5/17	5/25	6/4	6/3	5/26	5/26	6/3	4/29	5/28

### Lodging (score)

SCN HG Type	Lodging (score)									
	Council					West				
	Bluffs IA	Muscatine IA	Arthur IL	Belleville IL	Dowell IL	Urbana IL	Lafayette IN	Ashland B KS	Clarkton MO	Novelty MO
	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I	I
Strain										
1 IA3023	2.0	1.8	1.5	2.0	1.0	1.0	1.0	2.0	1.0	
2 IA3024	2.0	1.5	1.0	2.0	1.0	1.0	1.0	2.0	1.0	
3 IA3048	2.8	2.0	2.0	2.0	1.0	1.0	1.2	2.0	1.0	
4 IA4004	2.8	1.8	1.5	3.3	1.7	1.8	1.5	2.0	1.0	
5 LD04-13265	2.0	1.5	1.5	2.7	1.0	1.0	1.0	2.0	1.0	
6 LD05-30588Ga	2.3	1.5	1.0	2.0	1.0	1.0	1.0	2.0	1.0	
7 LD05-30588Ta	2.5	1.5	1.5	3.0	1.0	1.0	1.0	2.0	1.0	
8 LD06-3024	2.0	1.3	1.0	2.3	1.0	1.0	1.0	2.0	1.0	
9 SS04-143	2.8	2.5	2.3	4.0	2.7	2.3	1.5	2.0	1.0	



## 2010 SCN UNIFORM TEST III

### Maturity

SCN HG Type	Maturity									
	Fairmont	Herman	Waterloo	Grand			Columbia	Portage-	Hoytville	Plain
	NE	NE	NE	Junction	Harrisburg	Ottawa	MO	ville	OH	City
1.3.6.7	7	7	TN	IL	KS	MO	NI	NI	NI	NI
Strain										
1 IA3023	9/29		9/27	9/8*	9/6		9/18	9/22	9/23	9/15
2 IA3024	-6		-4	-1	-1		-2	-4	-2	-1
3 IA3048	0		2	2	2		3	1	1	1
4 IA4004	0		3	6	5		2	1	0	-1
5 LD04-13265	1		4	6	4		7	0	1	2
6 LD05-30588Ga	1		0	-1	2		-1	-5	1	1
7 LD05-30588Ta	4		2	6	5		2	1	0	2
8 LD06-3024	0		1	6	4		0	-1	3	2
9 SS04-143	3		5	6	12		9	1	2	3
Planted	5/27	5/25	5/24	6/21	5/18	6/21	5/27	5/26	5/29	5/16

\*Data not included when calculating means for summary table.

### Lodging (score)

SCN HG Type	Lodging (score)									
	Fairmont	Herman	Waterloo	Grand			Columbia	Portage-	Hoytville	Plain
	NE	NE	NE	Junction	Harrisburg	Ottawa	MO	ville	OH	City
1.3.6.7	7	7	TN	IL	KS	MO	NI	NI	NI	NI
Strain										
1 IA3023	1.0		2.5	1.0	1.0	1.0	2.0	1.0	1.0	1.2
2 IA3024	1.0		2.5	1.0	1.3	1.0	1.0	1.0	1.0	1.2
3 IA3048	1.0		3.0	1.0	1.5	1.3	2.0	2.0	1.0	1.3
4 IA4004	1.0		3.0	3.0	2.7	1.5	2.0	2.0	1.0	1.5
5 LD04-13265	1.0		2.5	1.0	1.2	1.0	2.0	2.0	1.0	1.2
6 LD05-30588Ga	1.0		2.5	1.0	1.2	1.0	1.7	1.0	1.0	1.0
7 LD05-30588Ta	1.0		2.5	1.0	1.2	1.1	2.0	1.0	1.0	1.5
8 LD06-3024	1.0		3.0	2.0	1.0	1.1	1.7	1.0	1.0	1.2
9 SS04-143	1.0		3.0	3.0	2.7	1.1	2.0	3.0	1.0	1.5

## 2010 SCN UNIFORM TEST III

### Height (inches)

SCN HG Type	Council						West			
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Lafayette	Ashland B	Clarkton	Novelty
	IA	IA	IL	IL	IL	IL	IN	KS	MO	MO
	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I	I
Strain										
1 IA3023	43	35	35	40	32	32	39	40	17	
2 IA3024	44	34	34	40	31	33	38	38	19	
3 IA3048	43	37	35	46	34	34	40	40	16	
4 IA4004	48	36	37	45	33	39	42	47	19	
5 LD04-13265	45	37	36	39	33	34	38	41	22	
6 LD05-30588Ga	49	37	38	43	28	35	40	39	18	
7 LD05-30588Ta	48	39	39	47	32	36	42	40	17	
8 LD06-3024	45	37	37	41	30	33	41	43	17	
9 SS04-143	48	39	43	46	38	40	45	45	24	

### Seed Quality (score)

SCN HG Type	Council						West			
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Lafayette	Ashland B	Clarkton	Novelty
	IA	IA	IL	IL	IL	IL	IN	KS	MO	MO
	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I	I
Strain										
1 IA3023	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	
2 IA3024	2.0	4.0	1.0	2.0	1.0	1.0	1.5	2.0	3.0	
3 IA3048	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	
4 IA4004	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	3.0	
5 LD04-13265	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	
6 LD05-30588Ga	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	
7 LD05-30588Ta	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	
8 LD06-3024	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	
9 SS04-143	2.0	2.0	1.0	1.0	1.0	1.0	1.5	2.0	3.0	

## 2010 SCN UNIFORM TEST III

### Height (inches)

SCN HG Type	Fairmont	Herman	Waterloo	Grand			Columbia	Portage-	Hoytville	Plain
	NE	NE	NE	Junction	Harrisburg	Ottawa	MO	ville	OH	City
	1.3.6.7	7	7	TN	IL	KS	NI	MO	NI	OH
Strain										
1 IA3023	41			22	39	25		38	29	30
2 IA3024	41			24	40	25		28	29	30
3 IA3048	41			25	39	29		29	31	32
4 IA4004	43			24	45	27		44	33	32
5 LD04-13265	40			24	39	26		42	29	32
6 LD05-30588Ga	44			21	41	25		23	28	29
7 LD05-30588Ta	44			22	41	26		36	30	34
8 LD06-3024	43			21	41	26		58	28	30
9 SS04-143	49			27	42	31		36	41	40

### Seed Quality (score)

SCN HG Type	Fairmont	Herman	Waterloo	Grand			Columbia	Portage-	Hoytville	Plain
	NE	NE	NE	Junction	Harrisburg	Ottawa	MO	ville	OH	City
	1.3.6.7	7	7	TN	IL	KS	NI	NI	NI	OH
Strain										
1 IA3023			1.0	3.0	1.0	2.0		2.0	1.0	1.7
2 IA3024			1.0	3.0	2.0	2.0		2.0	1.0	1.3
3 IA3048			1.0	3.0	1.0	2.0		3.0	1.0	1.7
4 IA4004			3.0	3.0	2.0	3.0		3.0	1.0	2.3
5 LD04-13265			2.0	3.0	1.0	2.0		2.0	1.0	1.0
6 LD05-30588Ga			2.0	3.0	1.0	2.0		4.0	1.0	2.0
7 LD05-30588Ta			1.0	3.0	1.0	2.0		3.0	1.0	2.0
8 LD06-3024			2.0	3.0	1.0	3.0		3.0	1.0	1.7
9 SS04-143			1.0	3.0	1.0	2.0		3.0	2.0	2.0

## 2010 SCN UNIFORM TEST III

### Seed Weight (g/100)

SCN HG Type	Council						West			
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Lafayette	Ashland B	Clarkton	Novelty
	IA	IA	IL	IL	IL	IL	IN	KS	MO	MO
	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I	I
Strain										
1 IA3023	16.1	13.8	11.0	13.4	12.9	11.8	12.1	13.9	13.6	
2 IA3024	12.4	14.9	11.2	12.6	14.8	12.7	13.6	15.0	11.2	
3 IA3048	14.4	14.3	10.3	12.5	13.4	11.7	12.7	12.8	10.7	
4 IA4004	17.2	17.5	13.0	15.1	16.1	14.0	14.5	16.0	13.7	
5 LD04-13265	15.0	15.9	12.1	14.9	15.5	13.3	14.5	12.2	12.9	
6 LD05-30588Ga	13.8	13.1	10.7	13.1	13.5	11.8	12.0	13.7	9.5	
7 LD05-30588Ta	13.6	13.2	10.6	12.6	13.1	11.4	12.1	13.5	10.1	
8 LD06-3024	14.7	14.9	12.0	13.9	15.6	12.8	14.5	14.9	10.6	
9 SS04-143	15.3	15.3	11.6	14.3	13.9	13.2	14.2	16.1	11.7	

### Protein (%)

SCN HG Type	Council				West		
	Bluffs	Muscatine	Arthur	Urbana	Lafayette	Ashland B	Clarkton
	IA	IA	IL	IL	IN	KS	MO
	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I
Strain							
1 IA3023	34.9	33.7	30.5	31.2	33.1	36.1	34.0
2 IA3024	33.0	33.4	30.4	30.9	32.9	33.2	32.5
3 IA3048	33.8	35.7	31.0	32.5	33.2	34.5	33.8
4 IA4004	35.2	35.4	33.1	34.5	35.3	35.1	34.8
5 LD04-13265	35.5	35.8	33.4	32.9	34.0	35.0	34.1
6 LD05-30588Ga	34.4	33.9	31.7	34.9	33.6	34.9	34.4
7 LD05-30588Ta	35.1	34.1	31.4	32.8	33.7	34.6	34.1
8 LD06-3024	35.0	34.9	32.0	34.1	33.9	34.6	34.0
9 SS04-143	35.6	36.8	32.7	35.5	35.4	36.0	34.9

### Oil (%)

SCN HG Type	Council				West		
	Bluffs	Muscatine	Arthur	Urbana	Lafayette	Ashland B	Clarkton
	IA	IA	IL	IL	IN	KS	MO
	2.5.7	2.5.7	2.5.7	7	2.5.7	2.5.7	I
Strain							
1 IA3023	19.3	19.7	19.6	19.3	18.2	19.3	18.3
2 IA3024	19.4	18.2	19.7	19.1	18.2	19.7	18.9
3 IA3048	18.8	18.5	19.3	18.3	18.1	18.5	17.8
4 IA4004	18.4	18.0	18.3	17.6	18.4	18.3	17.6
5 LD04-13265	19.3	19.0	19.6	18.7	18.1	18.6	18.1
6 LD05-30588Ga	18.6	18.6	19.1	18.9	17.8	18.6	17.8
7 LD05-30588Ta	17.8	18.2	18.5	18.1	17.6	18.9	17.4
8 LD06-3024	18.4	19.1	19.0	18.6	18.0	18.6	17.8
9 SS04-143	18.0	16.9	17.7	16.1	16.3	17.7	17.2

## 2010 SCN UNIFORM TEST III

### Seed Weight (g/100)

SCN HG Type	Fairmont	Herman	Waterloo	Grand Junction	Harrisburg	Ottawa	Columbia	Portage-ville	Hoytville	Plain City
	NE	NE	NE	TN	IL	KS	MO	MO	OH	OH
	1.3.6.7	7	7	2	NI	NI	NI	NI	NI	NI
Strain										
1 IA3023	13.2		13.7	10.7	11.2	14.0		14.7	12.5	13.3
2 IA3024	14.5		14.7	11.1	11.7	14.1		14.2	13.3	14.1
3 IA3048	12.4		13.8	10.7	10.7	13.8		13.6	11.9	13.4
4 IA4004	14.1		16.4	11.6	13.1	16.2		15.0	12.9	14.2
5 LD04-13265	13.0		15.4	11.4	12.5	14.9		14.2	12.4	14.9
6 LD05-30588Ga	12.6		13.8	11.5	10.2	13.8		11.4	11.2	13.2
7 LD05-30588Ta	12.6		14.1	11.3	10.5	14.0		12.7	11.5	12.9
8 LD06-3024	13.4		14.9	11.8	12.6	16.4		14.1	13.0	13.6
9 SS04-143	13.0		15.7	11.3	10.7	15.1		12.8	11.3	13.1

### Protein (%)

SCN HG Type	Waterloo	Harrisburg	Hoytville	Plain City
	NE	IL	OH	OH
	7	NI	NI	NI
Strain				
1 IA3023	33.7	30.8	33.5	29.8
2 IA3024	32.1	29.8	31.7	28.3
3 IA3048	33.9	31.2	33.1	30.3
4 IA4004	34.4	32.8	35.1	32.0
5 LD04-13265	34.2	31.6	33.4	31.8
6 LD05-30588Ga	34.6	31.8	32.8	31.9
7 LD05-30588Ta	33.9	31.7	32.8	31.8
8 LD06-3024	35.2	33.4	34.3	32.1
9 SS04-143	35.3	34.4	34.4	32.1

### Oil (%)

SCN HG Type	Waterloo	Harrisburg	Hoytville	Plain City
	NE	IL	OH	OH
	7	NI	NI	NI
Strain				
1 IA3023	18.4	20.0	19.1	19.8
2 IA3024	18.7	20.4	18.8	20.7
3 IA3048	18.1	19.5	18.2	19.4
4 IA4004	17.6	19.2	18.3	18.8
5 LD04-13265	18.3	19.8	18.9	19.4
6 LD05-30588Ga	17.8	18.8	18.4	18.6
7 LD05-30588Ta	18.1	19.4	17.7	18.0
8 LD06-3024	18.2	19.2	18.2	18.4
9 SS04-143	17.6	16.9	17.2	18.2

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### 2010 SCN PRELIM TEST III

Strain	Descriptive		Gen. Com n	Traits	
	code	Parentage			
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	IA4004	PLty	Dairyland 99433 x A01-409003	F4	
5	AR08-285081	PGbf	Syngenta WW228348 x AR03-361067	F4	
6	AR09-391010	WT+Gbl+bf	LS98-0582 x Agripro 97284-N00-47977	F5	
7	AR09-391012	WTbl	LS98-0582 x Agripro XC2284N	F5	
8	AR09-391014	PGbf	LD02-5868 x AR03-161009	F4	
9	AR09-391015	PGbf	AR03-263051 x Golden Harvest H-2632	F4	
10	AR09-391016	PGibl	AR03-263037 x Garst-Agripro XC2284N	F5	
11	AR09-391017	PT+Gbf+br	Syngenta SJ833009 x AR03-161013	F5	
12	AR09-391020	WTbr	LD02-6538 x AR03-163008	F4	
13	AR09-391021	PLtbl+br	Soygenetics F35102C x AR03-263051	F4	
14	AR09-391031	WGbf	Soygenetics F35102C x AR05-250117	F4	
15	AR09-391032	P+WLTbl	Garst-Agripro XC2284N x LS99-2235	F5	
16	AR09-391033	P+WTbl+br	LD02-6553 x AR05-250118	F4	
17	LD07-2396	P+WGbr	SJ132586 x LD01-9035	F5	
18	LD07-3395	WLt+Gbl+bf	WW115926 x LD00-2817	F5	
19	LD07-3419	WGbf	WW115926 x LD00-2817	F5	
20	LD07-3445	WTbl	WW115926 x LD00-2817	F5	
21	LD07-4477	PLtbl	IA3023 x LD00-3309	F5	
22	LD07-4530	WLTbl	IA3023 x LD00-3309	F5	
23	LD07-5436	PLtbl	SJ132586 x LDX01-2-69	F5	soja SCN
24	LS07-0662	WTbr	IA2068 x LD00-3309	F5	
25	LS07-1852	P+WGbf+ibl	SS98-7851 x LD01-5907	F5	
26	LS07-2014	PGbf	SS98-7851 x Maverick	F5	
27	LS07-2955	P+WTbl	SS98-7851 x LD00-3309	F5	
28	LS07-3246	P+WGibl	SS98-7851 x HC99-2763	F5	
29	SS05-4573	PTbl	IA3018 x SS97-6946	F5	low lin
30	SS05-5096	PGy	SS95-15348 x IA2040	F5	
31	SS05-5143	WGy	SS95-15348 x IA2025	F5	
32	SS06-5510	WTbl	CR03-540 x IA3017	F5	low lin
33	SS06-5658	WTbl	SS95-15348 x IA3017	F5	low lin

### 2010 SCN PRELIM TEST III

Strain	IL SCN screen				ISU IDC
	HG Type 0		HG Type 2.5.7		Res=1.3 Sus=3.2
	FI	rating	FI	rating	score
1 IA3023	62	NR	75	NR	3.4
2 IA3024	78	NR	86	NR	3.4
3 IA3048	2	HR	73	NR	3.4
4 IA4004	90	NR	90	NR	3.6
5 AR08-285081	10	R	47	LR	4.5
6 AR09-391010	0	HR	15	R	2.9
7 AR09-391012	2	HR	65	NR	3.3
8 AR09-391014	5	HR	89	NR	3.4
9 AR09-391015	3	HR	66	NR	3.0
10 AR09-391016	15	R	59	LR	2.7
11 AR09-391017	2	HR	72	NR	3.2
12 AR09-391020	5	HR	103	NR	3.1
13 AR09-391021	15	R	98	NR	2.8
14 AR09-391031	2	HR	52	LR	3.1
15 AR09-391032	11	R	74	NR	3.0
16 AR09-391033	3	HR	61	NR	3.5
17 LD07-2396	70	NR	59	LR	3.1
18 LD07-3395	2	HR	21	R	3.7
19 LD07-3419	0	HR	15	R	3.8
20 LD07-3445	29	**	51	LR	3.4
21 LD07-4477	6	HR	67	NR	4.3
22 LD07-4530	17	R	19	R	3.5
23 LD07-5436	94	NR	90	NR	3.8
24 LS07-0662	4	HR	68	NR	3.2
25 LS07-1852	77	NR	48	LR	4.0
26 LS07-2014	4	HR	81	NR	4.0
27 LS07-2955	2	HR	83	NR	3.5
28 LS07-3246	13	R	68	NR	3.1
29 SS05-4573	15	R	91	NR	3.5
30 SS05-5096	12	R	86	NR	3.3
31 SS05-5143	9	HR	77	NR	2.6
32 SS06-5510	2	HR	93	NR	3.4
33 SS06-5658	10	R	104	NR	3.4

\*\*too variable to rate



## 2010 SCN PRELIM TEST III

### Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
		11		3		10	12	10	10	11	7	7
1 IA3023		60.7	12	50.6	6	9/21	1.5	36	1.2	13.1	32.3	19.2
2 IA3024		61.3	7	43.9	20	-3	1.4	36	1.8	13.6	32.0	19.2
3 IA3048		61.0	9	51.8	3	2	1.8	38	1.5	12.6	33.4	18.6
4 IA4004		58.5	19	49.2	11	2	2.0	40	2.0	14.9	34.5	18.2
5 AR08-285081		60.1	14	47.1	14	1	2.4	41	1.5	10.9	34.2	17.3
6 AR09-391010		55.5	28	34.6	30	-3	1.8	42	1.7	14.7	34.4	19.0
7 AR09-391012		57.5	21	40.2	26	-5	1.8	37	1.5	13.6	33.8	18.2
8 AR09-391014		59.8	15	42.5	25	1	1.9	41	1.9	13.8	33.5	18.6
9 AR09-391015		59.8	15	43.1	24	3	2.1	41	1.4	13.8	34.1	18.4
10 AR09-391016		56.1	26	40.1	27	2	1.7	42	1.8	15.6	34.7	18.2
11 AR09-391017		64.8	2	48.0	13	-1	2.5	40	1.6	12.1	34.3	18.2
12 AR09-391020		52.8	31	34.9	29	-4	1.6	45	1.8	13.5	31.8	18.8
13 AR09-391021		54.4	30	29.4	32	-8	1.7	39	1.7	12.8	34.5	18.6
14 AR09-391031		56.6	24	36.0	28	-3	1.7	41	2.7	13.3	32.4	19.0
15 AR09-391032		59.5	17	48.6	12	-1	1.4	39	1.5	13.2	33.7	18.0
16 AR09-391033		56.9	23	43.6	21	0	2.1	40	1.8	14.1	33.2	19.1
17 LD07-2396		60.9	10	43.4	23	-1	1.8	39	1.8	13.5	32.2	19.1
18 LD07-3395		61.5	5	50.5	7	4	1.7	35	1.6	13.5	32.3	19.1
19 LD07-3419		64.4	3	49.4	9	5	1.7	37	1.5	13.2	31.1	19.9
20 LD07-3445		58.3	20	44.1	19	-1	1.9	41	1.4	12.9	33.0	18.3
21 LD07-4477		66.0	1	49.4	9	0	1.5	39	1.3	14.1	33.4	18.7
22 LD07-4530		64.0	4	46.1	17	3	1.7	40	1.7	13.6	33.2	18.4
23 LD07-5436		56.3	25	46.4	16	2	1.8	41	1.6	14.6	35.0	17.5
24 LS07-0662		60.7	12	47.1	14	4	2.0	38	1.4	11.9	32.9	18.2
25 LS07-1852		55.4	29	43.6	21	4	2.1	43	1.5	13.5	34.0	18.6
26 LS07-2014		61.5	5	53.4	1	5	2.3	44	1.5	14.7	32.8	19.1
27 LS07-2955		60.8	11	45.0	18	4	1.8	42	1.5	14.1	34.0	18.5
28 LS07-3246		59.4	18	50.9	5	2	1.7	41	1.3	13.7	34.0	18.6
29 SS05-4573		51.2	32	31.6	31	0	1.6	37	1.7	12.0	33.2	17.4
30 SS05-5096		61.2	8	52.8	2	2	1.8	40	3.2	19.1	33.4	19.4
31 SS05-5143		45.1	33	24.5	33	2	1.4	38	2.3	18.0	35.2	18.5
32 SS06-5510		56.0	27	51.3	4	8	1.7	39	1.6	13.8	33.6	18.3
33 SS06-5658		57.2	22	50.3	8	11	1.6	39	1.6	14.1	33.3	18.1

**2010 SCN PRELIM TEST III**  
**Yield (bu/a)**

		Council						
		Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B
		IA	IA	IL	IL	IL	IL	KS
SCN HG Type		2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7
Strain								
1	IA3023	79.4	55.5	58.9	66.2	50.4	54.4	56.2
2	IA3024	72.2	56.6	63.6	55.8	56.4	61.2	61.4
3	IA3048	68.8	63.2	61.5	67.8	59.3	59.2	55.6
4	IA4004	72.6	51.8	57.2	61.9	49.6	63.8	58.8
5	AR08-285081	74.9	61.2	60.9	63.8	49.7	55.5	55.1
6	AR09-391010	67.2	69.1	51.2	52.5	48.0	60.1	42.7
7	AR09-391012	67.3	66.7	53.3	62.4	47.7	60.3	52.2
8	AR09-391014	67.3	65.8	57.5	62.3	52.8	57.2	44.6
9	AR09-391015	71.0	71.0	53.2	61.3	52.3	59.6	54.2
10	AR09-391016	63.8	60.2	50.3	59.0	47.2	57.4	50.3
11	AR09-391017	74.9	65.5	61.9	67.4	57.4	73.2	59.3
12	AR09-391020	62.1	59.9	51.9	59.9	47.0	59.7	44.2
13	AR09-391021	70.6	60.0	49.4	56.4	46.8	54.4	41.5
14	AR09-391031	68.8	65.5	52.9	64.5	48.1	58.1	45.2
15	AR09-391032	63.5	64.8	59.8	65.2	54.8	58.8	52.8
16	AR09-391033	72.8	65.6	59.9	58.6	46.6	53.6	38.4
17	LD07-2396	68.1	57.8	52.4	66.1	52.8	61.4	54.6
18	LD07-3395	70.4	72.5	55.7	61.7	60.2	67.5	49.1
19	LD07-3419	68.9	74.3	56.0	63.2	65.0	64.7	54.7
20	LD07-3445	66.1	71.1	59.9	54.9	54.3	52.1	53.5
21	LD07-4477	81.5	68.2	72.2	64.5	63.1	61.1	56.3
22	LD07-4530	76.7	67.9	64.2	66.6	56.8	57.2	56.2
23	LD07-5436	67.3	59.9	56.8	56.8	50.0	56.9	49.7
24	LS07-0662	70.7	59.1	62.1	61.1	58.9	58.3	54.5
25	LS07-1852	64.1	62.1	53.3	60.6	50.9	58.4	47.8
26	LS07-2014	62.4	63.0	61.8	61.6	59.0	62.2	51.2
27	LS07-2955	67.1	67.1	62.9	65.9	59.7	60.2	52.5
28	LS07-3246	64.6	63.4	51.1	60.5	57.1	53.0	53.4
29	SS05-4573	53.6	51.6	50.6	52.5	52.6	57.4	37.2
30	SS05-5096	67.7	64.8	64.4	56.4	54.2	62.4	57.3
31	SS05-5143	47.0	48.6	51.7	52.7	41.3	55.8	31.3
32	SS06-5510	62.1	53.1	56.9	54.6	55.3	65.7	51.8
33	SS06-5658	58.4	51.9	60.7	62.6	57.1	63.2	54.2
Average		67.7	62.4	57.5	60.8	53.4	59.5	50.8
LSD(.05)		6.6	7.5	8.3	7.0	6.1	12.5	5.3
C.V. %		4.8	5.9	7.1	5.6	5.6	10.3	6.1
Replications		2	2	2	2	2	2	2
Row width (in.)		30	30	30	30	30	30	30

**2010 SCN PRELIM TEST III**  
**Yield (bu/a)**

	Novelty MO	Fairmont NE	Herman NE	Waterloo NE	Harrisburg IL	Ottawa KS	Columbia MO
SCN HG Type	I	1.3.6.7	7	7	NI	NI	NI
Strain							
1 IA3023	54.9	74.8	46.1	71.4	60.0	36.6	55.2
2 IA3024	55.1	82.3	53.6	55.9	61.5	24.6	45.6
3 IA3048	43.4	72.4	47.8	72.5	66.3	39.5	49.6
4 IA4004	57.1	64.0	48.1	58.2	59.5	39.5	48.5
5 AR08-285081	43.8	74.2	57.0	65.2	58.6	37.2	45.4
6 AR09-391010	41.9	59.7	56.7	61.1	43.6	21.5	38.7
7 AR09-391012	43.6	56.1	60.0	62.7	57.6	21.5	41.6
8 AR09-391014	54.8	71.5	55.4	68.3	57.1	23.0	47.4
9 AR09-391015	47.8	62.0	53.3	72.6	54.7	31.2	43.3
10 AR09-391016	49.8	64.3	51.8	62.5	44.0	34.2	42.2
11 AR09-391017	47.3	68.9	62.8	74.2	64.4	31.5	48.1
12 AR09-391020	27.6	55.7	51.6	60.9	49.4	15.9	39.5
13 AR09-391021	29.7	66.8	52.4	70.6	39.2	16.8	32.3
14 AR09-391031	25.6	56.5	59.7	77.6	51.8	15.3	40.9
15 AR09-391032	54.0	62.4	49.8	68.7	60.0	36.8	49.1
16 AR09-391033	45.5	58.4	54.8	71.4	54.7	32.0	44.1
17 LD07-2396	52.9	84.7	56.3	62.6	40.7	35.8	53.7
18 LD07-3395	39.0	69.4	49.1	82.2	61.5	40.9	49.1
19 LD07-3419	54.5	82.5	51.8	73.2	60.5	41.6	46.0
20 LD07-3445	47.4	63.1	53.2	65.7	55.2	29.9	47.3
21 LD07-4477	58.7	64.4	56.9	78.8	65.8	38.0	44.4
22 LD07-4530	59.3	62.1	60.1	76.7	60.0	30.9	47.4
23 LD07-5436	51.7	58.9	50.5	61.2	57.6	37.0	44.7
24 LS07-0662	52.4	71.9	56.9	61.9	53.7	39.2	48.3
25 LS07-1852	42.2	67.6	47.4	54.6	57.6	30.0	43.3
26 LS07-2014	58.4	71.3	57.4	68.4	62.9	45.6	51.7
27 LS07-2955	52.6	55.0	55.9	70.3	60.5	32.1	42.4
28 LS07-3246	54.8	65.4	54.1	75.6	65.8	40.7	46.1
29 SS05-4573	47.1	53.1	47.9	59.3	40.7	13.2	41.0
30 SS05-5096	55.4	65.1	57.6	67.5	64.4	40.6	53.3
31 SS05-5143	44.8	21.8	34.2	66.6	22.8	13.2	37.4
32 SS06-5510	48.3	52.6	49.5	66.3	61.0	42.4	50.5
33 SS06-5658	54.3	48.4	49.1	69.2	56.1	44.3	50.4
Average	48.3	63.9	53.0	67.7	55.4	31.9	45.7
LSD(.05)	7.1	15.8	9.7	15.8	11.4	4.0	6.1
C.V. %	8.6	9.3	7.5	9.3	10.1	7.3	7.9
Replications	2	2	2	2	2	2	2
Row width (in.)	30	30	30	30	30	30	30

## 2010 SCN PRELIM TEST III

### Yield (rank)

		Council						
		Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B
		IA	IA	IL	IL	IL	IL	KS
SCN HG Type	Strain	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7
1	IA3023	2	28	15	4	22	29	6
2	IA3024	8	27	4	28	12	10	1
3	IA3048	14	17	9	1	5	17	8
4	IA4004	7	31	17	15	25	5	3
5	AR08-285081	5	20	10	10	24	28	9
6	AR09-391010	21	5	29	32	27	14	29
7	AR09-391012	20	9	22	13	28	12	19
8	AR09-391014	19	10	16	14	18	24	27
9	AR09-391015	9	4	24	18	20	16	13
10	AR09-391016	26	21	32	23	29	22	22
11	AR09-391017	4	13	7	2	8	1	2
12	AR09-391020	30	24	27	22	30	15	28
13	AR09-391021	11	22	33	26	31	29	30
14	AR09-391031	15	12	25	8	26	21	26
15	AR09-391032	27	14	14	7	14	18	17
16	AR09-391033	6	11	12	24	32	31	31
17	LD07-2396	16	26	26	5	17	9	11
18	LD07-3395	12	2	21	16	3	2	24
19	LD07-3419	13	1	20	11	1	4	10
20	LD07-3445	23	3	12	29	15	33	15
21	LD07-4477	1	6	1	8	2	11	5
22	LD07-4530	3	7	3	3	11	24	6
23	LD07-5436	18	23	19	25	23	26	23
24	LS07-0662	10	25	6	19	7	20	12
25	LS07-1852	25	19	22	20	21	19	25
26	LS07-2014	28	18	8	17	6	8	21
27	LS07-2955	22	8	5	6	4	13	18
28	LS07-3246	24	16	30	21	9	32	16
29	SS05-4573	32	32	31	33	19	23	32
30	SS05-5096	17	15	2	27	16	7	4
31	SS05-5143	33	33	28	31	33	27	33
32	SS06-5510	29	29	18	30	13	3	20
33	SS06-5658	31	30	11	12	10	6	13

## 2010 SCN PRELIM TEST III

### Yield (rank)

		Novelty	Fairmont	Herman	Waterloo	Harrisburg	Ottawa	Columbia
		MO	NE	NE	NE	IL	KS	MO
SCN HG Type		I	1.3.6.7	7	7	NI	NI	NI
Strain								
1	IA3023	7	4	32	10	12	15	1
2	IA3024	6	3	16	32	7	25	18
3	IA3048	27	6	30	9	1	8	7
4	IA4004	4	18	28	31	15	8	10
5	AR08-285081	25	5	7	22	16	12	19
6	AR09-391010	29	23	10	28	29	27	31
7	AR09-391012	26	27	3	23	17	27	27
8	AR09-391014	8	8	13	17	20	26	13
9	AR09-391015	19	22	17	8	24	21	23
10	AR09-391016	17	17	20	25	28	17	26
11	AR09-391017	21	11	1	6	5	20	12
12	AR09-391020	32	28	22	29	27	30	30
13	AR09-391021	31	13	19	12	32	29	33
14	AR09-391031	33	26	4	3	26	31	29
15	AR09-391032	12	20	24	15	12	14	8
16	AR09-391033	23	25	14	10	23	19	22
17	LD07-2396	13	1	11	24	30	16	2
18	LD07-3395	30	10	26	1	8	5	8
19	LD07-3419	10	2	20	7	10	4	17
20	LD07-3445	20	19	18	21	22	24	15
21	LD07-4477	2	16	8	2	2	11	21
22	LD07-4530	1	21	2	4	12	22	13
23	LD07-5436	16	24	23	27	18	13	20
24	LS07-0662	15	7	8	26	25	10	11
25	LS07-1852	28	12	31	33	18	23	23
26	LS07-2014	3	9	6	16	6	1	4
27	LS07-2955	14	29	12	13	10	18	25
28	LS07-3246	8	14	15	5	2	6	16
29	SS05-4573	22	30	29	30	30	32	28
30	SS05-5096	5	15	5	18	4	7	3
31	SS05-5143	24	33	33	19	33	32	32
32	SS06-5510	18	31	25	20	9	3	5
33	SS06-5658	11	32	26	14	21	2	6

## 2010 SCN PRELIM TEST III

### Maturity

		Maturity						
		Council						
		Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B
		IA	IA	IL	IL	IL	IL	KS
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7
Strain								
1	IA3023		9/23	9/16	9/23	9/17	9/16	9/28
2	IA3024		-3	-1	-7	-2	-2	-4
3	IA3048		1	4	2	0	2	5
4	IA4004		1	2	3	2	5	9
5	AR08-285081		2	3	-1	1	6	4
6	AR09-391010		-5	-3	-3	-3	-1	-4
7	AR09-391012		-7	-4	-6	-3	-1	-8
8	AR09-391014		1	5	0	0	5	0
9	AR09-391015		3	3	2	3	8	6
10	AR09-391016		1	3	3	2	4	7
11	AR09-391017		-1	0	-3	-2	4	-4
12	AR09-391020		-8	0	-5	-3	-2	-5
13	AR09-391021		-16	-8	-13	-4	-6	-7
14	AR09-391031		-4	-3	-2	-4	1	-5
15	AR09-391032		-3	2	-1	-2	3	-3
16	AR09-391033		-2	3	-3	-2	5	-3
17	LD07-2396		1	1	0	1	4	-4
18	LD07-3395		1	6	6	4	11	6
19	LD07-3419		2	7	6	6	10	9
20	LD07-3445		-6	1	-1	-1	3	-1
21	LD07-4477		-1	3	0	1	4	1
22	LD07-4530		2	4	4	2	6	6
23	LD07-5436		3	3	3	-2	4	9
24	LS07-0662		1	4	5	3	8	5
25	LS07-1852		2	6	5	5	9	8
26	LS07-2014		3	5	4	6	9	6
27	LS07-2955		1	6	4	4	12	8
28	LS07-3246		2	4	1	2	7	2
29	SS05-4573		-4	3	3	2	7	-4
30	SS05-5096		1	4	1	2	6	6
31	SS05-5143		-1	1	2	2	5	8
32	SS06-5510		2	8	8	6	14	7
33	SS06-5658		3	12	11	10	17	12
Planted		5/19	5/17	5/25	6/4	6/30	5/26	6/3

## 2010 SCN PRELIM TEST III

### Maturity

SCN HG Type		Novelty MO I	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Harrisburg IL NI	Ottawa KS NI	Columbia MO NI
Strain								
1	IA3023		10/1		9/26	9/7		9/19
2	IA3024		-7		-4	-2		-3
3	IA3048		-3		1	3		2
4	IA4004		-2		1	1		-2
5	AR08-285081		-4		0	2		2
6	AR09-391010		-7		-2	-3		-3
7	AR09-391012		-6		-4	-3		-3
8	AR09-391014		-4		2	2		3
9	AR09-391015		0		3	1		4
10	AR09-391016		-2		2	-1		-1
11	AR09-391017		-1		0	-2		1
12	AR09-391020		-7		-3	-3		-2
13	AR09-391021		-9		-5	-6		-3
14	AR09-391031		-3		-2	-4		-3
15	AR09-391032		-4		1	1		-2
16	AR09-391033		-7		1	1		2
17	LD07-2396		-5		-2	-2		-3
18	LD07-3395		-2		2	3		7
19	LD07-3419		0		5	3		7
20	LD07-3445		-5		0	0		0
21	LD07-4477		-4		3	-1		-2
22	LD07-4530		0		3	0		0
23	LD07-5436		-2		3	1		3
24	LS07-0662		-1		4	2		7
25	LS07-1852		0		4	2		4
26	LS07-2014		0		5	7		5
27	LS07-2955		1		4	3		2
28	LS07-3246		-2		1	2		-1
29	SS05-4573		-4		0	-2		1
30	SS05-5096		-3		2	1		1
31	SS05-5143		1		1	1		3
32	SS06-5510		5		7	14		12
33	SS06-5658		7		9	14		15
Planted		5/28	5/27	5/25	5/24	5/18	6/21	5/27

## 2010 SCN PRELIM TEST III

### Lodging (score)

		Council						
		Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B
		IA	IA	IL	IL	IL	IL	KS
SCN HG Type		2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7
Strain								
1	IA3023	2.5	1.5	1.5	1.0	1.0	1.0	2.1
2	IA3024	2.3	1.5	1.0	2.0	1.5	1.0	1.6
3	IA3048	2.8	1.8	2.0	2.0	2.0	1.0	2.0
4	IA4004	2.8	1.5	1.5	3.5	2.5	1.8	1.9
5	AR08-285081	3.0	2.0	2.5	3.5	2.0	2.3	2.0
6	AR09-391010	2.8	2.0	1.3	2.0	1.5	1.3	2.4
7	AR09-391012	2.3	1.8	1.3	3.0	2.5	1.3	2.1
8	AR09-391014	2.5	2.0	2.0	2.0	1.5	1.3	2.4
9	AR09-391015	3.0	2.0	1.8	3.0	1.5	1.8	2.1
10	AR09-391016	2.0	1.5	1.8	2.5	2.0	1.5	2.3
11	AR09-391017	3.0	2.0	2.0	4.0	2.0	2.0	2.8
12	AR09-391020	2.0	2.0	1.3	2.5	1.5	1.8	1.8
13	AR09-391021	2.5	1.8	1.0	2.0	1.5	1.3	2.1
14	AR09-391031	2.0	1.5	1.3	3.0	1.5	1.0	2.4
15	AR09-391032	1.8	1.0	1.0	3.0	1.0	1.0	1.5
16	AR09-391033	2.8	2.0	1.5	4.0	2.5	1.3	2.2
17	LD07-2396	2.8	1.8	1.3	3.0	1.5	1.5	2.1
18	LD07-3395	1.8	1.5	1.0	4.0	1.0	1.0	2.1
19	LD07-3419	2.0	1.5	1.0	4.0	1.5	1.0	1.9
20	LD07-3445	2.0	1.8	1.5	2.5	2.0	1.0	1.9
21	LD07-4477	2.3	1.5	1.8	2.5	1.0	1.0	1.8
22	LD07-4530	2.0	1.5	1.8	3.5	1.0	1.0	2.1
23	LD07-5436	2.3	1.5	1.5	3.0	2.0	1.3	2.1
24	LS07-0662	2.5	1.8	2.0	4.0	1.5	1.0	2.5
25	LS07-1852	2.5	1.8	1.8	3.5	2.0	1.8	2.2
26	LS07-2014	2.5	2.0	2.3	3.5	2.0	1.8	3.1
27	LS07-2955	2.3	1.8	1.8	3.5	2.0	1.0	1.7
28	LS07-3246	2.8	2.0	1.5	2.0	1.0	1.3	2.0
29	SS05-4573	2.3	1.5	1.5	2.5	1.5	1.5	2.1
30	SS05-5096	2.5	1.5	1.5	3.0	2.5	1.0	2.1
31	SS05-5143	2.0	1.3	1.0	2.0	1.0	1.0	1.9
32	SS06-5510	2.0	1.5	1.3	3.5	1.0	1.0	2.0
33	SS06-5658	1.8	1.0	1.5	3.0	1.0	1.0	2.2



## 2010 SCN PRELIM TEST III

### Lodging (score)

SCN HG Type		Novelty MO I	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Harrisburg IL NI	Ottawa KS NI	Columbia MO NI
Strain								
1	IA3023		1.0		2.0	1.0	1.0	2.0
2	IA3024		1.0		1.5	1.0	1.0	1.5
3	IA3048		1.0		2.5	1.8	1.0	2.0
4	IA4004		1.0		2.0	2.0	1.0	3.0
5	AR08-285081		2.0		2.5	2.5	1.0	3.0
6	AR09-391010		1.0		1.5	1.8	1.5	2.5
7	AR09-391012		1.0		1.5	2.0	1.0	2.0
8	AR09-391014		1.0		3.0	1.0	1.0	2.5
9	AR09-391015		1.0		3.0	2.5	1.0	2.0
10	AR09-391016		1.0		2.0	1.5	1.2	1.5
11	AR09-391017		2.0		3.0	2.0	1.7	3.0
12	AR09-391020		1.0		1.5	1.0	1.0	2.0
13	AR09-391021		1.0		2.0	1.0	1.0	3.0
14	AR09-391031		1.0		2.5	1.0	1.1	2.0
15	AR09-391032		1.0		2.0	1.0	1.0	1.5
16	AR09-391033		1.0		2.0	2.0	1.0	2.5
17	LD07-2396		1.0		2.0	1.5	1.0	2.0
18	LD07-3395		1.0		2.5	1.0	1.2	2.5
19	LD07-3419		1.0		2.5	1.3	1.2	2.0
20	LD07-3445		1.0		3.0	2.0	1.1	2.5
21	LD07-4477		1.0		2.0	1.0	1.0	1.5
22	LD07-4530		1.0		2.5	1.0	1.0	2.0
23	LD07-5436		1.0		2.5	1.8	1.0	2.0
24	LS07-0662		1.0		3.5	1.5	1.0	2.0
25	LS07-1852		1.0		3.0	2.0	1.5	2.0
26	LS07-2014		1.0		3.0	2.5	1.0	2.5
27	LS07-2955		1.0		2.5	1.3	1.0	2.0
28	LS07-3246		1.0		2.0	1.0	1.0	3.1
29	SS05-4573		1.0		2.0	1.0	1.0	1.5
30	SS05-5096		1.0		2.0	1.8	1.4	1.5
31	SS05-5143		1.0		2.5	1.0	1.0	1.5
32	SS06-5510		1.0		3.0	1.0	1.0	2.0
33	SS06-5658		1.0		2.5	1.0	1.2	2.0

## 2010 SCN PRELIM TEST III

### Height (inches)

		Council						
		Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B
		IA	IA	IL	IL	IL	IL	KS
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7
Strain								
1	IA3023	45	35	35	40	31	32	42
2	IA3024	43	36	34	40	34	33	37
3	IA3048	47	37	35	43	38	34	40
4	IA4004	49	39	37	48	35	39	41
5	AR08-285081	50	38	38	45	35	40	45
6	AR09-391010	48	45	42	50	34	38	41
7	AR09-391012	44	37	33	42	37	33	40
8	AR09-391014	46	40	41	47	36	39	37
9	AR09-391015	48	40	40	52	37	41	38
10	AR09-391016	53	38	41	43	40	41	41
11	AR09-391017	43	39	35	48	37	38	42
12	AR09-391020	56	44	43	50	41	44	44
13	AR09-391021	43	38	36	44	41	39	38
14	AR09-391031	48	39	38	49	36	37	46
15	AR09-391032	48	41	37	42	38	37	39
16	AR09-391033	47	39	40	46	38	37	41
17	LD07-2396	48	39	36	46	34	36	36
18	LD07-3395	44	35	31	40	31	32	37
19	LD07-3419	46	36	35	43	34	33	36
20	LD07-3445	48	39	42	46	37	37	43
21	LD07-4477	49	39	38	43	36	34	42
22	LD07-4530	51	40	37	46	38	38	39
23	LD07-5436	50	40	41	45	37	39	40
24	LS07-0662	49	39	36	42	31	36	40
25	LS07-1852	52	44	42	52	37	44	42
26	LS07-2014	50	44	42	49	42	42	46
27	LS07-2955	48	42	43	47	39	39	43
28	LS07-3246	48	41	37	50	39	37	44
29	SS05-4573	44	36	37	46	33	35	36
30	SS05-5096	47	40	38	46	41	36	40
31	SS05-5143	48	39	37	39	33	36	37
32	SS06-5510	51	40	37	43	34	35	40
33	SS06-5658	47	40	38	42	35	37	40

## 2010 SCN PRELIM TEST III

### Height (inches)

SCN HG Type		Novelty MO I	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Harrisburg IL NI	Ottawa KS NI	Columbia MO NI
Strain								
1	IA3023		40			39	27	
2	IA3024		39			42	27	
3	IA3048		34			43	29	
4	IA4004		43			46	28	
5	AR08-285081		44			47	33	
6	AR09-391010		43			47	30	
7	AR09-391012		40			39	28	
8	AR09-391014		45			47	31	
9	AR09-391015		41			49	28	
10	AR09-391016		40			47	32	
11	AR09-391017		44			44	29	
12	AR09-391020		48			47	32	
13	AR09-391021		45			41	28	
14	AR09-391031		41			46	27	
15	AR09-391032		44			42	28	
16	AR09-391033		41			45	28	
17	LD07-2396		43			45	26	
18	LD07-3395		36			39	25	
19	LD07-3419		38			41	25	
20	LD07-3445		44			46	30	
21	LD07-4477		41			44	26	
22	LD07-4530		43			45	27	
23	LD07-5436		45			48	27	
24	LS07-0662		43			41	28	
25	LS07-1852		42			49	30	
26	LS07-2014		47			52	31	
27	LS07-2955		42			45	28	
28	LS07-3246		39			44	30	
29	SS05-4573		36			42	27	
30	SS05-5096		41			44	30	
31	SS05-5143		41			38	29	
32	SS06-5510		37			44	27	
33	SS06-5658		40			45	28	

## 2010 SCN PRELIM TEST III

### Seed Quality (score)

		Council						
		Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B
		IA	IA	IL	IL	IL	IL	KS
SCN HG Type	Strain	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7
1	IA3023	2.0	1.0	1.0	1.0	1.0	1.0	
2	IA3024	2.0	2.0	1.0	2.0	3.0	1.0	
3	IA3048	1.0	2.0	1.0	1.0	1.0	1.0	
4	IA4004	2.0	2.0	2.0	2.0	3.0	2.0	
5	AR08-285081	2.0	2.0	1.0	1.0	1.0	1.0	
6	AR09-391010	2.0	2.0	1.0	1.0	3.0	1.0	
7	AR09-391012	2.0	2.0	1.0	1.0	1.0	1.0	
8	AR09-391014	1.0	4.0	1.0	1.0	3.0	1.0	
9	AR09-391015	1.0	2.0	1.0	1.0	2.0	1.0	
10	AR09-391016	2.0	2.0	1.0	1.0	3.0	1.0	
11	AR09-391017	2.0	2.0	1.0	1.0	2.0	1.0	
12	AR09-391020	2.0	2.0	1.0	2.0	3.0	1.0	
13	AR09-391021	2.0	2.0	1.0	2.0	3.0	1.0	
14	AR09-391031	3.0	4.0	2.0	2.0	4.0	2.0	
15	AR09-391032	2.0	2.0	1.0	1.0	2.0	1.0	
16	AR09-391033	2.0	2.0	1.0	2.0	2.0	1.0	
17	LD07-2396	2.0	2.0	1.0	2.0	2.0	1.0	
18	LD07-3395	2.0	2.0	1.0	1.0	2.0	1.0	
19	LD07-3419	1.0	2.0	1.0	1.0	2.0	1.0	
20	LD07-3445	2.0	2.0	1.0	1.0	1.0	1.0	
21	LD07-4477	1.0	2.0	1.0	1.0	1.0	1.0	
22	LD07-4530	2.0	2.0	1.0	1.0	2.0	1.0	
23	LD07-5436	2.0	2.0	1.0	1.0	2.0	1.0	
24	LS07-0662	1.0	2.0	1.0	1.0	1.0	1.0	
25	LS07-1852	2.0	2.0	1.0	1.0	1.0	1.0	
26	LS07-2014	1.0	2.0	1.0	1.0	1.0	1.0	
27	LS07-2955	1.0	2.0	1.0	2.0	1.0	1.0	
28	LS07-3246	1.0	2.0	1.0	1.0	1.0	1.0	
29	SS05-4573	3.0	2.0	1.0	1.0	2.0	1.0	
30	SS05-5096	4.0	4.0	2.0	4.0	3.0	2.0	
31	SS05-5143	4.0	2.0	1.0	2.0	2.0	2.0	
32	SS06-5510	2.0	1.0	1.0	1.0	2.0	1.0	
33	SS06-5658	2.0	2.0	1.0	1.0	1.0	2.0	

## 2010 SCN PRELIM TEST III

### Seed Quality (score)

SCN HG Type	Novelty MO I	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Harrisburg IL NI	Ottawa KS NI	Columbia MO NI
Strain							
1	IA3023			1.0	1.0	1.0	
2	IA3024			1.0	2.0	2.0	
3	IA3048			2.0	1.0	2.0	
4	IA4004			2.0	1.0	2.0	
5	AR08-285081			2.0	1.0	2.0	
6	AR09-391010			2.0	1.0	2.0	
7	AR09-391012			1.0	2.0	2.0	
8	AR09-391014			2.0	2.0	2.0	
9	AR09-391015			1.0	1.0	2.0	
10	AR09-391016			2.0	1.0	2.0	
11	AR09-391017			2.0	1.0	2.0	
12	AR09-391020			1.0	2.0	2.0	
13	AR09-391021			1.0	1.0	2.0	
14	AR09-391031			2.0	4.0	2.0	
15	AR09-391032			1.0	1.0	2.0	
16	AR09-391033			2.0	2.0	2.0	
17	LD07-2396			2.0	1.0	2.0	
18	LD07-3395			2.0	1.0	2.0	
19	LD07-3419			2.0	1.0	2.0	
20	LD07-3445			1.0	1.0	2.0	
21	LD07-4477			1.0	1.0	2.0	
22	LD07-4530			1.0	2.0	2.0	
23	LD07-5436			1.0	2.0	2.0	
24	LS07-0662			2.0	1.0	2.0	
25	LS07-1852			2.0	1.0	2.0	
26	LS07-2014			2.0	1.0	2.0	
27	LS07-2955			2.0	1.0	2.0	
28	LS07-3246			1.0	1.0	2.0	
29	SS05-4573			1.0	1.0	2.0	
30	SS05-5096			3.0	4.0	2.0	
31	SS05-5143			3.0	1.0	2.0	
32	SS06-5510			2.0	1.0	2.0	
33	SS06-5658			2.0	1.0	2.0	

## 2010 SCN PRELIM TEST III

### Seed Weight (g/100)

		Council						
		Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B
		IA	IA	IL	IL	IL	IL	KS
SCN HG Type		2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7
Strain								
1	IA3023	16.1	14.7	11.0	12.7	13.5	11.8	
2	IA3024	14.9	15.3	11.2	13.2	14.5	12.7	
3	IA3048	14.5	14.6	10.3	12.3	12.6	11.7	
4	IA4004	17.4	17.5	13.0	14.6	15.7	14.0	
5	AR08-285081	11.9	12.4	9.3	10.8	11.7	10.3	
6	AR09-391010	16.5	16.7	12.1	14.9	16.2	14.0	
7	AR09-391012	14.8	15.6	11.8	14.5	14.5	12.9	
8	AR09-391014	14.5	15.4	12.1	13.7	13.6	12.6	
9	AR09-391015	14.3	16.0	11.4	14.4	14.9	12.8	
10	AR09-391016	17.4	17.5	13.5	16.4	16.2	14.5	
11	AR09-391017	13.2	13.2	10.0	12.0	12.3	10.9	
12	AR09-391020	14.0	15.4	10.9	14.7	13.8	13.5	
13	AR09-391021	14.3	14.8	10.6	13.1	13.5	11.3	
14	AR09-391031	14.9	14.8	11.3	14.2	12.9	12.8	
15	AR09-391032	14.4	14.5	11.2	13.7	13.5	11.9	
16	AR09-391033	15.7	16.0	12.4	13.9	15.3	12.6	
17	LD07-2396	14.8	15.4	10.8	15.1	15.0	12.0	
18	LD07-3395	13.1	14.3	11.3	15.4	13.7	12.9	
19	LD07-3419	12.9	13.9	10.9	15.6	13.9	12.1	
20	LD07-3445	13.0	15.5	11.1	13.4	13.6	11.2	
21	LD07-4477	15.8	16.0	12.3	14.0	14.1	13.7	
22	LD07-4530	15.1	15.3	12.1	14.2	14.5	12.3	
23	LD07-5436	16.5	15.8	12.0	15.1	13.8	13.4	
24	LS07-0662	13.3	13.2	10.0	12.4	12.5	10.8	
25	LS07-1852	15.0	15.7	11.5	14.7	14.4	13.0	
26	LS07-2014	15.7	16.5	11.9	14.8	15.5	13.8	
27	LS07-2955	15.4	16.5	12.1	14.9	14.9	13.2	
28	LS07-3246	14.8	15.9	10.7	12.6	14.8	12.8	
29	SS05-4573	12.8	12.7	9.9	13.0	13.7	11.9	
30	SS05-5096	21.1	20.6	17.2	19.2	19.1	17.8	
31	SS05-5143	19.0	19.9	15.3	18.9	19.4	16.9	
32	SS06-5510	15.5	13.2	12.0	13.8	14.3	13.4	
33	SS06-5658	14.5	14.3	12.6	14.7	13.7	13.7	

## 2010 SCN PRELIM TEST III

### Seed Weight (g/100)

SCN HG Type	Novelty MO I	Fairmont NE 1.3.6.7	Herman NE 7	Waterloo NE 7	Harrisburg IL NI	Ottawa KS NI	Columbia MO NI
Strain							
1	IA3023		12.6		12.9	11.0	13.5
2	IA3024		14.2		12.0	12.1	13.9
3	IA3048		11.8		12.6	10.9	13.7
4	IA4004		14.0		13.9	12.5	16.1
5	AR08-285081		10.5		9.8	9.5	11.3
6	AR09-391010		14.4		12.7	12.6	14.4
7	AR09-391012		13.1		12.5	12.3	13.3
8	AR09-391014		12.8		14.1	11.9	15.3
9	AR09-391015		12.8		14.0	11.1	15.4
10	AR09-391016		14.4		15.1	12.8	15.9
11	AR09-391017		12.6		12.7	10.3	12.4
12	AR09-391020		12.6		12.9	11.4	14.4
13	AR09-391021		12.5		13.2	10.2	13.2
14	AR09-391031		13.1		14.0	10.6	14.4
15	AR09-391032		12.9		13.7	11.9	14.2
16	AR09-391033		12.5		15.1	11.9	16.9
17	LD07-2396		13.7		11.4	11.0	15.4
18	LD07-3395		13.3		13.7	11.2	16.0
19	LD07-3419		12.4		12.7	10.8	15.3
20	LD07-3445		11.4		13.4	11.5	13.8
21	LD07-4477		14.4		14.5	12.1	14.3
22	LD07-4530		13.1		14.4	11.4	13.6
23	LD07-5436		13.8		16.2	12.0	14.8
24	LS07-0662		12.0		12.2	9.8	13.0
25	LS07-1852		11.8		13.8	11.6	14.3
26	LS07-2014		13.6		15.4	12.2	17.5
27	LS07-2955		12.0		14.4	12.1	15.5
28	LS07-3246		12.2		13.7	11.9	15.4
29	SS05-4573		10.4		12.4	9.6	13.2
30	SS05-5096		18.2		19.2	16.4	19.5
31	SS05-5143		17.1		19.8	13.9	18.9
32	SS06-5510		13.2		15.2	10.9	16.0
33	SS06-5658		14.0		15.1	11.5	17.3

## 2010 SCN PRELIM TEST III

### Protein (%)

		Council						
		Bluffs	Muscatine	Arthur	Urbana	Ashland B	Waterloo	Harrisburg
		IA	IA	IL	IL	KS	NE	IL
SCN HG Type		2.5.7	2.5.7	2.5.7	7	2.5.7	7	NI
Strain								
1	IA3023	33.3	33.2	30.5	31.2	34.2	32.8	31.0
2	IA3024	32.8	33.9	30.4	30.9	33.9	32.1	30.3
3	IA3048	34.4	35.1	31.0	32.5	34.7	34.0	32.0
4	IA4004	34.9	35.8	33.1	34.5	35.5	34.3	33.1
5	AR08-285081	35.3	35.4	32.1	32.1	35.7	34.5	33.2
6	AR09-391010	35.9	34.8	32.6	32.6	35.5	34.8	33.2
7	AR09-391012	35.3	34.8	31.9	31.9	35.7	34.7	31.0
8	AR09-391014	33.9	35.2	31.2	31.2	34.3	34.0	33.3
9	AR09-391015	34.0	35.3	32.2	32.2	36.0	33.8	34.2
10	AR09-391016	35.4	36.8	33.0	33.0	36.5	35.1	32.5
11	AR09-391017	34.7	36.1	32.3	32.3	35.8	35.0	33.3
12	AR09-391020	32.3	34.5	29.7	29.7	33.2	32.6	29.9
13	AR09-391021	35.8	35.8	32.6	32.6	35.8	35.3	33.3
14	AR09-391031	33.2	33.5	30.6	30.6	34.7	33.2	31.0
15	AR09-391032	34.4	35.7	32.7	32.7	35.3	34.1	32.3
16	AR09-391033	33.2	34.7	32.2	32.2	33.5	34.1	32.1
17	LD07-2396	33.5	34.1	30.2	30.2	34.5	31.4	31.2
18	LD07-3395	33.4	33.1	30.2	30.2	34.0	32.2	31.4
19	LD07-3419	30.4	32.6	29.0	29.0	33.3	31.5	30.8
20	LD07-3445	33.1	35.1	31.3	31.3	33.9	33.7	32.0
21	LD07-4477	33.9	33.8	31.6	31.6	34.9	33.5	32.9
22	LD07-4530	33.9	35.0	31.6	31.6	34.5	33.6	32.1
23	LD07-5436	35.8	37.2	32.5	32.5	36.5	36.0	33.7
24	LS07-0662	33.2	33.5	30.8	30.8	35.2	34.1	31.4
25	LS07-1852	33.8	36.2	31.8	31.8	34.8	34.9	33.1
26	LS07-2014	33.6	34.7	30.3	30.3	34.7	32.9	32.1
27	LS07-2955	34.6	35.4	31.5	31.5	35.3	34.0	32.4
28	LS07-3246	35.1	35.5	31.3	31.3	34.9	34.4	33.4
29	SS05-4573	33.4	34.9	31.1	31.1	35.5	34.4	31.2
30	SS05-5096	33.7	34.3	30.7	30.7	35.1	33.8	31.3
31	SS05-5143	36.4	36.2	33.1	33.1	36.1	36.3	33.4
32	SS06-5510	34.1	35.4	31.3	31.3	35.2	33.6	32.6
33	SS06-5658	32.9	34.9	31.1	31.1	34.5	33.6	33.0



## 2010 SCN PRELIM TEST III

### Oil (%)

		Council	Muscatine	Arthur	Urbana	Ashland B	Waterloo	Harrisburg
		Bluffs	IA	IL	IL	KS	NE	IL
SCN HG Type		2.5.7	2.5.7	2.5.7	7	2.5.7	7	NI
Strain								
1	IA3023	18.9	19.4	19.6	19.6	18.9	18.9	19.6
2	IA3024	19.1	17.9	19.7	20.4	19.3	18.9	20.4
3	IA3048	17.9	18.6	19.3	19.4	18.6	17.8	19.4
4	IA4004	18.2	17.7	18.3	19.5	18.0	17.9	19.5
5	AR08-285081	17.3	17.2	17.7	17.5	17.4	16.8	17.5
6	AR09-391010	18.9	19.5	19.3	19.2	18.9	18.5	19.2
7	AR09-391012	17.6	17.9	19.0	19.7	18.0	17.2	19.7
8	AR09-391014	18.4	18.1	19.1	18.8	19.0	18.4	18.8
9	AR09-391015	18.0	17.8	18.6	18.7	18.9	18.1	18.7
10	AR09-391016	18.0	17.5	18.4	19.0	18.1	18.0	19.0
11	AR09-391017	18.3	17.4	18.6	19.0	18.2	17.6	19.0
12	AR09-391020	18.6	18.9	19.1	19.7	18.5	18.0	19.7
13	AR09-391021	18.1	18.6	19.4	18.9	18.8	18.1	18.9
14	AR09-391031	18.7	18.9	19.2	19.8	18.1	18.7	19.8
15	AR09-391032	18.0	17.0	18.3	18.6	18.5	17.7	18.6
16	AR09-391033	19.2	18.5	19.1	19.9	19.0	18.7	19.9
17	LD07-2396	18.8	19.1	19.0	19.0	19.6	19.0	19.0
18	LD07-3395	19.5	18.8	19.7	19.3	18.3	18.9	19.3
19	LD07-3419	20.0	19.7	20.2	20.3	19.8	19.5	20.3
20	LD07-3445	18.0	18.6	18.1	19.2	18.4	17.7	19.2
21	LD07-4477	18.3	18.8	18.8	19.1	18.7	18.5	19.1
22	LD07-4530	17.9	18.1	18.7	18.8	18.7	18.0	18.8
23	LD07-5436	17.2	17.3	17.7	17.9	18.0	16.7	17.9
24	LS07-0662	18.2	18.4	18.3	18.6	17.8	17.6	18.6
25	LS07-1852	18.6	18.4	19.1	19.0	18.7	18.7	19.0
26	LS07-2014	18.8	19.1	19.4	19.2	18.8	18.8	19.2
27	LS07-2955	18.9	18.1	19.0	18.8	17.6	18.7	18.8
28	LS07-3246	18.0	18.4	18.9	19.4	19.0	18.0	19.4
29	SS05-4573	17.2	18.2	17.5	18.1	16.9	16.8	18.1
30	SS05-5096	19.1	19.3	19.7	20.4	19.5	18.8	20.4
31	SS05-5143	17.8	18.1	19.0	19.5	18.7	17.9	19.5
32	SS06-5510	18.5	18.5	18.4	18.5	18.5	17.6	18.5
33	SS06-5658	17.7	17.9	18.5	18.0	18.2	17.9	18.0

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## 2010 SCN UNIFORM TEST IV

Strain	Descriptive code	Parentage
1 LD00- 3309	PTbl	Maverick x Dwight
2 IA4004	PLty	Dairyland 99433 x A01-409003
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 LD05-30578a	PTbr	LD00-3309(2) x [LD00-4970(2) x (Dowling x Loda)]
7 LD06-6017	P+WTbl	IA3023 x LD00- 3309
8 LD06-7046bf	WGbf	E00290 x LD00- 3309
9 LD06-7596	P+WLTbl	IA3023 x LD00- 3309
10 LD06-7609	WTbl	IA3023 x LD00- 3309
11 LD06-7620	PGbl	IA3023 x LD00- 3309
12 LD06-7862	PTbl	DSR-305 x LD00- 3309
13 LD06-8970	WGbf	LS93-0375 x LNX97164-35
14 LD06-9205	WGbf	LS98-0582 x LD00- 3296
15 LS05-3229	PTbl	LS93-0375 x Ina

Strain	Previous testing	Gen. Comp.	Traits
1 LD00- 3309	5	F5	
2 IA4004	1	F4	
3 LD00- 2817P	3	F5	
4 LD02- 9050	4	F5	
5 K07-1633	09SCN P IIIB	F4	
6 LD05-30578a	1	F3	Rag1
7 LD06-6017	09SCN P IV	F5	
8 LD06-7046bf	09SCN P IV	F5	
9 LD06-7596	09SCN P IIIB	F5	
10 LD06-7609	09SCN P IV	F5	
11 LD06-7620	09SCN P IV	F5	
12 LD06-7862	09SCN P IV	F5	
13 LD06-8970	09SCN P IIIB	F5	
14 LD06-9205	09SCN P IV	F5	
15 LS05-3229	2	F6	

### 2010 SCN UNIFORM TEST IV

Strain	IL SCN screen				SIU SDS
	HG 0		HG 2.5.7		LSD = 14
	FI	rating	FI	rating	DX
1 LD00- 3309	13	R	69	NR	9
2 IA4004	90	NR	90	NR	28
3 LD00- 2817P	1	HR	2	HR	14
4 LD02- 9050	11	R	86	NR	10
5 K07-1633	6	HR	75	NR	1
6 LD05-30578a	3	HR	89	NR	14
7 LD06-6017	25	MR	86	NR	8
8 LD06-7046bf	2	HR	56	LR	12
9 LD06-7596	2	HR	63	NR	7
10 LD06-7609	7	HR	58	LR	4
11 LD06-7620	3	HR	76	NR	5
12 LD06-7862	3	HR	78	NR	1
13 LD06-8970	1	HR	56	LR	5
14 LD06-9205	6	HR	70	NR	14
15 LS05-3229	2	HR	97	NR	6

## 2010 SCN UNIFORM TEST IV

### Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
	Locations	7		6		11	13	12	12	11	7	7
1	LD00- 3309	50.3	13	50.5	11	9/20	1.8	35	1.8	10.8	33.6	17.5
2	IA4004	53.3	7	51.3	8	-1	2.5	35	2.6	14.6	34.9	18.0
3	LD00- 2817P	52.3	9	53.7	4	5	2.0	38	2.4	11.1	31.9	18.2
4	LD02- 9050	51.1	12	49.1	14	-2	2.1	35	1.8	12.7	33.3	18.5
5	K07-1633	56.4	2	52.0	6	0	2.4	36	1.9	11.9	33.5	18.2
6	LD05-30578a	51.5	10	50.0	12	2	1.8	34	2.0	11.5	33.6	18.1
7	LD06-6017	53.9	4	53.9	3	2	1.8	34	2.1	12.5	33.4	18.3
8	LD06-7046bf	53.4	6	51.0	9	0	2.2	40	2.2	13.1	33.6	18.5
9	LD06-7596	53.9	4	55.2	1	0	1.9	37	1.8	11.9	33.0	18.1
10	LD06-7609	53.2	8	51.0	9	2	1.7	36	1.8	12.6	33.9	17.7
11	LD06-7620	56.7	1	49.6	13	1	1.7	32	2.0	12.6	33.7	17.9
12	LD06-7862	51.3	11	51.7	7	-1	1.7	31	1.9	12.2	34.3	17.5
13	LD06-8970	54.4	3	54.3	2	2	1.8	36	1.9	12.1	33.4	18.0
14	LD06-9205	49.5	15	48.7	15	1	1.5	34	1.9	14.4	34.4	18.8
15	LS05-3229	49.6	14	53.5	5	7	2.1	38	1.9	13.3	34.5	17.3

### 2 Year Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
	Locations	13		11		19	23	22	21	20	13	13
1	LD00- 3309	56.7	4	53.5	4	9/23	1.6	33	2.2	12.2	33.6	17.9
2	IA4004	54.2	6	55.7	2	-3	2.2	33	2.7	15.8	34.7	18.2
3	LD00- 2817P	56.8	3	54.7	3	4	1.9	36	2.6	12.7	32.6	18.2
4	LD02- 9050	56.3	5	53.5	5	-3	1.7	33	2.1	14.4	33.5	18.4
6	LD05-30578a	57.1	2	52.2	6	2	1.5	33	2.3	13.2	34.1	18.0
15	LS05-3229	57.4	1	57.6	1	5	1.9	37	2.3	15.0	34.7	17.4

## 2010 SCN UNIFORM TEST IV

### Yield (bu/a)

		Belleville	Dowell	Urbana	Ashland B	Lexington	Clarkton	Novelty
		IL	IL	IL	KS	KY	MO	MO
SCN HG Type		2.5.7	2.5.7	7	2.5.7	I	1.2.5.7	I
Strain								
1	LD00- 3309	53.1	48.7	64.7	53.3	57.4	27.1	47.8
2	IA4004	61.7	48.8	63.1	58.1	66.2	21.9	53.1
3	LD00- 2817P	62.0	52.6	61.7	51.0	54.9	30.2	53.7
4	LD02- 9050	58.9	56.5	61.3	41.6	50.9	34.1	54.7
5	K07-1633	63.0	56.4	70.4	49.0	64.6	32.7	58.4
6	LD05-30578a	56.0	49.3	67.3	52.2	61.2	21.7	52.7
7	LD06-6017	60.3	51.0	69.1	50.6	61.8	29.5	54.8
8	LD06-7046bf	58.8	54.3	66.9	51.7	60.7	20.5	60.7
9	LD06-7596	56.8	56.2	72.4	60.2	56.4	17.7	57.3
10	LD06-7609	55.0	48.5	66.8	51.5	61.6	32.6	56.6
11	LD06-7620	64.1	58.7	73.3	54.9	63.6	24.1	58.4
12	LD06-7862	55.2	54.0	63.1	50.1	57.7	30.5	48.3
13	LD06-8970	60.5	57.1	64.6	49.5	61.1	30.8	57.2
14	LD06-9205	51.5	53.3	65.8	48.8	61.6	14.2	51.2
15	LS05-3229	57.7	55.0	65.6	49.1	50.3	19.4	49.8
Average		58.3	53.4	66.4	51.4	59.3	25.8	54.3
LSD(.05)		10.7	5.9	8.2	4.1	8.9	12.5	4.6
C.V. %		11.0	6.6	6.2	5.7	10.9	28.9	6.1
Replications		3	3	2	3	3	3	3
Row width (in.)		30	30	30	30	16	30	30

## 2010 SCN UNIFORM TEST IV

### Yield (bu/a)

SCN HG Type	Grand	Browns-	Harrisburg	Ottawa	Columbia	Portage-	Jackson	
	Junction	town	IL	KS	MO	ville	TN	
	TN	IL	IL	KS	MO	MO	TN	
	2	NI	NI	NI	NI	NI	NI	
Strain								
1	LD00- 3309	18.0	53.8	57.1	36.7	54.3	49.6	51.5
2	IA4004	20.0	50.2	62.6	39.2	53.3	47.7	54.9
3	LD00- 2817P	20.0	56.7	52.6	42.8	56.9	55.1	58.2
4	LD02- 9050	20.0	52.1	58.4	37.8	52.8	49.0	44.2
5	K07-1633	11.0	52.7	60.3	35.4	54.9	53.4	55.0
6	LD05-30578a	14.0	53.4	57.1	38.3	52.6	47.7	50.6
7	LD06-6017	17.0	55.3	62.6	41.8	56.3	60.3	46.8
8	LD06-7046bf	19.0	55.6	48.1	36.3	57.4	50.1	58.3
9	LD06-7596	19.0	50.8	59.1	37.9	62.3	58.2	62.7
10	LD06-7609	13.0	54.5	54.5	34.7	55.0	53.5	53.8
11	LD06-7620	15.0	49.7	56.1	34.7	56.2	49.9	51.0
12	LD06-7862	16.0	52.2	62.9	39.3	52.1	53.4	50.4
13	LD06-8970	15.0	53.2	55.2	40.6	55.6	64.8	56.5
14	LD06-9205	19.0	58.4	57.1	41.2	46.6	39.3	49.8
15	LS05-3229	18.0	56.7	54.2	44.1	53.7	56.8	55.3
	Average	16.8	53.7	57.2	38.7	54.7	52.6	53.3
	LSD(.05)	1.5	8.4	8.0	3.2	5.0	6.5	7.5
	C.V. %	31.1*	7.9	8.3	5.9	6.6	7.4	8.4
	Replications	4	2	3	3	3	3	3
	Row width (in.)	30	30	30	30	30	30	30

\*Data not included when calculating means for summary table.

## 2010 SCN UNIFORM TEST IV

### Yield (rank)

		Belleville	Dowell	Urbana	Ashland B	Lexington	Clarkton	Novelty
		IL	IL	IL	KS	KY	MO	MO
SCN HG Type		2.5.7	2.5.7	7	2.5.7	I	1.2.5.7	I
Strain								
1	LD00- 3309	14	14	10	4	11	8	15
2	IA4004	4	13	12	2	1	10	10
3	LD00- 2817P	3	10	14	8	13	6	9
4	LD02- 9050	7	3	15	15	14	1	8
5	K07-1633	2	4	3	13	2	2	2
6	LD05-30578a	11	12	5	5	7	11	11
7	LD06-6017	6	11	4	9	4	7	7
8	LD06-7046bf	8	7	6	6	9	12	1
9	LD06-7596	10	5	2	1	12	14	4
10	LD06-7609	13	15	7	7	5	3	6
11	LD06-7620	1	1	1	3	3	9	2
12	LD06-7862	12	8	12	10	10	5	14
13	LD06-8970	5	2	11	11	8	4	5
14	LD06-9205	15	9	8	14	5	15	12
15	LS05-3229	9	6	9	12	15	13	13



**2010 SCN UNIFORM TEST IV**

**Yield (rank)**

SCN HG Type	Grand Junction	Browns-town	Harrisburg	Ottawa	Columbia	Portage-ville	Jackson
	TN	IL	IL	KS	MO	MO	TN
Strain	2	NI	NI	NI	NI	NI	NI
1 LD00- 3309	7	7	7	11	9	11	9
2 IA4004	1	14	2	7	11	13	7
3 LD00- 2817P	1	2	14	2	3	5	3
4 LD02- 9050	1	12	6	10	12	12	15
5 K07-1633	15	10	4	13	8	7	6
6 LD05-30578a	13	8	7	8	13	13	11
7 LD06-6017	9	5	2	3	4	2	14
8 LD06-7046bf	4	4	15	12	2	9	2
9 LD06-7596	4	13	5	9	1	3	1
10 LD06-7609	14	6	12	14	7	6	8
11 LD06-7620	11	15	10	14	5	10	10
12 LD06-7862	10	11	1	6	14	7	12
13 LD06-8970	11	9	11	5	6	1	4
14 LD06-9205	4	1	7	4	15	15	13
15 LS05-3229	7	2	13	1	10	4	5

## 2010 SCN UNIFORM TEST IV

### Maturity

		Belleville	Dowell	Urbana	Ashland B	Lexington	Clarkton	Novelty
		IL	IL	IL	KS	KY	MO	MO
SCN HG Type		2.5.7	2.5.7	7	2.5.7	I	1.2.5.7	I
Strain								
1	LD00- 3309	9/26	9/17	9/25	10/6	9/15	9/11	
2	IA4004	-1	2	-5	-1	1	-1	
3	LD00- 2817P	7	8	5	3	4	3	
4	LD02- 9050	1	2	-3	-6	-2	-3	
5	K07-1633	0	1	-1	3	0	3	
6	LD05-30578a	3	3	2	1	1	3	
7	LD06-6017	5	5	0	1	1	4	
8	LD06-7046bf	1	2	-1	2	-1	2	
9	LD06-7596	-1	0	-1	4	1	0	
10	LD06-7609	1	3	2	2	2	-3	
11	LD06-7620	2	4	2	4	0	-6	
12	LD06-7862	0	0	-5	-3	2	-1	
13	LD06-8970	3	5	4	1	3	-4	
14	LD06-9205	0	5	1	2	1	-1	
15	LS05-3229	8	8	6	5	7	-1	
	Planted	6/4	6/30	5/26	6/3	5/10	4/29	5/28

## 2010 SCN UNIFORM TEST IV

### Maturity

		Grand Junction TN 2	Browns- town IL NI	Harrisburg IL NI	Ottawa KS NI	Columbia MO NI	Portage- ville MO NI	Jackson TN NI
SCN HG Type								
Strain								
1	LD00- 3309	9/14*	9/20	9/13		9/22	9/22	9/13
2	IA4004	0	-2	-3		-1	0	3
3	LD00- 2817P	10	10	4		9	4	3
4	LD02- 9050	0	0	-1		-2	-1	-2
5	K07-1633	10	0	-3		-1	0	-2
6	LD05-30578a	0	3	1		3	1	1
7	LD06-6017	0	4	2		1	1	1
8	LD06-7046bf	0	6	-2		1	-5	0
9	LD06-7596	0	-1	-2		1	-1	1
10	LD06-7609	6	6	0		3	-1	6
11	LD06-7620	7	4	-2		1	1	1
12	LD06-7862	0	-2	-2		-2	0	1
13	LD06-8970	10	5	3		1	2	1
14	LD06-9205	6	6	-1		0	-1	1
15	LS05-3229	10	12	8		11	6	4
	Planted	6/21	6/7	5/18	6/21	5/27	5/26	5/24

\*Data not included when calculating means for summary table.

## 2010 SCN UNIFORM TEST IV

### Lodging (score)

		Belleville	Dowell	Urbana	Ashland B	Lexington	Clarkton	Novelty
		IL	IL	IL	KS	KY	MO	MO
SCN HG Type		2.5.7	2.5.7	7	2.5.7	I	1.2.5.7	I
Strain								
1	LD00- 3309	3.7	1.0	1.3	2.0	2.3	1.0	
2	IA4004	4.0	1.3	1.8	2.3	3.0	1.0	
3	LD00- 2817P	3.0	1.0	1.5	2.0	2.3	1.0	
4	LD02- 9050	4.0	1.0	1.5	2.3	2.0	1.0	
5	K07-1633	3.3	1.3	2.0	2.0	3.0	2.0	
6	LD05-30578a	4.0	1.0	1.0	1.7	2.2	1.0	
7	LD06-6017	3.7	1.0	1.0	2.0	2.3	2.0	
8	LD06-7046bf	3.7	1.3	1.8	2.0	2.7	1.0	
9	LD06-7596	3.0	1.0	1.5	2.0	2.5	1.0	
10	LD06-7609	3.7	1.0	1.3	2.0	1.8	1.0	
11	LD06-7620	3.3	1.0	1.3	1.3	2.0	1.0	
12	LD06-7862	4.0	1.0	1.0	2.0	2.2	1.0	
13	LD06-8970	3.7	1.0	1.5	2.0	1.7	1.0	
14	LD06-9205	3.0	1.0	1.0	2.0	1.2	1.0	
15	LS05-3229	3.3	1.3	1.5	2.0	2.2	1.0	

**2010 SCN UNIFORM TEST IV**

**Lodging (score)**

SCN HG Type	Grand Junction	Browns-town	Harrisburg	Ottawa	Columbia	Portage-ville	Jackson
	TN 2	IL NI	IL NI	KS NI	MO NI	MO NI	TN NI
Strain							
1 LD00- 3309	1.0	1.8	1.0	1.0	2.0	1.0	4.0
2 IA4004	2.0	3.5	2.3	1.0	3.3	3.0	4.0
3 LD00- 2817P	2.0	2.3	1.7	1.0	3.7	1.0	3.0
4 LD02- 9050	3.0	1.5	1.7	1.0	2.0	2.0	4.3
5 K07-1633	2.0	2.3	2.0	1.0	3.3	3.0	3.7
6 LD05-30578a	1.0	1.8	1.0	1.0	2.3	1.0	4.3
7 LD06-6017	1.0	1.5	1.0	1.0	2.0	1.0	3.3
8 LD06-7046bf	1.0	2.5	1.7	1.0	3.0	2.0	4.7
9 LD06-7596	1.0	1.8	1.7	1.0	2.7	2.0	3.7
10 LD06-7609	1.0	1.5	1.0	1.0	2.3	1.0	3.0
11 LD06-7620	1.0	1.8	1.0	1.0	2.0	1.0	4.3
12 LD06-7862	1.0	1.3	1.0	1.0	1.7	1.0	4.3
13 LD06-8970	1.0	1.5	1.3	1.0	2.3	1.0	4.3
14 LD06-9205	1.0	1.5	1.0	1.0	2.0	1.0	3.3
15 LS05-3229	1.0	2.5	2.0	1.0	2.3	3.0	4.0

**2010 SCN UNIFORM TEST IV**

**Height (inches)**

		Belleville	Dowell	Urbana	Ashland B	Lexington	Clarkton	Novelty
		IL	IL	IL	KS	KY	MO	MO
SCN HG Type		2.5.7	2.5.7	7	2.5.7	I	1.2.5.7	I
Strain								
1	LD00- 3309	44	29	41	40	41	24	
2	IA4004	45	32	39	38	40	22	
3	LD00- 2817P	47	35	41	43	42	24	
4	LD02- 9050	42	32	34	39	38	29	
5	K07-1633	44	37	38	40	40	25	
6	LD05-30578a	42	27	39	37	41	24	
7	LD06-6017	40	32	39	38	37	23	
8	LD06-7046bf	52	41	44	44	43	25	
9	LD06-7596	46	34	39	42	42	23	
10	LD06-7609	44	34	42	39	42	24	
11	LD06-7620	37	31	37	35	37	22	
12	LD06-7862	39	30	35	34	38	22	
13	LD06-8970	42	36	43	41	42	26	
14	LD06-9205	44	34	38	38	38	19	
15	LS05-3229	48	36	42	42	41	23	

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**2010 SCN UNIFORM TEST IV**

**Height (inches)**

SCN HG Type	Grand	Browns-	Harrisburg	Ottawa	Columbia	Portage-	Jackson
	Junction	town	IL	KS	MO	ville	TN
	TN	IL	IL	KS	MO	MO	TN
	2	NI	NI	NI	NI	NI	NI
Strain							
1 LD00- 3309	24	42	39	26		28	39
2 IA4004	25	40	44	26		29	43
3 LD00- 2817P	27	44	49	28		32	42
4 LD02- 9050	25	36	41	28		31	43
5 K07-1633	22	40	47	28		32	42
6 LD05-30578a	23	39	41	26		27	45
7 LD06-6017	23	37	40	25		30	38
8 LD06-7046bf	25	50	50	33		30	49
9 LD06-7596	25	44	46	27		31	44
10 LD06-7609	24	42	42	27		29	45
11 LD06-7620	23	36	38	23		28	38
12 LD06-7862	20	34	39	23		27	36
13 LD06-8970	23	38	42	26		34	44
14 LD06-9205	22	39	42	27		25	43
15 LS05-3229	27	43	48	28		32	45

**2010 SCN UNIFORM TEST IV**

**Seed Quality (score)**

		Belleville	Dowell	Urbana	Ashland B	Lexington	Clarkton	Novelty
		IL	IL	IL	KS	KY	MO	MO
SCN HG Type		2.5.7	2.5.7	7	2.5.7	I	1.2.5.7	I
Strain								
1	LD00- 3309	1.0	1.0	1.0	2.0	2.0	3.0	1.0
2	IA4004	2.0	3.0	1.0	2.0	4.0	3.0	2.0
3	LD00- 2817P	2.0	2.0	1.0	1.9	3.0	4.0	2.0
4	LD02- 9050	1.0	1.0	1.0	2.0	2.0	2.0	1.0
5	K07-1633	1.0	1.0	1.0	2.0	3.0	3.0	1.0
6	LD05-30578a	1.0	2.0	1.0	2.0	2.0	2.0	1.0
7	LD06-6017	2.0	1.0	1.0	2.0	3.0	3.0	2.0
8	LD06-7046bf	1.0	2.0	1.0	2.0	2.0	4.0	1.0
9	LD06-7596	1.0	1.0	1.0	2.0	2.0	3.0	1.0
10	LD06-7609	1.0	1.0	1.0	2.0	2.0	3.0	1.0
11	LD06-7620	1.0	1.0	1.0	2.0	2.0	3.0	1.0
12	LD06-7862	1.0	1.0	1.0	2.0	2.0	3.0	1.0
13	LD06-8970	1.0	1.0	1.0	2.0	3.0	3.0	1.0
14	LD06-9205	1.0	1.0	1.0	2.0	3.0	2.0	1.0
15	LS05-3229	1.0	1.0	1.0	2.0	2.0	3.0	1.0



**2010 SCN UNIFORM TEST IV**

**Seed Quality (score)**

SCN HG Type	Grand Junction	Browns-town	Harrisburg	Ottawa	Columbia	Portage-ville	Jackson
	TN 2	IL NI	IL NI	KS NI	MO NI	MO NI	TN NI
Strain							
1	LD00- 3309	1.0	1.0	2.0		2.0	2.3
2	IA4004	3.0	2.0	2.0		3.0	3.7
3	LD00- 2817P	2.0	1.0	2.0		3.0	3.3
4	LD02- 9050	1.0	1.0	2.0		3.0	2.0
5	K07-1633	1.0	1.0	2.0		3.0	2.3
6	LD05-30578a	2.0	1.0	3.0		3.0	2.0
7	LD06-6017	2.0	1.0	2.0		3.0	2.3
8	LD06-7046bf	2.0	1.0	2.0		3.0	3.0
9	LD06-7596	1.0	1.0	2.0		3.0	2.0
10	LD06-7609	1.0	1.0	2.0		2.0	2.0
11	LD06-7620	1.0	1.0	3.0		3.0	2.7
12	LD06-7862	1.0	1.0	2.0		3.0	2.7
13	LD06-8970	2.0	1.0	2.0		2.0	2.3
14	LD06-9205	2.0	1.0	2.0		2.0	2.3
15	LS05-3229	2.0	1.0	2.0		3.0	2.0

## 2010 SCN UNIFORM TEST IV

### Seed Weight (g/100)

		Belleville	Dowell	Urbana	Ashland B	Lexington	Clarkton	Novelty
		IL	IL	IL	KS	KY	MO	MO
SCN HG Type		2.5.7	2.5.7	7	2.5.7	I	1.2.5.7	I
Strain								
1	LD00- 3309	11.1	12.2	10.5	11.6	8.7	10.1	
2	IA4004	14.8	16.0	13.1	15.5	13.6	12.3	
3	LD00- 2817P	12.3	11.1	11.2	12.4	9.0	9.8	
4	LD02- 9050	12.7	14.7	12.0	15.0	10.4	11.4	
5	K07-1633	11.3	11.9	11.9	13.3	10.5	12.9	
6	LD05-30578a	11.7	13.1	11.5	12.4	10.0	9.7	
7	LD06-6017	12.6	13.2	12.8	13.9	10.2	13.7	
8	LD06-7046bf	12.5	14.2	13.5	14.5	11.5	12.3	
9	LD06-7596	12.2	13.1	12.2	13.2	9.7	10.3	
10	LD06-7609	12.3	13.8	12.7	13.4	11.2	11.4	
11	LD06-7620	11.7	13.9	12.4	13.5	11.7	11.1	
12	LD06-7862	12.2	13.1	12.3	13.2	9.9	11.5	
13	LD06-8970	12.6	13.5	11.6	12.4	10.4	11.2	
14	LD06-9205	14.2	15.4	14.0	15.2	12.8	14.5	
15	LS05-3229	13.3	13.7	12.9	14.0	10.6	11.2	

**2010 SCN UNIFORM TEST IV**

**Seed Weight (g/100)**

SCN HG Type	Grand	Browns-	Harrisburg	Ottawa	Columbia	Portage-	Jackson
	Junction	town	IL	KS	MO	ville	TN
	TN	IL	IL	KS	MO	MO	TN
	2	NI	NI	NI	NI	NI	NI
Strain							
1	LD00- 3309	11.7	9.0	13.2		10.7	9.7
2	IA4004	15.0	13.0	16.0		15.4	15.7
3	LD00- 2817P	12.4	9.1	14.4		10.5	10.1
4	LD02- 9050	13.2	11.1	14.1		12.4	12.4
5	K07-1633	12.4	10.0	13.2		11.4	11.9
6	LD05-30578a	12.5	10.2	14.0		11.1	10.7
7	LD06-6017	12.2	10.9	14.8		13.0	10.5
8	LD06-7046bf	14.1	10.4	15.9		13.1	12.6
9	LD06-7596	12.2	10.0	14.1		12.2	11.5
10	LD06-7609	13.8	10.2	15.1		11.9	12.3
11	LD06-7620	12.7	10.5	15.4		12.9	12.4
12	LD06-7862	12.2	10.7	14.6		12.4	12.0
13	LD06-8970	12.5	9.7	15.8		12.3	11.3
14	LD06-9205	15.1	11.4	17.8		15.5	13.0
15	LS05-3229	16.1	11.6	17.6		12.8	12.9

## 2010 SCN UNIFORM TEST IV

### Protein (%)

		Urbana	Ashland B	Lexington	Clarkton	Browns-	Harrisburg	Jackson
		IL	KS	KY	MO	town	IL	TN
SCN HG Type		7	2.5.7	I	1.2.5.7	NI	NI	NI
Strain								
1	LD00- 3309	32.6	34.6	34.8	33.9	33.2	31.8	34.3
2	IA4004	35.3	35.2	35.1	35.0	34.8	32.7	36.0
3	LD00- 2817P	30.5	33.3	33.6	30.3	32.3	31.4	31.8
4	LD02- 9050	32.7	34.5	34.0	32.3	33.6	32.0	33.9
5	K07-1633	34.2	35.1	33.7	32.8	33.1	31.1	34.8
6	LD05-30578a	33.4	35.2	34.2	33.7	33.1	32.0	33.5
7	LD06-6017	33.3	34.1	33.9	33.7	33.0	31.2	34.3
8	LD06-7046bf	33.4	34.6	35.1	34.0	33.5	31.3	33.5
9	LD06-7596	32.7	33.4	33.8	33.5	32.5	31.2	34.2
10	LD06-7609	33.7	34.6	34.6	34.1	33.3	32.1	34.7
11	LD06-7620	33.5	34.5	34.3	34.7	32.8	31.6	34.6
12	LD06-7862	34.2	34.7	35.6	34.0	34.3	33.2	34.3
13	LD06-8970	32.6	35.0	34.6	32.0	33.3	32.4	33.9
14	LD06-9205	34.0	34.7	35.5	34.2	35.6	32.3	34.3
15	LS05-3229	34.4	34.6	36.2	33.5	34.4	33.5	35.0

## 2010 SCN UNIFORM TEST IV

### Oil (%)

		Urbana	Ashland B	Lexington	Clarkton	Browns-	Harrisburg	Jackson
		IL	KS	KY	MO	town	IL	TN
SCN HG Type		7	2.5.7	I	1.2.5.7	NI	NI	NI
Strain								
1	LD00- 3309	17.5	17.7	16.8	17.4	17.9	18.6	16.6
2	IA4004	17.9	17.8	17.6	17.4	18.0	19.3	17.9
3	LD00- 2817P	18.5	18.8	16.8	18.5	18.5	18.1	18.0
4	LD02- 9050	18.0	18.9	17.7	18.6	18.4	20.0	18.2
5	K07-1633	18.2	18.5	18.0	18.1	18.3	19.0	17.4
6	LD05-30578a	17.7	18.3	17.6	18.0	18.6	19.0	17.6
7	LD06-6017	18.5	18.4	17.5	17.4	18.7	19.5	18.0
8	LD06-7046bf	17.9	18.8	18.8	18.5	18.3	19.4	17.8
9	LD06-7596	18.5	18.5	17.4	17.1	19.0	18.9	17.2
10	LD06-7609	17.8	18.1	17.1	16.7	18.1	18.6	17.3
11	LD06-7620	18.0	18.2	17.6	16.9	18.2	19.2	17.2
12	LD06-7862	17.4	18.1	17.2	17.4	17.9	18.3	16.5
13	LD06-8970	18.1	18.3	17.4	18.3	18.6	18.3	17.4
14	LD06-9205	18.2	19.2	19.0	18.3	19.7	19.1	17.9
15	LS05-3229	17.1	18.2	15.9	17.8	17.2	18.3	16.7

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## 2010 SCN PRELIM TEST IV

Strain	Descriptive code	Parentage	Gen. Comp.	Traits
1 LD00- 3309	PTbl	Maverick x Dwight	F5	
2 IA4004	PLty	Dairyland 99433 x A01-409003	F4	
3 LD00- 2817P	PGibl	Ina x Dwight	F5	
4 LD02- 9050	PTbl	LN97-24270 x LS93-0375	F5	
5 JTN-3109	WTbr	Columbia x PI 88788	F8	
6 K08-5026	PT+Ltbl	K03-2399 x LS01-1987	F4	
7 K08-5125	P+WT+Gbl+bf	K03-2399 x U98-311422	F4	
8 K08-5230	P+WTbl	K03-2399 x K03-2897	F4	
9 K08-5286	P+WTbl	K03-2399 x LD00-3309	F4	
10 K08-5349	P+WTbl	K03-2399 x LD00-3309	F4	
11 LD07-3679	P+WGbfbf	SS98-7851 x LD00-3309	F5	
12 LD07-3823	PTbr	LD01-5907 x LD00-3309	F5	
13 LD07-4366a	WGbl	IA3023 x APXG05-5-1	F5	Rag1
14 LD07-4368a	PTbl	IA3023 x APXG05-5-1	F5	Rag1
15 LS07-1343	WTbl+br	LN97-15076 x LD02-4485	F5	
16 LS07-1348	PTbl	LN97-15076 x LD02-4485	F5	
17 LS07-1934	PGbf	SS98-7851 x LD01-5907	F5	
18 LS07-1942	PGbf	SS98-7851 x LD01-5907	F5	
19 LS07-2016	PGibl	SS98-7851 x Maverick	F5	
20 LS07-2773	PTbl	LS93-0375 x LS98-0582	F6	
21 LS07-2935	PTbl	SS98-7851 x LD00-3309	F5	
22 LS07-3070	WGbf	SS98-7851 x LD00-3309	F5	
23 LS07-3107	P+WGbfbf+ibl	SS98-7851 x LD00-3309	F5	
24 LS07-3125	WGbf	SS98-7851 x LD00-3309	F5	
25 LS07-3126	WTbl	SS98-7851 x LD00-3309	F5	
26 LS07-3131	PGibl	SS98-7851 x LD00-3309	F5	
27 LS07-3141	PGibl	SS98-7851 x LD00-3309	F5	

## 2010 SCN PRELIM TEST IV

Strain	IL SCN screen			
	HG Type 0		HG Type 2.5.7	
	FI	rating	FI	rating
1 LD00- 3309	13	R	69	NR
2 IA4004	90	NR	90	NR
3 LD00- 2817P	1	HR	2	HR
4 LD02- 9050	11	R	86	NR
5 JTN-3109	1	HR	59	LR
6 K08-5026	6	HR	81	NR
7 K08-5125	8	HR	68	NR
8 K08-5230	11	R	80	NR
9 K08-5286	13	R	75	NR
10 K08-5349	18	R	99	NR
11 LD07-3679	2	HR	86	NR
12 LD07-3823	8	HR	81	NR
13 LD07-4366a	68	NR	71	NR
14 LD07-4368a	4	HR	81	NR
15 LS07-1343	48	LR	52	LR
16 LS07-1348	2	HR	39	MR
17 LS07-1934	1	HR	8	HR
18 LS07-1942	1	HR	24	**
19 LS07-2016	5	HR	58	LR
20 LS07-2773	1	HR	54	LR
21 LS07-2935	1	HR	78	NR
22 LS07-3070	11	R	77	NR
23 LS07-3107	24	R	75	NR
24 LS07-3125	8	HR	66	NR
25 LS07-3126	7	HR	89	NR
26 LS07-3131	7	HR	54	**
27 LS07-3141	6	HR	75	NR

\*\*too variable to rate



## 2010 SCN PRELIM TEST IV

### Summary

Strain	Locations	Yield				Maturity date	Lodging score	Height inches	Seed			
		Infested bu/a	rank	Non-infested bu/a	rank				quality score	weight g/100	protein @13%	oil @13%
		6		5		9	10	9	9	9	6	6
1	LD00- 3309	50.9	18	50.6	16	9/20	2.0	38	1.7	10.8	33.4	17.9
2	IA4004	49.3	24	50.7	15	-2	2.6	37	2.4	14.1	34.5	18.3
3	LD00- 2817P	53.7	6	50.5	18	7	2.2	42	1.9	11.6	31.4	18.5
4	LD02- 9050	49.4	23	49.6	20	-2	2.2	37	1.6	12.9	33.5	18.5
5	JTN-3109	28.7	27	21.7	27	0	3.3	36	1.9	8.9	34.1	16.3
6	K08-5026	55.4	4	51.4	13	5	2.3	38	1.9	13.4	33.8	17.9
7	K08-5125	53.7	6	50.5	18	7	2.4	43	1.8	13.6	33.9	18.2
8	K08-5230	51.4	16	52.2	10	6	2.4	39	1.7	13.3	34.1	18.1
9	K08-5286	50.5	20	48.6	22	2	2.5	42	1.9	11.7	34.5	17.7
10	K08-5349	51.1	17	46.2	25	0	2.4	37	1.9	11.2	33.8	18.0
11	LD07-3679	54.5	5	53.4	6	1	1.7	36	1.6	12.9	33.0	18.4
12	LD07-3823	51.5	15	52.8	8	1	1.9	36	1.8	12.6	32.6	18.5
13	LD07-4366a	55.5	3	51.8	11	3	2.2	40	1.8	13.4	32.8	18.9
14	LD07-4368a	48.1	25	48.8	21	2	1.8	38	1.7	10.7	32.5	18.9
15	LS07-1343	49.8	22	53.5	5	1	2.9	36	1.9	13.2	33.0	18.6
16	LS07-1348	53.6	8	46.6	24	1	2.0	41	2.1	12.7	34.3	17.9
17	LS07-1934	53.3	10	54.1	3	4	2.0	40	2.2	14.0	33.3	19.1
18	LS07-1942	52.8	12	53.7	4	5	1.8	42	2.2	14.2	33.2	18.7
19	LS07-2016	53.5	9	50.6	16	2	2.1	45	1.7	14.5	33.9	18.4
20	LS07-2773	47.3	26	46.0	26	6	2.0	39	1.6	13.8	34.2	18.4
21	LS07-2935	56.7	2	51.8	11	6	2.3	45	1.6	14.3	33.3	18.4
22	LS07-3070	52.7	13	53.3	7	4	2.1	43	2.2	15.9	34.0	18.7
23	LS07-3107	50.7	19	52.7	9	1	2.0	38	1.6	12.7	32.9	18.9
24	LS07-3125	53.0	11	54.6	2	3	1.7	38	1.6	12.3	33.0	18.7
25	LS07-3126	51.6	14	48.4	23	2	1.7	39	1.7	13.2	33.9	18.7
26	LS07-3131	56.8	1	55.8	1	6	1.9	41	1.7	13.8	33.4	18.9
27	LS07-3141	50.5	20	51.1	14	0	2.0	39	1.9	14.0	33.8	18.7

## 2010 SCN PRELIM TEST IV

### Yield (bu/a)

SCN HG Type	Belleville IL 2.5.7	Dowell IL 2.5.7	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Novelty MO I	
Strain							
1	LD00- 3309	50.2	55.2	64.7	45.5	35.8	54.0
2	IA4004	59.3	46.3	63.1	57.0	17.6	52.5
3	LD00- 2817P	65.1	52.9	61.7	51.9	34.2	56.7
4	LD02- 9050	57.0	55.7	61.3	26.9	38.1	57.1
5	JTN-3109	38.9	29.5	33.9	24.7	20.1	24.9
6	K08-5026	62.4	53.0	66.5	60.5	34.9	55.4
7	K08-5125	56.7	50.8	63.4	53.8	35.8	61.5
8	K08-5230	62.3	56.3	64.2	45.8	24.2	55.7
9	K08-5286	60.6	52.5	65.7	42.7	33.3	48.1
10	K08-5349	58.7	51.5	65.2	54.0	25.0	52.4
11	LD07-3679	63.1	57.7	74.6	49.5	28.1	53.9
12	LD07-3823	53.5	59.0	65.3	42.7	32.5	56.0
13	LD07-4366a	67.4	51.8	67.1	70.7	18.1	57.6
14	LD07-4368a	57.2	57.5	64.4	40.0	21.2	48.1
15	LS07-1343	60.4	54.8	64.2	36.6	30.8	51.8
16	LS07-1348	58.5	52.5	61.6	68.1	24.4	56.7
17	LS07-1934	61.3	56.4	63.7	58.8	20.7	58.8
18	LS07-1942	61.2	52.1	57.3	59.5	26.2	60.7
19	LS07-2016	69.5	51.0	65.3	52.4	30.8	52.1
20	LS07-2773	54.3	53.1	62.1	41.2	29.2	44.0
21	LS07-2935	69.8	57.4	71.5	54.1	23.5	63.9
22	LS07-3070	63.2	51.5	62.2	54.8	26.0	58.4
23	LS07-3107	49.3	56.2	66.6	46.4	21.4	64.2
24	LS07-3125	55.7	57.5	66.4	52.1	31.1	55.5
25	LS07-3126	62.7	54.0	65.4	41.1	33.7	52.9
26	LS07-3131	62.1	55.3	73.3	64.0	24.8	61.5
27	LS07-3141	62.0	49.0	64.1	47.2	19.4	61.2
Average							
		59.3	53.0	63.9	49.7	27.4	54.6
LSD(.05)							
		7.3	5.2	8.2	8.2	18.4	7.0
C.V. %							
		5.9	4.8	6.2	9.6	32.6	7.5
Replications							
		2	2	2	2	2	2
Row width (in.)							
		30	30	30	30	30	30

**2010 SCN PRELIM TEST IV**

**Yield (bu/a)**

SCN HG Type	Browns-	Harrisburg	Ottawa	Columbia	Jackson
	town IL NI	IL NI	KS NI	MO NI	TN NI
Strain					
1 LD00- 3309	53.8	60.0	34.8	52.9	51.6
2 IA4004	50.2	57.1	34.5	57.4	54.4
3 LD00- 2817P	56.7	51.8	42.1	49.7	52.3
4 LD02- 9050	52.1	59.5	34.7	53.9	47.7
5 JTN-3109	28.7	23.2	5.5	28.6	22.8
6 K08-5026	51.9	58.1	41.2	49.8	56.2
7 K08-5125	51.0	53.7	43.3	56.9	47.4
8 K08-5230	50.8	61.0	44.1	55.0	49.9
9 K08-5286	44.7	57.1	40.4	50.0	50.6
10 K08-5349	50.8	50.8	29.5	46.5	53.7
11 LD07-3679	61.6	61.5	36.1	54.6	53.3
12 LD07-3823	53.7	69.2	41.1	54.0	46.1
13 LD07-4366a	59.0	58.6	34.1	51.2	56.1
14 LD07-4368a	44.3	62.9	39.3	52.7	44.9
15 LS07-1343	51.2	61.5	42.2	56.6	55.8
16 LS07-1348	47.0	54.7	27.6	50.8	53.1
17 LS07-1934	49.9	60.5	42.8	55.7	61.8
18 LS07-1942	55.2	52.3	44.8	55.8	60.3
19 LS07-2016	51.0	52.8	36.8	52.0	60.5
20 LS07-2773	52.0	53.2	42.1	47.8	34.8
21 LS07-2935	56.2	56.1	40.5	55.1	51.0
22 LS07-3070	56.8	59.0	40.6	55.6	54.7
23 LS07-3107	61.8	64.4	34.8	57.1	45.4
24 LS07-3125	53.0	61.5	40.4	56.8	61.4
25 LS07-3126	49.9	51.3	38.7	49.6	52.6
26 LS07-3131	51.4	62.4	45.6	60.3	59.4
27 LS07-3141	53.7	60.0	36.4	52.6	52.8
Average	51.8	56.8	37.6	52.5	51.5
LSD(.05)	8.4	5.7	4.7	5.5	9.4
C.V. %	7.9	4.9	7.3	6.2	8.9
Replications	2	2	2	2	2
Row width (in.)	30	30	30	30	30

**2010 SCN PRELIM TEST IV**

**Yield (rank)**

	Belleville IL 2.5.7	Dowell IL 2.5.7	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Novelty MO I
Strain						
1 LD00- 3309	25	11	13	19	2	17
2 IA4004	16	26	20	7	27	20
3 LD00- 2817P	4	16	23	14	5	11
4 LD02- 9050	20	9	25	26	1	10
5 JTN-3109	27	27	27	27	24	27
6 K08-5026	8	15	6	4	4	16
7 K08-5125	21	24	19	11	2	3
8 K08-5230	9	7	15	18	19	14
9 K08-5286	14	17	8	20	7	24
10 K08-5349	17	21	12	10	16	21
11 LD07-3679	6	2	1	15	13	18
12 LD07-3823	24	1	11	20	8	13
13 LD07-4366a	3	20	4	1	26	9
14 LD07-4368a	19	4	14	24	22	24
15 LS07-1343	15	12	15	25	10	23
16 LS07-1348	18	17	24	2	18	11
17 LS07-1934	12	6	18	6	23	7
18 LS07-1942	13	19	26	5	14	6
19 LS07-2016	2	23	10	12	10	22
20 LS07-2773	23	14	22	22	12	26
21 LS07-2935	1	5	3	9	20	2
22 LS07-3070	5	21	21	8	15	8
23 LS07-3107	26	8	5	17	21	1
24 LS07-3125	22	3	7	13	9	15
25 LS07-3126	7	13	9	23	6	19
26 LS07-3131	10	10	2	3	17	3
27 LS07-3141	11	25	17	16	25	5

## 2010 SCN PRELIM TEST IV

### Yield (rank)

SCN HG Type	Browns-	Harrisburg	Ottawa	Columbia	Jackson
	town IL NI	IL NI	KS NI	MO NI	TN NI
Strain					
1 LD00- 3309	8	10	20	15	17
2 IA4004	21	17	23	2	10
3 LD00- 2817P	5	24	7	23	16
4 LD02- 9050	12	12	22	14	21
5 JTN-3109	27	27	27	27	27
6 K08-5026	14	15	9	22	6
7 K08-5125	17	20	4	4	22
8 K08-5230	19	8	3	11	20
9 K08-5286	25	16	13	21	19
10 K08-5349	19	26	25	26	11
11 LD07-3679	2	5	19	12	12
12 LD07-3823	9	1	10	13	23
13 LD07-4366a	3	14	24	19	7
14 LD07-4368a	26	3	15	16	25
15 LS07-1343	16	5	6	6	8
16 LS07-1348	24	19	26	20	13
17 LS07-1934	22	9	5	8	1
18 LS07-1942	7	23	2	7	4
19 LS07-2016	17	22	17	18	3
20 LS07-2773	13	21	7	25	26
21 LS07-2935	6	18	12	10	18
22 LS07-3070	4	13	11	9	9
23 LS07-3107	1	2	20	3	24
24 LS07-3125	11	5	13	5	2
25 LS07-3126	22	25	16	24	15
26 LS07-3131	15	4	1	1	5
27 LS07-3141	9	10	18	17	14

## 2010 SCN PRELIM TEST IV

### Maturity

		Belleville IL 2.5.7	Dowell IL 2.5.7	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Novelty MO I
Strain							
1	LD00- 3309	9/27	9/17	9/25	9/27	9/11	
2	IA4004	-3	-1	-5	0	-1	
3	LD00- 2817P	7	8	5	9	4	
4	LD02- 9050	-1	3	-3	-4	-3	
5	JTN-3109	-1	-2	-1	0	3	
6	K08-5026	5	5	3	10	3	
7	K08-5125	7	9	5	9	4	
8	K08-5230	8	7	4	2	2	
9	K08-5286	4	4	1	3	0	
10	K08-5349	-1	2	-1	-2	-3	
11	LD07-3679	1	2	4	3	-6	
12	LD07-3823	1	4	0	2	-1	
13	LD07-4366a	2	5	-1	8	-4	
14	LD07-4368a	1	5	-1	1	-1	
15	LS07-1343	1	6	-1	-3	-1	
16	LS07-1348	-1	4	-1	4	-6	
17	LS07-1934	4	6	5	9	-3	
18	LS07-1942	4	8	5	9	0	
19	LS07-2016	2	4	1	4	-3	
20	LS07-2773	6	9	5	4	1	
21	LS07-2935	6	9	5	8	-1	
22	LS07-3070	2	5	5	10	-5	
23	LS07-3107	-1	2	2	6	-6	
24	LS07-3125	2	4	3	7	-1	
25	LS07-3126	2	5	4	6	0	
26	LS07-3131	5	5	7	9	1	
27	LS07-3141	0	1	-1	1	-6	
	Planted	6/4	6/3	5/26	5/27	4/29	5/28

## 2010 SCN PRELIM TEST IV

### Maturity

SCN HG Type	Browns-	Harrisburg	Ottawa	Columbia	Jackson
	town IL NI	IL NI	KS NI	MO NI	TN NI
Strain					
1 LD00- 3309	9/20	9/12		9/23	9/16
2 IA4004	-2	-4		-3	3
3 LD00- 2817P	10	4		8	4
4 LD02- 9050	0	-2		-2	-2
5 JTN-3109	1	-1		-5	2
6 K08-5026	8	5		7	0
7 K08-5125	11	8		8	3
8 K08-5230	12	8		8	0
9 K08-5286	6	2		2	-1
10 K08-5349	3	-3		0	2
11 LD07-3679	6	-1		1	-1
12 LD07-3823	3	2		2	-2
13 LD07-4366a	6	1		4	3
14 LD07-4368a	6	3		4	-1
15 LS07-1343	3	2		2	-2
16 LS07-1348	5	1		0	-1
17 LS07-1934	8	5		5	-2
18 LS07-1942	8	6		5	2
19 LS07-2016	8	1		2	3
20 LS07-2773	12	6		6	4
21 LS07-2935	11	4		7	1
22 LS07-3070	8	4		3	4
23 LS07-3107	6	1		3	-3
24 LS07-3125	7	3		3	2
25 LS07-3126	4	2		1	-2
26 LS07-3131	10	7		6	0
27 LS07-3141	4	-2		2	-2
Planted	6/7	5/18	6/21	5/27	5/24

## 2010 SCN PRELIM TEST IV

### Lodging (score)

SCN HG Type	Belleville IL 2.5.7	Dowell IL 2.5.7	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Novelty MO I
Strain						
1	LD00- 3309	4.0	1.0	1.3	3.5	1.0
2	IA4004	3.5	1.5	1.8	3.7	1.0
3	LD00- 2817P	3.5	1.0	1.5	3.8	1.0
4	LD02- 9050	4.0	1.0	1.5	2.8	1.0
5	JTN-3109	4.0	3.0	3.0	2.7	2.0
6	K08-5026	3.5	2.0	2.3	3.0	1.0
7	K08-5125	3.0	2.0	1.8	4.0	2.0
8	K08-5230	4.0	2.0	2.3	3.2	1.0
9	K08-5286	4.0	2.0	2.0	3.7	1.0
10	K08-5349	4.0	2.0	2.0	2.7	1.0
11	LD07-3679	3.5	1.0	1.3	2.7	1.0
12	LD07-3823	4.0	1.0	1.0	2.8	1.0
13	LD07-4366a	4.0	2.0	1.5	4.1	1.0
14	LD07-4368a	3.0	1.0	1.0	3.3	1.0
15	LS07-1343	4.0	2.5	2.3	5.3	1.0
16	LS07-1348	2.5	1.5	1.5	2.7	1.0
17	LS07-1934	3.5	1.5	1.5	3.6	1.0
18	LS07-1942	2.5	1.5	1.5	3.1	1.0
19	LS07-2016	3.0	2.0	1.5	3.4	1.0
20	LS07-2773	4.0	1.0	1.3	3.0	1.0
21	LS07-2935	3.0	2.0	2.0	2.6	1.0
22	LS07-3070	4.0	2.0	1.5	3.3	1.0
23	LS07-3107	4.0	1.0	1.0	3.1	1.0
24	LS07-3125	3.0	1.0	1.0	3.2	1.0
25	LS07-3126	3.5	1.0	1.0	2.7	1.0
26	LS07-3131	3.5	1.0	1.5	2.7	1.0
27	LS07-3141	3.5	1.0	1.8	3.7	1.0



## 2010 SCN PRELIM TEST IV

### Lodging (score)

SCN HG Type	Browns-	Harrisburg	Ottawa	Columbia	Jackson
	town IL NI	IL NI	KS NI	MO NI	TN NI
Strain					
1 LD00- 3309	1.8	1.0	1.1	2.0	3.5
2 IA4004	3.5	2.0	1.2	3.5	4.0
3 LD00- 2817P	2.3	2.0	1.0	3.0	3.0
4 LD02- 9050	1.5	3.0	1.0	2.5	4.0
5 JTN-3109	3.8	4.0	1.5	4.0	4.5
6 K08-5026	2.5	2.0	1.0	2.5	3.5
7 K08-5125	1.8	2.0	1.0	3.0	3.0
8 K08-5230	2.3	2.0	1.1	3.0	3.0
9 K08-5286	2.3	2.0	1.0	3.0	3.5
10 K08-5349	2.8	2.0	1.0	2.0	4.0
11 LD07-3679	1.3	1.0	1.0	1.5	3.0
12 LD07-3823	1.5	2.0	1.0	1.5	3.5
13 LD07-4366a	2.0	1.5	1.0	2.0	2.5
14 LD07-4368a	1.0	1.0	1.0	2.0	3.5
15 LS07-1343	2.5	4.0	1.0	2.0	4.5
16 LS07-1348	2.5	2.0	1.0	2.0	3.0
17 LS07-1934	1.5	1.5	1.0	2.5	2.5
18 LS07-1942	1.5	1.5	1.0	2.0	2.0
19 LS07-2016	1.8	2.0	1.1	3.0	2.5
20 LS07-2773	1.5	1.5	1.1	2.0	4.0
21 LS07-2935	2.3	2.0	1.0	3.5	3.5
22 LS07-3070	1.5	2.0	1.0	2.0	3.0
23 LS07-3107	1.5	1.0	1.0	2.5	4.0
24 LS07-3125	1.5	1.0	1.0	1.5	2.5
25 LS07-3126	1.5	1.0	1.2	2.0	2.5
26 LS07-3131	1.5	1.5	1.0	2.0	3.0
27 LS07-3141	1.8	1.0	1.0	2.0	3.0

## 2010 SCN PRELIM TEST IV

### Height (inches)

SCN HG Type	Belleville IL 2.5.7	Dowell IL 2.5.7	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Novelty MO I
Strain						
1 LD00- 3309	47	37	41	47	25	
2 IA4004	45	36	39	43	20	
3 LD00- 2817P	48	44	41	51	28	
4 LD02- 9050	42	36	34	42	27	
5 JTN-3109	39	42	32	31	27	
6 K08-5026	43	41	38	40	25	
7 K08-5125	49	45	45	51	27	
8 K08-5230	47	42	40	43	24	
9 K08-5286	53	42	43	42	22	
10 K08-5349	43	44	42	37	23	
11 LD07-3679	47	38	39	36	18	
12 LD07-3823	45	36	37	39	22	
13 LD07-4366a	49	43	42	44	22	
14 LD07-4368a	45	37	38	47	23	
15 LS07-1343	40	37	35	42	22	
16 LS07-1348	49	43	41	45	21	
17 LS07-1934	49	45	39	44	21	
18 LS07-1942	48	45	43	50	22	
19 LS07-2016	50	49	48	52	27	
20 LS07-2773	45	39	42	42	24	
21 LS07-2935	55	44	43	55	27	
22 LS07-3070	50	49	45	42	16	
23 LS07-3107	43	37	38	45	26	
24 LS07-3125	45	38	41	47	23	
25 LS07-3126	45	37	39	49	28	
26 LS07-3131	48	42	41	52	20	
27 LS07-3141	49	39	40	38	22	

**2010 SCN PRELIM TEST IV**

**Height (inches)**

SCN HG Type	Browns-	Harrisburg	Ottawa	Columbia	Jackson
	town IL NI	IL NI	KS NI	MO NI	TN NI
Strain					
1 LD00- 3309	42	43	25		40
2 IA4004	40	47	25		41
3 LD00- 2817P	44	51	29		46
4 LD02- 9050	36	42	25		45
5 JTN-3109	42	42	27		47
6 K08-5026	37	45	29		48
7 K08-5125	43	48	32		47
8 K08-5230	40	45	30		43
9 K08-5286	43	50	31		48
10 K08-5349	39	46	26		37
11 LD07-3679	40	43	27		39
12 LD07-3823	37	43	24		40
13 LD07-4366a	44	50	28		41
14 LD07-4368a	36	46	24		46
15 LS07-1343	39	41	25		42
16 LS07-1348	44	47	29		49
17 LS07-1934	45	45	27		43
18 LS07-1942	48	51	29		45
19 LS07-2016	47	53	32		51
20 LS07-2773	40	45	31		40
21 LS07-2935	49	52	31		51
22 LS07-3070	46	52	33		51
23 LS07-3107	38	39	27		46
24 LS07-3125	35	46	25		45
25 LS07-3126	40	44	27		45
26 LS07-3131	41	47	27		48
27 LS07-3141	43	47	32		45

## 2010 SCN PRELIM TEST IV

### Seed Quality (score)

SCN HG Type	Belleville IL 2.5.7	Dowell IL 2.5.7	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Novelty MO I
Strain						
1	LD00- 3309	1.0	1.0	1.0	2.0	3.0
2	IA4004	2.0	2.0	1.0	3.0	3.0
3	LD00- 2817P	1.0	1.0	1.0	2.0	3.0
4	LD02- 9050	1.0	1.0	1.0	2.0	3.0
5	JTN-3109	1.0	2.0	1.0	2.0	3.0
6	K08-5026	2.0	1.0	1.0	2.0	3.0
7	K08-5125	1.0	1.0	1.0	2.0	3.0
8	K08-5230	1.0	1.0	1.0	2.0	3.0
9	K08-5286	1.0	1.0	1.0	2.0	3.0
10	K08-5349	1.0	1.0	1.0	2.0	3.0
11	LD07-3679	1.0	1.0	1.0	2.0	2.0
12	LD07-3823	1.0	2.0	1.0	2.0	3.0
13	LD07-4366a	1.0	1.0	1.0	2.0	3.0
14	LD07-4368a	1.0	1.0	1.0	2.0	4.0
15	LS07-1343	2.0	1.0	1.0	2.0	3.0
16	LS07-1348	2.0	1.0	2.0	2.0	3.0
17	LS07-1934	1.0	2.0	1.0	3.0	3.0
18	LS07-1942	2.0	3.0	1.0	3.0	3.0
19	LS07-2016	1.0	1.0	1.0	2.0	2.0
20	LS07-2773	1.0	1.0	1.0	2.0	2.0
21	LS07-2935	1.0	1.0	1.0	2.0	2.0
22	LS07-3070	2.0	1.0	1.0	2.0	3.0
23	LS07-3107	1.0	1.0	1.0	2.0	3.0
24	LS07-3125	1.0	1.0	1.0	2.0	3.0
25	LS07-3126	1.0	1.0	1.0	2.0	2.0
26	LS07-3131	1.0	1.0	1.0	2.0	3.0
27	LS07-3141	1.0	1.0	1.0	2.0	2.0

## 2010 SCN PRELIM TEST IV

### Seed Quality (score)

SCN HG Type	Browns-	Harrisburg	Ottawa	Columbia	Jackson
	town IL NI	IL NI	KS NI	MO NI	TN NI
Strain					
1 LD00- 3309	1.0	1.0	2.0		3.0
2 IA4004	3.0	2.0	2.0		4.0
3 LD00- 2817P	2.0	2.0	2.0		3.5
4 LD02- 9050	1.0	1.0	2.0		2.5
5 JTN-3109	1.0	2.0	2.0		3.0
6 K08-5026	3.0	1.0	2.0		2.5
7 K08-5125	2.0	1.0	2.0		3.0
8 K08-5230	2.0	1.0	2.0		2.5
9 K08-5286	3.0	1.0	2.0		3.0
10 K08-5349	2.0	2.0	2.0		3.0
11 LD07-3679	1.0	2.0	2.0		2.0
12 LD07-3823	1.0	2.0	2.0		2.5
13 LD07-4366a	1.0	2.0	2.0		3.0
14 LD07-4368a	1.0	1.0	2.0		2.0
15 LS07-1343	3.0	1.0	2.0		2.0
16 LS07-1348	2.0	2.0	2.0		3.0
17 LS07-1934	3.0	2.0	2.0		3.0
18 LS07-1942	1.0	2.0	2.0		3.0
19 LS07-2016	2.0	1.0	2.0		3.0
20 LS07-2773	2.0	1.0	2.0		2.0
21 LS07-2935	2.0	1.0	2.0		2.0
22 LS07-3070	2.0	2.0	3.0		3.5
23 LS07-3107	1.0	1.0	2.0		2.0
24 LS07-3125	1.0	1.0	2.0		2.0
25 LS07-3126	2.0	2.0	2.0		2.5
26 LS07-3131	2.0	1.0	2.0		2.0
27 LS07-3141	2.0	3.0	2.0		3.0

## 2010 SCN PRELIM TEST IV

### Seed Weight (g/100)

SCN HG Type	Belleville IL 2.5.7	Dowell IL 2.5.7	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Novelty MO I
Strain						
1 LD00- 3309	11.4	10.3	10.5	11.9	9.2	
2 IA4004	15.7	14.7	13.1	15.4	11.1	
3 LD00- 2817P	13.0	11.3	11.2	12.6	8.8	
4 LD02- 9050	13.3	14.1	12.0	12.0	11.9	
5 JTN-3109	8.8	8.9	9.4	9.5	7.3	
6 K08-5026	13.5	13.5	13.1	14.4	11.1	
7 K08-5125	13.3	13.9	13.5	15.4	9.0	
8 K08-5230	13.3	13.5	13.6	14.4	8.7	
9 K08-5286	12.1	12.0	11.2	12.2	9.9	
10 K08-5349	11.4	12.6	11.8	11.3	7.9	
11 LD07-3679	13.6	12.5	12.7	13.3	11.6	
12 LD07-3823	12.6	12.7	13.2	13.6	10.1	
13 LD07-4366a	14.7	13.8	12.6	14.6	9.4	
14 LD07-4368a	10.5	10.4	10.7	11.9	8.0	
15 LS07-1343	13.8	13.7	12.2	13.3	12.2	
16 LS07-1348	12.0	12.8	11.9	14.1	11.7	
17 LS07-1934	15.2	14.5	13.1	14.4	11.0	
18 LS07-1942	15.1	14.1	13.2	14.2	11.8	
19 LS07-2016	14.8	14.3	13.6	15.1	12.8	
20 LS07-2773	14.5	12.9	12.3	15.2	11.1	
21 LS07-2935	14.7	15.0	14.2	14.6	12.1	
22 LS07-3070	16.1	16.3	15.4	15.7	10.1	
23 LS07-3107	13.3	12.1	13.0	13.4	10.0	
24 LS07-3125	12.4	12.5	11.7	14.1	9.5	
25 LS07-3126	13.5	12.4	13.3	14.4	11.3	
26 LS07-3131	14.0	13.6	13.9	14.7	8.8	
27 LS07-3141	14.0	15.6	14.1	14.2	9.7	

**2010 SCN PRELIM TEST IV**

**Seed Weight (g/100)**

SCN HG Type	Browns-	Harrisburg	Ottawa	Columbia	Jackson
	town IL NI	IL NI	KS NI	MO NI	TN NI
Strain					
1 LD00- 3309	11.7	9.0	12.6		10.7
2 IA4004	15.0	11.7	15.1		15.5
3 LD00- 2817P	12.4	8.6	15.0		11.4
4 LD02- 9050	13.2	11.6	14.1		13.5
5 JTN-3109	10.7	7.9	9.0		9.0
6 K08-5026	13.6	11.2	16.8		13.0
7 K08-5125	15.0	11.1	17.0		13.8
8 K08-5230	15.5	11.6	16.5		12.6
9 K08-5286	12.9	9.0	14.0		11.9
10 K08-5349	12.9	9.4	12.0		11.8
11 LD07-3679	13.6	11.2	16.1		11.6
12 LD07-3823	13.1	10.9	15.8		11.2
13 LD07-4366a	13.9	11.3	16.0		14.2
14 LD07-4368a	11.9	9.3	13.5		10.3
15 LS07-1343	13.1	11.2	15.8		13.8
16 LS07-1348	13.4	11.0	14.7		12.6
17 LS07-1934	15.1	11.9	16.9		14.3
18 LS07-1942	15.9	11.6	17.4		14.5
19 LS07-2016	16.3	11.0	17.1		15.3
20 LS07-2773	15.1	10.9	17.8		14.1
21 LS07-2935	16.1	11.7	17.4		13.0
22 LS07-3070	17.2	15.0	18.2		19.1
23 LS07-3107	13.7	11.2	15.5		11.8
24 LS07-3125	13.4	10.8	14.6		11.7
25 LS07-3126	14.5	10.4	15.9		12.8
26 LS07-3131	15.6	11.5	18.3		13.5
27 LS07-3141	15.1	13.0	16.0		13.9

## 2010 SCN PRELIM TEST IV

### Protein (%)

SCN HG Type	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Browns- town IL NI	Harrisburg IL NI	Jackson TN NI
Strain						
1 LD00- 3309	32.6	36.1	31.5	33.2	32.0	35.0
2 IA4004	35.3	36.3	31.8	34.8	32.7	36.2
3 LD00- 2817P	30.5	33.6	28.2	32.3	31.2	32.6
4 LD02- 9050	32.7	34.8	33.2	33.6	32.6	33.8
5 JTN-3109	33.5	35.6	32.9	34.8	33.1	34.8
6 K08-5026	34.1	35.9	32.0	33.8	32.9	34.4
7 K08-5125	33.5	36.0	32.0	34.0	33.1	35.0
8 K08-5230	33.7	35.9	31.2	34.6	33.7	35.4
9 K08-5286	34.1	36.7	32.3	35.1	32.8	36.0
10 K08-5349	33.9	35.5	31.6	34.6	32.1	34.8
11 LD07-3679	33.5	35.2	30.9	32.8	31.8	33.9
12 LD07-3823	32.6	34.8	29.9	32.6	32.1	33.8
13 LD07-4366a	33.1	34.1	29.1	33.4	32.2	34.7
14 LD07-4368a	32.7	35.0	30.2	32.9	31.4	32.7
15 LS07-1343	32.8	35.2	31.9	32.7	31.4	33.8
16 LS07-1348	34.5	35.8	33.1	34.1	33.0	35.1
17 LS07-1934	34.3	35.4	30.5	33.4	32.4	34.0
18 LS07-1942	32.7	34.9	30.4	33.8	33.3	34.1
19 LS07-2016	34.1	35.3	31.0	34.1	33.2	35.9
20 LS07-2773	34.1	36.3	31.3	34.3	33.6	35.5
21 LS07-2935	33.6	34.7	29.7	34.1	32.6	34.9
22 LS07-3070	35.0	36.2	28.8	34.7	33.1	36.1
23 LS07-3107	33.4	34.6	30.0	34.2	31.6	33.7
24 LS07-3125	33.3	35.1	30.4	32.9	32.4	33.7
25 LS07-3126	34.4	36.8	30.4	34.0	32.9	35.0
26 LS07-3131	34.4	35.8	29.4	33.9	33.1	34.1
27 LS07-3141	34.9	35.9	30.2	34.7	32.5	34.6



## 2010 SCN PRELIM TEST IV

### Oil (%)

SCN HG Type	Urbana IL 7	Ashland T KS 2.7	Clarkton MO 1.2.5.7	Browns- town IL NI	Harrisburg IL NI	Jackson TN NI
Strain						
1 LD00- 3309	17.5	18.7	18.3	17.9	18.4	16.5
2 IA4004	17.9	18.0	19.3	18.0	19.4	17.3
3 LD00- 2817P	18.5	18.5	19.8	18.5	18.1	17.8
4 LD02- 9050	18.0	19.1	18.2	18.4	19.3	17.8
5 JTN-3109	15.7	16.9	16.2	16.4	16.6	15.7
6 K08-5026	17.5	18.5	18.4	18.1	18.3	16.9
7 K08-5125	18.1	18.4	18.9	18.2	18.7	16.7
8 K08-5230	17.7	19.1	18.8	18.2	18.2	16.9
9 K08-5286	17.8	18.0	18.3	17.7	18.1	16.2
10 K08-5349	18.1	18.1	18.3	18.0	18.4	16.8
11 LD07-3679	18.1	18.2	19.6	18.5	19.2	17.0
12 LD07-3823	18.6	18.8	19.4	18.7	19.0	16.7
13 LD07-4366a	17.9	18.9	20.3	18.8	19.3	18.3
14 LD07-4368a	18.1	18.7	19.4	19.4	19.7	18.2
15 LS07-1343	18.0	18.3	19.1	18.8	19.8	17.7
16 LS07-1348	17.1	17.8	19.3	18.3	18.3	16.6
17 LS07-1934	19.2	18.8	20.4	18.5	20.0	18.0
18 LS07-1942	18.6	18.8	19.9	18.8	18.9	17.4
19 LS07-2016	18.0	19.1	20.7	18.1	18.9	15.7
20 LS07-2773	18.3	19.1	19.3	18.3	18.3	17.0
21 LS07-2935	17.5	18.2	20.9	17.2	18.3	18.2
22 LS07-3070	17.5	18.3	21.4	18.2	19.7	16.9
23 LS07-3107	18.7	18.6	20.1	18.2	19.9	17.8
24 LS07-3125	18.5	18.9	20.2	19.4	17.4	17.8
25 LS07-3126	18.1	18.9	20.1	19.3	19.1	17.0
26 LS07-3131	19.0	18.5	20.2	18.9	18.9	17.8
27 LS07-3141	18.3	18.8	20.3	18.2	19.1	17.8