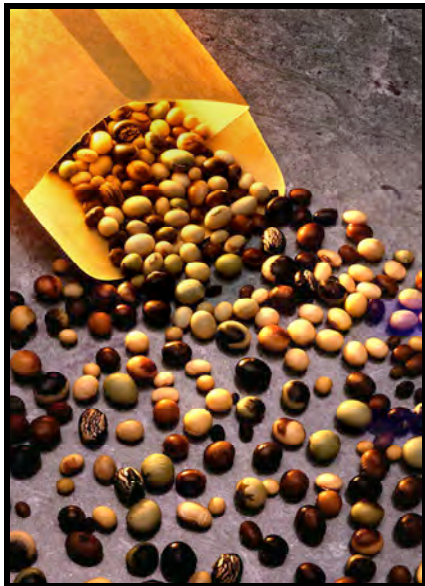


THE UNIFORM SOYBEAN TESTS

NORTHERN REGION

2008



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
WEST LAFAYETTE, INDIANA

COOPERATING WITH
STATE AGRICULTURAL EXPERIMENT STATIONS
NORTHERN STATES



Agriculture
Research
Service
www.ars.usda.gov

UNIFORM SOYBEAN TESTS

NORTHERN STATES

2008

USDA-ARS
Crop Production and Pest Control Research Unit
Department of Botany and Plant Pathology
Purdue University
915 West State St.
West Lafayette, IN 47907

COORDINATED BY:

T. Scott Abney
Wad D. Crochet

The USDA-Agricultural Research Service does not vouch for the authenticity of either the parentage or ancestry of entries in the Uniform Soybean Tests. This agency is not responsible for the accuracy of data submitted to and included in The Uniform Test Report.

All programs and services of the U. S. Department of Agriculture are offered on a nondiscriminatory basis without regard to race, national origin, religion, sex, age, marital status, or handicap.

RR refers to Roundup Ready®. Roundup Ready® is a registered trademark of Monsanto Technology LLC.

2008 UNIFORM SOYBEAN TESTS NORTHERN STATES

Data Compiled by:

Wad D. Crochet
USDA-ARS Crop Production and Pest Control Research Unit
Purdue University, W. Lafayette, IN 47907-1150
Office phone 765-583-2952
FAX 765-496-3452
Email: wcrochet@purdue.edu
<http://www.btny.purdue.edu/pubs/#usda>

TABLE OF CONTENTS

Uniform Test Participants, 2008	1
Introduction	7
Policy on Evaluation and Release of Strains	7
Strain Designations	8
Methods	9
Disease Methods	11
Procedure for Testing and Release of Strains	12
Uniform Test Strains Released in 2008	14
Soybean Cyst Nematode Evaluations	15
Identification of Parent Strains 2008	19
Disease, Shattering, and Descriptive Data 2008	29
Uniform Test Locations 2008	30
Uniform Test 00	32
Uniform Test 0	45
Preliminary Test 0	58
Uniform Test I	70
Preliminary Test I	83
Uniform Test II	102
Preliminary Test IIA	124
Preliminary Test IIB	143
Uniform Test III	162
Preliminary Test IIIA	181
Preliminary Test IIIB	200
Uniform Test IV	219
Uniform Test 00-RR	239
Uniform Test 0-RR	247
Preliminary Test 0-RR	260
Uniform Test I-RR	272
Uniform Test II-RR	292
Preliminary Test II-RR	305
Preliminary Test III-RR	317
Uniform Test IV-RR	336

ACKNOWLEDGEMENTS

The cooperation of JoDean Sarins, Cynthia Ruder, and Dr. Warren Rayford, NCAUR Unit Laboratory, Peoria, Illinois, in analyses of samples for protein and oil content, and the collaboration of Dr. Terri Niblack, Dept. of Crop Science, University of Illinois, in evaluations of Uniform Test Samples for Soybean Cyst Nematode is gratefully acknowledged. The assistance of Brian Foss, Debra Hall, and Caroline Logan in packeting, and distributing seed is sincerely appreciated.

The Uniform Soybean Test is conducted and managed as a component of a CRIS project on Enhancing Resistance to Root Rot Pathogens of Soybeans in the USDA-ARS Crop Production and Pest Control Unit at West Lafayette, Indiana. The lead scientist for the CRIS Unit is Dr. Scott Abney.

2008 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Gary R. Ablett
Ridgetown College
Main Street East
Ridgetown, Ontario
Canada NOP 2CO
Ph: 519-674-1630
Fax: 519-674-1640
Email: gablett@ridgetownc.uoguelph.ca

T. Scott Abney, USDA-ARS
Dept. of Botany and Plant Pathology
Purdue University
West Lafayette, IN 47907-1155
Ph: 765-494-9859
Fax: 765-496-3452
Email: abney@.purdue.edu

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

Al Sloan
Agriculture and Agri-food Canada
Morden Research Center
Unit 100-101 Route 100
Morden, Manitoba
Canada R6M 1Y5
Ph: 204-822-7262
FAX: 204-822-7207
Email: asloan@agr.gc.ca

Elroy R. Cober
Agriculture and Agri-Food Canada
Eastern Cereal and Oilseed Research Centre
960 Carling Ave.
Ottawa, Ontario
Canada K1A 0C6
Ph: 613-759-1610
Fax: 613-715-5399
E-mail: coberer@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

Technical Contact:

Dennis Fischer
Ridgetown College
Main Street East
Ridgetown, Ontario
Canada NOP 2CO
Ph: 519-674-1598
Fax: 519-674-1600
Email: dfischer@ridgetownc.uoguelph.ca

Wad Crochet, USDA-ARS
USDA Soybean Research Lab.
4540 Hwy. 52 West
West Lafayette, IN 47906
Ph: 765-583-2952
Fax: 765-496-3452
Email: wcrochet@purdue.edu

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
Eastern Cereal and Oilseed Research Centre
Bldg. # 110, 960 Carling Ave.
Ottawa, Ontario
Canada K1A 0C6
Ph: 613-759-1611
Fax: 613-715-5399
E-mail: guillemetr@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

2008 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

Thomas E. Devine, USDA-ARS
SASL, Bldg. 001,
BARC West
10300 Baltimore Ave.
Beltsville, MD 20705
Ph: 301-504-6375
Email: devinet@ba.ars.usda.gov

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@uiuc.edu

Walt R. Fehr
Department of Agronomy, Rm 1212
Iowa State University
Ames, IA 50011-1010
Ph: 515-294-6865
Fax: 515-294-6514
Email: wfehr@iastate.edu

George L. Graef
319 Keim Hall
University of Nebraska-Lincoln
Lincoln, NE 68583-0915
Phone: 402-472-1537 Fax: 402-472-6343
Fax: 402-472-6343
E-mail: ggraef@unl.edu

Ted Helms
Department of Plant Sciences
North Bolley Drive
North Dakota State University
Fargo, ND 58105-5051
Phone: 701-231-8136
Fax: 701-231-8474
E-mail: ted.helms@ndsu.nodak.edu

Stella A. Kantartzi
Department of Plant & Soil Science
Mailcode 4415
Southern Illinois University
Carbondale, IL 62901
Phone: 618-453-1793
Fax: 618-453-7457
E-mail: kantart@siu.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@uiuc.edu

Kevin Scholbrock
1210 Agronomy Hall
Iowa State University
Ames, IA 50011-1010
Ph: 515-294-0726
Fax: 515-294-6514
Email: kscholbr@iastate.edu

Les Korte
107 SSL - UNL
2100 North 39th St.
Lincoln, NE 68583-0827
Phone: 402-472-6343
Fax: 402-472-7904
E-mail: lkorte@unl.edu

Larry Martin
AES Plant Science
212B Waldron Hall
North Dakota State University
Fargo, ND 58105-5051
Ph: 701-231-8871
Email: larry.martin@ndsu.nodak.edu

Jim Klein
SIU Ag Research Center
3268 West Pleasant Hill Rd.
Carbondale, IL 62903
Phone: 618-453-2453
Fax: 618-453-8906
E-mail: jklein@siu.edu

2008 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

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: wkenwort@umd.edu

Allen LeRoy
Department of Agronomy
1150 Lilly Hall
Purdue University
West Lafayette, IN 47907-1158
Phone: 765-496-3756
Fax: 765-496-2926
E-mail: leroya@purdue.edu

Rouf M. A. Mian
OARDC-OSU
1680 Madison Ave.
Wooster, OH 44691
Phone: 330-263-3672
Fax: 330-263-3887
E-mail: Rouf.Mian@ars.usda.gov

Terry Niblack
Department of Crop Sciences
University of Illinois
1102 S. Goodwin Ave.
Urbana, IL 61801
Phone: 217-244-5940
Fax: 217-333-9817
E-mail: tniblack@uiuc.edu

Randy L. Nelson, USDA-ARS
National Soybean Research Lab.
1101 W. Peabody Dr.
Urbana, IL 61801
Ph: 217-244-4346
Fax: 217-333-4639
Email: rlnelson@uiuc.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: orffx001@umn.edu

Shane Gretencord
Department of Agronomy
Lilly Hall
Purdue University
West Lafayette, IN 47907-1158
Phone: 765-496-1557
Fax: 765-496-2926
E-mail: sgretenc@purdue.edu

Tim Mendiola
OARDC-OSU
1680 Madison Ave.
Wooster, OH 44691
Phone: 330-263-3974
Fax: 330-263-3887
Email: Tim.Mendiola@ars.usda.gov

Kamron Colgrove
Department of Crop Sciences
University of Illinois
1102 S. Goodwin Ave.
Urbana, IL 61801
Phone: 217-244-9057
Fax: 217-333-9817
Email: colgrove@uiuc.edu

Edward Johnson, USDA-ARS
Department of Crop Sciences
1101 West Peabody Dr.
University of Illinois
Urbana, IL 61801
Ph: 217-244-4348 Fax: 217-333-4639
Email: eddiej@uiuc.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

2008 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

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

Vaino Poysa
Agriculture & Agri-Food Canada
Greenhouse and Processing Crops Research Centre
Harrow, Ontario
Canada N0R 1G0
Ph. 519-738-2251 ext. 467
Fax: 519-738-2929
Email: poysav@poysav@agr.gc.ca

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
Phone: 785-532-7242
Fax: 785-532-6094
E-mail: wts@ksu.edu

Roy Scott
Plant Science Department
NPB 247, Box 2140C
South Dakota State University
Brookings, SD 57007
Phone: 605-688-4749
Fax: 605-688-4452
E-mail: roy.scott@sdstate.edu

Technical Contact:

Eugene Lacefield
N222C Ag Sci Bldg-North
Department of Agronomy
University of Kentucky
Lexington, KY 40546-0091
Phone: 859-257-2993
Fax: 859-323-1952
Email: elace0@uky.edu

Bob Armstrong
Agriculture & Agri-Food Canada
Greenhouse and Processing Crops Research Centre
Harrow, Ontario
Canada N0R 1G0
Ph. 519-738-2251 ext. 445
Fax: 519-738-2929
Email: armstrongb@agr.gc.ca

Wade Montminy
Dept. of Plant Agriculture, Crop Sci. Bldg
University of Guelph
Guelph, Ontario
Canada N1G 2W1
Phone: 519-824-4120 ext. 58508
Email: montminy@uoguelph.ca

Marci Green
South Dakota State University
Plant Science Department
Brookings, SD 57007
Phone: 605-688-4949
E-mail: marci.green@sdstate.edu

Matthew Caron
SDSU
NPB 247, Box 2140C
Brookings, SD 57007
Ph: 605-688-4215
Email: matthew.caron@sdstate.edu

2008 UNIFORM TEST PARTICIPANTS

Uniform Test 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

Steve K. St. Martin
Dept. of Horticulture and Crop Science
202 Koffman Hall, 2021 Coffey Rd.
Ohio State University
Columbus, OH 43210
Ph: 614-292-8499
Fax: 614-292-7162
Email: stmartin.1@osu.edu

Pierre Turcotte
Centre de recherches sur les grains inc. (CEROM)
740 Chemin Trdeau
Saint-Mathieu-de-Beloeil (Quebec)
Canada J3G 2E0
Ph: 450-464-2715 ext. 228
FAX: 450-464-8767*
Email: pierre.turcotte@cerom.qc.ca

Jérôme Auclair
La Coop Fédérée
15050, Chemin de la Fédérée
Saint-Hyacinthe, Quebec
Canada J2R 1J2
Ph: 450-799-2326 x32
Fax: 450-799-2328
Email: jerome.auclair@lacoop.coop

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: 573-884-4562
E-mail: clarkk@missouri.edu

Marcia Feller
Dept. of Horticulture and Crop Science
202 Koffman Hall, 2021 Coffey Rd.
Ohio State University
Columbus, OH 43210
Ph: 614-292-2124
Fax: 614-292-7162
Email: feller.13@osu.edu

Scott McIntyre
Dept. of Horticulture and Crop Science
1680 Madison Ave.
OARDC-OSU
Wooster, OH 44691
Ph: 330-263-3974
Fax: 330-263-3887
Email: mcintyre.31@osu.edu

Karine Dubé
La Coop Fédérée
19235, Avenue St. Louis
Saint-Hyacinthe, Quebec
J2T 5J4
Ph: 450-799-2326- poste 236
Fax: 450-773-3381
Email: karine.dube@lacoop.coop

2008 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

Robert Uniatowski
Dept. of Plant and Soil Science
University of Delaware
Townsend Hall Rm. 154C
Newark, DE 19716-2170
Ph: 302-831-1370
FAX: 302-831-3656
Email: bobuni@udel.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

Warren Rayford
NCAUR-ARS
Room 3221
1815 N. University St.
Peoria, IL 61605
Ph: 309-681-6423
FAX:
Email: Warren.Rayford@ars.usda.gov

Thomas E. Chase
South Dakota State University
Plant Science Department
Box 2108
Brookings, SD 57007
Ph: 605-688-5146
Fax: 605-688-4024
Email: thomas.chase@sdstate.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

Jo Dean Sarins
New Crops Processing
NCAUR-ARS, Room 2236
1815 N. University St.
Peoria, IL 61605
Ph: 309-681-6109/6107
FAX:
Email: JoDean.Sarins@ars.usda.gov

INTRODUCTION

The purpose of The Uniform Soybean Tests is to critically evaluate the best of the experimental soybean lines developed by federal and state research personnel in the U.S. and Canada, for their potential release as new varieties.

A test is established for each of ten maturity groups. Uniform Test 00 includes maturity Group 00 strains adapted to production in the northern fringe of the present area of soybean production. Uniform Tests 0 through IV include later maturing strains adapted to locations progressively further south in the North Central States and areas of similar latitude. Each year new selections are added and others that have been sufficiently tested are dropped from the tests. The summary of performance of strains in Uniform Tests 00 through IV in the northern region is included in this report. The USDA-ARS Soybean Production Research Unit, P.O. BOX 196, STONEVILLE, MS 38776, issues the report on Uniform Tests IVS through VIII in the southern states.

Data from the Uniform Soybean Tests are the basis for decisions on the regional release of soybean varieties. Preliminary Tests are grown at a limited number of locations throughout the region to evaluate the experimental strains for one year before they are entered in the Uniform Tests. Uniform Tests are grown at more locations with more replications than Preliminary Tests.

The Uniform Soybean Test Report is a progress report containing statements, which may or may not be verified by subsequent experiments. Statements or data in the report, therefore, should not be published unless those concerned have obtained permission previously.

The USDA-Agricultural Research Service does not vouch for the authenticity of either the parentage or ancestry of entries in the Uniform Soybean Tests. This agency is not responsible for the accuracy of data submitted to and included in The Uniform Test Report.

Participants of the Uniform Soybean Tests at the annual meeting in February 2002 unanimously voted to amend the policy for evaluation of soybean strains. The primary change in policy focused on the inclusion of proprietary and/or transgenic strains in the tests. Emphasis was placed on having breeders currently using 'Roundup Ready' germplasm that is licensed with Monsanto contact Monsanto representative(s) to confirm if the current agreement permits evaluation of RR strains in the Uniform Soybean Tests. Information obtained by the ad hoc committee of southern (B. Paris, B. Kenworthy, & G. Busse) and northern (B. Schapaugh, D. Sleeper & R. Scott) participants and guidance from Dr. Rich Wilson, USDA-ARS, NPS-Oilseeds & Bioscience, permitted evaluation of RR germplasm in the 2002 Southern Uniform Soybean Tests; northern participants elected to delay testing of RR strains until 2003. Also, since the southern and northern participants chose to establish 'Combined tests' (including both proprietary and/or transgenic and conventional strains) vs. 'Separate tests', respectfully, the two working groups established guidelines for amending the policy on evaluation somewhat independently. Modifications identified in the 2002 and 2004 business meetings of the northern participants are included in the following policy information.

Northern Region UT – POLICY ON EVALUATION AND RELEASE OF STRAINS

Qualifications for inclusion in the Uniform 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 proprietary entries depends on whether 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 that are used as parents in the development of lines included in the Uniform Tests.

Use of Uniform 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 in 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, as a recurrent parent in backcrossing, 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 sections two and three.

Release of Uniform Test entries.

Entries in the Uniform Tests are released according to the policy of the originating institution (USDA-Agricultural Research Service and State Agricultural Experiment Station or Canadian government).

STRAIN DESIGNATIONS

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

A	Iowa A.E.S.
Ar	Arizona A.E.S.
Au	Alabama A. E. S.
B	California
C	Purdue (Indiana) A.R.P. (C=J.R. Wilcox, CL=A. LeRoy)
CM	Canada Dept. of Agriculture, Morden, Manitoba
D	Mississippi A.E.S.
E	Michigan A.E.S.
F	Florida A.E.S.
FC	Forage and Range Research Branch, USDA
Ga	Georgia A.E.S.
H	Ohio A.R.D.C. (HC=R.L. Cooper, HF=R. Fioritto, HS=S.K. St. Martin)
K	Kansas A.E.S.
Ky	Kentucky A.E.S.
L	Illinois A.E.S. (LD=B. Diers, LG=R.L. Nelson, LN=C.D. Nickell, LS=M. Schmidt)
La	Louisiana A.E.S.
LS	Southern Illinois University
M	Minnesota A.E.S.
Md	Maryland A.E.S.
Me	Maine A.E.S.
N	North Carolina A.E.S.
ND	North Dakota A.E.S.
OAC	University of Guelph, Guelph, Ontario
OK	Oklahoma Agricultural Experiment Station
ORC	Ridgetown, Ontario
OT	Central Experimental Farm, Ottawa, Ontario
OX	Research Station, Harrow, Ontario
PI	Plant Inventory
R	Arkansas A.E.S.
RJ	Arkansas State University, Jonesboro
S	Missouri A.E.S. (SS=D. Sleper)
SC	South Carolina A.E.S.
SD	South Dakota A.E.S.
Ts	Texas A.E.S.
T	Soybean Genetic Type Collection, USDA, Urbana, IL
U, NEX	Nebraska A.E.S.
UD	Delaware A.E.S.
UM	University of Manitoba, Winnipeg, Manitoba
UT	Tennessee A.E.S.
V	Virginia A.E.S.
W	Wisconsin A.E.S.
X(Y)	Two or more states cooperatively, e.g. ND(M) North Dakota and Minnesota

METHODS

Uniform tests are planted in multiple-row plots with three or four replications, and the center rows are harvested for yield and seed quality determinations. Preliminary Tests are multiple-row plots with two replications. Usually 15 to 20 feet of row are planted and 12 to 16 feet harvested, to eliminate end-of-row effects. Coefficients of variability are included with all replicated test data. Discretion is used in including data with high CVs in the regional means. If the CV is greater than 15, participants should include the reason, such as disease or environmental conditions. Lines may be heterogeneous for morphological traits the first year in the Uniform Tests but must be pure lines the second year of testing. It is the responsibility of the breeder to purify heterogeneous lines.

Generation Compositied is the generation after the final single-plant selection, when seeds from plants or rows are composited.

Previous Testing is the number of previous years in the same Uniform Test or, in the case of new entries, a reference to the previous year's test, abbreviated to PT IIA for Preliminary Test IIA, for example.

Yield is measured after the seeds have been dried to uniform moisture content and is recorded in bushels (60 pounds) per acre. To convert to kilograms/hectare multiply by 67.25.

Maturity is the date when 95% of the pods have ripened, as indicated by their mature pod color. Delayed leaf drop and green stems are not considered in assigning maturity. Maturity is expressed as days earlier (-) of later (+) than the average date of the reference variety. To aid in maturity group classification, one earlier (E) and one later (L) check variety are given in the maturity column for each test, or a maturity check from an earlier or later maturity group is included. Current reference and check varieties and the maturity group limits relative to the reference varieties are:

<u>Group</u>	<u>Reference:</u>	<u>Range</u>	<u>Early check</u>	<u>Late check</u>
00	MN0071	-7 to +5	Jim	Trail (L)
0	Sheyenne	-6 to +2	Traill (E)	Surge(L)
I	MN1410	-4 to +4	Sheyenne (0)	IA1022 (SCN)
II	IA2094	-3 to +5	IA1022 (I)	IA3024 (L)
III	IA3023	-6 to +2	IA3024	Macon (L)
IV	LD00-3309	-4 to +7	Macon (III)	LD00-2817P (L)
00RR	RG700RR			AG0202
0RR	RG600RR			SD1111RR (L)
IRR	SD1611RR		SD1111RR (E)	AG2002
IIRR	AG2403		AG2002	NEX2905A0R (L)
IIIRR	U03-827101 (SCN)		NEX2905A0R (E)	DKB3852
IVRR	AG4103		DKB38-52	AG4403

These maturity group ranges are based on long-term means over many locations. When using data from other environments, the interval between reference varieties may vary, and the division between maturity groups should be estimated in proportion to the above figures. Additional check varieties may be included in specific tests such as IA1022 (SCN) for resistance to the soybean cyst nematode in UT I, or IA3024 as a 1% linolenic check in PTII, and PTIII.

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 50% of the plants down.
- 4 = All plants leaning considerably, or 50% to 80% of the plants down.
- 5 = Almost all plants down.

Height is the average length in inches of mature plants from the ground to the tip of the main stem. To convert to centimeters, multiply by 2.54.

Seed Size (i.e. weight per seed) is recorded in grams per 100 seeds based on a 100- or 200-seed sample. To convert to seeds per pound, divide this into 45,359.2.

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 other pigment. Ratings for seed quality are:

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

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 percentages are measured on these samples using near infrared transmittance, and reported as dry weight percentage value. The values listed in this report have been converted to a 13% moisture basis.

Descriptive Code: 1 2 3 4 5 6 7 8 abbreviated as underlined below.

- 1 = Flower color: Purple, White
- 2 = Pubescence color: Tawny, Gray, Light tawny
- 3 = Pod color: Brown, Tan
- 4 = Seed coat luster: Dull, Shiny, Intermediate
- 5 = Seed coat color = Yellow, Gray, Light gray, Green
- 6 = Hilum color: Black, Imperfect black, Brown, Buff, Gray, Yellow; prefixes indicate Light or Dark shades, e.g. Lbf = light buff, Dib = dark imperfect black. H indicates heterogeneous for hilum color.
- 7 = Stem termination: Determinate, Indeterminate, Semi-Determinate
- 8 = Ep high seed coat peroxidase, ep low seed coat peroxidase, H heterogeneous

Green Stem is a rating of delayed green stem at time of plant maturity (R8 = 95% of the pods have reached their 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.

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

Iron chlorosis is rated from 1, no chlorosis, to 5, severe chlorosis.

Emergence score is related to hypocotyl elongation and is measured at Ames, Iowa by germination at 25 C (a critical temperature for differentiating strains). Four replications of 25 seeds/entry are planted in a 5-inch plastic pot at a 4.5-inch depth in sand. Seedlings that have emerged by 12 days after planting are counted and emergence score in relation to percent of seeds that germinate and emerge are as follows:

- 1 > 95%
- 2 = 91 to 95%
- 3 = 85 to 90%
- 4 = 76 to 84%
- 5 < 76%

DISEASE

Disease reactions are listed according to “Soybean Disease Survey Standards”, March 1960, unless otherwise specified. Disease reaction is scored from 1 (no disease) to 5 (very severe), or in some cases as percent infected or simply as + (present) or 0 (absent). Purple seed stain and seed mottling follow the disease severity class rating:

Disease severity class rating	1	2	3	4	5
Number of diseased seed in sample	0	1-3%	4-8%	9-19%	20-100%

An additional classification to describe the extent of seed coat mottling as M (mild), E (extensive), or S (severe), is included. Pod and stem blight is rated as percent of infected seed on a four-week delayed (“d”) harvest sample. The location where the test was made is identified in the column heading, and the letter “a” or “n” signifies artificial or natural infection. Clear-cut and consistent reactions are given by letter instead of number: R = resistant, S = susceptible, I = intermediate, and H = heterogeneous. Natural infection ratings are from agronomic tests in some instances and from special disease plantings in others. Absence of symptoms under natural infection does not necessarily mean high resistance.

Abbreviation	Disease	Pathogen
BB	Bacterial blight	<u>Pseudomonas syringa</u> pv. <u>glycinea</u>
BBV	Bud blight	Tobacco ringspot virus
BP	Bacterial pustule	<u>Xanthomonas campestris</u> pv. <u>phaseoli</u>
BS	Brown spot	<u>Septoria glycines</u>
BSR	Brown stem rot	<u>Phialophora gregata</u>
BTS	Bacterial tan spot	<u>Corynebacterium flaccumfaciens</u>
CN	Cyst nematode	<u>Heterodera glycines</u>
CR	Charcoal rot	<u>Macrophomina phaseolina</u>
DM	Downy mildew	<u>Peronospora manshurica</u>
FE	Frogeye leafspot	<u>Cercospora sojina</u>
PM	Powdery mildew	<u>Microsphaera diffusa</u>
PR	Phytophthora rot	<u>Phytophthora sojae</u>
PS	Purple stain	<u>Cercospora kikuchii</u>
P&SB	Pod & stem blight	<u>Phomopsis</u> spp.
Pyd	Pythium root rot	<u>Pythium debaryanum</u>
Pyu	Pythium root rot	<u>Pythium ultimum</u>
RK	Root knot nematode	<u>Meloidogyne</u> spp.
RP	Rhizoctonia root rot	<u>Rhizoctonia solani</u>
SB	Sclerotial blight	<u>Sclerotium rolfsii</u>
NSC	Northern Stem canker	<u>Diaporthe phaseolorum</u> var. <u>caulivora</u>
SCL	Sclerotinia stem rot	<u>Sclerotinia sclerotiorum</u>
SDS	Sudden death syndrome	<u>Fusarium virguliforme</u> , (<u>F. solani</u> f.sp. <u>glycines</u>)
SMV	Soybean mosaic virus	Soybean mosaic virus
TS	Target spot	<u>Corynespora cassiicola</u>
YMV	Yellow mosaic virus	Yellow mosaic virus

Rating for BB, BP, DM, FE, and PM are based on leaf symptoms; those for BSR on percent of plants with stem browning, or percent of stem length browned.

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

DX = SDS Disease index (DI x DS/9)

DI = SDS Disease Incidence (% of plants with visible leaf symptoms)

DS = SDS Disease Severity (1=mild chlorosis, 5=severe leaf scorch, 9=premature death of the plant)

Minnesota Iron Chlorosis scores (IDC): Scores are the values on the average of 2 observations taken mid July, and early August. Data was collected from Wilkin County, and Lake Lillian, Minnesota. Planting dates June 20, and June 22, 2008.

PROCEDURE FOR TESTING AND RELEASE OF STRAINS

Public soybean breeders have agreed upon this policy on testing and release of soybean strains evaluated in the Uniform Soybean Tests Northern Region. The policy was developed to assist breeders in preparing schedules for seed increases and to assist individuals and committees responsible for approving releases. The policy will aid private breeders in the U.S. and foreign countries to understand how releases will be made that may affect their programs.

Development and release of soybean strains is carried out by many public institutions. The programs at these institutions operate independently until strains are available for advanced testing in the Uniform Soybean Tests. The USDA-Agricultural Research Service coordinates the Uniform Soybean Tests. The tests are divided into those in the Northern Region, for strains in maturity groups 00 to IV, and those in the Southern States, for strains in maturity groups IVS to VIII. Group IV maturity strains are divided into an IVN test for the northern region and an IVS test for the southern region. Public soybean breeders are encouraged to enter superior strains they develop into the Uniform Soybean Tests.

Strains are evaluated for one year in the Preliminary Tests (PT), which are conducted at eight or more locations in several states. When the tests are completed, each public breeder is given the opportunity to review the results and to decide which strains merit further testing. In instances where there is little consensus among the breeders on the merits of a strain, the originator of the strain generally makes the final decision.

Strains that merit further testing are evaluated in the Uniform Tests (UT) conducted at more locations than Preliminary Tests and with three or four replications. Lines developed by four or more backcrosses to a released cultivar may be entered directly into the UT without prior evaluation in PT. Strains evaluated in Regional Cyst Nematode (SCN) tests may also be entered directly into the UT.

Strains may be considered for release after they have been evaluated for two years in the UT. Exceptions to this are special purpose strains or strains derived from four or more backcrosses to a released cultivar; these may be considered for release after one year in the UT. Any institution or breeder participating in the Uniform Soybean Tests may request consideration for release of any strains in the UT, however the institution that developed the strain usually initiates it.

A strain should be released only if it is distinctly superior to existing varieties in one or more characteristics important for the crop, or it is superior in overall performance in areas where adapted. A single major production hazard, which a new cultivar can overcome, e.g., a highly destructive disease, may be the overriding consideration in releasing a variety. Strains with a very limited range in adaptation should not be released unless performance in that limited range is outstandingly superior, or the strain possesses important use values not otherwise available, including diversification of the germplasm base for the species.

When a decision has been made to multiply a strain for release, the originating institution will inform other UT participants of the decision by February 15. This will give each UT participant the opportunity to participate in the multiplication and release of the strains.

By March 15 all institutions intending to participate in the multiplication of the strain must notify the originating institution of their intent. A final decision to participate in the release of the strain may be delayed until an additional year's data are available for review. By April 1 the originating institution should notify all UT participants what states will be participating in the multiplication and are considering participating in the release of the strain. Breeders seed is distributed to foundation seed organizations in participating states for production during the summer. At this time, if a final decision to release has been made, a sample of seed may be distributed to non-participants in the UT, including private soybean breeders, in accordance with a State's Experiment Station policy. This distribution is made only by the originating institution.

The originating institutions prepare a release notice to soybean seed producers listing all institutions participating in the release of the cultivar. This notice is circulated for signature by all participating institutions. Assistance in the preparation and circulation of this release notice may be obtained by Dr. Judith St. John, Associate Deputy Administrator for Plant Science, USDA, ARS, Bldg. 005, BARC-West, Beltsville, MD 20705, phone 301-504-6252. The office for clearance of proposed names of new soybean cultivars is: Dr. Richard Payne, Chief, Seed Regulatory & Testing Branch, Crossing Place, Suite C, Gastonia, North Carolina 28054-2193, phone 704-810-8870, Fax: 704-852-4189 (Lab). The date for simultaneous publicity release on new soybean cultivars by participating states is determined by the originating state, and is usually in August but may be delayed until the following April if additional UT data are being reviewed and a final decision to release has not been made.

If an additional year of UT data is being reviewed prior to a final decision on release, states producing foundation seed must notify the originating state by February 15 of their intent to participate in the release of the cultivar. The release notice to soybean seed producers should be distributed for signature by the participating institutions by April 1.

Foundation seed under the name of the new cultivar is distributed to qualified certified seed producers in states releasing the new cultivar by April 1. At this time a sample of seed may be distributed to non-participants in the UT, including private plant breeders, for testing and crossing if this distribution has not been made previously.

UNIFORM TEST STRAINS RELEASED IN 2008

Variety	Experimental designation	Uniform Test evaluations
Streeter	HS3-2324	UPT IIIA 2006
OHS 305 (branded release)	HS4-3189	UPT IIIA 2006
OHS 303 (branded release)	HS3-2840	UPT III 2005, UTIII 2006-2007

Variety	Release date	Releasing states or Provinces	Foundation seed production
Streeter	2008	Ohio	2008
OHS 305 (branded release)	Aug. 2008	Ohio	2008
OHS 303 (branded release)	Aug. 2008	Ohio	2008

2008 Soybean Cyst Nematode Evaluations

1000 eggs per plant inoculum
 3 reps; entries with CV>30 were re-tested
 Methods: see J. Nematol. 34:279-288

Ratings: FI values
 HR <10 Highly resistant
 R 10-24 Resistant
 MR 25-39 Moderately resistant
 LR 40-59 Low resistance
 NR 60+ No resistance

For raw data, contact T. Niblack tniblack@niuc.edu

. = missing sample
 * = small root

HG Type 0 (Race 3)

Indicator	Mean	FI
Lee	102	
PI548402	0	0
PI88788	1	1
PI90763	0	0
PI437654	0	0
PI209332	2	2
PI89772	1	0
PI548316	3	3
PI438489B	0	0
Pickett	2	2

HG Type 2.5.7 (Race1)

<i>retest</i>				
Indicator	Mean	FI	<i>Mean</i>	FI
Lee	114		<i>113</i>	
Essex	120		<i>81</i>	
PI548402	1	1	<i>0</i>	<i>0</i>
PI88788	30	26	<i>47</i>	<i>42</i>
PI90763	0	0	<i>0</i>	<i>0</i>
PI437654	0	0	<i>1</i>	<i>0</i>
PI209332	24	21	<i>11</i>	<i>10</i>
PI89772	1	0	<i>0</i>	<i>0</i>
PI548316	40	35	<i>58</i>	<i>51</i>
PI438489B	12	10	<i>0</i>	<i>0</i>
Pickett	2	1	<i>7</i>	<i>6</i>

Note: **FI** count too low for accurate rating.

*retest

HG Type 0 (Race 3)				HG Type 2.5.7 (Race1)				
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
1	MN0071	17	17	*	84	75	NR	UT00
2	Cavalier	23	22	*	109	97	NR	UT00
3	Traill (0)	16	16		72	63	NR	UT00
10	ND04-11549	21	20		71	62	NR	UT00
11	ND04-11563	13	12		64	56	LR	UT00
13	ND04-11691	16	15		86	76	NR	UT00
21	ND05-17922	29	28		60	52	LR	UT00
22	ND04-17925	12	12		68	60	NR	UT00
23	ND05-17929	18	18		75	66	NR	UT00
24	ND05-17934	28	27		66	58	LR	UT00
1	Sheyenne	14	13		65	57	LR	UT0,I
2	MN1410	16	16		48	42	LR	UT0,I
3	Surge	14	14		58	51	LR	UT0
5	MN0606CN	5	5		62	55	LR	UT0
14	ND04-12541	8	8		78	69	NR	UT0
16	ND04-12647	11	11		93	82	NR	UT0

HG Type 0 (Race 3)				HG Type 2.5.7 (Race1)				
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
25	ND04-11779	12	11		28	24	R	PT0
29	ND05-17926	15	15		63	56	LR	PT0
30	ND05-17933	25	25		58	51	LR	PT0
2	IA1022 (SCN)	4	4		70	61	NR	UTI,II
11	U03-100612	8	7		84	74	NR	UTI
7	A07-426011	9	9		56	50	LR	PTI
8	A07-426016	13	12		35	30	MR	PTI
18	A07-427035	13	13	*	79	71	NR	PTI
43	U05-223015	16	15		52	46	LR	PTI
44	U05-224017	7	7		63	56	LR	PTI
1	IA2094	17	17		96	85	NR	UTHI
3	IA3024	23	22		52	46	LR	UTHI
12	A06-712040	4	4	*	61	54	LR	UTHI
16	A06-912008	6	6		54	48	LR	UTHI
29	U03-300134	16	16		92	81	NR	UTHI
11	A07-527035	5	5		53	46	LR	PTIIA
1	IA3023	10	10	*	85	76	NR	UTIII
2	IA3024	19	19		93	82	NR	UTIII
3	U98-311442 (SCN)	5	5		50	44	LR	UTIII
4	Macon	14	14		78	69	NR	UTIII,IV
6	A06-911034	3	3		12	10	R	UTIII
16	LD04-13265	5	5		54	48	LR	UTIII
17	LD05-16874	6	6		55	48	LR	UTIII
18	LS04-27138	7	7		40	35	MR	UTIII
20	U03-400435	13	12		55	48	LR	UTIII
21	U04-300343	9	9	*	83	74	NR	UTIII
18	A07-627039	14	14		69	61	NR	PTIIIA
19	A07-627042	13	13		68	60	NR	PTIIIA
1	LD00- 3309	2	2		42	37	MR	UTIV
3	LD00- 2817P	1	1		2	2	HR	UTIV
4	LD02- 7222P	7	7	*	93	83	NR	UTIV
5	LD02- 9050	3	3		47	41	LR	UTIV
6	LD04-12754	7	7		50	44	LR	UTIV
21	LS04-30080	4	4	*	121	107	NR	UTIV
22	LS04-49077	5	5		71	62	NR	UTIV

HG Type 0 (Race 3)				HG Type 2.5.7 (Race1)					
Entry	Line	Mean	FI	Rating		Mean	FI	Rating	Test
12	ND05-18645	12	12		*	90	80	NR	UT00RR
1	RG600RR	20	19			72	63	NR	UT0 RR
2	AG0801	7	7		*	102	91	NR	UT0 RR
3	SD1111RR (L)	10	10			63	55	LR	UT0,I RR
4	RG200RR	16	16			49	43	LR	UT0 RR
16	ND05-18697	18	18			51	45	LR	PT0RR
1	SD1161RR/SCN	6	6			56	49	LR	UTIRR
3	MN1803RR	13	12			59	52	LR	UTIRR
4	AG2002	6	6			49	43	LR	UTIRR
5	U03-820038	8	8			56	49	LR	UTIRR
24	U06-811226R	18	18			64	56	LR	UTIRR
1	AG2403	23	23			95	84	NR	UTIIRR
2	AG2002	7	7			69	61	NR	UTIIRR
3	AG2603	9	9			59	52	LR	UTIIRR
4	NEX2905A0R	11	10			53	47	LR	UTIIRR
16	U05-805073R	19	19			57	50	LR	PTIIRR
17	U05-818079R	16	16			41	36	MR	PTIIRR
18	U05-822013R	9	9			34	30	MR	PTIIRR
22	U06-806255R	13	13			91	80	NR	PTIIRR
23	U06-817217R	15	15			74	65	NR	PTIIRR
24	U06-817219R	18	18			53	47	LR	PTIIRR
25	U06-818219R	13	12		*	65	57	LR	PTIIRR
26	U06-821226R	8	8			15	13	R	PTIIRR
27	U06-821227R	18	18			53	47	LR	PTIIRR
28	U06-822264R	11	10			71	63	NR	PTIIRR
29	U06-830260R	14	13			67	59	LR	PTIIRR
1	U03-827101	7	7			61	54	LR	PTIIRR
3	AG3504	6	6			39	34	MR	PTIIRR
4	DKB 38-52 (SCN)	10	9		*	75	67	NR	PTIIRR
16	SS05-6779	4	4			53	47	LR	PTIIRR
17	SS05-7367	4	4		*	56	50	LR	PTIIRR
18	SS05-7541	2	2			45	40	LR	PTIIRR
19	SS05-9971	4	4			80	70	NR	PTIIRR
20	SS05-10595	6	6			61	54	LR	PTIIRR
21	SS05-10742	6	6			52	46	LR	PTIIRR
22	U05-802055R	17	17			48	42	LR	PTIIRR
23	U05-810075R	20	20			67	59	LR	PTIIRR
24	U05-826081R	16	16			71	62	NR	PTIIRR

HG Type 0 (Race 3)				HG Type 2.5.7 (Race1)				
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
25	U05-830006R	7	7		86	75	NR	PTIIRR
26	U05-832063R	12	12		80	70	NR	PTIIRR
27	U05-833072R	13	12		65	57	LR	PTIIRR
28	U05-834075R	17	17	*	92	82	NR	PTIIRR
1	AG4103	4	4		52	45	LR	UTIVRR
3	AG4403 (SCN)	6	6	*	54	48	LR	UTIVRR

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
A1	Anoka x Mack
A2	M63-17 x C1453
A4	L15 x AP68-1016
A13	Selection from AP9 Fe (S 1) C7
A29	1%-linolenic plant selection developed by Iowa State University
A55-5629-4	Roanoke x Hawkeye
A71-555-8-1	D94-2491 (4) x AX162-12
A72-507	Amsoy x Wayne
A72-512	Amsoy x Wayne
A75-204018	IVR4731 x Wirth
A76-304020	(Beeson x AP68-1016) x (L15 x Calland)
A78-121014	Pride B216 x Hodgson
A78-123018	Pride B216 x Hodgson
A81-151026	A75-204018 x Century
A81-356022	Century x A76-304020
A83-271027	NK S1492 x Asgrow A3127
A86-186011	AP9 populations
A86-301024	A81-356022 x Hack
A87-187020	Jacques J103 x A81-151026
A87-395012	Fayette x Asgrow A3659
A89-269039	Low Linolenic Acid
A91-701035	A86-301024 x Dekalb 226
A92-525014	IA2008 x Kenwood
A92-535059	Asgrow A2187 x [(A86-186011 x DSR 252) x A87-187020]
A92-627030	Kenwood x Asgrow A3205
A94-770314	Pioneer P9303 x A87-395012
A95-485020	(Pioneer P7273 x A13) x Jack
A96-492041	Northrup King S24-92 x Northrup King S19-90
A96-492058	IA3003 x Northrup King S24-92
A96-591033	IA3003 x Pioneer P9273
A96-591076	Pioneer P9273 x NK S24-92
A96-691030	AP 3035 x Pioneer P9273
A97-770051	Pioneer 9273 x (A92-535059 x IA1006)
A97-771039	A92-627030 X ORC 9205
A97-973002	LN90-4366 x IA 3005
A98-781041	Pioneer P9204 x Pionerr P9281
A98-980047	HS93-4118 x NK S24-92
A00-711063	Pioneer P9233 x A95-485020
A00-712012	AP1953 x IA2038
A00-712013	AP1953 X Pioneer P9321
A00-712041	Pioneer P9233 x AP1953
A02-136021	NE1900 x Pioneer XB28V99
A02-136027	NE1900 x Pioneer XB28V99
A02-136030	NE1900 x Pioneer XB28V99
A02-136031	NE1900 x Pioneer XB28V99
A02-236010	NE1900 x Pioneer XB28V99
A02-237015	NE1900 x Pioneer XB28V99
A02-336040	NE1900 x Dairyland 94197
A02-338013	Dairyland 88504-11 x IA2053
A02-338043	IA2062 x Pioneer XB28V99
A02-381008-891	
A02-381100-1539	
AgriPro 35	L15 x Cutler
Agripro AP01-5	AP93652-P96-55048

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
Agripro AP02-01	AP96596-B99-24476
Agripro AP02-06	AP94582-B97-14027
Agripro AP03-01	AP97023-A99-03284
Agripro AP03-03	AP96289-A99-31240
Agripro AP03-04	AP97026-N99-42648
Agripro AP03-05	AP95341-A98-60618
Agripro AP03-06	AP96596-B99-24476
Agripro AP1953	Unknown
Agripro AP2918	Unknown
Agripro AP3035	Unknown
AP1953	
AP68-1016	Clark (5) x PI 84.946-2
AP97023-A99-03284	Unknown
AP97144-A00-15133	Unknown
AP97199-A00-10391	Unknown
APX04-76-6	SD01-76R(4) x Dowling
AR02-101001	Pioneer P9233 x A96-591033
Asgrow A1564	Hark x C1453
Asgrow A1929	
Asgrow A2187	A2 x Asgrow A2527
Asgrow A2242	Sherman x XP1928
Asgrow A2506	
Asgrow A2575	C1453 x Amsoy 71
Asgrow A2943	Asgrow A1564 x Asgrow A3127
Asgrow A2943	Asgrow A1564 X Asgrow A3127
Asgrow A3127	Williams x Essex
Asgrow A3205	Northrup King S 1474 x Asgrow A3127
Asgrow A3242	Fayette X Asgrow A2943
Asgrow A3322	
Asgrow A3659	Williams x Essex
Asgrow A3860	
Asgrow A3935	M0474C x Asgrow A3127
Asgrow A3966	
Asgrow A4009	Asgrow A3860 x Fayette
Asgrow A4138	Asgrow A4009 x Asgrow A4595
Asgrow A4595	Douglas x Asgrow A3127
Asgrow A4715	Asgrow A5474 x (Douglas x Asgrow A3127)
Asgrow A5475	(Tracy x d5064) x Bedford
Asgrow A9309	
AX162-12	Ford x PI68.708
AX56P64-1	Adams x Harosoy
AxN-1-55	AsgrowA2506 x Syngenta S19-90
BD22115-13	[Amsoy x Portage] x Holmberg 840-7-3
C1070	Ogden x Kent
C1079	Lincoln x Ogden
C1223	C1070 x Adams
C1253	Blackhawk x Harosoy
C1266R	Harosoy x C1079
C1317	C1223 (8) x Mukden
C1453	C1266R x C1253
C1512-44	CX413 x CX412
C1640	EMS Derivative of Century Low Linolenic
C1944	CRS3-998-24-1 x HC85-2206
C1979	IA3003 x Stressland

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
CM304	Unknown
CRS3-998-24-1	Sel from High Pro Recurrent Sel Pop.
CX1834-1-2	Athow x M153-1-4-6-14
CX407	Amsoy x C1253
CX412	Wayne x C1317
CX413	CX407 x CX412
D5064	Unknown
D49-2491	S100 x CNS = sister line of Lee
D51-4877	Roanoke x N45-745
D55-4168	Ogden x Biloxi
D58-3358	Jackson (4) x D49-2491
D59-9289	D51-4877 x D55-4168
D65-6765	D58-3358 x D59-9289
D68-18	Dyer x Bragg
Dairyland 88504-11	
Dairyland 94197	
Dairyland 99345-31	
Dairyland 99508	
Dairyland 99509	
Dairyland 99540	
Dairyland 99622	
Dairyland 99627	
Dairyland 99630	
Dairyland 99659	
Dairyland 99669	
Dairyland 99707	
Dairyland 99733	
Dairyland 99753	
Dairyland 99820-33	
Dairyland DSR 304	Williams x Unknown
Dekalb 226	Unknown
DeKalb 469c	
DSR 252	Unknown
E85073	Unknown
E99035	IA2021 x Apollo
E99248	Pioneer 9281 x NK S19-90
FH22-815	Manitoba Brown x Mandarin (Ottawa)
GH03-1	Golden Harvest 24040
GH03-3	Golden Harvest 2285
HC83-4532BC	L74D-634 x Hobbit
HC85-2206	Elf x Williams
HC97-545	HC88-4532 BC x Charleston BC
Hei Nong 37	PI592.921 Chinese Acad.Ag Sci.
HHP	Glycine Soja x G. Max From Hadley
HS0-3248	HS93-4118 x Kottman
HS84-6224	HW79015 x HW79149
HS88-4988	Winchester x A83-271027
HS88-6786	Conrad(2) x PI 360.844
HS88-7363	F2 progenitor of Kottman = Voris 311 x Resnik
HS89-3261	LG82-8379 x A2943
HS90-37100	HS84-6224 x Conrad
HS93-135	HS88-6786 x HS88-4988
HS93-4118	IA2007 x Dairyland DSR 304
HS94-4530	HS88-7363 x HS88-4988

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
HS96-3332	Parker x HS90-37100
HS96-3347	P9268-003 x Vertex
HS98-3216	LG82-8379 x A2943
HS98-7826	HS93-4118 x Savoy
HS99-4045	General(2) x HS93-135
HS99-4426	HS94-4530 x IA 3004
HS99-5217	progenitor of Dennison
HW79015	A72-512 x Oakland
HW79149	(A72-507(6) x A1) x (A72-507(5) x PI82.263.2)
IVR 1120	Provar x (AX56P64-1 x PI 191.110-1)
IVR 4731	Amsoy x Wayne
IX93-100	A71-555-8-1 x L61-344
J74-45	Forrest (2) x (D68-18 x PI 88.788)
Jacques J103	Clay x Williams
KG20	McCall x 2S11
K1235	Hutcheson x Asgrow A3966
K1277	Hutcheson x Asgrow A3966
K1459	Asgrow A4715 x K88-22-42
K1536	
K88-22-42	Hamilton x N84-507
K97-34	K1235 x RR
K97-39	K1277 x RR
K97-132	K1235 x K97-34
K97-135	K1277 x K97-39
K99-128	KS4997 x IA3004
K00-72RR-2584	
K00-80-2475	
K00-85	SS96-10704 x K99-128
K01-187	K1425 x K97-135
K02W-3	KS5502N x K01-187
K03W-106	KS5502N x K02W-3
Korada	unknown
L15	Wayne(6) x Clark 63
L1-5	Century (5) x PI408.251
L61-344	Harosoy x T117, Dt2
L70-2283	Custer x Chippewa
L74-3897	Williams x Beeson
L74d-634	Williams cx Ransom
L75-8020	Williams x L70-2283
L77-443	Union x L75-8020
L77-906	Williams x PI 209.332
L77-994	Williams x PI 88.788
LD00-1938	Pana x Savoy
LD00-2807	IA3005 x Pana
LD00-4970	Maverick x Dwight
LD00-4976	Maverick x Dwight
LD00-5038	Macon x Maverick
LG82-3002	PI 253665D x PI 283331
LG82-8224	PI 68658 x Lawrence
LG82-8379	PI 68508 x FC04007B
LG84-1096	PI 90566-1 x L74-3897
LG84-1272	PI 227333 x PI 91730-1
LG84-1291	PI 68522 x Hobbit
LG85-2846	PI 404157 x PI 384469A

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
LG85-3343	PI 361064 x PI 407710
LG88-2227	A78-123018 x PI 438205B
LG88-3146	PI 427099 x PI 445830
LG88-8958	PI 253665D x PI 283331
LG89-1525	PI 90566-1 x L74-3897
LG89-6607	LG82-8224 x Hobbit
LG89-6661	Sherman x LG84-1096
LG89-7619	Ripley x PI 445837
LG89-7629	Ripley x PI 445837
LG89-771	LG85-3343 x LG85-2846
LG89-773	LG85-3343 x LG85-2846
LG89-7793	PI 391594 x Century
LG89-8286	LG82-3002 x Elgin
LG90-2179	PI 437851A x Ripley
LG90-4181	F6 PI 436682 x Lawrence
LG91-7323	BSR 101 x LG82-8379
LG91-7431	LG84-1272 x Elgin
LG92-7054	
LG94-1906	PI 468.377 x Asgrow A3205
LG94-4667	PI 458511 x Flyer
LG96-1971	LG89-7619 x A3935
LG97-7012	LG89-1525 x A3322
LG97-8789	LG88-3146 x P5096-03D
LG97-8905	LG89-6607 x LG88-2227
LG97-8984	LG89-6661 x HS89-3261
LG97-9015	LG89-8286 x LG89-6661
LG97-9226	LG89-7629 x A9303
LG97-9301	LG89-7793 x LG88-8958
LG97-9384	LG90-2179 x A3322
LG97-9912	LG90-4181 x A3322
LG98-1445	LG91-7431 x 9273
LG98-1605	LG88-8958 x LG89-771
LG98-5579	LG89-773 x LG91-7323
LN85-6800	LNx8132 x LN80-7532
LN86-4668	Fayette x Hardin
LN90-4336	LN86-4668 x Resnik
LN93-14408	Burlison x LN85-6800
LN97-24270	Jack x Macon
LN97-26569	Yale x Macon
LN97-26597	Yale x Macon
LNx8132	Hack x A78-121014
LS93-0375	Asgrow A3935 x Pioneer P9402
LS95-0709	DeKalb 469c x L87-1922
LS97-3718	Flyer x Asgrow A4138
LS98-0160	NK S46-44 x Pioneer P9362
LS98-0582	NK46-44 x A4138
LS98-0656	NK S46-44 x Asgrow A4138
LS98-3032	NK S46-44 x Pioneer P9451
LS99-2235	
M0474C	White flowered off type in Mitchell
M0835	IVR 1120 x Calland
M10	Lincoln(2) x Richland
M153	M 153 mutation line.
M319W	Lincoln x Hawkeye

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
M402	Renville x Capital
M42-37	Lincoln(2) x Renville
M53-117	M10 x PI 180.501
M54-110	Harosoy x Norchief
M54-139	Renville x Capital
M54-240	Korean x M42-37
M59-120	M54-240 x M54-139
M61-224	Merit x Harosoy
M62-345	M319W x Harosoy
M63-17	M402 x M54-110
M63-217Y	Corsoy x M53-117
M65-442	Anoka x Amsoy
M68-49	Evans x M59-120
M70-294	PI 358.323 x M63-217Y
M71-52	Evans x M62-345
M73-62	M61-224 x PI 297.518
M74-23	M68-49 x Hodgson
M74-337	Evans x NK 9436
M81-18	Evans x M65-442
M81-27	M68-49-26 x M70-294
M82-806	M71-52 x Wells II
M83-16	A2 x Hodgson 78
M85-52	M73-62 x Simpson
M87-1709	Ozzie x C1640
M90-370	M81-27 x M83-16
M90-1278	BSR101 x Kato
M91-564	M74-337 x M74-23
M91-895	M91-27 x M85-52
M91-134038	Harmony x Ozzie
M92-597	Pioneer P6061 x Ozzie
M92-1571	MN9002CN
M94-161045	IA1006 x Agassiz
M94-162105	IA2008R x M90-1278
M95-116011	Glacier x S19-90
M95-265009	IA2008R x Lambert
M95-327084	Parker (3) x Marcus 95
M96-136086	ND(M)90-370(2) x Resnik
M97-101088	ND91-2721 x 9004
M97-129094	Archer x IA2021
Md95-5358	S88-19561 X Corsica
Md96-5722	KS4694 x Corsica
MN0206RR	Lambert x Lamb/ResnikBC2F2
MN0305RR	Lambert x Lamb/ResnikBC2F2
MN0801SP	P02-60 x Toyopro
MN0904RR	Lambert x Lamb/ResnikBC2F2
MN1103SP	A89-269039 x M87-1709
MN1504RR	Lambert x Lamb/ResnikBC2F2
MO304211	Unknown
MSBP6S4	Graef, Male-sterile intermated population
N45-745	Ogden x CNS
N70-1549	Dare x D65-6765
N70-2173	Hampton x Ransom
N77-114	Essex x N70-2173
N77-907	N70-1549 x Centennial

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
N84-507	N77-114 x N77-907
N98-445A	
ND(M)87-2263	Mccall x PI470930
ND(M)90-370	M81-27 x M83-16
ND88-686	Evans x Bicentennial
ND88-800	Maple Amber x Evans
ND91-2721	Sigco KG20 x M81-18
ND93-5849	KG20 x Maple Donovan
ND95-1564	Parker x Pioneer 9061
ND95-6634	Alpha x OT90-9
ND95-938	ND88-800 x Pioneer 9061
ND95-952	ND88-800 x Pioneer 9062
ND97-1211	Glacier x Lambert
ND98-2252	SD92-1323 x M90-370
ND99-1002	SD92-1323 x Jim
ND99-2169	M91-564 x Pioneer 9092
ND99-2608	M91-564 x Pioneer 9092
ND00-547	Pioneer 9092 x Korada
ND00-560	Pioneer 9092 x Korada
ND00-2765	M91-895 x ND93-5849
NK S1492	Corsoy x Wayne
NK S19-90	Pride B216 x Pella
NK S32-Z3	
NK S38-T8	
NK S43-B5	
Northrup King S1346	A55-5629-4 x PI 257.435
Northrup King S1474	Hark x Wayne
Northrup King S1492	Corsoy x Wayne
Northrup King S18-84	Northrup King S1492 (4) x Tracy
Northrup King S19-90	Pride B152 x Pella
Northrup King S24-92	Asgrow A3127 x [(IVR 1120 x Calland) x (Mitchell x Cutler 71)]
Northrup King S26-06	Northrup King S 18-84 x Matsoy
Northrup King S35-35	
Northrup King S39-11	Fayette x Northrup King S42-30
Northrup King S42-30	Essex x AgriPro 35
Northrup King S42-30	Essex x AgriPro 35
Northrup King S46-44	
OAC 95-06	OT89-18 x OAC Shire
OAC 98-01	OAC Frontier x ND88-686
OAC 98-12	92546-01td x OAC Bayfield
OAC 00-01	OAC Bayfield x (OT89-16 x OAC Shire)
OAC 00-09	OAC Atwood x OAC Vision
OAC 00-11	OAC Erin x OAC Wingham
OAC 00-17	A92-525014 x OAC Vision
ORC 8703	Hodgson x FH22-815
ORC 9002	A81-151026 x Elgin
ORC 9404	ORC 8703 x NK S26-06
ORC 9902	OAC Brussels x [E85073 x Maple Glen]
OT89-16	AC Proteus
OT89-18	Maple Arrow x 881-57
OT90-9	[Thompson 7803 x BD22115-13] x McCall
OT99-2	{(AC Bravor x RAGT86L579) x Ac Harmony}
P02-60	M82-806 x HHP
P5096-03D	A3127 x PI 273483

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
P9268-003	PI 92718-2 x P9271
Peterson 85	Provar x (Amsoy x PI 248.404)
PH9718	
Pioneer 1677	Rampage x Corsoy(2)
Pioneer 9061	Wells x Pioneer 1677
Pioneer 9092	Pioneer 9061 x S15-50
Pioneer 91M10	Unknown
Pioneer 92B12	
Pioneer 92M10	Unknown
Pioneer 92M72	
Pioneer P1677	Rampage x Corsoy (2)
Pioneer P7273	
Pioneer P9061	Wells x Pioneer P1677
Pioneer P9071	Pioneer P9061 x Pioneer P9181
Pioneer P9091	Peterson 85 x P1677
Pioneer P9092	Pioneer P9061 x S15-50
Pioneer P9151	Pioneer brand
Pioneer P9172	Pioneer brand
Pioneer P9204	
Pioneer P9233	
Pioneer P9271	(Corsoy x Magna) x Williams
Pioneer P9273	Pioneer 2981 x Asgrow A3127
Pioneer P9281	Hark x (Corsoy x Calland)
Pioneer P9303	Pioneer P2981 x M0835
Pioneer P9305	Pioneer Hybrid
Pioneer P9321	MO304211 x (Weber x Asgrow A3127)
Pioneer P9341	CM304 x Asgrow A3127
Pioneer P9362	
Pioneer P9402	(L77-994 x Asgrow A3127) x L77-994
Pioneer P9451	Pioneer P9571 x Pioneer P9402
Pioneer P9571	(Dyer x Forrest) x J74-45
Pioneer XB28V99	
Pride B152	Northrup King S 1346 (6) x Mack
Pride B216	Corsoy x Wayne
PRO 30-15	Westag 97 x RCAT Calico
PRO 3170	S24-92 x Pioneer P9305
PS 55	Pride Seed Canada
PS 73	Pride Seed Canada
RCAT 99-01	NK S24-92 x RCAT Bobcat
RCAT 2006	J251 X ORC 9404
S02-750CR RR	SS94-7546 x S86-4499(4) x RR
S03-W4	Syngenta
S10	Unknown
S100	Rouge x Illini
S10-F2	Unknown
S15-50	[Mack x Corsoy x B216(2)] x [S1492 x Lee74]
S86-4499	(L77-443x L77-906) x Pella
S88-19561	Forrest (3) X Pi 437654
SD(M)91-1574	L1-5 x Glenwood
SD87-001	Fiskeby x IX93-100
SD92-1323	Kasota x Kato
SD93-1040RR	Parker x Sibley
SD93-828	Parker x Archer
SD93-828E	Parker x Archer

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
SD93-828R	SD93-828(4) x Resnik RR
SD94-1662	
SD94-186	Silby x Acher
SD94-808	Parker x Archer
SD94-1208RR	(SD87-001 x Glenwood) x Resnik RR
SD96-33	IA2008R x Hendricks
SD96-77	IA2008 x Ozzie
SD96-702	ORC9002 x Ozzie
SD96-153-3	Surge x Hendricks
SD96-2156	Parker x SD(M)91-1574
SD97-92-2	M92-597 x C1944
SD97-2998	SL91-1574M x PI438.025
SD98-595	Kato X Asgrow A1929
SD98-76342	Pioneer P9071 x C1944
SD99-002R	SD94-186 x SD94-1208RR
SD99-003R	
SD99-010R	SD94-808 x SD93-1040RR
SD99-011R	SD94-808 x SD93-1040RR
SD99-034R	
SD99-061R	
SD01-76R	(Stride x ResnikRR) x Stride
SD01-3382R	SD94-1662 x SD1091RR
SDX00R-035-24	A97-771039 x HendricksRR
SDX00R-039-42RR	IA2021 x SD93-828R
SDX98-76192	Pioneer P9071 x C1944
SECAN 00-10	A92-525014 x OAC Vision
SECAN 00-35	OAC 95-06 x OAC Bright
SL91-1574M	L15 x Glenwood
Soygenetics 96-22065	Soy04-11
Soygenetics F21461C	Unknown
Soygenetics N27205C	Unknown
SS94-7546	Pioneer 9341 x S86-4499
SS95-3486	ASGROW A3242 X NORTHRUP KING S39-11
SS96-10704	Northrup King S39-11 x Asgrow A4715
SS98-3403	NK S42-32 x NK S35-35
Syngenta S16-Y6	Unknown
Syngenta S18-N5	
Syngenta S24-92	
Syngenta S30-Y8	
T117, Dt2	AK114 (from AK) x PI65.394
Thompson 7803	Wells x Williams
TN4-86	(Variety)
TN95-95	TN4-86 x Kunitz
U87-63041	Sherman x Harper released as Holt
U94-2306	Holt x Dairyland DSR 304
U96-2208	Colfax x A91-701035
U97-201128	U94-2306 x UP1FE-9
U97-201128-211	U94-2306 x UP1FE-30
U97-201128-98	U94-2306 x UP1FE-30
U97-207134	A94-773014 x Bell
U97-207904	
U97-209053-11-22	
U98-205355	A94-773014 x Bell
U98-307917	U94-2306 x A92-525014

IDENTIFICATION OF PARENT STRAINS 2008

Strain	Parentage
U98-311442	A94-773014 x Bell
U99-009019	MSBP6S4
U01-390489	IA1008 x NE3001
UP1C1-92-102	G. Graef Intermated population
UP1C4-95-30	G. Graef Intermated population
UP1Fe (S1) C7-150	S1 line intermated population
UP1Fe (S1) C8S0-90	G. Graef S1 line intermated population
UP1Fe (S1) C8S0-91	G. Graef S1 line intermated population
UP1FE-30	G. Graef population
UP2YC3S3:4	G. Graef Intermated population
UP3YC2S3	G. Graef Intermated population
UX1676	U97-201128 x UP2PC4-28-12-254-9
UX1708	U97-201128-98 x UX1676
Voris 311	S10 x Mitchell
XP1928	(Hardin x Williams 82) x {(Tracy x Williams) x HW79149}
9004	Maple Ridge x Lakota
30438	(Pioneer 2981 x Asgrow A3127)(6) x [Pioneer 2981 x (MV2E1 x Resnik)]
059-903	PI 438.471
2S11	059-903 x Hardome
881-57	Williams x Maple Presto
92546-01td	Tall dt x OAC88-09 e. Cobers PhD Thesis

2008 DISEASE, SHATTERING, AND DESCRIPTIVE DATA

Location		Tests Conducted By:	Tests	UT	PT	UT RR	PT RR
IA	Humboldt	W. Fehr/K. Scholbrook	Fe Chlorosis	I-III	I-III		
IL	Havana	J. Klein, C. Schmidt	SDS	I-II		I-II	
	Valmeyer	J. Klein, C. Schmidt	SDS	III-IV		IV	
IN	Lafayette	S. Abney, B. Foss	FE	I-IV	I-III	I, II, IV	II, III
	Lafayette	S. Abney	PR 4 & PR 7	00-IV	0-III	00-II, IV	0, II, III
	Lafayette	W. Crochet	Descriptive Code	00-IV	0-III	00-II, IV	0, II, III
	Lafayette	W. Crochet	Green Stem				III
MN	Lake Lillian	J.H. Orf, P. Schaus	Fe Chlorosis	00-II	0-I	00-I	0
	Wilkin County	J.H. Orf, P. Schaus	Fe Chlorosis	00-II	0-I	00-I	0
ONT	Harrow	V. Poysa/B. Armstrong	Green Stem	II	II		
KS	Manhattan	W. Schapaugh, Jr.	Shattering Score	00-IV	0-III	00-II, IV	0, II, III
QUE	St. Mathieu-de-Beloeil	P.Turcotte	Green Stem	00-0	0		
	St. Hyacinthe	J. Auclair	Green Stem			00-I	
	St. Hyacinthe	J. Auclair	SCL	I	I	00-I	0
TN	Jackson	P. Arelli, L. Fritz	Green Stem	IV		IV	

2008 UNIFORM AND PRELIMINARY TEST LOCATIONS

Location	Tests Conducted By:	Uniform Tests						Preliminary Tests				Uniform Tests RR					Prelim. RR			
		00	0	I	II	III	IV	0	I	II	III	00	0	I	II	IV	0	II	III	
IA	Ames	W. Fehr			X	X	X			X	X	X								
	Carlisle	W. Fehr					X				X									
	Curlew	W. Fehr			X					X										
	Rippey	W. Fehr				X					X									
IL	Belleville	J. Klein					X												X	
	Dekalb	B. Diers			X															
	Harrisburg	J. Klein					X												X	
	Newton	B. Diers					*	*												
	Urbana	B. Diers			X	X	X			X	X				X				X	X
IN	Lafayette	W. Crochet			X	X	X	X	X	X	X			X	X	X			X	X
	Wanatah	W. Crochet			X	X	X							X	X				X	X
KS	Ashland	W. Schapaugh Jr.																	X	X
	Manhattan	W. Schapaugh Jr.					X	X		X									X	X
	Ottawa	W. Schapaugh Jr.					X	X											X	X
KY	Lexington	E. Lacefield					X												X	
Man	Morden	A. Sloan	*																	
MD	Queenstown	W. Kenworthy					X	X											X	
MI	Ingham Co.	D. Wang / J. Boyse			X	X				X	X				X	X			X	
	Lenawee Co.	D. Wang / J. Boyse				X										X				
	Saginaw Co.	D. Wang / J. Boyse			X										X					
MN	Crookston	J. Orf	X											X						
	Lamberton	J. Orf			X	X				X					X					
	Moorhead	J. Orf	X											X					X	
	Morris	J. Orf			X					X					X				X	
	Rosemount	J. Orf			X					X					X					
	Shelly	J. Orf	X											X						
	Waseca	J. Orf			X	X				X					X					
MO	Columbia	D. Sleper					X	X											X	X
	Portageville (Clay)	G. Shannon					X	X											X	
	Portageville (Loam)	G. Shannon					X	X											X	

2008 UNIFORM AND PRELIMINARY TEST LOCATIONS

Location	Tests Conducted By:	Uniform Tests						Preliminary Tests				Uniform Tests RR					Prelim. RR			
		00	0	I	II	III	IV	0	I	II	III	00	0	I	II	IV	0	II	III	
NE	Beemer	G. Graef / L.Korte			X	X				X	X				X	X			X	
	Cotesfield	G. Graef / L.Korte			X	X				X	X				X	X			X	
	DeWitt	G. Graef / L.Korte					X					X								X
	Phillips	G. Graef / L.Korte			X	X				X	X	X			X	X			X	X
	North Bend	G. Graef / L.Korte					X													
	Stevens Creek	G. Graef / L.Korte					X					X								X
ND	Casselton	T. Helms	X	X					X					X	X				*	
	Northwood	T. Helms	X											X						
OH	Hoytville	S. St. Martin/McIntyre				X	X				X	X								
	Wooster	S. St. Martin/McIntyre				X	X													
	St. Charleston	S. St. Martin					X	X				X								
ONT	Chatham	G. Ablett			X	X					X									
	Dundalk	I. Rajcan	X																	
	Elora	I. Rajcan	X																	
	Harrow	V. Poysa				X					X									
	Ottawa	E. Cober	X	X									X	X						
	Palymra	G. Ablett								X										
	St. Pauls	I. Rajcan		X																
	Woodstock	I. Rajcan		X					X					X						
QUE	St. Mathieu	P. Turcotte	X	X					X											
	St. Hyacinthe	J. Auclair			X					X			X	X	X			X		
	La Pocatiere	J. Auclair	X										X							
SD	Aurora	R. Scott		X	X	X			X	X	X			X	X	X		X	X	
	Beresford	R. Scott														X			X	
	Watertown	R. Scott											X	X				X		
TN	Jackson	P. Arelli					X											X		
X	Location With Agronomic Data		10	8	14	18	17	13	6	12	12	10	8	8	12	10	12	5	9	10
X	Location With Seed Composition Data		7	6	8	10	7	6	4	7	6	5	4	5	6	4	6	3	4	5
*	Location data not submitted.																			

Uniform Test 00, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	MN0071 (00)	Harmony x OT92-8	Orf	8	F5	Rps1
2.	Cavalier	Sargent x ND96-1006	Helms	3	F4	Rps6
3.	Traill (0)	M82-996 x Sigco KG20	Helms	13	F5	
4.	M00-307055	M92-270029 x M93-313185	Orf	2	F5	Rps1
5.	M02-307028	M97-101088 X MN0071	Orf	new	F5	
6.	M02-317003	MN0304 X MN0201	Orf	new	F5	
7.	M02-317010	MN0304 X MN0201	Orf	new	F5	
8.	ND02-3783	ND95-938 x Korada	Helms	3	F4	Rps6
9.	ND03-6793	Walsh x AC Orford	Helms	2	F4	Rps6
10.	ND04-11549	(IA1009 x Sargent) x MN0902CN	Helms	1	F4	SCN, Rps6
11.	ND04-11563	(IA1009 x Sargent) x MN0902CN	Helms	1	F4	SCN
12.	ND04-11674	M94-161045 x (Barnes x IA1009)	Helms	1	F4	Rps6
13.	ND04-11691	MN94-161045 x (Barnes x IA1009)	Helms	new	F4	SCN, Rps6
14.	ND04-12647	Sargent x MN0902CN	Helms	new	F4	SCN, Rps6
15.	ND04-13371	Barnes x SD96-33	Helms	new	F4	Rps6
16.	ND04-13418	Barnes x SD96-33	Helms	new	F4	Rps6
17.	ND05-17632	MN0302 x (ND95-1564 x MN0201)	Helms	new	F4	Rps1-k
18.	ND05-17656	MN0302 x (ND95-1564 x MN0201)	Helms	new	F4	Rps1-k
19.	ND05-17666	MN0302 x (ND95-1564 x MN0201)	Helms	new	F4	Rps1-k
20.	ND05-17835	MN0302 x ND95-1564	Helms	new	F4	Rps1-k
21.	ND05-17922	MN0302 x (Barnes x IA1009)	Helms	new	F4	SCN, Rps6
22.	ND05-17925	MN0302 x (Barnes x IA1009)	Helms	new	F4	SCN, Rps6
23.	ND05-17929	MN0302 x (Barnes x IA1009)	Helms	new	F4	SCN, Rps6
24.	ND05-17934	MN0302 x (Barnes x IA1009)	Helms	new	F4	SCN, Rps6
25.	ND05-18009	MN0302 x (ND95-1564 x MN0201)	Helms	new	F4	Rps1-k
26.	ND05-18121	Norpro x Traill	Helms	new	F5	
27.	ND05-18183	MN0302 x (ND95-1564 x MN0201)	Helms	new	F4	Rps1-k
28.	OAC 06-02	SECAN 00-35 x PS 55	Rajcan	new	F5	
29.	OAC 06-03	M95-116011 x SECAN 00-10 (A92-525014 x OAC Vision)	Rajcan	new	F5	
30.	OAC 06-08	(OAC Erin x OAC Wingham) x M95-116011	Rajcan	new	F5	

UNIFORM TEST 00, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis		Green Stem	Shattering	PR	
		Score		Score	Score	Lafayette	
		Lake Lillian MN	Wilkin County MN	St. Mathieu Que	Manhattan KS	Race 4	Race 7
MN0071 (00)	PTBIYBrI	3.5	1.8	0.0	1.0	S	S
Cavalier	PTBDYYI	3.4	2.0	0.0	1.0	R	S
Traill (0)	PTBIYYI	2.6	1.5	3.5	1.0	S	S
M00-307055	PGBDYIbI	3.1	1.3	2.0	1.0	S	S
M02-307028	PGBIYYI	2.6	1.6	0.0	1.0	S	S
M02-317003	PYYDYYI	2.9	1.6	4.0	1.0	R*	R*
M02-317010	PGB+TDYYI	3.8	1.6	1.5	1.0	R*	S
ND02-3783	PTBDYBrI	2.5	1.4	0.0	1.0	R	R*
ND03-6793	PGBIYYI	3.1	1.4	0.0	1.0	R	S
ND04-11549	PGBDYBfI	3.3	1.5	0.0	1.0	S*	S
ND04-11563	PGBDYYI	3.5	1.5	2.0	1.0	S	R*
ND04-11674	WGTYYYI	3.6	2.1	3.5	1.0	R	S
ND04-11691	WGBDYYI	3.9	2.6	3.0	1.0	S*	S
ND04-12647	WGTYYYI	4.1	2.0	3.0	1.0	R	S
ND04-13371	PGBDYBfI	3.6	2.9	2.5	1.0	R	S
ND04-13418	PGTDYBfI	3.5	2.6	2.5	1.0	R	S
ND05-17632	PTBDYYI	3.0	1.4	0.0	1.0	S	S
ND05-17656	PTBDYBr+BfI	3.3	1.3	4.5	1.0	R	S
ND05-17666	PTB+TDYBrI	4.0	1.3	4.0	1.0	R	R
ND05-17835	PGTDYBfI	3.6	1.8	2.5	1.0	R	R
ND05-17922	PGTDYBfI	3.3	1.4	4.0	1.0	R	R*
ND05-17925	PGTDYBfI	3.6	1.6	3.5	1.0	R	R*
ND05-17929	PGTDYBfI	4.1	1.5	4.5	1.0	R	R*
ND05-17934	PGTDYBfI	3.8	2.0	3.5	1.0	R	R*
ND05-18009	PGTDYBfI	3.3	1.6	3.0	1.0	R	R
ND05-18121	PTBDYYI	3.3	1.3	0.0	1.0	S	S
ND05-18183	PGTDYY+BfI	3.4	2.3	2.0	1.0	R	R
OAC 06-02	PTBDYDbrI	3.5	2.0	4.0	1.0	S	S
OAC 06-03	PBDYGrI	3.3	2.5	3.5	1.0	S	S
OAC 06-08	PTBDYDbrI	3.4	2.4	4.0	1.0	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

UNIFORM TEST 00, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 9 bu/a	Rank 9 No.	Maturity 10 Date	Lodging 10 Score	Plant Height 9 In	Seed Size 9 g/100	Seed Quality 8 Score	Composition	
								Protein 7 %	Oil 7 %
MN0071 (00)	41.2	27	9/13	1.2	30	14.6	1.5	34.5	18.1
Cavalier	44.1	18	1.6	1.1	29	17.0	1.8	34.5	17.4
Traill (0)	44.5	15	5.1	1.4	29	15.4	1.5	36.1	16.8
M00-307055	49.7	1	6.8	1.3	31	12.9	1.4	35.0	17.4
M02-307028	39.7	30	1.5	1.3	28	14.7	2.0	35.3	16.8
M02-317003	42.3	23	4.9	1.4	30	14.4	1.5	35.9	17.1
M02-317010	41.2	27	3.2	1.3	29	14.6	1.3	35.9	17.4
ND02-3783	41.8	26	-0.4	1.0	25	17.8	1.8	35.7	17.6
ND03-6793	44.3	16	1.6	1.2	30	18.6	1.9	35.4	17.7
ND04-11549	41.0	29	0.5	1.5	30	13.4	1.7	34.2	17.5
ND04-11563	42.4	22	3.6	1.1	27	16.8	1.8	33.1	18.0
ND04-11674	45.6	10	8.8	1.6	28	14.6	1.3	34.9	17.3
ND04-11691	45.1	13	6.6	1.9	31	15.9	1.7	35.2	17.6
ND04-12647	41.9	25	10.7	1.7	29	14.9	1.3	35.0	17.0
ND04-13371	46.9	4	8.4	1.5	33	15.2	1.6	34.3	17.9
ND04-13418	45.1	13	10.2	1.2	29	16.2	1.4	35.1	17.5
ND05-17632	42.0	24	4.1	1.3	31	16.0	2.1	35.6	17.2
ND05-17656	45.9	9	7.1	1.4	32	14.5	1.5	36.7	16.6
ND05-17666	44.0	19	11.0	1.8	34	13.1	1.4	35.1	17.1
ND05-17835	43.1	20	6.3	1.6	31	13.0	1.8	33.7	17.4
ND05-17922	46.5	6	10.5	1.4	32	13.7	1.2	35.2	17.7
ND05-17925	46.4	7	10.0	1.4	33	13.8	1.1	34.7	17.7
ND05-17929	47.5	3	10.7	1.4	33	13.9	1.3	35.1	17.6
ND05-17934	48.6	2	10.2	1.4	33	14.3	1.3	35.0	17.7
ND05-18009	44.3	16	9.9	1.6	34	14.8	1.4	34.7	17.7
ND05-18121	42.8	21	0.9	1.2	27	16.7	1.6	35.0	17.5
ND05-18183	46.0	8	4.7	1.4	32	13.9	1.5	35.1	16.9
OAC 06-02	46.8	5	6.1	1.1	30	14.7	1.4	34.1	17.7
OAC 06-03	45.6	10	4.2	1.1	31	16.0	1.9	35.5	17.7
OAC 06-08	45.4	12	6.8	1.4	29	17.0	1.7	34.6	17.1

115.9 Days After Planting

UNIFORM TEST 00, 2008**2007-2008 2-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	17 bu/a	17 No.	19 Date	17 Score	15 In.	17 g/100	16 Score	Protein 15 %	Oil 15 %
MN0071 (00)	41.2	4	9/11	1.2	29	14.8	1.5	33.6	18.4
Cavalier	41.8	3	2.4	1.1	27	16.7	1.6	33.8	17.6
Traill (0)	44.7	2	5.7	1.3	29	15.3	1.4	35.3	17.3
ND04-11549	41.0	6	1.1	1.4	30	13.5	1.7	33.4	18.0
ND04-11563	41.2	4	5.2	1.1	26	16.8	1.9	32.4	18.5
ND04-11674	46.2	1	8.5	1.4	29	15.0	1.5	33.9	17.8

113.8 Days After Planting

2006-2008 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	24	24	25	23	21	23	22	Protein 20	Oil 20
MN0071 (00)	42.0	5	9/9	1.1	28	15.3	1.4	33.6	18.7
Cavalier	44.2	3	3.1	1.1	28	17.2	1.6	33.6	17.8
Traill (0)	46.5	2	6.7	1.2	29	16.2	1.3	35.6	17.3
M00-307055	50.4	1	7.1	1.2	30	13.2	1.3	34.0	18.1
ND03-6793	43.4	4	2.9	1.1	29	18.6	1.7	34.8	18.3

111.6 Days After Planting

UNIFORM TEST 00, 2008

YIELD (bu/a)

Strain	Mean	Crookston MN	Moorhead* MN	Shelly MN	Casselton ND	Northwood ND	Dundalk ONT	Elora ONT	Ottawa ONT	La	St. Mathieu
	9 Tests									Pocatiere Que.	de-Beloeil Que.
MN0071 (00)	41.2	37.0	42.5	22.5	23.2	25.8	44.8	52.9	50.5	35.2	79.0
Cavalier	44.1	44.0	36.2	21.4	32.3	30.9	49.4	53.9	52.2	35.5	77.6
Traill (0)	44.5	42.8	29.5	24.8	39.7	28.1	42.1	51.3	50.7	33.6	87.8
M00-307055	49.7	48.1	46.4	35.9	35.0	31.1	43.7	59.3	56.9	48.7	88.5
M02-307028	39.7	42.8	43.5	26.6	19.7	20.5	40.0	52.3	51.8	26.5	77.3
M02-317003	42.3	42.1	41.6	31.9	25.1	25.6	42.4	48.4	48.0	34.0	83.3
M02-317010	41.2	40.4	41.1	29.7	26.0	23.5	44.2	48.9	50.3	33.8	73.7
ND02-3783	41.8	42.2	40.4	26.1	33.5	36.3	42.0	48.7	51.7	32.8	63.1
ND03-6793	44.3	46.4	31.8	23.4	35.2	36.0	47.1	47.8	46.6	36.7	79.7
ND04-11549	41.0	47.8	41.7	20.4	29.8	30.8	35.9	49.9	45.0	28.8	80.2
ND04-11563	42.4	40.6	41.9	24.7	34.9	27.1	34.8	54.7	53.8	28.1	82.7
ND04-11674	45.6	41.7	40.3	30.0	38.6	37.4	29.5	57.3	54.8	39.3	81.8
ND04-11691	45.1	43.8	20.5	21.1	36.2	34.5	41.9	51.6	50.7	41.4	85.0
ND04-12647	41.9	37.2	36.3	26.4	34.9	27.1	27.9	56.8	50.5	39.5	77.2
ND04-13371	46.9	41.1	35.7	33.5	32.3	32.5	39.4	53.8	55.0	46.9	87.3
ND04-13418	45.1	39.1	29.5	32.9	35.8	34.3	32.6	50.2	54.4	41.7	85.0
ND05-17632	42.0	38.9	23.1	29.6	30.6	40.0	40.8	44.7	46.9	29.3	77.6
ND05-17656	45.9	39.2	38.0	29.1	37.7	29.8	44.2	57.5	53.0	37.9	85.1
ND05-17666	44.0	41.0	35.4	28.9	30.8	28.2	37.7	56.2	53.2	37.4	82.7
ND05-17835	43.1	46.0	31.0	31.9	32.4	37.1	33.4	49.3	51.8	30.7	75.2
ND05-17922	46.5	43.8	27.9	31.8	37.9	39.1	32.9	51.7	54.6	35.9	90.5
ND05-17925	46.4	48.7	38.1	32.3	40.6	28.3	35.6	51.9	59.6	36.0	84.5
ND05-17929	47.5	47.6	40.5	31.8	40.0	29.9	41.4	53.1	55.6	39.0	88.7
ND05-17934	48.6	45.9	40.3	33.7	36.1	32.9	44.1	53.5	57.6	41.1	92.4
ND05-18009	44.3	41.3	34.6	28.7	32.6	23.8	39.9	53.0	54.0	41.6	83.7
ND05-18121	42.8	43.5	44.9	25.9	33.6	32.0	41.3	51.1	45.0	35.9	76.8
ND05-18183	46.0	44.6	44.4	32.3	35.5	30.9	44.1	51.8	55.3	37.9	82.0
OAC 06-02	46.8	42.5	31.8	30.3	36.3	34.4	42.1	61.7	54.8	32.7	86.6
OAC 06-03	45.6	37.5	35.9	25.5	36.4	30.1	46.5	57.8	57.3	36.7	82.9
OAC 06-08	45.4	41.1	29.8	24.0	34.1	29.0	46.4	60.8	54.8	31.0	87.8
Location Mean		42.6	36.5	28.2	33.6	30.9	40.3	53.1	52.5	36.2	82.2
C.V. (%)		8.6	*	11.4	13.3	15.4	7.2	4.7	6.8	10.9	6.5
L.S.D. (5%)		6.0	*	5.3	7.7	7.7	6.0	5.1	4.9	5.4	10.9
Row Sp. (in.)		12	10	10	30	30	14	14	16	15	7
Rows/Plot		8	8	8	4	4	4	4	4	4	5
Reps		3	3	3	3	3	2	2	3	3	2

*Data not included in mean. Moorhead yield from 1st rep only.

UNIFORM TEST 00, 2008

YIELD RANK

Strain	Yield Rank	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Dundalk ONT	Elora ONT	Ottawa ONT	La	St. Mathieu
										Pocatiere Que.	de-Beloeil Que.
MN0071 (00)	27	30	5	27	29	26	5	15	23	19	22
Cavalier	18	9	17	28	22	14	1	10	17	18	24
Traill (0)	15	13	26	23	3	23	12	21	22	22	6
M00-307055	1	2	1	1	14	13	10	3	4	1	4
M02-307028	30	13	4	18	30	30	19	16	19	30	25
M02-317003	23	17	8	7	28	27	11	28	26	20	14
M02-317010	27	24	9	13	27	29	6	26	25	21	29
ND02-3783	26	16	11	20	19	5	14	27	20	23	30
ND03-6793	16	5	22	26	13	6	2	29	28	13	21
ND04-11549	29	3	7	30	26	16	23	24	30	28	20
ND04-11563	22	23	6	24	15	24	25	9	14	29	16
ND04-11674	10	18	12	12	4	3	29	6	10	8	19
ND04-11691	13	10	30	29	9	7	15	20	21	5	11
ND04-12647	25	29	16	19	15	24	30	7	24	7	26
ND04-13371	4	20	19	3	22	11	21	11	7	2	7
ND04-13418	13	26	26	4	11	9	28	23	12	3	10
ND05-17632	24	27	29	14	25	1	18	30	27	27	23
ND05-17656	9	25	15	15	6	19	6	5	16	10	9
ND05-17666	19	22	20	16	24	22	22	8	15	12	17
ND05-17835	20	6	24	7	21	4	26	25	18	26	28
ND05-17922	6	10	28	9	5	2	27	19	11	16	2
ND05-17925	7	1	14	5	1	21	24	17	1	15	12
ND05-17929	3	4	10	9	2	18	16	14	5	9	3
ND05-17934	2	7	12	2	10	10	8	12	2	6	1
ND05-18009	16	19	21	17	20	28	20	13	13	4	13
ND05-18121	21	12	2	21	18	12	17	22	29	16	27
ND05-18183	8	8	3	5	12	14	8	18	6	10	18
OAC 06-02	5	15	22	11	8	8	12	1	9	24	8
OAC 06-03	10	28	18	22	7	17	3	4	3	13	15
OAC 06-08	12	20	25	25	17	20	4	2	8	25	5

UNIFORM TEST 00, 2008

MATURITY (date)

Strain	Mean	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Dundalk ONT	Elora ONT	Ottawa ONT	La	St. Mathieu
	10 Tests									Pocatiere Que.	de-Beloeil Que.
MN0071 (00)	9/13	9/20	9/19	9/16	9/18	9/16	9/22	9/15	9/10	8/24	9/3
Cavalier	1.6	-1	4	4	0	3	0	-2	2	6	0
Traill (0)	5.1	1	9	9	2	6	4	2	7	7	4
M00-307055	6.8	1	9	10	3	9	12	2	5	12	5
M02-307028	1.5	0	4	3	1	4	2	1	1	0	-1
M02-317003	4.9	3	6	7	2	7	6	0	7	6	5
M02-317010	3.2	-1	4	6	1	6	2	1	2	7	4
ND02-3783	-0.4	-3	0	2	0	1	-1	-6	1	2	0
ND03-6793	1.6	0	4	3	1	2	2	-4	0	7	1
ND04-11549	0.5	-1	3	3	0	3	-1	-4	1	1	0
ND04-11563	3.6	4	6	3	2	5	3	2	6	0	5
ND04-11674	8.8	10	14	11	6	6	10	4	9	12	6
ND04-11691	6.6	9	13	6	4	7	6	0	7	9	5
ND04-12647	10.7	13	16	15	5	12	9	7	10	12	8
ND04-13371	8.4	9	10	13	5	6	13	3	6	12	7
ND04-13418	10.2	14	14	17	6	7	12	4	9	12	7
ND05-17632	4.1	0	10	7	0	6	5	2	4	7	0
ND05-17656	7.1	1	14	11	4	7	6	4	9	9	6
ND05-17666	11.0	9	17	19	5	13	11	7	10	12	7
ND05-17835	6.3	2	7	13	1	7	11	4	2	12	4
ND05-17922	10.5	6	14	18	4	14	15	4	9	12	9
ND05-17925	10.0	6	16	15	6	8	14	5	9	12	9
ND05-17929	10.7	5	17	18	5	11	15	5	10	12	9
ND05-17934	10.2	5	16	17	5	9	13	5	11	12	9
ND05-18009	9.9	8	15	16	5	11	12	4	9	11	8
ND05-18121	0.9	-1	5	4	0	0	-1	-3	0	6	-1
ND05-18183	4.7	5	5	9	1	6	4	1	3	9	4
OAC 06-02	6.1	7	11	10	3	5	1	3	5	9	7
OAC 06-03	4.2	3	5	6	2	6	1	0	6	9	4
OAC 06-08	6.8	7	15	7	5	7	3	3	6	9	6
Date Planted	5/20	5/13	5/27	5/28	5/15	5/15	5/26	5/15	5/22	5/25	5/17
Days to Mature	116	130	115	111	126	124	119	123	111	91	109

UNIFORM TEST 00, 2008

LODGING (score)

Strain	Mean	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Dundalk ONT	Elora ONT	Ottawa ONT	La	St. Mathieu
	10 Tests									Pocatiere Que.	de-Beloeil Que.
MN0071 (00)	1.2	1.0	1.3	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.5
Cavalier	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.3	1.0	1.0
Traill (0)	1.4	1.7	1.3	1.3	1.0	1.0	1.1	1.2	2.6	1.3	1.0
M00-307055	1.3	1.0	1.3	1.0	1.0	1.0	1.1	1.0	2.2	1.7	2.0
M02-307028	1.3	1.0	1.7	1.3	1.0	1.0	1.0	1.0	2.0	1.0	2.0
M02-317003	1.4	1.7	1.3	1.0	1.0	1.0	1.0	1.0	2.8	1.0	2.0
M02-317010	1.3	1.0	1.3	1.3	1.0	1.0	1.0	1.0	2.3	1.7	1.5
ND02-3783	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0
ND03-6793	1.2	1.3	1.7	1.0	1.0	1.0	1.0	1.0	1.5	1.0	1.0
ND04-11549	1.5	1.0	1.7	1.0	1.0	1.0	1.0	1.0	2.8	1.0	3.5
ND04-11563	1.1	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0
ND04-11674	1.6	2.3	2.0	1.0	1.0	1.0	1.0	1.1	2.3	1.3	3.0
ND04-11691	1.9	3.7	1.3	1.0	1.0	1.0	1.2	1.0	3.1	1.7	4.0
ND04-12647	1.7	1.7	2.0	1.0	1.0	1.0	1.0	1.0	2.6	2.0	3.5
ND04-13371	1.5	1.3	1.3	1.0	1.0	1.0	1.0	1.0	3.1	2.0	2.5
ND04-13418	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.3	2.0
ND05-17632	1.3	1.0	1.3	1.0	1.0	1.0	1.2	1.0	1.8	1.3	2.0
ND05-17656	1.4	1.0	1.7	1.0	1.0	1.0	1.0	1.0	2.8	1.3	2.0
ND05-17666	1.8	1.7	1.3	1.0	1.0	1.0	1.2	1.5	2.8	2.0	4.0
ND05-17835	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.8	2.0	4.0
ND05-17922	1.4	1.0	1.3	1.0	1.0	1.0	1.1	1.0	2.0	1.0	3.5
ND05-17925	1.4	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.9	1.3	3.0
ND05-17929	1.4	1.0	1.3	1.0	1.0	1.0	1.5	1.0	2.3	1.3	3.0
ND05-17934	1.4	1.0	1.3	1.0	1.0	1.0	1.1	1.0	2.0	1.3	3.0
ND05-18009	1.6	1.7	1.3	1.0	1.0	1.0	1.0	1.0	2.7	1.7	4.0
ND05-18121	1.2	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.4	1.0	1.0
ND05-18183	1.4	1.7	1.3	1.0	1.0	1.0	1.0	1.2	2.3	1.3	2.5
OAC 06-02	1.1	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.8	1.3	1.0
OAC 06-03	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.0	1.0
OAC 06-08	1.4	1.0	2.7	1.0	1.0	1.0	1.0	1.0	2.6	1.0	1.5

UNIFORM TEST 00, 2008

PLANT HEIGHT (inches)

Strain	Mean	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Dundalk ONT	Elora ONT	Ottawa ONT	La	St. Mathieu
	9 Tests									Pocatiere Que.	de-Beloeil Que.
MN0071 (00)	30	24	26	22	27		39	39	36	24	29
Cavalier	29	26	25	19	26		36	34	34	29	28
Traill (0)	29	27	26	22	29		34	33	35	25	30
M00-307055	31	27	27	25	31		33	35	39	29	32
M02-307028	28	27	26	23	27		34	30	37	20	28
M02-317003	30	27	30	26	29		32	34	37	23	30
M02-317010	29	24	27	24	28		33	33	35	27	29
ND02-3783	25	23	21	20	26		28	29	31	26	24
ND03-6793	30	27	23	21	26		35	37	37	29	31
ND04-11549	30	27	28	24	29		35	35	40	24	31
ND04-11563	27	25	25	23	29		30	32	35	21	27
ND04-11674	28	20	27	24	29		30	31	35	27	31
ND04-11691	31	28	26	25	31		35	35	38	30	33
ND04-12647	29	22	28	24	26		32	32	37	31	32
ND04-13371	33	27	30	26	32		36	38	40	34	33
ND04-13418	29	25	27	25	30		28	36	35	26	32
ND05-17632	31	27	28	27	28		33	35	39	28	31
ND05-17656	32	29	30	26	33		36	36	37	27	33
ND05-17666	34	32	30	24	32		35	43	45	28	39
ND05-17835	31	30	28	26	30		33	36	38	25	32
ND05-17922	32	30	32	27	31		31	36	38	27	37
ND05-17925	33	30	34	26	35		33	36	40	27	36
ND05-17929	33	30	33	28	33		36	36	39	26	36
ND05-17934	33	29	31	27	34		34	35	42	31	38
ND05-18009	34	30	32	28	33		35	40	41	32	34
ND05-18121	27	25	24	22	25		30	31	32	25	28
ND05-18183	32	28	31	27	30		35	35	37	28	33
OAC 06-02	30	24	27	24	28		35	37	38	28	31
OAC 06-03	31	27	26	21	30		40	38	39	30	30
OAC 06-08	29	25	28	22	31		34	40	28	26	31

UNIFORM TEST 00, 2008

SEED SIZE (g/100)

Strain	Mean	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Dundalk ONT	Elora ONT	Ottawa ONT	La	St. Mathieu
	9 Tests									Pocatiere Que.	de-Beloeil Que.
MN0071 (00)	14.6	13.9	14.2	11.7		11.8	15.3	15.8	17.9	16.0	15.2
Cavalier	17.0	14.9	16.1	13.4		13.4	19.5	19.0	20.3	17.5	19.0
Traill (0)	15.4	13.5	14.1	12.5		12.0	16.5	16.6	19.5	15.6	18.0
M00-307055	12.9	11.9	11.4	10.9		10.4	16.1	13.2	16.0	11.8	14.6
M02-307028	14.7	14.5	14.9	12.9		13.4	14.6	15.5	19.5	13.0	14.0
M02-317003	14.4	14.1	13.7	11.3		12.0	14.9	16.1	18.4	13.0	16.2
M02-317010	14.6	13.5	14.7	12.1		12.8	15.0	14.6	18.2	12.9	17.2
ND02-3783	17.8	16.0	17.1	14.9		16.3	20.5	16.9	21.1	18.4	19.2
ND03-6793	18.6	17.1	17.2	13.2		17.1	22.8	19.7	22.0	19.3	18.9
ND04-11549	13.4	12.5	13.5	10.8		12.1	14.5	13.5	17.5	11.9	14.2
ND04-11563	16.8	15.0	17.1	12.9		13.4	17.7	18.2	19.9	16.9	20.0
ND04-11674	14.6	14.1	13.1	12.3		12.4	17.3	16.0	18.2	13.4	14.9
ND04-11691	15.9	15.2	15.7	11.2		13.6	17.1	16.7	19.9	14.6	19.4
ND04-12647	14.9	14.2	13.5	11.7		12.9	17.2	16.8	17.9	14.3	15.9
ND04-13371	15.2	14.8	13.7	12.8		12.4	18.5	15.6	18.1	14.4	16.7
ND04-13418	16.2	15.4	15.4	13.6		13.9	18.1	16.6	20.0	13.7	19.0
ND05-17632	16.0	14.7	15.0	13.4		13.6	17.7	16.3	19.0	15.7	19.0
ND05-17656	14.5	14.4	13.8	13.3		12.6	14.8	13.9	18.5	12.3	16.6
ND05-17666	13.1	12.6	11.7	10.5		11.7	15.1	12.7	15.9	12.2	15.1
ND05-17835	13.0	12.9	13.0	11.6		11.4	14.5	12.7	15.6	11.2	13.9
ND05-17922	13.7	13.2	12.9	11.5		13.1	14.9	14.1	16.0	12.1	15.4
ND05-17925	13.8	13.9	13.4	11.9		11.6	15.4	13.6	15.9	11.6	17.0
ND05-17929	13.9	12.9	13.7	12.2		11.9	15.1	14.3	16.5	11.9	16.2
ND05-17934	14.3	14.6	13.8	11.7		12.6	15.1	14.5	16.9	12.8	16.5
ND05-18009	14.8	13.8	14.2	13.6		13.1	15.2	15.1	18.1	13.4	17.1
ND05-18121	16.7	15.3	16.9	13.6		14.5	16.2	17.5	21.2	17.1	17.8
ND05-18183	13.9	13.0	13.6	13.1		11.6	13.6	14.4	18.3	12.3	15.6
OAC 06-02	14.7	13.5	14.8	12.9		11.6	14.6	16.1	18.1	13.7	17.1
OAC 06-03	16.0	15.2	14.9	13.7		13.2	16.0	16.7	20.6	16.2	17.2
OAC 06-08	17.0	15.4	16.4	14.3		14.1	18.8	18.0	20.8	17.7	17.5

UNIFORM TEST 00, 2008

SEED QUALITY (score)

Strain	Mean	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Dundalk ONT	Elora ONT	Ottawa ONT	La	St. Mathieu
	8 Tests									Pocatiere Que.	de-Beloeil Que.
MN0071 (00)	1.5	1.5	2.0	1.5		1.0	1.5	1.5	2.0		1.1
Cavalier	1.8	2.5	1.5	1.5		1.0	1.5	2.0	3.0		1.0
Traill (0)	1.5	1.5	1.0	2.0		1.0	1.5	2.0	2.0		1.0
M00-307055	1.4	1.5	1.5	1.0		1.0	2.0	1.5	1.7		1.0
M02-307028	2.0	2.5	1.5	3.0		2.0	1.5	1.0	2.7		1.4
M02-317003	1.5	2.0	1.5	1.5		1.0	1.5	1.5	2.3		1.0
M02-317010	1.3	2.0	1.0	1.5		1.0	1.5	1.0	1.7		1.0
ND02-3783	1.8	2.0	1.5	3.0		1.0	1.5	1.5	2.7		1.0
ND03-6793	1.9	2.0	1.5	3.0		1.0	2.0	1.5	2.7		1.5
ND04-11549	1.7	1.5	2.0	2.0		1.0	1.5	1.5	2.3		2.0
ND04-11563	1.8	1.0	2.0	1.5		1.0	2.0	3.0	2.7		1.5
ND04-11674	1.3	2.0	1.0	1.0		1.0	1.0	1.5	1.7		1.0
ND04-11691	1.7	1.5	1.5	2.0		1.0	2.0	2.0	2.7		1.0
ND04-12647	1.3	2.0	2.0	1.0		1.0	1.0	1.0	1.3		1.0
ND04-13371	1.6	2.5	1.5	1.5		1.0	2.0	1.5	1.7		1.1
ND04-13418	1.4	1.5	1.5	1.5		1.0	1.5	1.5	1.3		1.0
ND05-17632	2.1	2.5	1.5	2.0		2.0	2.0	2.5	2.7		1.5
ND05-17656	1.5	1.5	1.5	1.0		1.0	2.5	1.5	2.0		1.0
ND05-17666	1.4	1.5	1.5	1.0		1.0	1.5	2.0	1.7		1.0
ND05-17835	1.8	2.0	2.0	1.0		1.0	3.0	2.0	2.3		1.0
ND05-17922	1.2	1.0	1.5	1.5		1.0	1.5	1.0	1.0		1.0
ND05-17925	1.1	1.0	1.5	1.0		1.0	1.5	1.0	1.0		1.0
ND05-17929	1.3	1.0	1.5	1.5		1.0	1.5	1.5	1.3		1.0
ND05-17934	1.3	1.5	2.0	1.0		1.0	1.5	1.0	1.0		1.0
ND05-18009	1.4	1.5	2.0	1.5		1.0	1.5	1.0	1.7		1.0
ND05-18121	1.6	2.0	1.5	2.0		1.0	1.5	1.5	2.0		1.0
ND05-18183	1.5	1.5	1.5	2.0		1.0	2.5	1.0	1.3		1.4
OAC 06-02	1.4	1.0	1.5	1.5		1.0	1.5	1.5	2.0		1.0
OAC 06-03	1.9	2.5	2.0	2.0		1.0	1.5	2.5	3.0		1.0
OAC 06-08	1.7	1.0	2.0	2.0		1.0	2.0	2.0	2.3		1.0

UNIFORM TEST 00, 2008

PROTEIN (%)

Strain	Mean 7 Tests	Crookston MN	Moorehead MN	Shelly MN	Ottawa ONT	Dundalk ONT	Elora ONT	St. Mathieu de-Beloeil Que.
MN0071 (00)	34.5	32.8	33.6	35.0	36.1	33.4	35.1	35.2
Cavalier	34.5	32.6	33.9	33.4	37.0	34.6	34.9	34.9
Traill (0)	36.1	35.3	33.8	35.1	39.6	35.1	37.1	36.8
M00-307055	35.0	33.4	32.7	33.3	37.0	36.3	36.7	35.8
M02-307028	35.3	34.5	34.4	35.8	37.6	33.1	35.1	36.6
M02-317003	35.9	35.2	34.9	34.6	38.8	34.1	36.7	37.0
M02-317010	35.9	35.5	35.6	35.6	37.2	34.6	36.2	37.0
ND02-3783	35.7	34.9	34.3	35.4	37.2	36.5	36.5	35.5
ND03-6793	35.4	34.7	34.6	34.4	37.3	35.8	35.3	35.3
ND04-11549	34.2	33.1	32.8	34.5	36.3	33.3	34.5	34.8
ND04-11563	33.1	33.2	31.2	32.8	34.7	34.4	33.0	32.8
ND04-11674	34.9	34.0	32.7	32.9	37.7	35.1	35.9	36.2
ND04-11691	35.2	35.3	32.3	37.0	37.4	33.4	36.0	35.3
ND04-12647	35.0	33.8	32.4	34.4	37.7	34.5	36.4	36.2
ND04-13371	34.3	33.4	32.1	31.8	36.5	35.6	35.7	35.1
ND04-13418	35.1	34.6	31.9	33.8	37.0	36.2	36.5	35.5
ND05-17632	35.6	34.4	33.5	35.2	37.1	36.0	36.8	36.3
ND05-17656	36.7	35.2	35.1	36.2	39.1	36.5	37.1	38.0
ND05-17666	35.1	34.5	32.9	33.0	37.1	36.0	35.9	36.6
ND05-17835	33.7	32.8	32.9	31.9	35.5	33.6	34.8	34.6
ND05-17922	35.2	34.1	35.0	32.8	36.5	36.5	35.6	36.3
ND05-17925	34.7	33.7	33.1	32.3	36.6	35.9	35.1	36.0
ND05-17929	35.1	33.5	33.8	33.6	36.7	36.6	35.1	36.4
ND05-17934	35.0	34.2	33.4	33.3	36.9	35.6	35.6	36.1
ND05-18009	34.7	34.1	34.7	33.3	36.5	33.1	35.3	35.6
ND05-18121	35.0	34.0	34.3	32.5	38.5	33.3	36.4	36.3
ND05-18183	35.1	33.9	33.5	34.3	36.9	34.5	36.0	36.3
OAC 06-02	34.1	32.4	32.1	32.7	37.4	32.5	35.4	36.4
OAC 06-03	35.5	35.1	35.2	33.1	39.1	32.8	36.6	36.4
OAC 06-08	34.6	33.4	32.6	33.2	37.3	33.5	36.3	35.7

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST 00, 2008

OIL (%)

Strain	Mean 7 Tests	Crookston MN	Moorehead MN	Shelly MN	Ottawa ONT	Dundalk ONT	Elora ONT	St. Mathieu de-Beloeil Que.
MN0071 (00)	18.1	19.5	18.0	18.4	18.1	17.7	17.8	17.1
Cavalier	17.4	18.2	19.2	17.4	16.7	17.1	16.8	16.7
Traill (0)	16.8	16.8	18.6	17.2	15.9	17.1	16.2	16.2
M00-307055	17.4	18.2	18.5	17.9	17.4	16.4	16.4	17.0
M02-307028	16.8	16.9	17.8	17.0	16.7	16.9	16.6	15.9
M02-317003	17.1	16.9	17.0	16.8	16.9	17.3	17.6	17.0
M02-317010	17.4	17.3	17.2	17.2	18.2	17.7	17.1	17.2
ND02-3783	17.6	17.6	18.1	18.0	17.7	17.9	17.1	16.9
ND03-6793	17.7	18.1	18.4	18.4	17.7	17.1	17.1	17.4
ND04-11549	17.5	17.8	19.0	17.2	17.5	17.3	17.0	17.0
ND04-11563	18.0	18.4	18.8	18.2	18.4	17.5	17.7	17.3
ND04-11674	17.3	19.0	17.7	17.5	17.0	16.8	16.4	16.4
ND04-11691	17.6	18.3	19.1	16.1	17.7	17.9	17.1	17.2
ND04-12647	17.0	17.5	17.8	16.9	16.9	16.9	16.1	16.7
ND04-13371	17.9	18.0	18.8	18.3	18.1	16.9	17.3	17.7
ND04-13418	17.5	17.8	19.1	17.8	17.7	16.7	16.4	17.0
ND05-17632	17.2	17.2	17.7	16.7	17.7	17.3	17.2	16.9
ND05-17656	16.6	16.9	17.1	16.1	16.6	17.1	16.3	16.0
ND05-17666	17.1	17.9	17.5	17.2	16.9	17.4	16.8	16.4
ND05-17835	17.4	17.3	18.1	17.9	17.7	17.3	16.7	16.8
ND05-17922	17.7	18.1	18.5	18.0	18.0	16.8	17.5	17.0
ND05-17925	17.7	17.9	18.1	18.0	18.1	17.0	17.5	17.3
ND05-17929	17.6	18.2	17.8	17.7	17.9	16.7	17.6	17.1
ND05-17934	17.7	18.5	18.1	17.6	17.8	17.3	17.7	17.2
ND05-18009	17.7	18.1	17.9	17.7	18.1	17.4	17.3	17.3
ND05-18121	17.5	17.6	18.5	18.2	16.5	18.4	17.0	16.5
ND05-18183	16.9	17.5	17.8	17.0	16.9	16.9	16.2	16.1
OAC 06-02	17.7	17.6	18.4	17.6	17.2	18.2	17.6	17.1
OAC 06-03	17.7	17.9	17.1	17.8	17.1	19.0	17.7	17.1
OAC 06-08	17.1	17.2	18.1	16.7	17.1	17.2	16.6	16.8

Uniform Test 0, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	Sheyenne (0)	Pioneer 9071 x A96-492041	Helms	2	F4	Rps1-c
2.	MN1410 (I)	MN0302 x Archer	Orf	1	F5	Rps1k, BSR
3.	Surge (L)	A86-204022 x Kato	Scott	9	F5	
4.	Trall (E)	M82-996 x Sigco KG20	Helms	12	F5	
5.	MN0606CN (SCN)	MN0901 x MN0902CN	Orf	SCN UT0	F5	SCN
6.	M00-326087	MN1005 x MN0091	Orf	1	F5	Rps1
7.	M01-213045	OAC98-01 x Lambert	Orf	PT0	F5	
8.	M01-242042	MN0302 x PI495831	Orf	PT0	F5	Diversity
9.	M01-278013	M94-161045 x OAC98-12	Orf	PT0	F5	
10.	ND02-2367	ND95-952 x Council	Helms	PT0	F4	Rps6
11.	ND03-7566	Barnes x MN0902CN	Helms	PT0	F4	SCN
12.	ND04-11421	(SD96-702 x Loda) x MN0902CN	Helms	UT00	F4	SCN
13.	ND04-11674	M94-161045 x (Barnes x IA1009)	Helms	PT0	F4	Rps6
14.	ND04-12541	Sargent x MN0902CN	Helms	UT00	F4	SCN, Rps6
15.	ND04-12567	Sargent x MN0902CN	Helms	PT0	F4	SCN, Rps6
16.	ND04-12647	Sargent x MN0902CN	Helms	PT0	F4	SCN, Rps6
17.	OAC 05-17	RCAT 99-01 x OAC 00-01	Rajcan	1	F5	
18.	OAC 05-21	OT 99-2 x OAC 00-17	Rajcan	1	F5	
19.	OAC 05-30	OAC Clinton x PH9718	Rajcan	PT0	F5	
20.	SD02-833	Surge x Pion 9151	Scott	2	F4	Rps1-k
21.	SD03-1537	Pioneer 9092 x A96-492041	Scott	1	F5	Rps1-k
22.	SD03-2154	Surge x A96-492041	Scott	1	F5	Rps1-k
23.	SD04CV-564	Surge x LN93-14408	Scott	PT0	F4	
24.	SD04CV-611	Surge x A96-591033	Scott	PT0	F4	
25.	SD04CV-613	Surge x A96-591033	Scott	PT0	F4	

UNIFORM TEST 0, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis		Green Stem	Shattering	PR	
		Score		Score	Score	Lafayette	
		Lake Lillian MN	Wilkin County MN	St. Mathieu Que	Manhattan KS	Race 4	Race 7
Sheyenne (0)	PGBDYI	3.6	1.9	3.1	1.0	S	R
MN1410 (I)	WGBDYBfI	4.0	1.6	4.2	1.0	S*	S*
Surge (L)	PGBDYIbI	4.4	1.9	2.9	1.0	S	S
Traill (E)	PTBIYYI	3.5	1.5	3.1	1.0	S	S
MN0606CN (SCN)	WTTDYI	4.0	2.6	4.4	1.0	S	S
M00-326087	WTBDYYI	3.6	2.0	4.3	1.0	S	R*
M01-213045	WGBDYBfI	3.6	2.6	3.9	1.0	S	S
M01-242042	PGTDDLbI	3.5	2.0	3.4	1.0	S	S
M01-278013	PGBDYY+LbI	4.0	2.8	4.0	1.0	R*	S
ND02-2367	PGBDYI	3.4	1.6	3.5	1.0	R	S
ND03-7566	WTBDYYBfI	3.4	1.4	4.4	1.0	R*	S
ND04-11421	PTT+BDYBII	3.3	1.6	3.1	1.0	S	S
ND04-11674	WGBDYI	4.1	3.0	3.6	1.0	R	S
ND04-12541	WTBDYYI	4.4	2.1	4.1	1.0	R	S
ND04-12567	WGBDYI	4.3	2.8	4.7	1.0	R	S
ND04-12647	WGBDYI	3.3	2.1	3.0	1.0	R	S
OAC 05-17	PTBDYBrI	3.6	3.6	4.7	1.0	S	S
OAC 05-21	WTBDYBrI	3.4	1.8	4.2	1.0	S	S
OAC 05-30	PTBDYYI	3.4	3.8	3.5	1.0	S	S
SD02-833	PTBDYBII	3.4	2.3	3.6	1.0	R	R
SD03-1537	PTBDYGrI	4.4	3.0	3.9	1.0	R	R
SD03-2154	PGBDYGrI	3.1	3.1	2.8	1.0	R	R
SD04CV-564	PGBDYIbI	3.5	2.4	2.1	1.0	S	S
SD04CV-611	PTBDYBII	3.9	2.6	4.9	1.0	S	S
SD04CV-613	PGBDYIbI	3.3	4.1	2.1	1.0	S	S

PR: * = *P. sojæ* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

UNIFORM TEST 0, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 7 bu/a	Rank 7 No.	Maturity 8 Date	Lodging 8 Score	Plant Height 7 In.	Seed Size 7 g/100	Seed Quality 7 Score	Composition	
								Protein 6 %	Oil 6 %
Sheyenne (0)	55.6	4	9/19	1.4	32	15.2	1.7	34.5	17.7
MN1410 (I)	59.7	1	7.6	2.2	37	16.3	1.5	35.5	17.8
Surge (L)	53.9	9	-0.4	2.0	35	19.1	1.6	36.9	17.3
Trill (E)	43.6	24	-4.4	1.2	29	16.7	1.7	37.3	16.8
MN0606CN (SCN)	48.6	17	-0.5	1.5	32	14.7	1.7	35.9	17.3
M00-326087	42.7	25	-1.9	1.6	32	20.8	1.9	37.6	16.7
M01-213045	54.3	8	-1.8	1.6	35	12.9	1.5	35.0	17.6
M01-242042	43.7	23	-0.5	1.3	30	16.1	1.9	36.6	17.1
M01-278013	51.9	13	2.5	1.7	33	16.1	1.6	34.4	18.4
ND02-2367	49.8	16	-3.0	1.2	31	16.1	1.7	34.4	18.1
ND03-7566	46.5	19	-1.1	1.2	31	14.6	1.9	36.6	17.1
ND04-11421	45.2	22	-5.1	1.1	29	16.4	1.7	37.2	16.5
ND04-11674	47.7	18	-3.9	1.4	29	16.1	1.9	35.6	17.4
ND04-12541	46.3	20	-4.3	1.1	28	16.1	2.0	36.9	16.8
ND04-12567	51.7	14	0.4	1.4	32	16.2	1.6	35.7	17.2
ND04-12647	45.6	21	-4.8	1.4	29	16.2	1.8	35.9	17.3
OAC 05-17	55.1	7	5.3	1.8	36	15.3	1.8	33.1	18.5
OAC 05-21	59.6	2	5.8	1.5	35	18.0	1.5	35.1	17.8
OAC 05-30	52.5	12	7.1	1.8	31	17.6	1.7	34.3	17.6
SD02-833	55.2	6	5.5	2.4	38	17.5	1.8	35.6	17.2
SD03-1537	53.1	11	5.3	1.8	37	15.9	2.1	36.0	16.9
SD03-2154	56.6	4	-0.1	1.8	33	17.5	1.6	35.9	17.4
SD04CV-564	51.4	15	1.5	1.8	32	18.2	1.5	35.7	17.9
SD04CV-611	53.7	10	3.5	1.9	32	19.8	1.6	37.0	17.2
SD04CV-613	57.0	3	5.4	2.0	33	19.3	1.5	36.5	17.1

122.8 Days After Planting

UNIFORM TEST 0, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	14 bu/a	14 No.	15 Date	16 Score	13 In.	15 g/100	15 Score	14 %	14 %
Sheyenne (0)	52.8	5	9/17	1.4	31	15.9	1.7	33.8	18.1
MN1410 (I)	56.2	1	8.7	2.0	35	17.5	1.5	35.5	18.1
Surge (L)	50.5	7	2.2	1.7	32	20.1	1.5	36.2	17.9
Trails (E)	41.9	9	-6.1	1.5	28	16.8	1.6	36.3	17.4
M00-326087	45.4	8	-1.4	1.6	31	19.2	1.7	36.3	17.3
OAC 05-17	53.6	4	6.0	1.8	35	15.8	1.8	32.2	19.2
OAC 05-21	55.8	2	5.4	1.5	34	18.4	1.4	34.5	18.2
SD03-1537	52.1	6	7.3	1.9	36	17.0	1.9	35.6	17.5
SD03-2154	53.7	3	0.5	1.9	32	17.6	1.7	35.2	18.0

119.0 Days After Planting

2006-2008 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	20	20	23	24	20	23	23	22	22
Sheyenne (0)	54.6	1	9/17	1.3	31	16.3	1.8	33.9	18.0
Surge (L)	52.4	3	1.8	1.5	31	20.5	1.5	36.2	17.8
Trails (E)	43.3	4	-6.3	1.4	28	17.0	1.7	36.4	17.3
SD02-833	54.3	2	6.0	2.0	36	19.1	1.6	35.4	17.5

117.6 Days After Planting

UNIFORM TEST 0, 2008

YIELD (bu/a)

Strain	Mean	Morris MN	Rosemount MN	Casselton* ND	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu	Aurora SD
	7 Tests							de-Beloeil Que.	
Sheyenne (0)	55.6	31.3	35.8	37.2	61.7	69.4	48.8	99.0	43.0
MN1410 (I)	59.7	42.5	44.2	36.6	63.0	75.9	54.6	94.8	43.0
Surge (L)	53.9	37.3	38.6	42.6	54.9	77.6	43.2	83.3	42.4
Traill (E)	43.6	25.4	22.4	33.8	50.7	57.9	36.4	77.7	35.0
MN0606CN (SCN)	48.6	35.1	26.9	33.0	53.5	62.5	42.4	80.4	39.7
M00-326087	42.7	21.9	25.3	30.8	42.8	64.9	30.8	77.4	36.0
M01-213045	54.3	34.2	38.8	34.1	56.1	64.8	51.1	92.1	43.1
M01-242042	43.7	24.2	28.0	24.3	44.3	58.2	37.3	80.1	34.0
M01-278013	51.9	35.1	39.6	37.2	55.4	61.9	42.6	86.2	42.6
ND02-2367	49.8	23.2	31.3	45.1	58.0	65.2	50.8	82.1	38.1
ND03-7566	46.5	31.5	29.2	38.1	51.0	61.3	32.4	80.2	40.1
ND04-11421	45.2	24.8	30.1	36.7	49.3	59.5	40.6	75.2	36.6
ND04-11674	47.7	28.7	26.3	34.3	57.2	73.2	35.3	78.3	35.2
ND04-12541	46.3	28.0	24.7	38.7	50.8	61.8	33.8	82.3	42.6
ND04-12567	51.7	33.7	36.5	38.4	57.8	63.6	39.8	88.7	41.6
ND04-12647	45.6	28.0	32.0	33.1	52.7	58.7	38.6	73.1	36.3
OAC 05-17	55.1	32.4	42.2	32.5	59.4	70.6	54.8	88.1	38.5
OAC 05-21	59.6	33.1	41.3	34.9	59.5	78.2	67.2	95.9	42.0
OAC 05-30	52.5	32.5	41.9	24.6	54.6	71.5	42.9	89.5	34.6
SD02-833	55.2	34.2	35.8	40.9	53.5	78.8	51.8	89.9	42.7
SD03-1537	53.1	41.0	28.1	36.0	52.5	68.0	59.3	78.1	44.9
SD03-2154	56.6	38.8	42.7	38.1	58.5	68.3	52.1	92.4	43.7
SD04CV-564	51.4	30.6	39.5	38.9	58.1	66.4	38.3	82.7	43.9
SD04CV-611	53.7	41.5	39.1	36.0	53.7	71.9	46.1	82.9	40.4
SD04CV-613	57.0	36.0	45.9	29.8	59.9	74.1	54.1	86.8	41.9
Location Mean		32.2	34.6	35.4	54.8	67.4	45.0	84.7	40.1
C.V. (%)		15.4	12.3	16.9	4.5	7.4	11.8	6.3	6.2
L.S.D. (5%)		8.1	6.9	10.3	3.4	10.8	11.8	11.4	4.1
Row Sp. (In.)		10	10	30	16	14	14	7	30
Rows/Plot		10	10	4	4	4	4	5	4
Reps		3	3	3	3	2	2	2	3

*Data not included in mean.

UNIFORM TEST 0, 2008

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	4	16	13	9	2	10	10	1	5
MN1410 (I)	1	1	2	12	1	4	4	3	5
Surge (L)	9	5	11	2	13	3	12	12	10
Traill (E)	24	21	25	18	22	25	21	22	23
MN0606CN (SCN)	17	7	21	20	16	18	15	17	16
M00-326087	25	25	23	22	25	15	25	23	21
M01-213045	8	9	10	17	11	16	8	5	4
M01-242042	23	23	20	25	24	24	20	19	25
M01-278013	13	7	7	9	12	19	14	11	9
ND02-2367	16	24	16	1	8	14	9	16	18
ND03-7566	19	15	18	7	20	21	24	18	15
ND04-11421	22	22	17	11	23	22	16	24	19
ND04-11674	18	18	22	16	10	6	22	20	22
ND04-12541	20	19	24	5	21	20	23	15	8
ND04-12567	14	11	12	6	9	17	17	8	13
ND04-12647	21	19	15	19	18	23	18	25	20
OAC 05-17	7	14	4	21	5	9	3	9	17
OAC 05-21	2	12	6	15	4	2	1	2	11
OAC 05-30	12	13	5	24	14	8	13	7	24
SD02-833	6	9	13	3	17	1	7	6	7
SD03-1537	11	3	19	13	19	12	2	21	1
SD03-2154	4	4	3	7	6	11	6	4	3
SD04CV-564	15	17	8	4	7	13	19	14	2
SD04CV-611	10	2	9	13	15	7	11	13	14
SD04CV-613	3	6	1	23	3	5	5	10	12

UNIFORM TEST 0, 2008

MATURITY (date)

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu	Aurora SD
	8 Tests							de-Beloeil Que.	
Sheyenne (0)	9/19	9/26	9/13	9/29	9/25	9/18	9/21	9/14	9/11
MN1410 (I)	7.6	8	7	9	9	7	10	6	5
Surge (L)	-0.4	1	0	-2	-3	4	-1	0	-2
Traill (E)	-4.4	0	-5	-8	-9	6	-5	-6	-8
MN0606CN (SCN)	-0.5	3	-1	0	-1	-1	-2	-3	1
M00-326087	-1.9	0	-4	-2	-2	-1	0	-2	-4
M01-213045	-1.8	0	-1	-4	-3	2	-1	-2	-5
M01-242042	-0.5	1	-4	-2	1	2	-1	0	-1
M01-278013	2.5	3	4	2	1	5	1	2	2
ND02-2367	-3.0	0	-4	-1	-6	0	-5	-3	-5
ND03-7566	-1.1	1	-2	-1	-2	0	-1	-3	-1
ND04-11421	-5.1	0	-5	-6	-8	-3	-5	-6	-8
ND04-11674	-3.9	1	-5	-3	-3	-2	-7	-5	-7
ND04-12541	-4.3	0	-5	-7	-7	2	-4	-6	-7
ND04-12567	0.4	2	0	-3	-1	1	1	2	1
ND04-12647	-4.8	0	-5	-6	-2	-4	-7	-6	-8
OAC 05-17	5.3	3	6	8	6	7	5	4	3
OAC 05-21	5.8	5	5	4	8	7	4	8	5
OAC 05-30	7.1	6	7	6	5	9	7	8	9
SD02-833	5.5	3	6	7	6	7	4	7	4
SD03-1537	5.3	3	5	7	6	7	3	6	5
SD03-2154	-0.1	2	0	-2	0	1	-2	0	0
SD04CV-564	1.5	1	1	0	1	6	2	2	-1
SD04CV-611	3.5	3	2	6	6	5	2	5	-1
SD04CV-613	5.4	4	4	5	7	8	4	8	3
Date Planted	5/19	6/9	5/14	5/15	6/2	5/27	5/1	5/17	5/12
Days to Mature	123	109	122	137	115	114	143	120	122

UNIFORM TEST 0, 2008

LODGING (score)

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu	Aurora SD
	8 Tests							de-Beloeil Que.	
Sheyenne (0)	1.4	1.0	1.0	1.0	3.4	1.0	1.0	1.5	1.0
MN1410 (I)	2.2	1.0	2.0	1.0	4.5	1.3	1.0	5.0	2.0
Surge (L)	2.0	1.0	1.7	1.0	4.2	1.0	1.0	5.0	1.0
Traill (E)	1.2	1.0	1.0	1.0	2.9	1.0	1.0	1.0	1.0
MN0606CN (SCN)	1.5	1.0	1.0	1.0	3.8	1.0	1.0	2.0	1.0
M00-326087	1.6	1.3	2.0	1.0	3.2	1.0	1.0	2.0	1.0
M01-213045	1.6	1.0	1.7	1.0	3.4	1.5	1.0	2.0	1.0
M01-242042	1.3	1.3	1.0	1.0	2.3	1.0	1.0	2.0	1.0
M01-278013	1.7	1.0	1.7	1.0	3.8	1.3	1.0	2.5	1.0
ND02-2367	1.2	1.0	1.0	1.0	2.8	1.0	1.0	1.0	1.0
ND03-7566	1.2	1.0	1.7	1.0	2.2	1.0	1.0	1.0	1.0
ND04-11421	1.1	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0
ND04-11674	1.4	1.0	2.0	1.0	2.9	1.0	1.0	1.0	1.0
ND04-12541	1.1	1.0	1.0	1.0	1.4	1.0	1.0	1.0	1.0
ND04-12567	1.4	1.0	1.3	1.0	3.1	1.0	1.0	1.5	1.0
ND04-12647	1.4	1.0	1.3	1.0	3.1	1.0	1.0	2.0	1.0
OAC 05-17	1.8	1.0	1.7	1.0	3.8	1.5	1.0	3.0	1.0
OAC 05-21	1.5	1.0	1.0	1.0	3.4	1.0	1.0	2.5	1.0
OAC 05-30	1.8	1.0	1.3	1.0	3.4	1.0	1.0	3.5	2.0
SD02-833	2.4	1.0	2.0	1.0	4.4	1.5	2.2	5.0	2.0
SD03-1537	1.8	1.0	1.7	1.0	3.5	1.0	1.2	3.0	2.0
SD03-2154	1.8	1.3	2.0	1.0	4.1	1.0	1.0	3.0	1.0
SD04CV-564	1.8	1.0	1.0	1.0	3.7	1.0	1.0	4.5	1.0
SD04CV-611	1.9	1.0	1.3	1.0	4.2	1.0	1.0	4.5	1.0
SD04CV-613	2.0	1.0	2.0	1.0	3.9	1.5	1.0	4.5	1.0

UNIFORM TEST 0, 2008

PLANT HEIGHT (inches)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	32		30	27	40	34	31	36	29
MN1410 (I)	37		32	28	33	38	38	52	35
Surge (L)	35		31	32	42	34	33	43	27
Traill (E)	29		26	25	37	29	28	31	26
MN0606CN (SCN)	32		29	29	39	31	28	39	27
M00-326087	32		31	30	39	33	29	35	29
M01-213045	35		31	27	44	37	34	37	33
M01-242042	30		29	22	36	31	27	36	29
M01-278013	33		28	31	40	32	31	37	29
ND02-2367	31		30	29	40	36	27	34	22
ND03-7566	31		31	28	37	29	27	35	28
ND04-11421	29		28	24	35	31	24	33	25
ND04-11674	29		26	27	38	31	24	32	24
ND04-12541	28		26	23	37	31	24	33	25
ND04-12567	32		27	29	41	33	29	35	28
ND04-12647	29		25	24	38	27	28	33	28
OAC 05-17	36		32	24	46	41	35	41	32
OAC 05-21	35		30	30	44	37	35	38	34
OAC 05-30	31		30	19	37	38	29	37	28
SD02-833	38		31	31	45	38	34	53	36
SD03-1537	37		32	33	43	38	34	41	39
SD03-2154	33		32	28	43	32	28	39	27
SD04CV-564	32		28	26	40	35	28	40	28
SD04CV-611	32		29	26	39	34	30	38	28
SD04CV-613	33		29	20	42	36	34	40	30

UNIFORM TEST 0, 2008

SEED SIZE (g/100)

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu	Aurora SD
	7 Tests							de-Beloeil Que.	
Sheyenne (0)	15.2	13.3	12.9		18.2	14.8	15.8	16.1	15.6
MN1410 (I)	16.3	15.7	14.6		18.0	17.6	17.6	16.8	13.9
Surge (L)	19.1	18.3	16.3		20.2	20.5	20.0	20.6	18.1
Traill (E)	16.7	15.2	14.9		19.3	16.0	16.4	18.6	16.5
MN0606CN (SCN)	14.7	13.2	11.9		17.1	15.5	15.2	15.7	14.5
M00-326087	20.8	15.0	18.2		23.6	23.1	23.3	23.5	18.6
M01-213045	12.9	11.2	11.2		14.9	12.8	12.9	14.2	13.2
M01-242042	16.1	13.1	14.0		17.6	17.0	17.5	17.7	15.8
M01-278013	16.1	14.3	14.7		19.1	15.2	14.8	18.7	16.0
ND02-2367	16.1	13.5	12.8		17.4	15.5	18.1	17.9	17.2
ND03-7566	14.6	12.4	12.6		16.5	15.4	15.3	16.3	13.8
ND04-11421	16.4	13.6	13.8		17.9	16.8	17.5	19.3	15.6
ND04-11674	16.1	14.9	13.0		19.3	16.4	17.0	15.4	16.7
ND04-12541	16.1	13.9	13.4		18.2	15.8	16.9	18.7	16.1
ND04-12567	16.2	14.5	13.9		18.4	15.8	16.4	18.9	15.8
ND04-12647	16.2	14.5	14.3		18.7	16.9	15.7	16.8	16.4
OAC 05-17	15.3	13.7	13.4		17.8	17.3	16.3	15.8	12.7
OAC 05-21	18.0	17.8	14.3		20.9	20.8	19.4	18.7	14.3
OAC 05-30	17.6	16.5	15.8		19.4	19.7	17.9	18.8	14.8
SD02-833	17.5	15.5	15.5		19.7	19.2	19.4	18.4	14.7
SD03-1537	15.9	14.8	14.2		18.4	16.9	17.2	15.7	13.9
SD03-2154	17.5	14.0	19.2		19.2	17.3	17.1	18.9	16.7
SD04CV-564	18.2	15.6	16.8		19.4	19.2	19.4	18.9	17.8
SD04CV-611	19.8	18.0	17.7		22.1	21.4	20.5	20.7	17.9
SD04CV-613	19.3	17.0	18.0		23.0	21.3	18.4	20.5	17.1

UNIFORM TEST 0, 2008

SEED QUALITY (score)

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu	Aurora SD
	7 Tests							de-Beloeil Que.	
Sheyenne (0)	1.7	1.5	1.5		2.3	1.5	2.0	1.0	2.0
MN1410 (I)	1.5	1.0	1.5		2.0	1.5	1.5	1.0	2.0
Surge (L)	1.6	1.2	1.5		1.7	2.0	1.5	1.0	2.0
Traill (E)	1.7	2.0	1.0		2.0	2.0	2.0	1.0	2.0
MN0606CN (SCN)	1.7	1.2	1.0		2.0	2.5	2.0	1.0	2.0
M00-326087	1.9	1.5	2.0		2.0	2.0	2.0	1.0	3.0
M01-213045	1.5	1.7	1.0		2.0	1.5	1.5	1.0	2.0
M01-242042	1.9	2.0	1.0		2.7	2.5	2.0	1.0	2.0
M01-278013	1.6	1.7	1.5		1.7	1.5	1.5	1.0	2.0
ND02-2367	1.7	1.8	1.0		1.6	2.0	1.5	1.0	3.0
ND03-7566	1.9	1.6	1.0		1.9	2.5	2.0	1.0	3.0
ND04-11421	1.7	1.7	1.0		2.1	2.0	2.0	1.0	2.0
ND04-11674	1.9	1.7	2.0		2.6	2.0	2.0	1.0	2.0
ND04-12541	2.0	2.5	1.5		2.0	2.5	2.5	1.0	2.0
ND04-12567	1.6	1.5	1.0		2.4	1.5	2.0	1.0	2.0
ND04-12647	1.8	2.0	1.5		2.7	1.5	2.0	1.0	2.0
OAC 05-17	1.8	2.0	2.5		1.9	1.5	1.5	1.0	2.0
OAC 05-21	1.5	1.5	1.0		2.0	1.5	1.5	1.0	2.0
OAC 05-30	1.7	1.5	1.5		2.7	1.5	1.5	1.0	2.0
SD02-833	1.8	1.3	1.5		3.0	2.0	2.0	1.0	2.0
SD03-1537	2.1	1.5	1.5		2.9	2.5	2.0	1.0	3.0
SD03-2154	1.6	1.3	1.0		2.7	2.0	1.5	1.0	2.0
SD04CV-564	1.5	1.3	1.5		2.0	1.5	1.5	1.0	2.0
SD04CV-611	1.6	1.2	1.0		2.8	1.5	1.5	1.0	2.0
SD04CV-613	1.5	1.3	1.0		1.9	1.5	1.5	1.0	2.0

UNIFORM TEST 0, 2008

PROTEIN (%)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu de-Beloeil Que.
Sheyenne (O)	34.5	34.5	32.4	35.8	34.4	36.3	33.8
MN1410 (I)	35.5	33.8	33.6	35.6	36.5	37.9	35.6
Surge (L)	36.9	35.6	34.0	38.3	37.8	38.9	37.1
Traill (E)	37.3	36.1	35.0	39.4	37.3	39.7	36.4
MN0606CN (SCN)	35.9	34.2	32.9	37.2	36.9	38.1	36.2
M00-326087	37.6	36.3	34.9	38.8	37.8	40.0	37.8
M01-213045	35.0	35.1	32.3	36.1	35.1	37.2	34.2
M01-242042	36.6	34.9	34.3	37.8	36.8	38.8	37.2
M01-278013	34.4	33.0	32.3	35.6	33.9	36.1	35.6
ND02-2367	34.4	33.1	32.4	35.8	34.2	37.3	33.6
ND03-7566	36.6	34.6	34.4	38.2	37.4	38.6	36.6
ND04-11421	37.2	35.7	34.1	39.2	37.9	39.3	36.9
ND04-11674	35.6	35.0	33.0	36.7	35.2	37.9	35.6
ND04-12541	36.9	35.3	34.8	38.1	37.8	38.5	37.0
ND04-12567	35.7	33.1	33.1	37.5	35.4	38.4	36.7
ND04-12647	35.9	34.8	33.0	37.0	37.1	37.9	35.9
OAC 05-17	33.1	33.2	29.8	33.8	33.1	35.8	33.1
OAC 05-21	35.1	34.3	32.1	35.9	35.4	37.5	35.2
OAC 05-30	34.3	32.6	31.3	36.3	34.5	36.6	34.6
SD02-833	35.6	34.0	33.6	35.8	36.3	38.0	35.8
SD03-1537	36.0	33.5	33.3	37.9	36.3	38.5	36.4
SD03-2154	35.9	33.9	33.2	36.8	37.1	38.1	36.2
SD04CV-564	35.7	34.4	32.7	36.5	35.9	38.5	36.1
SD04CV-611	37.0	36.1	34.6	37.8	36.7	39.3	37.3
SD04CV-613	36.5	34.7	34.5	37.2	36.5	38.7	37.7

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST 0, 2008

OIL (%)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Ottawa ONT	St. Pauls ONT	Woodstock ONT	St. Mathieu de-Beloeil Que.
Sheyenne (O)	17.7	17.8	19.8	17.2	17.5	16.7	17.1
MN1410 (I)	17.8	18.5	19.4	18.2	17.1	16.7	17.1
Surge (L)	17.3	17.2	19.5	17.0	16.5	16.8	16.6
Traill (E)	16.8	16.8	19.2	15.9	16.7	16.0	16.4
MN0606CN (SCN)	17.3	17.3	19.1	16.6	17.1	17.0	16.6
M00-326087	16.7	15.9	18.2	16.7	16.6	16.4	16.3
M01-213045	17.6	18.1	19.6	17.1	17.1	16.6	17.1
M01-242042	17.1	17.3	19.0	17.1	16.8	16.5	15.8
M01-278013	18.4	19.1	20.6	18.2	18.2	17.6	16.7
ND02-2367	18.1	18.6	19.8	17.9	17.9	17.3	17.2
ND03-7566	17.1	17.9	18.7	16.7	16.4	16.4	16.7
ND04-11421	16.5	16.2	18.5	15.7	16.3	16.2	16.0
ND04-11674	17.4	17.9	19.6	17.0	17.1	16.5	16.6
ND04-12541	16.8	16.1	18.8	16.4	16.6	16.8	16.0
ND04-12567	17.2	17.8	19.3	16.8	16.9	16.3	16.3
ND04-12647	17.3	17.5	19.7	16.8	16.4	16.4	16.8
OAC 05-17	18.5	17.7	20.1	19.0	18.8	18.0	17.6
OAC 05-21	17.8	18.7	19.3	17.7	17.4	16.9	16.8
OAC 05-30	17.6	18.1	19.5	17.4	17.5	17.0	16.4
SD02-833	17.2	17.0	18.3	17.4	17.1	17.0	16.3
SD03-1537	16.9	17.6	17.7	16.4	17.1	16.6	15.9
SD03-2154	17.4	17.4	18.8	17.7	17.1	17.1	16.5
SD04CV-564	17.9	17.7	19.5	17.9	17.7	17.3	17.2
SD04CV-611	17.2	17.3	18.7	17.0	17.1	16.8	16.4
SD04CV-613	17.1	18.3	19.1	16.9	16.7	16.1	15.5

Preliminary Test 0, 2008

Ent.	Strain	Parentage	Seed Source	Gen. Comp.	Unique Traits
1.	Sheyenne (O)	Pioneer 9071 x A96-492041	Helms	F4	Rps1-c
2.	MN1410 (I)	MN0302 x Archer	Orf	F5	Rps1k, BSR
3.	Surge (L)	A86-204022 x Kato	Scott	F5	
4.	Traill (E)	M82-996 x Sigco KG20	Helms	F5	
5.	M02-308121	ND97-1211 X MN0101	Orf	F5	
6.	M02-314039	MN0302 X M97-129094	Orf	F5	
7.	M02-314095	MN0302 X M97-129094	Orf	F5	
8.	M02-317006	MN0304 X MN0201	Orf	F5	
9.	M02-324024	ND97-1211 X MN0304	Orf	F5	
10.	M02-328023	MN0304 X A00-712012	Orf	F5	
11.	M02-328139	MN0304 X A00-712012	Orf	F5	
12.	M02-330105	OAC00-11 X MN0302	Orf	F5	IDC
13.	M02-330112	OAC00-11 X MN0302	Orf	F5	IDC
14.	M02-333013	M94-162105 X MN0304	Orf	F5	IDC
15.	M02-333069	M94-162105 X MN0304	Orf	F5	IDC
16.	M02-495076	LG98-1605 X MN0302	Orf	F5	DIVERSITY
17.	ND03-5441	Barnes x MN0902CN	Helms	F4	SCN, Rps6
18.	ND04-11083	OAC Atwood x (Barnes x IA1009)	Helms	F4	SCN, Rps6
19.	ND04-11101	OAC Atwood x (Barnes x IA1009)	Helms	F4	SCN, Rps6
20.	ND04-11111	OAC Atwood x (Barnes x IA1009)	Helms	F4	SCN, Rps6
21.	ND04-11415	MN0902CN x (SD96-702 x Loda)	Helms	F4	SCN
22.	ND04-11421	MN0902CN x (SD96-702 x Loda)	Helms	F4	SCN
23.	ND04-11478	MN0902CX x (SD96-702 x Loda)	Helms	F4	SCN
24.	ND04-11730	M94-161045 x (Barnes x IA1009)	Helms	F4	SCN, Rps6
25.	ND04-11779	ND95-6634 x (Loda x MN0902CN)	Helms	F4	SCN
26.	ND04-12689	Sargent x MN0902CN	Helms	F4	SCN, Rps6
27.	ND05-17644	MN0302 x (ND-95-1564 x MN0201)	Helms	F4	Rps1-k
28.	ND05-17649	MN0302 x (ND-95-1564 x MN0201)	Helms	F4	Rps1-k
29.	ND05-17926	MN0302 x (Barnes x IA1009)	Helms	F4	SCN, Rps6
30.	ND05-17933	MN0302 x (Barnes x IA1009)	Helms	F4	SCN, Rps6
31.	ND05-18208	ND99-2608 x MN0302	Helms	F4	Rps1-k
32.	OAC 06-06	OAC Clinton x (Nidera # 2 x OAC Clinton)	Rajcan	F5	
33.	OAC 06-14	S03-W4 x OAC Champion	Rajcan	F5	
34.	OAC 06-26	RCAT 2006 x OAC Wallace	Rajcan	F5	
35.	OAC 06-32	RCAT 2006 x OAC Wallace	Rajcan	F5	
36.	SD05-333	M95-327084 x A00-712013	Scott	F5	
37.	SD05-335	M95-327061 x Surge	Scott	F5	
38.	SD05-345	M95-327061 x Surge	Scott	F5	
39.	SD05-363	M95-327061 x Surge	Scott	F5	
40.	SD05-383	M95-327061 x Surge	Scott	F5	
41.	SD05-410	M95-327061 x Surge	Scott	F5	

PRELIMINARY TEST 0, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Chlorosis</u>		<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>	
		Score		Score	Score	Lafayette	
		Lake Lillian MN	Wilkin County MN	St. Mathieu Que	Manhattan KS	Race 4	Race 7
Sheyenne (0)	PGBDYI	4.1	1.6	4.5	1.0	S	R
MN1410 (I)	WGBDYBfI	3.9	2.5	5.0	1.0	S*	S*
Surge (L)	PGBDYIbI	3.8	2.4	2.0	1.0	S	S
Traill (E)	PTBIYYI	3.3	1.8	1.5	2.0	S	S
M02-308121	PTBIYYI	4.0	2.6	3.0	1.0	S	S
M02-314039	PGTDYBfI	4.0	2.6	5.0	1.0	R*	R*
M02-314095	PTTDYBII	3.4	1.6	2.5	1.0	R*	R*
M02-317006	PGSDYYI	3.8	1.6	3.0	1.0	R*	R*
M02-324024	PGTDYYI	4.0	2.6	2.5	1.0	R*	R*
M02-328023	PTTDYBrI	3.8	2.0	2.5	1.0	R*	R*
M02-328139	PGBDYBfI	4.3	3.1	4.0	2.0	R*	R*
M02-330105	PGTDYBfI	4.0	2.8	2.5	1.0	R*	R*
M02-330112	PGTDYBf+YI	3.4	1.4	2.5	1.0	H*	H*
M02-333013	PGTDYIbI	2.8	1.6	2.0	1.0	R*	R*
M02-333069	PGBDYBfI	4.1	1.8	3.5	1.0	R*	R*
M02-495076	WTTDYYI	3.9	1.5	5.0	1.0	R*	R*
ND03-5441	WGTDYBfI	3.1	1.8	3.0	1.0	R	S
ND04-11083	WTTDYYI	4.3	1.8	2.5	1.0	R	S
ND04-11101	P+GT+GBDYI	4.3	2.0	5.0	1.0	S*	S
ND04-11111	WTTDYYI	3.9	2.1	3.0	1.0	?S	?S
ND04-11415	WT+GTDYBf+BrI	3.6	1.5	3.0	1.0	S	S
ND04-11421	PTSDYLbrI	3.6	1.9	3.5	1.0	S	S
ND04-11478	WT+GTIYYI	3.6	2.1	5.0	1.0	S	S
ND04-11730	PGBDYDbfI	3.4	2.3	2.5	1.0	S*	S
ND04-11779	PGBDYDbfI	4.1	1.6	3.5	1.0	S	S
ND04-12689	PGBDYI	4.1	1.8	3.5	1.0	S*	S
ND05-17644	PGTDYBfI	3.8	2.0	3.5	1.0	R	R
ND05-17649	PGTDYYI	3.9	1.6	3.5	1.0	R	R
ND05-17926	PGTDYBfI	3.6	1.5	3.5	1.0	R	R*
ND05-17933	PGTDYBfI	4.3	1.4	3.5	1.0	R	R*
ND05-18208	PGBDYBfI	3.0	1.4	3.5	1.0	R	R
OAC 06-06	PTBDYYI	3.5	1.3	4.0	1.0	S	S
OAC 06-14	PTBDYYI	4.4	2.8	4.0	2.0	R*	R*
OAC 06-26	PTBDYDbrI	4.3	3.8	3.0	1.0	R*	S
OAC 06-32	PTBDYDbrI	3.9	3.5	4.0	1.0	R*	S
SD05-333	PltTBDYBfI	3.5	3.3	4.0	1.0	R*	R*
SD05-335	PGTDYBfI	4.3	2.5	3.0	1.0	S	S
SD05-345	PGTDYBfI	4.0	2.1	2.5	1.0	S	S
SD05-363	PGBDYIbI	4.4	2.8	2.5	1.0	S	S
SD05-383	PGTDYIbI	3.9	2.4	2.5	1.0	S	S
SD05-410	PGBDYIbI	4.0	2.5	2.5	1.0	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PRELIMINARY TEST 0, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 6 bu/a	Rank 6 No.	Maturity 6 Date	Lodging 6 Score	Plant Height 6 In.	Seed Size 5 g/100	Seed Quality 4 Score	Composition	
								Protein 4 %	Oil 4 %
Sheyenne (O)	46.7	3	9/18	1.1	31	14.9	1.7	34.3	17.8
MN1410 (I)	49.1	1	4.0	1.9	35	15.8	1.6	35.3	17.9
Surge (L)	40.3	31	-0.5	1.7	28	17.8	1.5	36.3	17.4
Trall (E)	38.7	38	-6.5	1.0	25	15.8	1.7	36.9	17.2
M02-308121	35.9	41	-5.5	1.0	24	15.2	1.7	37.8	16.9
M02-314039	39.3	35	1.8	1.7	32	15.2	1.7	34.5	17.8
M02-314095	42.2	24	-1.8	1.6	33	15.2	1.9	36.0	17.3
M02-317006	36.1	40	-5.0	1.5	28	16.6	1.6	37.3	16.7
M02-324024	39.7	34	1.0	1.5	31	15.3	1.6	35.5	17.7
M02-328023	42.8	20	-3.3	1.1	27	15.3	1.3	35.4	17.9
M02-328139	45.4	9	-0.2	1.4	29	16.5	1.8	36.2	17.5
M02-330105	41.6	28	1.3	1.8	35	14.9	1.5	35.3	17.5
M02-330112	40.8	30	-1.7	1.7	30	15.3	1.8	35.7	17.8
M02-333013	42.8	20	0.2	1.7	31	17.2	1.8	36.2	17.1
M02-333069	40.2	32	-1.8	1.3	32	16.2	1.6	36.3	17.2
M02-495076	44.6	13	1.3	1.2	28	15.4	1.5	36.2	17.4
ND03-5441	42.0	25	-0.8	1.4	27	14.5	2.0	35.7	17.3
ND04-11083	43.7	16	-1.7	1.1	31	16.5	2.2	35.5	17.5
ND04-11101	45.5	8	3.3	1.1	27	15.6	1.7	35.9	17.6
ND04-11111	46.0	7	1.3	1.1	30	16.3	1.7	35.7	17.5
ND04-11415	43.3	19	-1.0	1.3	29	13.4	2.0	35.3	17.9
ND04-11421	39.1	36	-5.2	1.0	25	15.7	1.8	36.9	16.6
ND04-11478	43.5	18	-0.2	1.3	28	14.4	1.6	35.9	17.4
ND04-11730	41.7	27	-4.8	1.3	29	16.1	2.0	34.4	17.5
ND04-11779	44.0	15	-4.2	1.4	31	13.8	1.5	34.5	17.2
ND04-12689	44.7	12	0.2	1.4	33	15.2	1.5	34.1	18.1
ND05-17644	45.2	11	-3.8	1.3	31	13.4	1.8	36.3	17.3
ND05-17649	45.3	10	-5.3	1.3	30	13.4	1.6	35.9	17.1
ND05-17926	38.2	39	-5.2	1.2	29	13.9	1.6	35.5	18.0
ND05-17933	39.0	37	-3.8	1.3	30	14.1	1.7	35.8	17.6
ND05-18208	40.2	32	-7.0	1.3	29	12.8	1.9	34.4	18.3
OAC 06-06	42.6	22	-2.8	1.0	27	16.8	1.9	35.3	17.6
OAC 06-14	41.2	29	-2.8	1.1	30	17.5	1.6	37.3	17.5
OAC 06-26	46.2	4	-1.2	1.0	29	16.8	2.0	34.1	18.7
OAC 06-32	49.0	2	-0.5	1.3	29	16.9	1.8	34.2	18.3
SD05-333	41.8	26	2.0	2.0	33	14.0	2.3	35.4	17.3
SD05-335	46.2	4	1.3	1.8	32	16.9	1.8	35.6	17.7
SD05-345	42.6	22	2.5	1.6	28	17.8	1.7	36.8	17.5
SD05-363	43.7	16	2.0	1.8	31	15.7	1.6	34.9	17.9
SD05-383	46.1	6	1.2	1.5	30	16.5	1.5	35.5	17.7
SD05-410	44.2	14	-1.2	2.0	29	18.6	1.9	35.5	17.7

119.7 Days After Planting

PRELIMINARY TEST 0, 2008

YIELD (bu/a)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	46.7	38.4	27.1	31.8	34.3	110.7	38.2
MN1410 (I)	49.1	32.2	26.2	36.8	61.3	98.5	39.4
Surge (L)	40.3	25.4	22.1	39.6	40.7	75.0	39.2
Traill (E)	38.7	22.2	23.1	34.5	36.9	79.8	35.7
M02-308121	35.9	23.7	16.2	30.2	34.2	80.0	30.8
M02-314039	39.3	26.2	30.7	29.7	37.9	74.1	37.4
M02-314095	42.2	27.3	28.2	32.7	42.8	77.7	44.4
M02-317006	36.1	22.0	19.4	34.9	39.1	65.2	36.3
M02-324024	39.7	33.7	19.4	34.6	36.8	73.1	40.8
M02-328023	42.8	32.7	27.4	34.7	42.3	79.1	40.8
M02-328139	45.4	42.4	17.9	27.6	34.0	96.1	54.6
M02-330105	41.6	43.1	26.1	31.6	36.8	72.3	39.9
M02-330112	40.8	34.1	24.6	32.9	47.5	67.3	38.7
M02-333013	42.8	35.7	25.2	36.5	37.5	75.4	46.7
M02-333069	40.2	27.1	19.5	32.2	39.8	79.9	42.6
M02-495076	44.6	27.8	25.8	36.6	44.5	92.4	40.7
ND03-5441	42.0	37.4	26.6	43.1	33.6	72.4	39.0
ND04-11083	43.7	38.2	25.8	39.3	30.1	92.6	36.4
ND04-11101	45.5	32.8	35.8	37.1	44.7	80.6	42.0
ND04-11111	46.0	32.0	32.9	35.3	45.2	87.3	43.3
ND04-11415	43.3	31.9	29.6	39.4	38.9	79.7	40.4
ND04-11421	39.1	29.2	22.2	37.4	34.1	80.8	30.7
ND04-11478	43.5	42.8	29.4	34.3	32.6	81.9	40.0
ND04-11730	41.7	34.3	18.8	34.3	38.6	86.9	37.4
ND04-11779	44.0	39.3	22.1	33.6	45.1	87.0	37.0
ND04-12689	44.7	41.5	28.0	31.2	42.0	85.6	39.9
ND05-17644	45.2	37.8	20.5	39.1	49.3	84.3	40.1
ND05-17649	45.3	36.7	19.4	37.2	42.1	86.7	49.8
ND05-17926	38.2	27.0	18.0	31.8	32.5	87.3	32.5
ND05-17933	39.0	25.9	22.6	31.9	33.6	82.5	37.8
ND05-18208	40.2	39.6	21.3	33.6	38.6	71.0	36.9
OAC 06-06	42.6	35.1	22.0	36.4	38.0	86.1	38.1
OAC 06-14	41.2	37.5	20.3	25.6	36.2	84.1	43.3
OAC 06-26	46.2	36.3	23.9	35.9	42.3	101.0	38.1
OAC 06-32	49.0	36.1	29.3	35.5	49.9	96.8	46.2
SD05-333	41.8	27.5	28.0	37.7	37.2	76.4	43.7
SD05-335	46.2	25.0	26.8	38.6	48.3	82.1	56.3
SD05-345	42.6	29.2	25.4	35.3	42.8	82.8	40.0
SD05-363	43.7	31.7	27.5	44.2	48.3	70.4	40.0
SD05-383	46.1	34.7	31.9	32.5	42.2	90.5	45.1
SD05-410	44.2	41.1	19.5	30.2	46.8	83.7	43.7
Location Mean		33.0	24.5	34.8	40.5	82.9	40.6
C.V. (%)		10.3	12.2	15.5	11.5	5.9	14.2
L.S.D. (5%)		6.8	6.0	8.6	10.1	10.1	11.6
Row Sp. (In.)		10	10	30	14	7	30
Rows/Plot		4	4	4	4	5	4
Reps		2	2	3	2	2	2

*Data not included in mean.

PRELIMINARY TEST 0, 2008

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	3	8	13	33	33	1	28
MN1410 (I)	1	24	16	12	1	3	24
Surge (L)	31	37	27	3	19	33	25
Traill (E)	38	40	24	23	29	27	38
M02-308121	41	39	41	37	34	25	40
M02-314039	35	35	4	39	26	34	33
M02-314095	24	32	8	29	12	30	7
M02-317006	40	41	35	20	21	41	37
M02-324024	34	21	35	22	30	35	14
M02-328023	20	23	12	21	14	29	14
M02-328139	9	3	40	40	36	5	2
M02-330105	28	1	17	35	30	37	22
M02-330112	30	20	22	28	6	40	27
M02-333013	20	16	21	14	27	32	4
M02-333069	32	33	33	31	20	26	12
M02-495076	13	30	18	13	11	7	16
ND03-5441	25	12	15	2	37	36	26
ND04-11083	16	9	18	5	41	6	36
ND04-11101	8	22	1	11	10	24	13
ND04-11111	7	25	2	18	8	10	10
ND04-11415	19	26	5	4	22	28	17
ND04-11421	36	28	26	9	35	23	41
ND04-11478	18	2	6	24	39	22	19
ND04-11730	27	19	38	24	23	12	33
ND04-11779	15	7	27	26	9	11	34
ND04-12689	12	4	9	36	18	15	22
ND05-17644	11	10	31	6	3	16	18
ND05-17649	10	13	35	10	17	13	3
ND05-17926	39	34	39	33	40	9	39
ND05-17933	37	36	25	32	37	20	31
ND05-18208	32	6	30	26	23	38	35
OAC 06-06	22	17	29	15	25	14	29
OAC 06-14	29	11	32	41	32	17	10
OAC 06-26	4	14	23	16	14	2	29
OAC 06-32	2	15	7	17	2	4	5
SD05-333	26	31	9	8	28	31	8
SD05-335	4	38	14	7	4	21	1
SD05-345	22	28	20	18	12	19	19
SD05-363	16	27	11	1	4	39	19
SD05-383	6	18	3	30	16	8	6
SD05-410	14	5	33	37	7	18	8

PRELIMINARY TEST 0, 2008

MATURITY (date)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	9/18	9/23	9/14	10/1	9/20	9/12	9/11
MN1410 (I)	4.0	1	4	4	6	7	2
Surge (L)	-0.5	1	-5	-2	1	4	-2
Traill (E)	-6.5	-6	-8	-9	-5	-4	-7
M02-308121	-5.5	-6	-8	-4	-4	-3	-8
M02-314039	1.8	0	1	0	4	7	-1
M02-314095	-1.8	1	-4	-3	-3	0	-2
M02-317006	-5.0	-5	-8	-5	-2	-3	-7
M02-324024	1.0	1	-3	4	1	4	-1
M02-328023	-3.3	-2	-5	-4	-4	-1	-4
M02-328139	-0.2	3	0	-1	-1	0	-2
M02-330105	1.3	4	-2	2	1	4	-1
M02-330112	-1.7	0	-6	0	-2	2	-4
M02-333013	0.2	1	-4	1	0	4	-1
M02-333069	-1.8	0	-6	-4	-2	0	1
M02-495076	1.3	2	0	1	0	4	1
ND03-5441	-0.8	3	-6	-1	1	2	-4
ND04-11083	-1.7	2	-3	-3	-2	0	-4
ND04-11101	3.3	3	5	2	3	4	3
ND04-11111	1.3	2	0	0	1	4	1
ND04-11415	-1.0	3	-4	-4	1	0	-2
ND04-11421	-5.2	-4	-6	-7	-2	-4	-8
ND04-11478	-0.2	-1	-2	-2	-1	4	1
ND04-11730	-4.8	-6	-5	-4	-4	-1	-9
ND04-11779	-4.2	-4	-7	-4	-2	-2	-6
ND04-12689	0.2	1	-2	0	1	2	-1
ND05-17644	-3.8	-5	-7	-5	-1	0	-5
ND05-17649	-5.3	-6	-8	-6	-1	-3	-8
ND05-17926	-5.2	-6	-8	-6	-6	0	-5
ND05-17933	-3.8	-5	-7	-4	-2	0	-5
ND05-18208	-7.0	-6	-7	-6	-9	-4	-10
OAC 06-06	-2.8	-3	-4	-3	-3	0	-4
OAC 06-14	-2.8	-3	-5	1	-4	-1	-5
OAC 06-26	-1.2	0	-5	-2	-2	4	-2
OAC 06-32	-0.5	-1	-3	-1	-3	4	1
SD05-333	2.0	5	1	6	2	6	-8
SD05-335	1.3	4	-1	-2	3	4	0
SD05-345	2.5	3	0	2	3	4	3
SD05-363	2.0	3	1	1	2	4	1
SD05-383	1.2	0	1	1	0	4	1
SD05-410	-1.2	-1	-4	0	0	-2	0
Date Planted	5/21	6/9	5/14	5/15	6/2	5/17	5/12
Days to Mature	120	106	123	139	110	118	122

PRELIMINARY TEST 0, 2008

LODGING (score)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	1.1	1.0	1.0	1.0	1.0	1.7	1.0
MN1410 (I)	1.9	1.0	2.0	1.0	1.0	5.1	1.0
Surge (L)	1.7	1.0	1.0	1.0	1.0	4.9	1.0
Traill (E)	1.0	1.0	1.0	1.0	1.0	0.9	1.0
M02-308121	1.0	1.0	1.0	1.0	1.0	0.9	1.0
M02-314039	1.7	1.0	2.0	1.0	1.0	4.3	1.0
M02-314095	1.6	1.0	2.0	1.0	1.0	3.5	1.0
M02-317006	1.5	1.0	2.0	1.0	1.0	3.1	1.0
M02-324024	1.5	1.0	1.5	1.0	1.0	3.4	1.0
M02-328023	1.1	1.0	1.0	1.0	1.0	1.6	1.0
M02-328139	1.4	1.0	1.5	1.0	1.0	3.1	1.0
M02-330105	1.8	1.0	2.0	1.0	1.0	4.6	1.0
M02-330112	1.7	1.0	2.0	1.0	1.0	3.0	2.0
M02-333013	1.7	1.0	2.0	1.0	1.0	4.0	1.0
M02-333069	1.3	1.0	1.5	1.0	1.0	2.4	1.0
M02-495076	1.2	1.0	1.0	1.0	1.0	2.0	1.0
ND03-5441	1.4	1.0	1.0	1.0	1.0	3.6	1.0
ND04-11083	1.1	1.0	1.0	1.0	1.0	1.4	1.0
ND04-11101	1.1	1.0	1.0	1.0	1.0	1.7	1.0
ND04-11111	1.1	1.0	1.5	1.0	1.0	1.0	1.0
ND04-11415	1.3	1.0	1.0	1.0	1.0	3.0	1.0
ND04-11421	1.0	1.0	1.0	1.0	1.0	0.9	1.0
ND04-11478	1.3	1.0	1.0	1.0	1.0	2.6	1.0
ND04-11730	1.3	1.0	1.5	1.0	1.0	2.1	1.0
ND04-11779	1.4	1.0	2.0	1.0	1.0	2.4	1.0
ND04-12689	1.4	1.5	1.5	1.0	1.0	2.6	1.0
ND05-17644	1.3	1.0	2.0	1.0	1.0	2.0	1.0
ND05-17649	1.3	1.0	1.5	1.0	1.0	2.0	1.0
ND05-17926	1.2	1.0	1.0	1.0	1.0	2.3	1.0
ND05-17933	1.3	1.0	1.0	1.0	1.0	2.6	1.0
ND05-18208	1.3	1.0	1.5	1.0	1.0	2.3	1.0
OAC 06-06	1.0	1.0	1.0	1.0	1.0	1.1	1.0
OAC 06-14	1.1	1.5	1.0	1.0	1.0	1.1	1.0
OAC 06-26	1.0	1.0	1.0	1.0	1.0	0.8	1.0
OAC 06-32	1.3	1.0	1.5	1.0	1.0	2.5	1.0
SD05-333	2.0	1.0	2.0	1.0	1.0	4.9	2.0
SD05-335	1.8	1.0	2.0	1.0	1.0	4.9	1.0
SD05-345	1.6	1.0	2.0	1.0	1.0	3.4	1.0
SD05-363	1.8	1.0	1.5	1.0	1.0	5.0	1.0
SD05-383	1.5	1.0	2.0	1.0	1.0	3.0	1.0
SD05-410	2.0	1.0	2.0	1.0	1.0	4.9	2.0

PRELIMINARY TEST 0, 2008

PLANT HEIGHT (inches)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	31	31	28	28	29	37	31
MN1410 (I)	35	30	30	34	35	47	31
Surge (L)	28	24	26	32	26	36	26
Traill (E)	25	21	24	26	25	29	26
M02-308121	24	21	21	25	23	32	23
M02-314039	32	25	27	28	32	49	30
M02-314095	33	29	29	33	32	40	33
M02-317006	28	28	26	25	29	33	27
M02-324024	31	31	27	28	30	37	32
M02-328023	27	29	25	26	24	31	26
M02-328139	29	28	25	25	29	36	31
M02-330105	35	32	29	28	32	52	34
M02-330112	30	32	26	27	28	37	27
M02-333013	31	34	26	28	28	39	31
M02-333069	32	31	28	32	30	37	34
M02-495076	28	30	25	27	27	33	28
ND03-5441	27	27	25	29	25	33	23
ND04-11083	31	32	26	31	29	35	30
ND04-11101	27	25	26	28	26	33	26
ND04-11111	30	30	27	28	28	36	31
ND04-11415	29	31	26	27	27	36	29
ND04-11421	25	27	22	24	22	30	26
ND04-11478	28	32	27	26	24	32	29
ND04-11730	29	29	25	28	26	37	29
ND04-11779	31	36	24	29	28	36	30
ND04-12689	33	36	32	31	30	37	34
ND05-17644	31	26	28	32	30	41	31
ND05-17649	30	31	25	31	28	37	28
ND05-17926	29	31	23	32	24	37	28
ND05-17933	30	28	28	28	30	36	28
ND05-18208	29	31	27	31	27	35	24
OAC 06-06	27	30	24	28	26	31	25
OAC 06-14	30	33	31	25	29	32	31
OAC 06-26	29	35	26	29	27	33	26
OAC 06-32	29	29	27	26	29	35	29
SD05-333	33	32	28	32	30	41	34
SD05-335	32	25	28	32	31	46	28
SD05-345	28	26	24	27	28	38	27
SD05-363	31	28	27	31	30	39	32
SD05-383	30	30	26	28	28	36	29
SD05-410	29	28	24	25	26	40	28

PRELIMINARY TEST 0, 2008

SEED SIZE (g/100)

Strain	Mean 5 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	14.9	13.6	14.8		14.3	17.2	14.8
MN1410 (I)	15.8	15.4	15.5		17.9	17.0	13.1
Surge (L)	17.8	16.3	16.6		18.7	21.1	16.3
Traill (E)	15.8	14.9	13.9		16.1	18.1	16.2
M02-308121	15.2	14.4	13.2		15.9	17.7	14.7
M02-314039	15.2	13.0	14.8		16.6	17.1	14.7
M02-314095	15.2	13.7	14.1		15.6	17.6	15.0
M02-317006	16.6	14.9	13.8		18.4	18.2	17.8
M02-324024	15.3	14.3	13.4		15.5	18.5	14.9
M02-328023	15.3	15.4	13.3		15.4	17.0	15.4
M02-328139	16.5	18.0	15.5		16.9	16.8	15.4
M02-330105	14.9	15.7	13.9		14.2	15.8	14.7
M02-330112	15.3	14.6	14.7		14.8	17.4	15.0
M02-333013	17.2	16.7	15.3		17.6	20.5	16.0
M02-333069	16.2	15.4	14.4		16.3	18.1	16.8
M02-495076	15.4	15.1	13.9		15.4	17.6	15.1
ND03-5441	14.5	13.4	13.5		15.0	16.3	14.3
ND04-11083	16.5	15.7	14.1		16.5	20.6	15.7
ND04-11101	15.6	14.6	14.3		16.1	17.7	15.3
ND04-11111	16.3	15.7	14.9		17.1	18.4	15.5
ND04-11415	13.4	13.3	12.3		13.3	15.3	12.8
ND04-11421	15.7	15.4	14.2		15.0	18.0	15.7
ND04-11478	14.4	14.1	13.1		14.8	16.1	13.8
ND04-11730	16.1	14.9	15.5		16.6	18.3	15.0
ND04-11779	13.8	12.8	12.4		13.8	16.4	13.7
ND04-12689	15.2	15.5	13.6		16.1	17.1	13.8
ND05-17644	13.4	12.0	11.6		14.2	15.2	14.0
ND05-17649	13.4	11.1	12.4		12.8	15.6	14.9
ND05-17926	13.9	12.1	13.1		13.1	16.4	14.9
ND05-17933	14.1	12.8	14.2		13.3	15.1	15.2
ND05-18208	12.8	11.6	12.3		12.0	14.3	13.8
OAC 06-06	16.8	16.0	15.1		17.1	19.9	16.0
OAC 06-14	17.5	16.4	13.0		19.0	20.7	18.5
OAC 06-26	16.8	15.7	15.7		16.9	21.1	14.5
OAC 06-32	16.9	16.7	16.0		17.4	19.6	14.8
SD05-333	14.0	13.3	13.2		13.5	15.4	14.7
SD05-335	16.9	15.3	16.6		18.3	19.4	14.7
SD05-345	17.8	17.1	16.8		17.5	19.5	18.3
SD05-363	15.7	14.5	15.1		15.0	18.5	15.3
SD05-383	16.5	14.5	15.5		17.4	18.8	16.1
SD05-410	18.6	16.9	17.2		19.2	20.3	19.4

PRELIMINARY TEST 0, 2008

SEED QUALITY (score)

Strain	Mean 4 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Sheyenne (0)	1.7	2.0	2.0		1.5	1.0	2.0
MN1410 (I)	1.6	1.5	2.0		1.0	1.5	2.0
Surge (L)	1.5	2.0	1.5		1.0	1.0	2.0
Traill (E)	1.7	2.5	1.5		1.5	1.0	2.0
M02-308121	1.7	2.0	2.5		1.0	1.0	2.0
M02-314039	1.7	2.0	1.5		1.0	2.0	2.0
M02-314095	1.9	2.0	1.5		2.0	1.0	3.0
M02-317006	1.6	2.5	1.0		1.5	1.0	2.0
M02-324024	1.6	2.5	1.5		1.0	1.0	2.0
M02-328023	1.3	1.5	1.0		1.0	1.0	2.0
M02-328139	1.8	2.5	2.5		1.0	1.0	2.0
M02-330105	1.5	2.0	1.0		1.5	1.0	2.0
M02-330112	1.8	2.0	2.0		1.0	1.0	3.0
M02-333013	1.8	2.0	1.5		1.0	1.5	3.0
M02-333069	1.6	2.5	1.5		1.0	1.0	2.0
M02-495076	1.5	2.0	1.0		1.5	1.0	2.0
ND03-5441	2.0	2.5	2.0		1.5	1.0	3.0
ND04-11083	2.2	2.0	3.0		1.5	1.5	3.0
ND04-11101	1.7	1.5	2.0		1.0	1.0	3.0
ND04-11111	1.7	2.0	1.0		1.5	1.0	3.0
ND04-11415	2.0	2.0	2.0		1.0	2.0	3.0
ND04-11421	1.8	2.0	1.5		1.5	1.0	3.0
ND04-11478	1.6	2.0	1.5		1.5	1.1	2.0
ND04-11730	2.0	2.0	2.5		1.5	1.0	3.0
ND04-11779	1.5	1.5	1.0		1.0	1.0	3.0
ND04-12689	1.5	2.0	1.5		1.0	1.0	2.0
ND05-17644	1.8	2.0	1.5		1.5	1.0	3.0
ND05-17649	1.6	1.5	1.0		1.5	1.0	3.0
ND05-17926	1.6	3.0	1.0		1.0	1.0	2.0
ND05-17933	1.7	2.0	1.0		1.5	1.0	3.0
ND05-18208	1.9	2.5	2.0		1.0	1.0	3.0
OAC 06-06	1.9	2.0	1.5		2.0	1.9	2.0
OAC 06-14	1.6	1.5	2.0		1.0	1.5	2.0
OAC 06-26	2.0	2.5	2.0		1.5	1.0	3.0
OAC 06-32	1.8	2.0	2.0		1.0	1.1	3.0
SD05-333	2.3	2.5	3.0		1.5	1.5	3.0
SD05-335	1.8	2.0	1.5		1.5	1.0	3.0
SD05-345	1.7	1.5	1.5		1.5	1.0	3.0
SD05-363	1.6	1.5	1.5		1.0	1.0	3.0
SD05-383	1.5	2.0	1.0		1.5	1.0	2.0
SD05-410	1.9	3.5	1.5		1.5	1.0	2.0

PRELIMINARY TEST 0, 2008

PROTEIN (%)

Strain	Mean 4 Tests	Morris MN	Rosemount MN	Woodstock ONT	St. Mathieu de-Beloeil Que.
Sheyenne (O)	34.3	34.3	31.9	36.8	34.3
MN1410 (I)	35.3	33.9	33.0	38.7	35.8
Surge (L)	36.3	35.7	33.7	38.8	37.0
Traill (E)	36.9	37.0	34.8	39.0	37.0
M02-308121	37.8	37.4	35.7	40.1	37.9
M02-314039	34.5	33.3	32.8	36.6	35.1
M02-314095	36.0	35.4	33.8	38.8	36.1
M02-317006	37.3	36.9	35.9	38.5	37.8
M02-324024	35.5	35.1	33.9	37.3	35.5
M02-328023	35.4	35.5	33.8	37.6	34.8
M02-328139	36.2	35.3	34.9	38.5	35.8
M02-330105	35.3	35.0	33.5	37.6	35.0
M02-330112	35.7	35.2	33.7	38.0	35.8
M02-333013	36.2	35.1	34.5	39.0	36.4
M02-333069	36.3	35.0	34.9	38.8	36.6
M02-495076	36.2	35.1	35.1	38.6	35.9
ND03-5441	35.7	34.2	33.3	38.3	37.1
ND04-11083	35.5	34.9	33.5	37.7	35.9
ND04-11101	35.9	34.1	34.1	38.5	37.0
ND04-11111	35.7	34.5	33.7	38.2	36.5
ND04-11415	35.3	34.7	33.4	37.7	35.2
ND04-11421	36.9	36.1	34.9	39.1	37.6
ND04-11478	35.9	34.9	34.4	38.3	36.0
ND04-11730	34.4	33.4	33.0	36.9	34.5
ND04-11779	34.5	33.1	32.6	37.2	35.1
ND04-12689	34.1	32.3	30.9	37.2	35.9
ND05-17644	36.3	35.6	34.5	38.3	36.9
ND05-17649	35.9	35.1	34.0	37.7	36.6
ND05-17926	35.5	34.8	34.4	36.8	35.9
ND05-17933	35.8	35.6	34.3	37.1	36.1
ND05-18208	34.4	33.9	32.8	36.4	34.5
OAC 06-06	35.3	35.1	32.6	37.9	35.4
OAC 06-14	37.3	37.2	35.6	39.2	37.3
OAC 06-26	34.1	33.8	31.7	36.2	34.8
OAC 06-32	34.2	32.9	32.4	37.0	34.5
SD05-333	35.4	34.5	33.3	37.9	35.9
SD05-335	35.6	34.4	33.3	38.6	36.1
SD05-345	36.8	35.9	35.4	38.9	36.9
SD05-363	34.9	33.6	32.7	37.6	35.8
SD05-383	35.5	33.4	33.8	38.5	36.3
SD05-410	35.5	34.6	33.8	37.7	35.7

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST 0, 2008

OIL (%)

Strain	Mean 4 Tests	Morris MN	Rosemount MN	Woodstock ONT	St. Mathieu de-Beloeil Que.
Sheyenne (O)	17.8	17.7	19.6	16.6	17.4
MN1410 (I)	17.9	18.8	19.2	16.3	17.4
Surge (L)	17.4	16.9	19.0	16.4	17.6
Traill (E)	17.2	17.4	19.1	15.9	16.4
M02-308121	16.9	17.2	18.2	15.8	16.4
M02-314039	17.8	18.0	19.0	16.7	17.3
M02-314095	17.3	16.6	18.4	16.8	17.3
M02-317006	16.7	17.2	17.2	16.3	16.4
M02-324024	17.7	17.4	19.3	16.7	17.3
M02-328023	17.9	17.6	18.8	17.2	17.8
M02-328139	17.5	17.4	18.6	16.7	17.3
M02-330105	17.5	17.3	19.0	16.4	17.4
M02-330112	17.8	17.6	19.5	16.7	17.2
M02-333013	17.1	17.1	17.9	16.2	17.1
M02-333069	17.2	17.2	18.6	16.4	16.6
M02-495076	17.4	17.2	18.6	16.6	17.2
ND03-5441	17.3	17.8	19.0	16.1	16.4
ND04-11083	17.5	17.6	18.8	17.0	16.8
ND04-11101	17.6	18.5	18.7	16.4	17.0
ND04-11111	17.5	18.0	18.7	16.7	16.6
ND04-11415	17.9	17.7	19.1	17.0	17.8
ND04-11421	16.6	16.5	18.0	16.1	15.7
ND04-11478	17.4	17.3	18.7	16.5	17.2
ND04-11730	17.5	17.9	19.1	16.4	16.4
ND04-11779	17.2	17.9	18.6	15.8	16.4
ND04-12689	18.1	18.3	19.9	16.8	17.2
ND05-17644	17.3	17.0	18.8	16.4	16.9
ND05-17649	17.1	17.0	18.7	16.3	16.4
ND05-17926	18.0	17.8	19.2	17.2	17.8
ND05-17933	17.6	17.4	18.7	16.9	17.2
ND05-18208	18.3	18.1	19.8	17.2	17.9
OAC 06-06	17.6	17.5	19.5	16.9	16.7
OAC 06-14	17.5	17.6	18.8	16.7	17.0
OAC 06-26	18.7	19.4	20.0	17.5	17.7
OAC 06-32	18.3	18.7	19.8	17.4	17.3
SD05-333	17.3	17.7	18.6	16.4	16.5
SD05-335	17.7	17.9	19.3	16.2	17.5
SD05-345	17.5	18.4	19.1	15.7	16.8
SD05-363	17.9	17.8	19.3	17.0	17.4
SD05-383	17.7	17.9	19.6	16.3	17.1
SD05-410	17.7	17.8	19.2	16.5	17.4

Uniform Test I, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	MN1410 (I)	MN0302 x Archer	Orf	3	F5	Rps1k, BSR
2.	IA1022 (SCN)	Dairyland 98822 x A00-711024	Fehr	2	F5	SCN
3.	Sheyenne (O)	Pioneer 9071 x A96-492041	Helms	new	F4	Rps1-c
4.	M01-242025	MN0302 x PI495831	Orf	PTI	F5	Diversity, Rps1-k
5.	SD02-923	Pioneer P9172 x IA2021	Scott	2	F4	Rps1-k
6.	SD03-1254	IA2021 x LG92-7054	Scott	1	F5	Rps1-k
7.	SD03-1603	Pioneer P9172 x A96-492058	Scott	1	F5	Rps1-k
8.	SD04CV-405	LG94-1906 x Surge	Scott	PT0	F4	
9.	SD04CV-965	HS96-3347 x Surge	Scott	PTI	F4	
10.	SD04CV-972	HS96-3347 x Surge	Scott	PTI	F4	
11.	U03-100612	U99-009019 x P92B12	Graef	1	F5	SCN, Rps1-k
12.	U04-701201	UP3YC2S3	Graef	PTI	S4	

UNIFORM TEST I, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Chlorosis</u> Score			<u>SCL</u> Score	<u>Shattering</u> Score
		Humboldt IA	Lake Lillian MN	Wilkin County MN	St. Hyacinthe Que.	Manhattan KS
MN1410 (I)	WGBDYBfI	3.5	2.4	1.8	5.0	1.0
IA1022 (SCN)	PGTIYYI	3.5	3.4	2.1	4.3	1.0
Sheyenne (0)	PGBDYI	3.0	2.5	1.4	2.7	1.0
M01-242025	PGTDYYI	2.9	1.8	1.4	4.0	1.0
SD02-923	WTBDYBII	3.6	3.8	2.9	5.0	1.0
SD03-1254	PTBDYBII	3.6	2.6	2.5	4.3	1.0
SD03-1603	PTBDYBII	4.0	2.8	3.1	3.0	1.0
SD04CV-405	P+WGBDYIb+BfI	3.6	2.6	1.9	5.0	1.0
SD04CV-965	PGBDYBfI	3.1	2.9	1.8	5.0	1.0
SD04CV-972	PGBDYLbI	3.1	2.6	1.6	5.0	1.0
U03-100612	PLtTBDYLbII	3.4	3.6	1.4	5.0	1.0
U04-701201	PTTDYLbI	3.6	2.8	2.0	4.0	1.0

UNIFORM TEST I, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	<u>PR</u> Lafayette		<u>FE</u> Laf.	<u>SDS</u> DX Havana
	Race 4	Race 7	a rx.	IL
MN1410 (I)	S*	S*	S	5
IA1022 (SCN)	S	R*	S	8
Sheyenne (0)	S	R	S	0
M01-242025	R	R	S	5
SD02-923	R	R	S	10
SD03-1254	R	R	S	0
SD03-1603	R	R	S	12
SD04CV-405	S	S	S	1
SD04CV-965	S	S	S	3
SD04CV-972	R*	R*	S	12
U03-100612	S*	S*	S	0
U04-701201	R*	R*	S	3

PR: * = *P. sojiae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST I, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 13 bu/a	Rank 13 No.	Maturity 12 Date	Lodging 13 Score	Plant Height 12 In.	Seed Size 14 g/100	Seed Quality 7 Score	Composition	
								Protein 8 %	Oil 8 %
MN1410 (I)	54.5	4	9/14	1.4	33	16.2	1.7	35.3	18.7
IA1022 (SCN)	57.2	1	4.7	1.5	31	15.0	1.6	33.4	19.8
Sheyenne (0)	44.6	11	-6.7	1.3	27	16.0	1.8	34.2	18.9
M01-242025	44.1	12	-2.8	1.3	30	14.9	1.6	35.3	18.6
SD02-923	54.6	3	5.8	1.5	33	13.8	1.8	34.3	18.1
SD03-1254	53.7	7	3.4	1.4	30	15.4	1.4	34.2	18.2
SD03-1603	53.5	8	2.4	1.2	30	17.3	1.5	35.2	17.8
SD04CV-405	49.7	10	0.0	1.5	29	13.5	1.8	35.2	17.7
SD04CV-965	52.8	9	0.2	1.5	30	18.8	1.7	35.3	18.5
SD04CV-972	54.3	5	1.8	1.5	29	18.8	1.5	35.6	18.3
U03-100612	55.9	2	5.8	1.7	30	14.7	1.7	34.2	18.4
U04-701201	53.9	6	3.4	1.6	31	15.0	2.0	35.0	18.4

119.3 Days After Planting

UNIFORM TEST I, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield 26 bu/a	Rank 26 No.	Maturity 24 Date	Lodging 26 Score	Plant Height 24 In.	Seed Size 27 g/100	Seed Quality 17 Score	Composition	
								Protein 17 %	Oil 17 %
MN1410 (I)	55.5	3	9/14	1.4	33	17.2	2.0	35.5	18.5
IA1022 (SCN)	59.2	2	4.4	1.6	31	15.4	1.7	32.9	19.8
SD03-1254	54.4	5	3.0	1.4	30	15.8	1.6	34.2	18.6
SD03-1603	54.5	4	1.7	1.2	30	18.0	1.8	35.1	17.6
U03-100612	59.4	1	4.3	1.5	30	15.5	1.8	33.9	18.8

119.2 Days After Planting

2006-2008 3-YEAR MEAN

No. of Tests Strain	Yield 36 bu/a	Rank 36 No.	Maturity 36 Date	Lodging 39 Score	Plant Height 36 In.	Seed Size 40 g/100	Seed Quality 23 Score	Composition	
								Protein 24 %	Oil 24 %
MN1410 (I)	55.9	1	9/14	1.5	33	17.0	2.0	35.4	18.2
SD02-923	54.8	2	5.3	1.5	34	14.3	1.9	33.9	17.8

118.8 Days After Planting

UNIFORM TEST I, 2008

YIELD (bu/a)

Strain	Mean 13 Tests	Ames* IA	Curlew IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	54.5	43.4	57.2	59.4	43.2	37.7	50.6	34.3
IA1022 (SCN)	57.2	51.5	48.0	63.1	57.8	45.9	55.1	44.5
Sheyenne (O)	44.6	18.2	37.5	41.1	35.7	32.7	39.4	40.4
M01-242025	44.1	22.0	37.1	50.6	37.4	28.7	31.6	51.9
SD02-923	54.6	39.1	43.0	58.8	51.4	35.3	52.4	52.6
SD03-1254	53.7	50.2	44.6	58.7	49.4	37.1	50.5	43.9
SD03-1603	53.5	35.3	47.8	58.9	52.2	38.5	49.2	48.5
SD04CV-405	49.7	28.5	34.1	51.8	41.5	51.9	42.0	42.3
SD04CV-965	52.8	38.9	47.4	51.8	49.1	30.8	48.0	45.6
SD04CV-972	54.3	36.9	49.3	55.0	49.4	44.7	48.8	42.4
U03-100612	55.9	48.8	42.6	56.7	54.6	39.8	48.0	49.6
U04-701201	53.9	35.9	41.4	61.4	51.0	35.0	45.3	35.9
Location Mean		37.4	44.2	55.6	47.7	38.2	46.7	44.3
C.V. (%)			15.2	9.2	10.4	11.0	7.6	15.0
L.S.D. (5%)			14.8	8.7	8.4	7.5	6.4	10.8
Row Sp. (In.)		27	27	30	30	15	15	10
Rows/Plot		4	4	4	4	6	6	10
Reps		1	2	3	3	2	2	3

*Data not included in mean.

UNIFORM TEST I, 2008

YIELD RANK

Strain	Yield Rank	Ames IA	Curlew IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	4	4	1	3	9	6	3	12
IA1022 (SCN)	1	1	3	1	1	2	1	6
Sheyenne (O)	11	12	10	12	12	10	11	10
M01-242025	12	11	11	11	11	12	12	2
SD02-923	3	5	7	5	4	8	2	1
SD03-1254	7	2	6	6	6	7	4	7
SD03-1603	8	9	4	4	3	5	5	4
SD04CV-405	10	10	12	9	10	1	10	9
SD04CV-965	9	6	5	9	8	11	7	5
SD04CV-972	5	7	2	8	6	3	6	8
U03-100612	2	3	8	7	2	4	8	3
U04-701201	6	8	9	2	5	9	9	11

UNIFORM TEST I, 2008

YIELD (bu/a)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Chatham ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	47.9	54.3	73.6	83.5	66.4	58.9	42.1
IA1022 (SCN)	61.4	52.9	68.7	88.5	61.8	51.2	44.4
Sheyenne (0)	44.8	37.2	70.7	53.0	42.2	64.2	40.8
M01-242025	43.3	41.9	58.1	62.2	45.0	47.5	37.5
SD02-923	56.1	56.6	73.0	85.5	67.9	35.0	41.9
SD03-1254	54.0	51.6	74.9	75.6	65.8	47.7	44.3
SD03-1603	44.9	52.8	66.6	74.4	63.7	55.5	43.0
SD04CV-405	53.1	54.8	73.0	69.1	49.9	43.4	39.2
SD04CV-965	48.5	47.0	76.5	91.8	59.5	49.4	40.5
SD04CV-972	53.5	48.0	74.3	85.4	64.4	51.3	39.5
U03-100612	56.7	69.6	79.8	89.6	59.6	33.2	46.9
U04-701201	55.9	52.9	80.8	89.5	59.9	51.1	40.9
Location Mean	51.7	51.6	72.5	79.0	58.9	49.0	41.8
C.V. (%)	8.3	4.7	9.0	9.1	5.5	10.1	5.3
L.S.D. (5%)	6.9	6.1	16.1	17.9	4.6	6.9	3.6
Row Sp. (In.)	10	30	30	30	17	15	30
Rows/Plot	10	4	4	4	5	4	4
Reps	3	2	2	2	3	3	3

UNIFORM TEST I, 2008

YIELD RANK

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Chatham ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	9	4	6	7	2	2	5
IA1022 (SCN)	1	5	10	4	6	5	2
Sheyenne (0)	11	12	9	12	12	1	8
M01-242025	12	11	12	11	11	9	12
SD02-923	3	2	7	5	1	11	6
SD03-1254	5	8	4	8	3	8	3
SD03-1603	10	7	11	9	5	3	4
SD04CV-405	7	3	7	10	10	10	11
SD04CV-965	8	10	3	1	9	7	9
SD04CV-972	6	9	5	6	4	4	10
U03-100612	2	1	2	2	8	12	1
U04-701201	4	5	1	3	7	6	7

UNIFORM TEST I, 2008

MATURITY (date)

Strain	Mean 12 Tests	Ames IA	Curlew IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	9/14	9/8		9/2	9/6	9/8	9/11	9/16
IA1022 (SCN)	4.7	11		6	2	5	4	4
Sheyenne (0)	-6.7	-8		-1	-12	-7	-3	-2
M01-242025	-2.8	-5		2	-5	-6	-1	4
SD02-923	5.8	15		8	2	7	6	6
SD03-1254	3.4	12		6	4	4	4	5
SD03-1603	2.4	7		8	3	6	2	6
SD04CV-405	0.0	-2		1	1	1	0	2
SD04CV-965	0.2	3		2	1	-5	1	3
SD04CV-972	1.8	4		2	2	2	3	3
U03-100612	5.8	11		5	3	5	4	5
U04-701201	3.4	5		6	4	4	3	4
Date Planted	5/17	5/6		5/22	5/19	5/23	5/6	5/22
Days to Mature	119	125		103	110	108	128	117

UNIFORM TEST I, 2008

LODGING (score)

Strain	Mean 13 Tests	Ames IA	Curlew IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	1.4	1.0	1.5	1.5	1.2	1.0	1.0	1.7
IA1022 (SCN)	1.5	1.0	1.5	1.0	1.0	1.0	1.0	1.7
Sheyenne (0)	1.3	1.0	1.5	1.5	1.3	1.0	1.0	1.3
M01-242025	1.3	1.0	1.5	1.2	1.0	1.0	1.0	2.0
SD02-923	1.5	1.0	1.5	1.2	1.2	1.0	1.0	2.0
SD03-1254	1.4	1.0	1.5	1.0	1.0	1.0	1.0	1.7
SD03-1603	1.2	1.0	1.5	1.0	1.0	1.0	1.0	1.0
SD04CV-405	1.5	1.0	1.5	1.2	1.0	1.0	1.0	2.0
SD04CV-965	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.0
SD04CV-972	1.5	1.0	1.5	1.0	1.0	1.0	1.0	2.0
U03-100612	1.7	1.0	1.5	1.0	1.0	1.0	1.0	2.0
U04-701201	1.6	1.0	1.5	1.5	1.2	1.0	1.0	2.0

UNIFORM TEST I, 2008

MATURITY (date)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Chatham ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	9/18	9/17	9/25		9/11	9/27	9/19
IA1022 (SCN)	7	0	2		7	5	3
Sheyenne (0)	-5	-19	-2		-8	-5	-8
M01-242025	2	-13	-3		-6	0	-3
SD02-923	8	-4	-2		9	11	4
SD03-1254	5	-5	0		6	1	-1
SD03-1603	4	-7	-1		5	-1	-3
SD04CV-405	4	-6	-1		2	0	-2
SD04CV-965	4	-4	-1		1	1	-4
SD04CV-972	5	-4	-1		4	3	-1
U03-100612	6	6	5		7	6	6
U04-701201	4	4	2		4	0	1
Date Planted	5/15	5/15	6/10		5/22	5/10	5/12
Days to Mature	126	125	107		112	140	130

UNIFORM TEST I, 2008

LODGING (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Chatham ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	2.0		1.5	1.0	1.0	3.3	1.0
IA1022 (SCN)	3.0		2.0	1.0	1.0	3.3	1.0
Sheyenne (0)	2.0		1.5	1.0	1.0	2.0	1.0
M01-242025	2.0		1.0	1.0	1.0	2.7	1.0
SD02-923	2.0		1.0	1.0	1.0	3.0	2.0
SD03-1254	2.0		2.0	1.0	1.0	3.3	1.0
SD03-1603	2.0		1.0	1.0	1.0	2.0	1.0
SD04CV-405	2.7		1.5	1.0	1.0	3.7	1.0
SD04CV-965	3.0		1.5	1.0	1.0	3.7	1.0
SD04CV-972	3.0		1.0	1.0	1.0	3.7	1.0
U03-100612	2.0		1.0	1.0	1.0	5.0	3.0
U04-701201	2.0		2.0	1.0	1.0	3.0	2.0

UNIFORM TEST I, 2008**PLANT HEIGHT (inches)**

Strain	Mean 12 Tests	Ames IA	Curlew IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	33	25	33	32	30	28	28	35
IA1022 (SCN)	31	27	26	32	29	29	24	34
Sheyenne (O)	27	15	26	27	25	25	20	34
M01-242025	30	21	29	29	27	29	22	36
SD02-923	33	28	33	32	29	26	29	36
SD03-1254	30	24	26	28	26	26	25	35
SD03-1603	30	25	27	29	27	25	26	35
SD04CV-405	29	22	23	28	26	26	23	35
SD04CV-965	30	24	26	29	28	26	25	37
SD04CV-972	29	21	27	29	26	26	25	32
U03-100612	30	26	27	29	27	26	23	32
U04-701201	31	24	29	30	30	27	27	37

UNIFORM TEST I, 2008**SEED SIZE (g/100)**

Strain	Mean 14 Tests	Ames IA	Curlew IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	16.2	14.9	16.0	15.6	15.5	13.9	15.3	16.4
IA1022 (SCN)	15.0	14.3	13.0	14.4	15.6	14.0	14.2	13.4
Sheyenne (O)	16.0	15.5	14.6	15.3	15.6	12.9	14.8	15.1
M01-242025	14.9	14.3	14.1	14.0	15.3	13.1	13.7	14.0
SD02-923	13.8	13.3	13.7	13.6	14.5	13.6	12.8	12.4
SD03-1254	15.4	15.2	15.3	15.1	16.0	14.2	14.2	14.9
SD03-1603	17.3	16.4	16.6	17.2	18.4	15.7	15.3	16.1
SD04CV-405	13.5	12.0	12.6	13.1	13.7	13.7	12.5	11.9
SD04CV-965	18.8	18.8	18.3	18.9	19.5	14.7	17.6	17.1
SD04CV-972	18.8	18.8	18.7	19.5	20.2	17.6	18.0	15.3
U03-100612	14.7	14.4	13.8	15.0	15.1	13.7	14.2	12.9
U04-701201	15.0	13.4	14.3	14.5	15.7	14.8	15.3	12.5

UNIFORM TEST I, 2008**PLANT HEIGHT (inches)**

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Chatham ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	39	32			28	48	36
IA1022 (SCN)	35	30			25	45	32
Sheyenne (0)	30	29			20	39	31
M01-242025	36	29			26	46	32
SD02-923	36	31			30	43	38
SD03-1254	33	29			26	40	36
SD03-1603	35	28			30	37	33
SD04CV-405	31	30			22	44	33
SD04CV-965	35	28			24	44	37
SD04CV-972	34	28			28	40	34
U03-100612	34	36			25	37	33
U04-701201	37	32			25	42	35

UNIFORM TEST I, 2008**SEED SIZE (g/100)**

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Chatham ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	17.5	13.1	18.8	19.1	17.8	18.9	14.3
IA1022 (SCN)	14.8	13.7	17.9	16.7	16.1	17.9	13.5
Sheyenne (0)	15.4	14.7	20.5	18.9	16.4	18.4	15.4
M01-242025	14.4	13.5	17.9	18.3	14.0	18.1	14.5
SD02-923	13.5	11.2	15.9	15.4	14.9	15.6	12.2
SD03-1254	16.0	12.5	17.4	17.2	15.5	18.6	13.0
SD03-1603	17.1	14.7	18.7	19.7	17.8	21.8	16.3
SD04CV-405	12.7	11.7	15.5	15.8	14.8	16.5	12.2
SD04CV-965	18.6	16.6	22.5	23.1	19.8	22.2	15.6
SD04CV-972	18.3	15.8	21.7	21.9	19.9	21.7	15.9
U03-100612	15.7	13.0	15.7	16.4	15.0	18.2	12.9
U04-701201	14.7	12.8	16.0	17.2	15.9	19.3	14.1

UNIFORM TEST I, 2008**SEED QUALITY (score)**

Strain	Mean 7 Tests	Ames IA	Curlew IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	1.7			1.0	3.0			1.0
IA1022 (SCN)	1.6			1.0	2.5			1.0
Sheyenne (0)	1.8			1.5	4.0			1.0
M01-242025	1.6			1.0	3.5			1.0
SD02-923	1.8			1.0	1.5			1.5
SD03-1254	1.4			1.0	1.5			1.0
SD03-1603	1.5			1.0	1.5			1.0
SD04CV-405	1.8			1.0	2.5			1.0
SD04CV-965	1.7			1.5	2.0			1.0
SD04CV-972	1.5			1.0	1.5			1.0
U03-100612	1.7			1.0	1.5			1.0
U04-701201	2.0			1.0	1.5			1.0

UNIFORM TEST I, 2008**SEED QUALITY (score)**

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Chatham ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	1.5				1.3	2.0	2.0
IA1022 (SCN)	1.0				1.7	2.0	2.0
Sheyenne (0)	2.0				1.3	1.0	2.0
M01-242025	1.0				1.7	1.0	2.0
SD02-923	1.5				1.0	3.0	3.0
SD03-1254	1.0				1.0	2.0	2.0
SD03-1603	2.0				1.0	2.0	2.0
SD04CV-405	2.0				1.3	3.0	2.0
SD04CV-965	2.0				1.3	2.0	2.0
SD04CV-972	2.0				1.7	1.0	2.0
U03-100612	1.5				1.7	3.0	2.0
U04-701201	1.5				1.7	4.0	3.0

UNIFORM TEST I, 2008

PROTEIN (%)

Strain	Mean 8 Tests	Curlew IA	Lafayette IN	Wanatah IN	Ingham MI	Lamberton MN	Waseca MN	Chatham ONT	St. Hyacinthe Que.
MN1410 (I)	35.3	35.7	34.7	35.1	36.3	34.8	33.9	37.0	35.3
IA1022 (SCN)	33.4	34.1	34.7	34.0	34.0	31.4	31.7	33.8	33.3
Sheyenne (0)	34.2	34.7	34.1	34.9	35.1	33.4	31.9	35.1	34.1
M01-242025	35.3	35.5	36.2	35.9	35.8	34.7	32.5	36.5	35.2
SD02-923	34.3	34.7	34.7	35.4	34.5	32.9	31.3	35.6	35.6
SD03-1254	34.2	34.7	34.8	35.1	34.2	32.5	32.3	35.6	34.5
SD03-1603	35.2	35.4	35.9	35.8	34.6	33.6	35.0	35.9	35.3
SD04CV-405	35.2	36.0	35.3	35.5	35.4	34.0	32.4	36.3	36.4
SD04CV-965	35.3	35.9	34.5	35.3	36.2	35.5	34.0	35.8	35.3
SD04CV-972	35.6	35.8	35.2	35.8	35.6	34.2	34.4	37.3	36.3
U03-100612	34.2	33.9	33.5	34.4	35.4	33.9	32.4	34.8	35.6
U04-701201	35.0	35.5	33.8	35.0	35.8	34.7	33.4	36.4	35.2

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST I, 2008

OIL (%)

Strain	Mean 8 Tests	Curlew IA	Lafayette IN	Wanatah IN	Ingham MI	Lamberton MN	Waseca MN	Chatham ONT	St. Hyacinthe Que.
MN1410 (I)	18.7	18.7	19.2	18.9	18.3	18.5	18.9	18.7	18.2
IA1022 (SCN)	19.8	19.2	20.1	20.1	20.2	20.3	20.1	20.4	18.5
Sheyenne (0)	18.9	18.4	19.3	19.0	18.3	19.1	19.3	19.3	18.2
M01-242025	18.6	17.9	18.3	18.8	18.7	18.5	18.9	18.9	18.4
SD02-923	18.1	17.7	19.1	17.4	17.9	17.8	18.3	18.7	18.1
SD03-1254	18.2	17.2	18.5	18.5	18.3	18.8	18.2	19.2	16.7
SD03-1603	17.8	16.8	17.4	17.9	17.8	18.2	18.6	18.5	16.9
SD04CV-405	17.7	17.1	17.7	17.8	17.9	17.8	17.8	18.0	17.4
SD04CV-965	18.5	17.3	19.3	19.0	18.7	18.4	19.1	19.1	17.3
SD04CV-972	18.3	17.3	18.7	18.8	18.5	19.1	18.5	17.8	17.9
U03-100612	18.4	17.9	19.3	18.4	18.3	17.9	18.4	19.3	17.8
U04-701201	18.4	17.4	19.6	18.7	18.5	18.4	18.7	18.9	17.3

Preliminary Test I, 2008

Ent.	Strain	Parentage	Seed Source	Gen. Comp.	Unique Traits
1.	MN1410 (I)	MN0302 x Archer	Orf	F5	Rps1k, BSR
2.	IA1022 (SCN)	Dairyland 98822 x A00-711024	Fehr	F5	SCN
3.	Sheyenne (O)	Pioneer 9071 x A96-492041	Helms	F4	Rps1-c
4.	A07-426006	A02-136027 x Soygenetics N27205C	Fehr	F4	
5.	A07-426007	A02-136030 x Dairyland 99627	Fehr	F4	
6.	A07-426008	A02-136030 x Dairyland 99627	Fehr	F4	
7.	A07-426011	IA1021 x Syngenta S30-Y8	Fehr	F4	SCN
8.	A07-426016	IA1021 x Syngenta S30-Y8	Fehr	F4	SCN
9.	A07-426027	A02-136030 x AgriPro 97023-A99-03284	Fehr	F4	
10.	A07-426028	A02-136030 x AgriPro 97023-A99-03284	Fehr	F4	
11.	A07-426038	AgriPro 97144-A00-15133 x IA1021	Fehr	F4	
12.	A07-426040	Dairyland 99707 x Pioneer 91M10	Fehr	F4	
13.	A07-427009	A02-136021 x Dairyland 99508	Fehr	F4	
14.	A07-427012	A02-136027 x Soygenetics N27205C	Fehr	F4	
15.	A07-427027	A02-136021 x Dairyland 99733	Fehr	F4	
16.	A07-427028	A02-136021 x Dairyland 99733	Fehr	F4	
17.	A07-427030	A02-136027 x Dairyland 99669	Fehr	F4	
18.	A07-427035	IA2068 x Dairyland 99345-31	Fehr	F4	SCN
19.	AR06-164008	S16-Y6 x Ag03-1	Cianzio	F3	BSR
20.	AR06-164016	Ag03-4 x S16-Y6	Cianzio	F3	BSR
21.	AR06-164017	Ag03-4 x S16-Y6	Cianzio	F3	BSR
22.	AR07-176037	AR02-101001 x Soy04-11	Cianzio	F4	BSR
23.	AR07-176042	AR02-101001 x Soy04-11	Cianzio	F4	BSR
24.	AR07-176067	Ag03-1 x Ag03-3	Cianzio	F4	
25.	AR07-176077	G03-1 x Ag03-6	Cianzio	F4	
26.	AR07-176090	Ag03-1 x Ag03-3	Cianzio	F4	
27.	AR07-176114	G03-1 x Ag03-3	Cianzio	F4	
28.	M00-400054	M91-134038 x SD93-828	Orf	F5	IDC
29.	M02-328070	MN0304 x A00-712012	Orf	F5	
30.	ORC 0702	PRO 30-05 x PRO 3170	Ablett	F5	
31.	ORC 0703	IA 1008 x OAC Kent	Ablett	F5	
32.	SD05-136	SDX98-76192 x N98-4445A	Scott	F5	
33.	SD05-143	SDX98-76192 x N98-4445A	Scott	F5	
34.	SD05-153	SDX98-76192 x N98-4445A	Scott	F5	
35.	SD05-178	Parker x SD97-92-2	Scott	F5	
36.	SD05-254	A00-711063 x SD98-595	Scott	F5	
37.	SD05-257	A00-711063 x SD98-595	Scott	F5	
38.	SD05-264	A00-711063 x SD98-595	Scott	F5	
39.	SD05-379	M95-327061 x Surge	Scott	F5	
40.	SD05-414	M95-327061 x Surge	Scott	F5	
41.	SD05-422	M95-327061 x Surge	Scott	F5	
42.	U05-220019	U97-209053-11-22 x UP1FeS1C8S0-91	Graef	F4	
43.	U05-223015	U01-390489 x UP1FeS1C8S0-91	Graef	F4	IDC, SCN
44.	U05-224017	U01-390489 x UP1FeS1C8S0-90	Graef	F4	IDC, SCN

PRELIMINARY TEST I, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>			<u>SCL</u>	<u>Shattering</u>	<u>PR</u>		<u>FE</u>
		Score			Score	Score	Lafayette		Laf.
		Humboldt IA	Lake Lillian MN	Wilkin County MN	St. Hyacinthe Que.	Manhattan KS	Race 4	Race 7	a rx.
MN1410 (I)	WGBDYBfI	3.5	2.9	2.0	5.0	1.0	S*	S*	S
IA1022 (SCN)	PGTIYYI	3.5	3.8	1.9	5.0	1.0	S	S	S
Sheyenne (0)	PGBDYI	3.0	2.8	1.3	3.5	1.0	S	R	S
A07-426006	WGBDYI	2.9	3.0	1.5	3.5	1.0	H*	R*	S
A07-426007	WGBDYBfI	2.8	3.5	1.8	5.0	1.0	S	S	S
A07-426008	WGBDYI	3.6	3.1	2.5	5.0	2.0	S	S	S
A07-426011	PLtTBDYI	3.4	3.9	1.9	5.0	2.0	S	S	S
A07-426016	PLtTBDYI	3.3	3.5	2.0	5.0	2.0	S	S	S
A07-426027	WGBDYI	3.0	3.1	1.4	4.5	1.0	S	S	S
A07-426028	WGBDYI	3.1	3.4	1.6	5.0	1.0	S	S	S
A07-426038	PT+GBDYI	3.1	3.1	1.3	5.0	1.0	S	S	S
A07-426040	P+WT+GTDYI	3.6	3.0	1.9	4.5	1.0	S	S	S
A07-427009	WLtTBDYI	3.4	4.0	1.8	5.0	1.0	S	S	S
A07-427012	PGBDYI	2.8	3.3	1.6	5.0	1.0	R*	R*	S
A07-427027	PGBDYI	3.1	3.6	1.6	4.5	1.0	S	S	S
A07-427028	PGBDYI	3.1	3.1	1.4	5.0	1.0	S	S	S
A07-427030	WLtTBDYI	3.4	3.8	1.6	5.0	1.0	S	R*	S
A07-427035	PLtTBDYI	3.9	3.6	2.0	5.0	1.0	S	S	S
AR06-164008	PLtTDYBII	3.8	4.0	2.5	5.0	1.0	S	S	S
AR06-164016	PLtTDYBI+BrI	3.4	3.4	2.5	5.0	1.0	R*	R*	S
AR06-164017	PLtTDYBII	3.0	2.4	2.3	5.0	2.0	S	S	S
AR07-176037	WTBDYBrI	3.4	3.9	1.5	5.0	1.0	H*	H*	S
AR07-176042	PTTDYBrI	3.4	3.9	1.8	4.0	2.0	S	S	S
AR07-176067	PLtBDYBII	3.5	3.9	2.9	5.0	1.0	S	S	S
AR07-176077	PLtBDYBII	3.3	2.8	2.1	5.0	1.0	S	S	S
AR07-176090	PTBDYBII	2.9	3.8	1.8	4.5	1.0	S	S	S
AR07-176114	PGTDYIbI	3.4	2.6	1.9	5.0	1.0	R*	R*	S
M00-400054	PGBDYBfI	2.9	2.6	1.3	5.0	1.0	S	S	-
M02-328070	PTBDYBr+BII	3.3	3.9	2.3	3.5	2.0	R*	R*	-
ORC 0702	PGBDYI	4.1	3.8	3.1	4.5	2.0	S	S	S
ORC 0703	PGBDYI	3.6	4.1	2.6	5.0	1.0	S	S	S
SD05-136	PGBDYBfI	2.8	3.3	1.6	5.0	1.0	S	S	-
SD05-143	PGBDYBfI	3.0	3.0	1.5	5.0	1.0	S	S	-
SD05-153	PGBDYLbI	2.9	3.0	1.9	5.0	1.0	S	S	S
SD05-178	PGBDYLbI	2.9	3.6	1.8	5.0	1.0	S	S	S
SD05-254	P+WGTDYIbI	3.4	3.8	2.4	5.0	2.0	S	S	-
SD05-257	WGTDYBfI	3.3	2.6	2.6	5.0	2.0	S	S	S
SD05-264	WGTDYBfI	3.5	3.6	2.3	4.5	1.0	S	S	-
SD05-379	PGTDYIbI	3.0	2.8	1.5	5.0	1.0	S	S	S
SD05-414	PGTDYBfI	3.8	3.1	2.0	5.0	1.0	S	S	S
SD05-422	PGTDYBfI	3.4	3.5	2.8	5.0	1.0	S	S	S
U05-220019	PGTDYBfI	3.1	3.3	2.0	5.0	1.0	S	S	S
U05-223015	PT+GB+TDYBf+IbI	2.8	3.6	1.8	5.0	1.0	S	S	S
U05-224017	PTBDYG+YI	2.8	2.4	1.3	5.0	1.0	S	R*	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST I, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	10 bu/a	10 No.	10 Date	11 Score	Height 9 In.	Size 12 g/100	Quality 6 Score	Protein 7 %	Oil 7 %
MN1410 (I)	55.2	13	9/14	1.5	33	16.5	1.7	35.3	18.4
IA1022 (SCN)	54.3	17	4.1	1.7	31	15.2	1.8	33.5	19.6
Sheyenne (O)	44.1	44	-5.2	1.3	28	15.9	1.7	34.5	18.7
A07-426006	50.6	27	0.3	1.2	30	16.0	1.5	36.2	18.0
A07-426007	53.7	20	2.5	1.7	29	13.8	1.7	34.9	18.2
A07-426008	52.7	23	0.6	2.0	29	14.3	1.6	34.8	18.6
A07-426011	53.5	21	1.8	1.5	32	15.3	1.7	34.9	18.2
A07-426016	54.2	18	1.3	1.5	32	15.5	1.5	35.5	18.3
A07-426027	55.0	14	1.1	1.3	29	16.0	1.5	34.3	18.0
A07-426028	56.5	8	6.5	1.5	30	16.5	1.5	35.0	17.9
A07-426038	54.4	16	3.8	1.5	30	16.4	2.0	35.3	17.9
A07-426040	57.6	5	4.8	1.3	32	16.4	1.4	35.0	18.5
A07-427009	55.7	11	4.6	1.7	34	16.1	1.9	35.2	17.9
A07-427012	55.3	12	6.2	1.7	36	15.0	1.4	35.5	18.1
A07-427027	57.8	4	6.5	1.4	31	15.5	1.5	34.5	18.6
A07-427028	56.3	9	5.5	1.5	35	14.7	2.1	35.3	18.0
A07-427030	57.0	7	6.9	2.0	35	13.6	1.4	35.0	18.1
A07-427035	50.6	28	1.9	1.6	29	16.5	1.6	35.5	18.4
AR06-164008	53.2	22	6.4	1.6	29	15.2	1.8	35.2	17.8
AR06-164016	56.1	10	6.3	1.7	32	17.6	2.4	34.6	18.4
AR06-164017	52.3	24	4.5	1.6	29	16.6	2.0	35.7	17.5
AR07-176037	60.2	2	9.7	1.4	30	15.7	1.3	35.2	18.1
AR07-176042	54.1	19	5.0	1.3	32	15.0	1.3	35.8	18.3
AR07-176067	54.8	15	4.3	1.4	30	16.6	1.6	35.3	17.9
AR07-176077	57.4	6	7.6	1.3	33	17.1	1.3	35.0	18.1
AR07-176090	60.6	1	7.1	1.5	31	14.8	1.3	35.5	18.0
AR07-176114	58.4	3	7.3	1.5	32	17.1	1.6	34.2	18.7
M00-400054	47.0	37	2.7	1.5	31	14.2	1.8	35.1	18.6
M02-328070	49.0	29	-1.3	1.2	28	15.8	1.7	34.9	18.4
ORC 0702	51.2	26	2.0	1.3	30	16.7	1.6	34.6	18.6
ORC 0703	49.0	29	-1.6	1.5	31	16.9	1.7	36.0	17.9
SD05-136	48.6	32	-2.5	1.5	30	16.8	1.6	35.0	19.3
SD05-143	46.5	40	-1.7	1.5	28	15.2	2.2	34.9	19.5
SD05-153	46.8	39	-3.5	1.8	30	16.9	2.1	34.7	19.0
SD05-178	44.4	43	-1.9	1.8	31	17.3	1.6	35.3	19.5
SD05-254	47.7	34	2.1	2.1	30	14.4	1.9	34.1	18.7
SD05-257	48.8	31	-1.1	1.8	30	16.3	1.7	34.9	18.7
SD05-264	47.4	35	-1.7	1.6	29	16.3	1.7	34.1	19.0
SD05-379	46.8	38	-2.1	1.5	28	17.4	1.8	35.2	18.5
SD05-414	48.1	33	-1.3	1.7	29	18.5	1.5	34.9	18.9
SD05-422	46.5	40	-0.7	1.6	29	17.0	1.7	33.9	19.0
U05-220019	47.3	36	8.5	2.4	36	14.9	1.9	34.2	18.0
U05-223015	46.4	42	1.6	1.4	32	16.2	2.8	35.7	17.7
U05-224017	51.5	25	0.1	1.8	34	16.9	2.0	35.6	17.6

PRELIMINARY TEST I, 2008

YIELD (bu/a)

Strain	Mean 10 Tests	Ames* IA	Curlew IA	Lafayette IN	Ingham* County MI	Lamberton MN	Waseca MN
MN1410 (I)	55.2	43.4	57.2	57.9	30.2	28.7	50.6
IA1022 (SCN)	54.3	51.5	48.0	65.3	36.3	36.2	42.7
Sheyenne (0)	44.1	18.2	37.5	43.6	40.0	41.4	37.7
A07-426006	50.6	42.2	46.8	62.2	33.8	31.1	42.4
A07-426007	53.7	41.4	43.9	62.0	41.9	44.5	46.3
A07-426008	52.7	38.1	38.9	57.8	37.3	38.2	46.4
A07-426011	53.5	37.3	44.2	62.3	37.4	41.1	49.6
A07-426016	54.2	37.7	40.3	62.5	35.3	43.2	55.8
A07-426027	55.0	49.0	41.3	60.4	34.8	47.9	53.8
A07-426028	56.5	55.6	43.2	69.7	32.8	39.4	55.7
A07-426038	54.4	50.2	46.3	65.9	37.9	43.6	45.2
A07-426040	57.6	48.1	48.3	68.8	35.3	46.2	47.7
A07-427009	55.7	42.1	49.1	62.5	24.9	41.0	53.5
A07-427012	55.3	51.7	51.8	65.2	38.9	39.9	55.6
A07-427027	57.8	52.8	50.9	66.8	49.1	47.2	52.2
A07-427028	56.3	48.6	44.5	67.8	43.0	41.3	53.8
A07-427030	57.0	49.9	49.7	62.3	27.6	43.6	52.9
A07-427035	50.6	31.7	45.7	52.5	40.5	42.0	47.8
AR06-164008	53.2	46.3	45.9	58.0	31.2	44.0	45.0
AR06-164016	56.1	49.2	48.1	69.2	33.7	41.6	48.3
AR06-164017	52.3	37.2	43.8	61.3	28.2	44.0	46.2
AR07-176037	60.2	42.9	55.8	69.9	45.4	43.8	53.6
AR07-176042	54.1	51.0	43.9	64.9	32.6	39.1	53.7
AR07-176067	54.8	51.6	50.5	61.2	32.7	38.6	53.8
AR07-176077	57.4	51.2	49.4	66.3	32.0	51.2	55.5
AR07-176090	60.6	49.2	46.4	65.8	37.6	45.2	58.2
AR07-176114	58.4	53.0	56.7	69.6	32.0	43.7	56.8
M00-400054	47.0	29.4	37.2	48.5	33.6	38.2	44.8
M02-328070	49.0	46.5	38.2	53.8	33.6	39.8	45.2
ORC 0702	51.2	41.3	36.7	53.1	30.5	42.6	46.2
ORC 0703	49.0	34.7	42.6	48.6	30.6	35.8	43.2
SD05-136	48.6	27.7	47.3	48.4	32.1	34.0	38.7
SD05-143	46.5	33.5	34.9	49.1	32.7	43.8	36.2
SD05-153	46.8	26.2	34.3	42.8	33.2	39.3	38.2
SD05-178	44.4	32.9	33.1	39.8	30.6	34.6	38.4
SD05-254	47.7	22.6	35.8	57.3	29.6	42.1	48.3
SD05-257	48.8	37.5	45.5	55.4	25.8	41.6	51.1
SD05-264	47.4	33.2	31.2	52.7	30.8	40.5	39.5
SD05-379	46.8	30.7	37.8	43.2	23.5	37.9	41.5
SD05-414	48.1	26.9	37.6	50.6	40.5	34.6	38.6
SD05-422	46.5	41.7	33.3	52.3	20.9	41.1	38.2
U05-220019	47.3	39.1	31.7	62.5	26.7	40.0	36.9
U05-223015	46.4	31.7	40.6	57.3	33.5	25.2	42.1
U05-224017	51.5	48.0	52.4	58.0	33.5	38.5	43.5
Location Mean		41.0	43.6	58.5	33.7	40.4	47.1
C.V. (%)			10.1	6.5	20.0	11.5	12.5
L.S.D. (5%)			8.9	7.3	11.3	9.4	11.6
Row Sp. (In.)		27	27	30	15	10	10
Rows/Plot		4	4	4	6	4	4
Reps		1	1	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST I, 2008

YIELD (bu/a)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Palmyra ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	49.5	80.2	92.7	32.0	60.8	42.2
IA1022 (SCN)	52.3	68.0	87.0	44.7	53.0	45.8
Sheyenne (O)	36.4	52.4	53.8	30.6	67.9	39.4
A07-426006	43.3	65.3	81.7	31.6	61.9	39.7
A07-426007	57.1	75.6	94.8	34.0	36.6	42.3
A07-426008	62.9	65.0	90.0	36.0	45.9	46.2
A07-426011	54.1	75.2	85.2	37.2	42.9	43.7
A07-426016	58.7	66.5	86.2	33.2	51.4	44.1
A07-426027	56.1	76.7	85.4	31.7	52.9	44.3
A07-426028	56.2	80.3	96.3	31.8	48.1	44.8
A07-426038	57.4	76.4	96.4	32.6	34.3	46.4
A07-426040	59.6	80.1	89.8	32.2	59.4	44.0
A07-427009	59.6	75.7	95.5	33.3	42.4	44.3
A07-427012	52.4	69.5	92.3	35.4	54.3	36.4
A07-427027	59.5	80.2	95.1	32.7	48.5	44.6
A07-427028	52.8	77.0	96.0	36.8	47.6	45.4
A07-427030	60.8	77.6	97.3	34.6	48.2	42.7
A07-427035	47.3	65.9	81.4	33.5	46.1	43.7
AR06-164008	59.9	75.6	91.4	31.7	35.2	45.2
AR06-164016	51.0	79.4	90.0	50.4	41.4	41.4
AR06-164017	55.3	66.9	88.8	37.9	35.0	43.6
AR07-176037	56.2	89.3	102.6	39.9	48.3	43.0
AR07-176042	49.9	73.2	83.6	34.4	54.7	43.1
AR07-176067	56.0	83.5	90.2	33.0	34.7	46.3
AR07-176077	51.6	80.4	89.9	38.0	49.3	42.2
AR07-176090	61.1	84.0	110.6	34.4	57.2	43.3
AR07-176114	58.3	75.5	96.4	42.8	40.0	44.1
M00-400054	47.5	62.7	81.3	28.4	40.7	40.4
M02-328070	44.8	60.9	77.4	34.1	56.4	39.1
ORC 0702	54.9	70.1	83.0	32.3	52.3	41.2
ORC 0703	47.5	72.7	73.5	33.1	53.5	39.1
SD05-136	48.9	67.2	80.1	25.9	58.3	37.7
SD05-143	47.8	62.9	77.7	29.6	44.7	38.4
SD05-153	47.3	64.3	76.4	35.0	53.1	37.6
SD05-178	45.2	51.5	79.8	29.0	51.6	40.8
SD05-254	50.1	61.2	83.7	34.1	23.1	41.6
SD05-257	41.0	67.2	82.6	28.6	31.5	43.0
SD05-264	44.0	66.9	78.4	32.0	46.5	42.1
SD05-379	42.4	68.7	78.5	25.1	55.9	37.3
SD05-414	46.5	65.8	80.9	28.9	54.3	42.9
SD05-422	44.7	64.3	82.3	27.8	44.2	37.2
U05-220019	50.4	65.4	74.5	30.1	45.3	36.4
U05-223015	43.8	70.9	61.7	31.4	54.1	37.2
U05-224017	46.3	64.9	83.5	40.9	49.1	38.2
Location Mean	51.6	71.0	85.8	33.7	48.0	41.9
C.V. (%)	8.6	9.5	5.7	7.2	13.1	4.8
L.S.D. (5%)	11.2	16.8	12.0	3.4	10.6	4.1
Row Sp. (In.)	30	30	30	17	15	30
Rows/Plot	4	4	4	5	4	4
Reps	2	2	2	2	2	2

PRELIMINARY TEST I, 2008

YIELD RANK

Strain	Yield Rank	Ames IA	Curlew IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	13	19	1	26	36	43	16
IA1022 (SCN)	17	6	13	11	13	37	32
Sheyenne (0)	44	44	35	41	7	20	42
A07-426006	27	21	15	19	17	42	33
A07-426007	20	24	23	20	4	6	23
A07-426008	23	27	31	27	12	34	22
A07-426011	21	30	22	17	11	22	17
A07-426016	18	28	30	14	14	14	3
A07-426027	14	13	28	23	16	2	7
A07-426028	8	1	26	2	24	29	4
A07-426038	16	9	17	9	9	12	26
A07-426040	5	15	11	5	15	4	21
A07-427009	11	22	10	14	42	24	12
A07-427012	12	4	5	12	8	27	5
A07-427027	4	3	6	7	1	3	14
A07-427028	9	14	20	6	3	21	7
A07-427030	7	10	8	17	39	12	13
A07-427035	28	36	19	34	5	17	20
AR06-164008	22	18	18	24	31	7	28
AR06-164016	10	11	12	4	18	18	18
AR06-164017	24	31	25	21	38	7	24
AR07-176037	2	20	3	1	2	9	11
AR07-176042	19	8	23	13	27	31	10
AR07-176067	15	5	7	22	25	32	7
AR07-176077	6	7	9	8	29	1	6
AR07-176090	1	11	16	10	10	5	1
AR07-176114	3	2	2	3	30	11	2
M00-400054	37	39	36	39	19	34	29
M02-328070	29	17	32	31	20	28	26
ORC 0702	26	25	37	32	35	15	24
ORC 0703	29	32	27	38	33	38	31
SD05-136	32	40	14	40	28	41	37
SD05-143	40	33	39	37	26	9	44
SD05-153	39	42	40	43	23	30	40
SD05-178	43	35	42	44	34	39	39
SD05-254	34	43	38	28	37	16	18
SD05-257	31	29	20	30	41	18	15
SD05-264	35	34	44	33	32	25	36
SD05-379	38	38	33	42	43	36	35
SD05-414	33	41	34	36	6	39	38
SD05-422	40	23	41	35	44	22	40
U05-220019	36	26	43	14	40	26	43
U05-223015	42	36	29	28	21	44	34
U05-224017	25	16	4	24	22	33	30

PRELIMINARY TEST I, 2008

YIELD RANK

Strain	Beemer NE	Cotesfield NE	Phillips NE	Palmyra ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	27	6	11	28	3	24
IA1022 (SCN)	21	25	20	2	15	4
Sheyenne (0)	44	43	44	35	1	33
A07-426006	41	34	30	33	2	32
A07-426007	11	15	10	18	38	23
A07-426008	1	35	15	10	29	3
A07-426011	18	18	23	8	33	14
A07-426016	8	30	21	21	19	11
A07-426027	14	12	22	32	16	9
A07-426028	12	5	6	30	25	7
A07-426038	10	13	4	25	42	1
A07-426040	5	8	18	27	4	13
A07-427009	5	14	8	20	34	9
A07-427012	20	23	12	11	10	44
A07-427027	7	6	9	24	22	8
A07-427028	19	11	7	9	26	5
A07-427030	3	10	3	13	24	22
A07-427035	32	31	31	19	28	14
AR06-164008	4	15	13	31	39	6
AR06-164016	23	9	15	1	35	28
AR06-164017	16	28	19	7	40	16
AR07-176037	12	1	2	5	23	20
AR07-176042	26	19	25	15	9	18
AR07-176067	15	3	14	23	41	2
AR07-176077	22	4	17	6	20	24
AR07-176090	2	2	1	14	6	17
AR07-176114	9	17	4	3	37	11
M00-400054	30	40	32	41	36	31
M02-328070	37	42	39	17	7	34
ORC 0702	17	22	27	26	17	29
ORC 0703	30	20	42	22	13	34
SD05-136	28	26	34	43	5	38
SD05-143	29	39	38	37	31	36
SD05-153	32	37	40	12	14	39
SD05-178	36	44	35	38	18	30
SD05-254	25	41	24	16	44	27
SD05-257	43	26	28	40	43	19
SD05-264	39	28	37	29	27	26
SD05-379	42	24	36	44	8	40
SD05-414	34	32	33	39	10	21
SD05-422	38	37	29	42	32	41
U05-220019	24	33	41	36	30	43
U05-223015	40	21	43	34	12	41
U05-224017	35	36	26	4	21	37

PRELIMINARY TEST I, 2008

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Curlew IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	9/14	9/8		9/3	9/6	9/18	9/17
IA1022 (SCN)	4.1	11		5	4	2	5
Sheyenne (O)	-5.2	-8		-5	-6	-3	-2
A07-426006	0.3	2		4	2	0	4
A07-426007	2.5	8		3	3	0	7
A07-426008	0.6	7		3	-1	0	4
A07-426011	1.8	4		3	7	1	5
A07-426016	1.3	7		4	6	2	5
A07-426027	1.1	8		5	-1	1	4
A07-426028	6.5	12		6	11	5	7
A07-426038	3.8	10		4	7	4	7
A07-426040	4.8	13		6	8	4	6
A07-427009	4.6	9		4	8	3	7
A07-427012	6.2	11		4	11	4	10
A07-427027	6.5	14		4	11	3	9
A07-427028	5.5	12		5	8	3	9
A07-427030	6.9	13		6	11	5	11
A07-427035	1.9	5		6	5	2	3
AR06-164008	6.4	12		7	8	5	10
AR06-164016	6.3	14		8	11	6	12
AR06-164017	4.5	8		7	10	5	7
AR07-176037	9.7	16		12	16	8	10
AR07-176042	5.0	13		7	6	4	7
AR07-176067	4.3	10		5	7	3	8
AR07-176077	7.6	14		7	11	5	12
AR07-176090	7.1	12		6	11	7	12
AR07-176114	7.3	15		7	13	5	12
M00-400054	2.7	6		2	1	1	7
M02-328070	-1.3	2		2	0	0	3
ORC 0702	2.0	3		3	6	1	5
ORC 0703	-1.6	-3		0	-3	0	3
SD05-136	-2.5	-6		1	-2	0	2
SD05-143	-1.7	-6		1	-2	0	2
SD05-153	-3.5	-7		1	-5	-2	2
SD05-178	-1.9	-5		0	-3	0	2
SD05-254	2.1	8		3	2	2	6
SD05-257	-1.1	-4		3	-6	1	4
SD05-264	-1.7	-1		3	-7	0	1
SD05-379	-2.1	-4		2	-7	0	2
SD05-414	-1.3	-5		4	-2	1	2
SD05-422	-0.7	3		1	-6	0	3
U05-220019	8.5	12		13	12	5	9
U05-223015	1.6	-4		11	-2	3	13
U05-224017	0.1	0		5	-2	0	2
Date Planted	5/19	5/12	5/19	5/22	5/23	5/21	5/12
Days to Mature	118	119		104	106	120	128

PRELIMINARY TEST I, 2008

MATURITY (date)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Palmyra ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	9/12	9/24		9/7	9/29	9/22
IA1022 (SCN)	5	3		7	6	-7
Sheyenne (O)	-10	-1		-2	-4	-11
A07-426006	-5	-4		3	1	-4
A07-426007	4	0		3	2	-5
A07-426008	-2	0		0	1	-6
A07-426011	-3	-2		6	-1	-2
A07-426016	-4	-2		5	-2	-8
A07-426027	0	0		1	-1	-6
A07-426028	6	2		6	10	0
A07-426038	-3	-1		10	-1	1
A07-426040	0	0		9	4	-2
A07-427009	2	-1		11	2	1
A07-427012	0	0		10	10	2
A07-427027	5	1		11	7	0
A07-427028	5	0		9	4	0
A07-427030	2	1		11	9	0
A07-427035	-2	-1		6	-2	-3
AR06-164008	5	3		9	4	1
AR06-164016	5	2		10	2	-7
AR06-164017	0	0		7	-1	2
AR07-176037	11	4		15	5	0
AR07-176042	1	2		9	3	-2
AR07-176067	3	0		6	0	1
AR07-176077	6	3		12	5	1
AR07-176090	5	3		11	10	-6
AR07-176114	3	4		12	7	-5
M00-400054	3	0		5	2	0
M02-328070	-7	-2		0	-2	-9
ORC 0702	-2	-1		5	2	-2
ORC 0703	-6	-2		3	0	-8
SD05-136	-8	-3		-1	-2	-6
SD05-143	-3	-3		0	0	-6
SD05-153	-11	-4		0	-2	-7
SD05-178	-7	-4		0	-2	0
SD05-254	-2	0		6	-2	-2
SD05-257	0	-2		-1	0	-6
SD05-264	-9	-3		0	-2	1
SD05-379	-5	-1		-2	-1	-5
SD05-414	-1	-1		0	-3	-8
SD05-422	1	-2		1	-2	-6
U05-220019	6	2		11	11	4
U05-223015	4	-2		0	1	-8
U05-224017	-3	-1		2	-2	0
Date Planted	5/15	6/10		5/26	5/10	5/12
Days to Mature	120	106		104	142	133

PRELIMINARY TEST I, 2008

LODGING (score)

Strain	Mean 11 Tests	Ames IA	Curlew IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	1.5	1.0	1.5	1.5	1.0	1.0	2.0
IA1022 (SCN)	1.7	1.0	1.5	1.0	1.0	2.0	2.5
Sheyenne (0)	1.3	1.0	1.5	1.3	1.0	1.0	2.0
A07-426006	1.2	1.0	1.5	1.0	1.0	1.0	2.0
A07-426007	1.7	1.0	1.5	1.5	1.0	1.5	2.5
A07-426008	2.0	1.5	1.0	2.5	1.0	2.0	3.5
A07-426011	1.5	1.0	1.5	1.5	1.0	1.5	2.0
A07-426016	1.5	1.0	1.5	1.3	1.0	1.0	2.0
A07-426027	1.3	1.0	1.0	1.3	1.0	1.0	2.0
A07-426028	1.5	1.0	1.5	1.0	1.0	1.0	2.0
A07-426038	1.5	1.0	1.0	1.3	1.5	1.0	2.0
A07-426040	1.3	1.0	1.5	1.0	1.0	1.0	2.0
A07-427009	1.7	1.5	1.5	1.3	1.0	1.0	2.0
A07-427012	1.7	1.0	1.5	1.0	1.5	2.0	2.0
A07-427027	1.4	1.0	1.5	1.0	1.0	1.0	2.0
A07-427028	1.5	1.0	1.0	1.0	1.0	1.5	2.0
A07-427030	2.0	1.5	1.5	2.0	1.0	1.5	3.0
A07-427035	1.6	1.0	1.5	1.0	1.5	1.0	2.0
AR06-164008	1.6	1.0	1.5	1.3	1.0	1.5	2.0
AR06-164016	1.7	1.0	1.5	1.0	1.5	1.5	2.0
AR06-164017	1.6	1.0	1.5	1.3	1.0	1.0	2.0
AR07-176037	1.4	1.0	1.5	1.0	1.0	1.5	2.0
AR07-176042	1.3	1.0	1.0	1.0	1.0	1.5	2.0
AR07-176067	1.4	1.0	1.5	1.0	1.0	1.0	2.0
AR07-176077	1.3	1.0	1.5	1.3	1.0	1.5	2.0
AR07-176090	1.5	1.0	1.5	1.0	1.0	1.5	2.0
AR07-176114	1.5	1.5	1.5	1.0	1.0	1.5	2.0
M00-400054	1.5	1.0	1.0	1.0	1.5	1.5	2.0
M02-328070	1.2	1.0	1.0	1.0	1.0	1.0	2.0
ORC 0702	1.3	1.0	1.0	1.0	1.0	1.0	2.0
ORC 0703	1.5	1.0	1.0	1.3	1.0	1.5	2.0
SD05-136	1.5	1.0	1.5	1.5	1.0	1.0	2.0
SD05-143	1.5	1.0	1.0	1.3	1.0	1.0	2.0
SD05-153	1.8	1.5	1.0	2.0	1.0	1.5	2.0
SD05-178	1.8	1.5	1.5	2.0	1.5	1.0	2.5
SD05-254	2.1	1.0	1.5	1.8	1.5	2.0	3.0
SD05-257	1.8	1.0	1.5	1.8	1.0	2.0	2.5
SD05-264	1.6	1.0	1.5	1.8	1.0	1.5	2.5
SD05-379	1.5	1.0	1.5	1.0	1.0	1.0	3.0
SD05-414	1.7	1.5	1.5	1.5	1.0	1.5	2.5
SD05-422	1.6	1.0	1.0	1.5	1.0	1.5	2.0
U05-220019	2.4	1.5	1.5	2.3	1.5	2.0	3.5
U05-223015	1.4	1.0	1.5	1.0	1.0	1.5	2.0
U05-224017	1.8	1.0	1.5	1.8	1.0	2.0	2.5

PRELIMINARY TEST I, 2008

LODGING (score)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Palmyra ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)		1.5	1.0	1.0	4.5	1.0
IA1022 (SCN)		1.0	1.0	1.0	4.5	2.0
Sheyenne (0)		1.5	1.0	1.0	2.5	1.0
A07-426006		1.0	1.0	1.0	1.5	1.0
A07-426007		2.0	1.0	1.0	4.5	1.0
A07-426008		2.0	1.0	1.0	4.5	2.0
A07-426011		1.5	1.0	1.0	4.0	1.0
A07-426016		2.0	1.0	1.0	3.5	1.0
A07-426027		1.0	1.0	1.0	2.5	1.0
A07-426028		2.0	1.0	1.0	3.5	1.0
A07-426038		1.5	1.0	1.0	4.5	1.0
A07-426040		1.0	1.0	1.0	2.5	1.0
A07-427009		1.5	1.0	1.0	5.0	2.0
A07-427012		1.5	1.0	1.0	5.0	1.0
A07-427027		1.0	1.0	1.0	3.5	1.0
A07-427028		1.5	1.0	1.0	3.0	2.0
A07-427030		2.5	1.0	1.0	5.0	2.0
A07-427035		2.5	1.0	1.0	4.5	1.0
AR06-164008		2.0	1.0	1.0	4.5	1.0
AR06-164016		2.0	1.0	1.0	5.0	1.0
AR06-164017		1.5	1.0	1.0	5.0	1.0
AR07-176037		1.0	1.0	1.0	3.5	1.0
AR07-176042		1.0	1.0	1.0	3.0	1.0
AR07-176067		1.0	1.0	1.0	4.0	1.0
AR07-176077		1.0	1.0	1.0	2.0	1.0
AR07-176090		1.0	1.0	1.0	3.0	2.0
AR07-176114		1.0	1.0	1.0	4.0	1.0
M00-400054		1.5	1.0	1.0	3.5	1.0
M02-328070		1.5	1.0	1.0	2.0	1.0
ORC 0702		1.0	1.0	1.0	2.0	2.0
ORC 0703		2.0	1.0	1.0	4.0	1.0
SD05-136		2.0	1.0	1.0	4.0	1.0
SD05-143		1.5	1.0	1.0	5.0	1.0
SD05-153		2.5	1.0	1.0	4.5	2.0
SD05-178		2.0	1.0	1.0	5.0	1.0
SD05-254		2.0	1.0	1.0	5.0	3.0
SD05-257		1.5	1.0	1.0	4.5	2.0
SD05-264		1.5	1.0	1.0	3.5	1.0
SD05-379		1.0	1.0	1.0	4.5	1.0
SD05-414		1.5	1.0	1.0	4.0	2.0
SD05-422		1.5	1.0	1.0	5.0	1.0
U05-220019		3.0	2.5	1.0	5.0	3.0
U05-223015		1.5	1.0	1.0	3.0	1.0
U05-224017		2.5	1.0	1.0	4.0	1.0

PRELIMINARY TEST I, 2008

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Curlew IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	33	25	33	32	30		40
IA1022 (SCN)	31	27	26	29	30		33
Sheyenne (0)	28	15	26	26	26		30
A07-426006	30	27	26	29	27		34
A07-426007	29	22	26	30	26		33
A07-426008	29	24	24	29	28		34
A07-426011	32	25	29	31	25		35
A07-426016	32	27	27	32	28		36
A07-426027	29	25	23	29	26		36
A07-426028	30	26	24	31	27		35
A07-426038	30	26	26	30	26		34
A07-426040	32	28	32	32	27		36
A07-427009	34	28	33	33	26		38
A07-427012	36	30	33	35	30		40
A07-427027	31	28	27	32	28		35
A07-427028	35	28	29	37	35		39
A07-427030	35	30	37	35	26		39
A07-427035	29	20	25	27	30		34
AR06-164008	29	24	26	29	25		33
AR06-164016	32	27	28	31	27		36
AR06-164017	29	23	26	29	22		35
AR07-176037	30	26	28	30	28		31
AR07-176042	32	28	27	31	29		36
AR07-176067	30	25	28	29	26		37
AR07-176077	33	33	29	34	27		35
AR07-176090	31	27	27	33	27		35
AR07-176114	32	28	34	31	25		37
M00-400054	31	26	22	30	28		35
M02-328070	28	25	24	28	26		33
ORC 0702	30	25	24	30	27		34
ORC 0703	31	25	29	29	27		33
SD05-136	30	22	30	29	26		32
SD05-143	28	19	26	27	27		30
SD05-153	30	20	25	29	27		32
SD05-178	31	22	24	28	30		34
SD05-254	30	25	21	30	25		34
SD05-257	30	22	26	31	27		34
SD05-264	29	25	20	30	25		33
SD05-379	28	20	25	27	26		32
SD05-414	29	21	26	28	23		33
SD05-422	29	25	24	28	26		30
U05-220019	36	30	32	36	28		35
U05-223015	32	20	30	30	31		34
U05-224017	34	25	33	34	27		36

PRELIMINARY TEST I, 2008

PLANT HEIGHT (inches)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Palmyra ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	34			24	46	36
IA1022 (SCN)	28			28	44	36
Sheyenne (0)	31			24	40	34
A07-426006	29			24	38	35
A07-426007	30			24	37	33
A07-426008	30			24	39	32
A07-426011	33			30	43	41
A07-426016	31			28	43	35
A07-426027	31			22	38	35
A07-426028	29			25	40	37
A07-426038	31			23	37	36
A07-426040	31			23	41	36
A07-427009	33			28	46	38
A07-427012	35			32	52	41
A07-427027	32			22	43	33
A07-427028	37			26	42	41
A07-427030	35			28	45	38
A07-427035	27			23	34	37
AR06-164008	31			24	38	34
AR06-164016	33			28	40	38
AR06-164017	29			27	39	35
AR07-176037	27			28	39	34
AR07-176042	31			26	44	36
AR07-176067	30			23	37	35
AR07-176077	33			28	41	35
AR07-176090	30			25	40	38
AR07-176114	29			27	43	36
M00-400054	29			26	44	40
M02-328070	28			24	36	32
ORC 0702	30			24	39	34
ORC 0703	31			28	43	35
SD05-136	32			23	39	37
SD05-143	27			23	44	33
SD05-153	30			23	47	36
SD05-178	30			25	47	39
SD05-254	31			22	41	36
SD05-257	28			21	44	34
SD05-264	31			24	42	34
SD05-379	29			18	40	35
SD05-414	29			23	43	36
SD05-422	29			22	45	36
U05-220019	40			23	50	46
U05-223015	28			29	46	39
U05-224017	33			28	51	42

PRELIMINARY TEST I, 2008

SEED SIZE (g/100)

Strain	Mean 12 Tests	Ames IA	Curlew IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	16.5	14.9	16.0	15.7	14.1	15.9	18.8
IA1022 (SCN)	15.2	14.3	13.0	14.5	13.9	13.4	16.0
Sheyenne (0)	15.9	15.5	14.6	15.5	13.0	14.2	15.9
A07-426006	16.0	14.2	15.8	16.8	14.5	13.5	16.5
A07-426007	13.8	13.1	13.3	13.8	12.6	12.5	14.3
A07-426008	14.3	13.7	13.0	14.2	12.2	13.0	14.5
A07-426011	15.3	14.4	15.2	15.8	15.0	14.3	15.9
A07-426016	15.5	15.2	15.1	15.7	14.5	13.8	16.9
A07-426027	16.0	16.3	15.0	16.3	12.9	14.4	16.3
A07-426028	16.5	16.3	15.2	16.5	15.2	15.4	17.2
A07-426038	16.4	15.4	15.6	16.9	15.4	15.7	18.5
A07-426040	16.4	15.4	16.0	16.5	16.5	14.8	17.6
A07-427009	16.1	14.2	16.4	16.4	14.6	14.0	15.7
A07-427012	15.0	13.9	15.1	15.3	15.2	13.7	16.4
A07-427027	15.5	15.1	14.9	15.1	15.8	13.8	16.4
A07-427028	14.7	14.8	13.7	15.2	14.9	13.9	14.7
A07-427030	13.6	13.4	13.3	13.5	14.3	12.0	14.5
A07-427035	16.5	16.0	16.0	16.3	15.3	15.4	15.5
AR06-164008	15.2	15.6	14.8	14.6	14.1	14.0	16.1
AR06-164016	17.6	16.8	17.5	17.7	17.9	16.9	16.8
AR06-164017	16.6	15.3	16.1	17.8	16.7	14.9	16.6
AR07-176037	15.7	14.9	16.1	15.7	16.9	14.4	15.6
AR07-176042	15.0	13.6	14.2	14.3	13.9	13.6	14.6
AR07-176067	16.6	16.4	16.6	16.6	15.0	15.7	17.3
AR07-176077	17.1	16.4	16.6	17.3	16.4	15.3	18.6
AR07-176090	14.8	14.9	14.1	13.7	14.5	13.0	16.1
AR07-176114	17.1	15.5	16.9	18.3	17.3	15.5	17.1
M00-400054	14.2	11.5	12.6	13.6	13.5	13.4	14.8
M02-328070	15.8	15.2	14.7	15.8	14.4	14.8	16.5
ORC 0702	16.7	14.1	15.5	17.5	15.1	15.6	17.3
ORC 0703	16.9	15.5	16.5	18.0	13.5	14.6	17.5
SD05-136	16.8	14.4	16.2	16.1	14.5	14.4	16.6
SD05-143	15.2	12.9	13.7	14.6	13.1	14.0	15.3
SD05-153	16.9	13.8	15.2	15.3	15.1	15.2	17.2
SD05-178	17.3	15.2	16.1	15.4	15.0	15.8	16.7
SD05-254	14.4	12.5	13.5	14.3	13.1	13.5	14.7
SD05-257	16.3	13.9	15.8	15.9	13.2	15.8	17.2
SD05-264	16.3	14.9	14.5	16.9	13.8	14.7	16.3
SD05-379	17.4	15.8	16.8	16.5	13.8	15.4	17.9
SD05-414	18.5	15.6	16.7	18.8	16.7	17.9	18.5
SD05-422	17.0	16.5	15.4	15.5	13.5	14.5	17.7
U05-220019	14.9	13.5	13.3	15.3	14.8	13.4	15.4
U05-223015	16.2	14.1	15.1	16.4	14.0	14.9	16.3
U05-224017	16.9	16.7	16.2	18.5	15.5	15.2	15.8

PRELIMINARY TEST I, 2008

SEED SIZE (g/100)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Palmyra ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	13.5	19.8	19.3	14.7	20.0	15.0
IA1022 (SCN)	13.7	17.6	17.1	16.9	18.2	13.5
Sheyenne (0)	15.0	20.3	18.0	13.3	20.1	15.8
A07-426006	13.6	18.1	18.9	15.9	20.7	13.9
A07-426007	11.9	16.4	15.6	13.3	17.2	11.9
A07-426008	12.6	17.8	16.9	14.0	17.4	12.1
A07-426011	13.1	16.9	16.2	14.6	18.1	14.2
A07-426016	13.4	16.4	15.9	16.0	19.7	13.0
A07-426027	15.3	18.6	18.4	15.5	18.9	14.4
A07-426028	14.5	18.6	18.8	15.7	20.1	14.2
A07-426038	14.1	17.7	18.5	16.5	18.8	13.9
A07-426040	14.2	17.8	17.4	16.3	20.1	14.7
A07-427009	13.9	18.2	19.1	17.6	18.9	13.9
A07-427012	11.7	16.9	15.8	16.8	17.1	12.6
A07-427027	13.3	17.2	16.9	15.6	17.6	13.9
A07-427028	12.6	15.7	16.3	15.7	16.3	12.5
A07-427030	11.0	15.8	14.7	14.5	14.9	11.5
A07-427035	14.1	18.4	18.6	17.3	19.9	14.6
AR06-164008	12.6	17.1	17.3	15.3	17.9	13.5
AR06-164016	15.4	21.0	18.6	17.8	19.0	15.8
AR06-164017	14.2	18.7	18.7	16.4	20.2	14.2
AR07-176037	12.7	18.6	17.5	16.6	17.1	12.4
AR07-176042	12.6	17.0	16.5	16.7	19.5	13.1
AR07-176067	15.1	18.8	19.5	15.9	18.7	13.9
AR07-176077	15.4	19.1	19.4	16.8	18.9	14.6
AR07-176090	12.5	13.5	16.6	16.2	19.0	13.8
AR07-176114	14.7	19.8	18.6	18.0	18.7	15.5
M00-400054	12.8	17.1	16.9	13.7	17.0	13.0
M02-328070	13.5	17.9	17.9	14.6	21.3	13.5
ORC 0702	15.7	18.3	19.4	16.9	20.6	14.8
ORC 0703	15.2	18.2	18.8	16.3	23.3	15.3
SD05-136	14.9	19.5	20.1	16.3	22.1	16.7
SD05-143	13.5	17.9	18.3	15.2	20.3	14.2
SD05-153	14.4	18.9	21.3	16.0	24.6	15.7
SD05-178	15.2	18.7	21.8	17.2	23.4	17.4
SD05-254	12.5	16.7	17.2	14.5	17.6	12.5
SD05-257	14.8	18.1	19.2	16.8	20.5	14.7
SD05-264	14.1	18.8	19.3	16.8	20.6	15.1
SD05-379	15.3	21.5	22.2	16.2	22.0	15.9
SD05-414	14.6	20.7	21.2	18.5	24.1	18.1
SD05-422	17.4	23.3	22.6	15.2	18.8	13.1
U05-220019	13.4	17.4	16.4	15.4	15.9	14.3
U05-223015	14.4	18.2	18.8	16.8	19.9	15.3
U05-224017	14.4	18.5	18.3	18.4	20.5	15.2

PRELIMINARY TEST I, 2008

SEED QUALITY (score)

Strain	Mean 6 Tests	Ames IA	Curlew IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	1.7			1.0		1.5	2.0
IA1022 (SCN)	1.8			1.0		1.0	1.0
Sheyenne (0)	1.7			2.0		1.0	2.5
A07-426006	1.5			1.5		1.5	1.5
A07-426007	1.7			1.0		1.0	1.0
A07-426008	1.6			1.0		1.0	1.0
A07-426011	1.7			1.0		1.0	1.0
A07-426016	1.5			1.0		1.0	1.5
A07-426027	1.5			1.0		1.5	1.5
A07-426028	1.5			1.0		1.0	2.0
A07-426038	2.0			1.5		1.0	1.5
A07-426040	1.4			1.0		1.0	1.5
A07-427009	1.9			1.0		1.0	2.0
A07-427012	1.4			1.0		1.0	1.5
A07-427027	1.5			1.0		1.0	2.0
A07-427028	2.1			1.5		1.0	2.5
A07-427030	1.4			1.0		1.0	1.5
A07-427035	1.6			1.5		2.0	1.5
AR06-164008	1.8			1.0		1.5	2.0
AR06-164016	2.4			1.5		1.5	2.0
AR06-164017	2.0			1.0		1.0	1.5
AR07-176037	1.3			1.0		1.0	1.0
AR07-176042	1.3			1.0		1.0	1.0
AR07-176067	1.6			1.0		1.0	1.0
AR07-176077	1.3			1.0		1.5	1.0
AR07-176090	1.3			1.0		1.5	1.5
AR07-176114	1.6			1.0		1.0	2.5
M00-400054	1.8			1.0		1.0	2.0
M02-328070	1.7			1.0		2.0	2.0
ORC 0702	1.6			1.0		1.0	1.5
ORC 0703	1.7			1.0		1.0	3.0
SD05-136	1.6			1.5		1.0	2.0
SD05-143	2.2			1.0		1.5	2.5
SD05-153	2.1			1.5		1.5	3.0
SD05-178	1.6			1.5		1.0	2.0
SD05-254	1.9			1.0		1.0	1.5
SD05-257	1.7			1.0		1.0	1.5
SD05-264	1.7			1.0		1.5	1.0
SD05-379	1.8			1.0		1.0	2.0
SD05-414	1.5			1.0		1.0	1.5
SD05-422	1.7			1.0		1.0	1.0
U05-220019	1.9			1.0		1.0	1.5
U05-223015	2.8			2.0		1.5	2.0
U05-224017	2.0			1.0		2.5	2.0

PRELIMINARY TEST I, 2008

SEED QUALITY (score)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Palmyra ONT	St. Hyacinthe Que.	Aurora SD
MN1410 (I)				1.0	3.0	2.0
IA1022 (SCN)				2.6	3.0	2.0
Sheyenne (0)				1.9	1.0	2.0
A07-426006				1.7	1.0	2.0
A07-426007				1.5	4.0	2.0
A07-426008				1.7	3.0	2.0
A07-426011				2.0	3.0	2.0
A07-426016				2.2	1.0	2.0
A07-426027				1.7	1.0	2.0
A07-426028				2.2	1.0	2.0
A07-426038				2.9	3.0	2.0
A07-426040				1.9	1.0	2.0
A07-427009				2.5	3.0	2.0
A07-427012				1.9	1.0	2.0
A07-427027				2.2	1.0	2.0
A07-427028				2.6	3.0	2.0
A07-427030				1.9	1.0	2.0
A07-427035				1.5	1.0	2.0
AR06-164008				1.6	3.0	2.0
AR06-164016				2.5	4.0	3.0
AR06-164017				2.2	4.0	2.0
AR07-176037				1.6	1.0	2.0
AR07-176042				1.6	1.0	2.0
AR07-176067				1.8	3.0	2.0
AR07-176077				1.1	1.0	2.0
AR07-176090				1.1	1.0	2.0
AR07-176114				2.1	1.0	2.0
M00-400054				2.0	3.0	2.0
M02-328070				1.9	1.0	2.0
ORC 0702				1.8	1.0	3.0
ORC 0703				2.3	1.0	2.0
SD05-136				2.2	1.0	2.0
SD05-143				2.4	4.0	2.0
SD05-153				1.7	3.0	2.0
SD05-178				2.2	1.0	2.0
SD05-254				2.0	4.0	2.0
SD05-257				1.6	3.0	2.0
SD05-264				1.5	3.0	2.0
SD05-379				1.8	3.0	2.0
SD05-414				2.4	1.0	2.0
SD05-422				2.3	3.0	2.0
U05-220019				1.1	5.0	2.0
U05-223015				2.1	5.0	4.0
U05-224017				2.4	1.0	3.0

PRELIMINARY TEST I, 2008

PROTEIN (%)

Strain	Mean 7 Tests	Curlew IA	Lafayette IN	Lamberton MN	Waseca MN	Ingham County MI	Palmyra ONT	St. Hyacinthe Que.
MN1410 (I)	35.3	35.1	34.5	35.5	34.2	35.6	36.9	35.5
IA1022 (SCN)	33.5	34.7	32.1	31.9	32.9	34.4	34.4	33.9
Sheyenne (O)	34.5	34.5	34.2	34.2	33.3	34.5	35.6	35.0
A07-426006	36.2	36.2	34.8	35.1	35.8	37.0	38.4	36.4
A07-426007	34.9	34.9	34.1	35.1	31.8	35.9	36.9	35.8
A07-426008	34.8	34.8	33.0	34.4	33.1	35.4	36.6	36.1
A07-426011	34.9	36.2	33.9	34.6	32.5	35.3	36.5	35.5
A07-426016	35.5	36.2	33.9	34.8	34.5	36.1	36.9	35.7
A07-426027	34.3	34.8	33.5	33.3	32.4	34.7	36.5	34.6
A07-426028	35.0	35.5	34.3	34.1	33.6	35.3	36.4	35.8
A07-426038	35.3	35.3	33.8	34.6	34.7	36.2	37.1	35.4
A07-426040	35.0	34.7	33.5	35.3	33.6	35.3	37.1	35.4
A07-427009	35.2	34.7	34.2	35.2	32.8	37.3	36.4	35.7
A07-427012	35.5	36.4	34.3	35.1	34.5	34.4	37.2	36.3
A07-427027	34.5	34.3	33.2	34.1	32.6	36.0	36.4	35.2
A07-427028	35.3	34.7	34.6	34.4	34.0	36.2	38.2	35.0
A07-427030	35.0	35.2	33.7	33.9	34.7	34.9	37.4	34.9
A07-427035	35.5	35.2	34.8	36.0	33.7	36.3	37.4	35.1
AR06-164008	35.2	35.7	34.4	35.0	33.8	35.1	36.8	35.4
AR06-164016	34.6	34.9	34.8	33.5	32.4	34.7	36.5	35.2
AR06-164017	35.7	35.2	34.9	36.0	32.8	36.1	38.8	35.7
AR07-176037	35.2	36.3	34.6	34.2	34.1	34.9	36.5	35.9
AR07-176042	35.8	35.6	34.4	35.2	34.6	37.1	37.1	36.4
AR07-176067	35.3	35.0	34.7	35.0	34.6	35.6	36.6	35.9
AR07-176077	35.0	35.0	35.0	34.6	33.5	34.5	36.3	36.1
AR07-176090	35.5	35.9	34.9	34.8	33.3	36.4	36.5	36.5
AR07-176114	34.2	33.9	34.7	33.8	32.8	33.8	36.0	ns
M00-400054	35.1	35.2	34.6	34.5	34.3	36.0	36.1	ns
M02-328070	34.9	34.8	34.5	33.9	33.9	35.8	36.6	34.8
ORC 0702	34.6	35.5	34.0	33.9	32.9	35.5	35.8	34.9
ORC 0703	36.0	35.9	35.2	35.4	33.7	36.8	38.6	36.0
SD05-136	35.0	34.6	33.9	34.7	31.9	35.8	37.8	36.0
SD05-143	34.9	35.6	33.7	34.3	33.6	35.4	36.4	35.5
SD05-153	34.7	35.5	33.4	33.3	32.4	36.1	36.5	35.9
SD05-178	35.3	35.7	34.3	35.2	33.6	35.8	36.5	35.8
SD05-254	34.1	35.3	32.4	33.7	31.2	34.7	36.5	35.1
SD05-257	34.9	35.0	33.4	34.3	32.7	36.5	36.8	35.5
SD05-264	34.1	36.0	33.2	33.2	31.9	34.9	35.6	ns
SD05-379	35.2	35.9	34.0	35.2	32.7	37.0	37.1	34.9
SD05-414	34.9	35.9	34.7	34.1	32.3	35.3	36.5	35.6
SD05-422	33.9	34.2	33.1	33.3	30.1	36.1	35.8	34.8
U05-220019	34.2	34.4	33.3	32.7	31.3	36.1	37.1	34.5
U05-223015	35.7	36.2	34.8	35.3	32.3	37.0	38.5	35.5
U05-224017	35.6	35.5	35.0	34.8	34.1	36.3	37.9	35.8

* Protein and Oil values converted to 13% moisture basis.

no samples

PRELIMINARY TEST I, 2008

OIL (%)

Strain	Mean 7 Tests	Curlew IA	Lafayette IN	Lamberton MN	Waseca MN	Ingham County MI	Palmyra ONT	St. Hyacinthe Que.
MN1410 (I)	18.4	18.5	19.0	18.0	17.6	18.6	18.6	18.6
IA1022 (SCN)	19.6	18.9	19.9	20.1	19.7	19.2	20.1	19.0
Shenandoah (O)	18.7	18.2	18.6	19.1	19.3	18.8	18.6	18.2
A07-426006	18.0	18.0	17.7	18.0	18.5	17.8	17.7	18.0
A07-426007	18.2	17.6	18.3	18.5	18.5	18.4	17.7	18.6
A07-426008	18.6	17.4	19.0	19.5	18.2	18.6	18.5	19.0
A07-426011	18.2	18.4	18.3	18.3	18.7	18.6	18.4	16.6
A07-426016	18.3	18.5	18.3	18.4	17.9	18.6	18.3	18.2
A07-426027	18.0	17.3	18.2	18.7	18.2	18.3	18.2	17.4
A07-426028	17.9	18.6	17.7	18.2	17.6	17.7	18.4	17.5
A07-426038	17.9	17.7	17.9	18.3	17.8	18.2	17.6	17.5
A07-426040	18.5	18.3	19.4	18.2	19.3	18.1	18.6	17.3
A07-427009	17.9	17.5	18.0	17.9	19.3	16.6	17.9	17.9
A07-427012	18.1	18.3	18.2	18.4	17.8	18.6	17.3	18.2
A07-427027	18.6	18.3	18.2	18.7	19.3	19.3	18.0	18.4
A07-427028	18.0	18.1	17.7	18.4	17.8	18.4	17.5	18.1
A07-427030	18.1	17.7	18.2	18.1	19.4	18.6	17.7	17.3
A07-427035	18.4	18.1	18.2	19.2	18.6	18.3	18.4	17.8
AR06-164008	17.8	17.2	18.1	17.5	17.6	17.9	18.8	17.4
AR06-164016	18.4	18.3	18.7	18.6	18.7	18.1	18.6	17.5
AR06-164017	17.5	16.8	18.4	18.9	17.8	17.0	17.0	16.3
AR07-176037	18.1	17.9	18.6	18.2	18.3	17.8	18.4	17.6
AR07-176042	18.3	17.9	18.5	19.0	18.6	17.4	18.7	18.1
AR07-176067	17.9	17.6	18.0	18.5	17.5	17.9	18.5	17.2
AR07-176077	18.1	17.4	18.3	19.0	18.1	18.1	18.7	17.3
AR07-176090	18.0	18.1	18.0	17.2	18.3	19.0	18.4	16.7
AR07-176114	18.7	18.2	18.0	19.3	18.8	19.0	19.1	ns
M00-400054	18.6	17.5	18.3	18.9	19.1	18.4	19.3	ns
M02-328070	18.4	17.4	18.7	18.8	19.0	18.1	19.2	17.7
ORC 0702	18.6	18.7	18.1	19.2	19.1	18.3	19.1	17.7
ORC 0703	17.9	17.7	18.2	18.6	18.8	17.6	17.3	17.2
SD05-136	19.3	18.7	19.6	19.4	20.4	19.0	18.9	18.8
SD05-143	19.5	19.2	20.0	19.7	20.1	19.4	19.7	18.5
SD05-153	19.0	18.3	19.2	19.7	19.9	18.2	19.4	18.5
SD05-178	19.5	18.4	20.1	20.0	20.5	18.8	20.0	18.9
SD05-254	18.7	17.5	19.5	19.3	19.4	18.8	18.6	17.9
SD05-257	18.7	18.0	19.0	19.8	19.2	18.0	18.5	18.5
SD05-264	19.0	17.6	18.9	19.4	19.8	18.9	19.2	ns
SD05-379	18.5	17.4	19.4	19.5	19.3	17.6	18.4	17.7
SD05-414	18.9	18.0	18.4	20.0	19.6	19.0	19.3	18.0
SD05-422	19.0	18.2	19.1	19.7	20.3	17.9	18.9	19.0
U05-220019	18.0	17.3	18.6	18.4	19.3	17.6	17.7	17.3
U05-223015	17.7	16.9	18.7	18.1	18.7	16.8	17.3	17.5
U05-224017	17.6	16.6	18.4	17.5	17.7	17.8	17.8	17.0

Uniform Test II, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	IA2094 (II)	AgriPro X0121B74 x A00-711036	Fehr	06 UTII	F4	
2.	IA1022 (SCN)	Dairyland 98822 x A00-711024	Fehr	07 UTI	F5	SCN
3.	IA3024	A97-553017 x Pioneer YB33A99	Fehr	1		1% linolenic
4.	A06-711002	Dairyland 99345-31 x A02-236010	Fehr	PTI	F4	
5.	A06-711028	Pioneer 91M10 x Syngneta S18-N5	Fehr	PTI	F4	
6.	A06-711039	Pioneer 91M10 x Dairyland 99622	Fehr	PTIIA	F4	
7.	A06-711043	Pioneer 91M10 x Dairyland 99622	Fehr	PTI	F4	
8.	A06-712002	Dairyland 99345-31 x A02-236010	Fehr	PTI	F4	
9.	A06-712007	Dairyland 99630 x A02-237015	Fehr	PTI	F4	
10.	A06-712036	Pioneer 91M10 x AgriPro 2918	Fehr	PTIIA	F4	
11.	A06-712039	Dairyland 99540 x Pioneer 92M10	Fehr	PTI	F4	
12.	A06-712040	IA2068 x Pioneer 91M10	Fehr	PTI	F4	SCN
13.	A06-812001	A02-338043 x Dairyland 99622	Fehr	PTIIA	F4	
14.	A06-812013	Dairyland 99659 x A02-136031	Fehr	PTIIA	F4	
15.	A06-812022	Dairyland 99669 x A02-237015	Fehr	PTIIA	F4	
16.	A06-912008	IA3027 x Syngenta S18-N5	Fehr	PTIIA	F4	SCN
17.	AR05-150079	Pana x AGP02-1	Cianzio	PTI	F4	SDS
18.	AR06-164010	Ag03-1 x Ag02-6	Cianzio	PTI	F4	BSR
19.	E05053	A98-781041 x U97-207134	Wang	PTIIA	F5	PR Race 4-7 resistant
20.	HS5-3404	IA 3023 x HS99-4045	St. Martin	PTIIB	F5	
21.	HS5-3417	IA 3023 x HS99-4045	St. Martin	PTIIB	F5	
22.	LD03-10504	LN97-26569 x A98-781041	Diers	1	F5	SCN
23.	LD04- 8782	Northrup King S32-Z3 x Dwight	Diers	07 SCN PII	F5	SCN
24.	LD05-16657	Dwight(3) x (Dowling x Loda)	Diers	PTIIIA	BC3F2	SCN, aphid Rag1
25.	SD02-22	A2242 X IA2022	Scott	2	F4	
26.	SD02-96	A96-691030 X A96-591076	Scott	2	F4	
27.	SD04CV-485	SD96-77 x A97-770051	Scott	PTIIB	F4	
28.	U03-260216	U99-009019 x UP1Fe(S1)C7-150	Graef	1	F5	
29.	U03-300134	NE3202 x P92B12	Graef	1	F5	SCN?, Rps1-k

UNIFORM TEST II, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Chlorosis</u>			<u>Shattering</u>	<u>Green Stem</u>
		Humboldt IA	Score Lake Lillian MN	Wilkin County MN	Score Manhattan KS	Score Harow Ont.
IA2094 (II)	PTTSYYI	3.9	4.4	2.3	1.0	1.0
IA1022 (SCN)	PGTIYYI	3.4	3.9	2.6	1.0	1.0
IA3024	PGTDYIbI	3.1	4.1	3.1	1.0	1.0
A06-711002	WGBDYYI	3.6	4.4	1.9	1.0	1.0
A06-711028	PGTDYYI	3.5	3.5	2.8	1.0	1.0
A06-711039	PGTDYYI	3.6	3.5	2.5	1.0	1.0
A06-711043	PGTDYYI	3.0	4.1	1.6	1.0	1.0
A06-712002	WGBDYYI	3.6	3.4	1.9	1.0	1.0
A06-712007	WGBDYYI	3.8	4.5	2.5	1.0	1.0
A06-712036	PLtT+GT+BDYYI	3.6	4.3	2.1	1.0	1.0
A06-712039	PGBDYYI	3.8	3.9	2.1	1.0	1.0
A06-712040	PGBDYYI	3.4	4.3	1.9	1.0	1.0
A06-812001	PGBDYYI	3.3	3.6	2.1	1.0	1.0
A06-812013	PLtTBDYYI	3.4	4.5	1.9	1.0	1.0
A06-812022	WGTDYYI	3.9	4.0	3.4	1.0	1.0
A06-912008	WGTDYYI	3.1	3.5	2.6	1.0	1.0
AR05-150079	PG+LtTTDYBr+Bf	3.9	4.0	2.8	1.0	1.0
AR06-164010	PLtTBDYBII	3.5	4.4	2.5	1.0	1.0
E05053	PTTDYBII	3.4	4.1	3.1	1.0	1.0
HS5-3404	WLtTTDYBII	4.0	3.9	3.4	1.0	1.0
HS5-3417	P+WLtTDYBII	3.8	2.9	3.0	1.0	1.0
LD03-10504	WTBDYBII	3.6	3.1	3.1	1.0	1.0
LD04- 8782	WLtTTDYBII	3.8	4.1	2.5	1.0	1.0
LD05-16657	PTTDYBII	3.4	3.4	3.0	1.0	1.0
SD02-22	WLtTTDYBII	4.0	3.9	2.9	1.0	1.0
SD02-96	PTBDYBII	3.6	4.1	2.1	1.0	1.0
SD04CV-485	P+WTBDYBII	3.5	3.9	1.4	1.0	1.0
U03-260216	PLtTBDYBII	3.5	3.4	2.9	1.0	1.0
U03-300134	PLtTBDYBII	3.8	3.4	2.1	1.0	1.0

UNIFORM TEST II, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	PR Lafayette		FE	SDS
	Race 4	Race 7	Laf. a rx.	DX Havana IL
IA2094 (II)	S	S	S	3
IA1022 (SCN)	S	S	S	33
IA3024	R*	R*	S	48
A06-711002	S	S	S	6
A06-711028	S	S	S	31
A06-711039	S	S	S	23
A06-711043	S	S	S	26
A06-712002	S	S	S	5
A06-712007	S	S	S	10
A06-712036	S	S	S	29
A06-712039	S	S	S	31
A06-712040	S	S	S	37
A06-812001	S	S	S	31
A06-812013	S	S	S	12
A06-812022	S	S	S	31
A06-912008	S	S	S	36
AR05-150079	S	S	S	20
AR06-164010	S	S	-	15
E05053	R	R	S	17
HS5-3404	R*	R*	S	24
HS5-3417	R*	R*	S	25
LD03-10504	R*	R*	S	6
LD04- 8782	S	S	S	6
LD05-16657	S	S	S	.
SD02-22	R*	R*	S	12
SD02-96	S	S	S	8
SD04CV-485	S	S	S	27
U03-260216	S	S	S	26
U03-300134	H*	H*	S	23

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST II, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	17 bu/a	17 No.	15 Date	16 Score	15 In.	17 g/100	11 Score	Protein 10 %	Oil 10 %
IA2094 (II)	57.9	2	9/19	1.5	30	14.7	1.4	34.8	18.6
IA1022 (SCN)	53.1	23	-5.0	1.4	28	14.5	1.4	32.8	19.9
IA3024	58.4	1	6.3	1.3	30	15.0	1.5	32.4	19.0
A06-711002	54.9	14	-2.6	1.3	30	12.6	1.5	33.7	18.2
A06-711028	53.9	20	-1.0	1.3	29	17.2	1.5	34.8	18.7
A06-711039	56.2	9	0.6	1.4	30	15.3	1.4	34.4	18.5
A06-711043	51.9	26	-1.7	1.2	29	13.8	1.5	34.9	18.3
A06-712002	55.0	13	-2.0	1.5	30	12.1	1.7	34.0	18.2
A06-712007	56.2	9	-2.9	1.4	29	13.7	1.5	34.5	18.2
A06-712036	53.2	22	-0.8	1.4	32	13.8	1.6	34.4	18.8
A06-712039	54.1	19	-1.1	1.3	29	14.5	1.3	34.7	18.5
A06-712040	55.1	12	-3.1	1.2	28	13.1	1.7	34.0	18.8
A06-812001	56.7	5	1.7	1.4	31	15.7	1.6	34.6	18.5
A06-812013	55.6	11	1.1	1.3	30	13.6	1.6	34.1	18.3
A06-812022	57.0	4	4.5	1.3	29	14.8	1.7	34.4	18.8
A06-912008	54.7	16	5.6	1.3	31	16.4	1.5	35.4	18.0
AR05-150079	50.8	29	-2.9	1.3	27	13.6	1.5	33.4	19.0
AR06-164010	56.7	5	-1.5	1.2	28	15.7	1.5	34.9	18.0
E05053	56.3	7	7.0	1.5	31	13.6	1.5	34.4	18.3
HS5-3404	52.8	24	2.7	1.3	30	15.0	1.3	34.8	18.0
HS5-3417	54.2	17	4.1	1.4	30	15.2	1.3	34.5	18.1
LD03-10504	52.8	24	3.3	1.4	29	13.1	1.3	34.4	18.7
LD04- 8782	54.2	17	3.4	1.3	27	13.3	1.3	33.7	18.2
LD05-16657	53.9	20	5.2	1.4	29	14.1	1.4	33.5	18.4
SD02-22	51.0	28	-4.8	1.2	29	12.9	1.6	33.8	17.9
SD02-96	51.9	26	-5.1	1.2	28	14.4	1.7	34.8	18.8
SD04CV-485	54.9	14	-1.4	1.2	28	15.1	1.8	33.9	19.3
U03-260216	57.1	3	1.0	1.4	31	12.6	1.9	33.5	18.7
U03-300134	56.3	7	1.8	1.2	30	11.7	1.4	33.4	18.6

122.8 Days After Planting

UNIFORM TEST II, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	33 bu/a	33 No.	29 Date	32 Score	30 In.	33 g/100	24 Score	Protein 22 %	Oil 22 %
IA3024	58.8	3	9/24	1.5	33	15.6	1.9	32.6	18.7
LD03-10504	56.1	4	-3.5	1.6	31	13.7	1.6	34.6	18.3
U03-260216	59.1	1	-5.6	1.5	33	13.1	1.7	33.5	18.6
U03-300134	58.9	2	-4.5	1.4	32	12.3	1.5	33.4	18.6

123.0 Days After Planting

UNIFORM TEST II, 2008

YIELD (bu/a)

Strain	Mean	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham*	Lanawee	Lamberton MN
	17 Tests							County MI	County MI	
IA2094 (II)	57.9	44.7	51.1	66.4	53.2	66.4	61.8	38.6	63.3	51.5
IA1022 (SCN)	53.1	33.2	51.3	65.3	51.0	72.5	64.3	32.0	53.6	44.5
IA3024	58.4	33.9	52.7	68.5	58.2	67.6	60.3	32.7	54.6	43.3
A06-711002	54.9	36.2	57.0	67.5	54.1	70.4	50.3	40.2	49.5	52.5
A06-711028	53.9	38.7	43.1	63.5	52.6	69.4	53.4	33.4	47.4	40.5
A06-711039	56.2	39.3	43.9	60.0	53.7	74.8	56.9	36.2	63.1	42.2
A06-711043	51.9	31.4	45.0	61.8	49.7	69.2	50.6	23.5	56.8	41.3
A06-712002	55.0	41.3	50.6	63.3	47.5	70.9	57.1	29.6	53.2	46.9
A06-712007	56.2	47.7	51.7	64.2	49.8	69.4	53.1	44.3	61.8	42.5
A06-712036	53.2	46.7	47.9	63.7	52.7	57.8	51.5	42.0	36.3	40.4
A06-712039	54.1	39.2	48.7	64.9	49.1	66.5	62.7	35.0	49.3	41.4
A06-712040	55.1	36.7	46.5	64.0	51.2	72.1	58.3	35.4	61.3	43.3
A06-812001	56.7	45.8	50.7	63.6	50.9	64.8	53.2	46.2	61.1	48.1
A06-812013	55.6	40.8	54.6	69.5	45.0	65.3	50.5	37.3	59.0	46.8
A06-812022	57.0	40.3	50.1	64.5	53.1	62.2	55.2	38.1	65.7	46.6
A06-912008	54.7	38.2	47.1	66.6	56.2	71.0	60.5	38.9	58.0	40.8
AR05-150079	50.8	24.5	46.9	64.5	49.7	61.7	56.3	27.9	44.1	42.0
AR06-164010	56.7	41.7	46.1	70.0	55.1	66.0	58.5	31.9	62.5	42.6
E05053	56.3	50.3	44.7	63.3	54.2	67.6	49.6	39.8	63.4	43.5
HS5-3404	52.8	31.8	47.5	59.2	48.7	61.1	49.5	30.6	54.0	39.1
HS5-3417	54.2	30.9	48.2	59.6	53.4	62.0	50.8	29.2	65.0	42.4
LD03-10504	52.8	28.8	43.4	65.3	56.9	71.1	53.3	32.0	56.8	40.6
LD04- 8782	54.2	27.1	47.3	63.3	52.3	61.5	53.0	35.3	60.1	49.6
LD05-16657	53.9	39.2	48.0	68.4	57.8	72.3	58.2	42.8	52.1	45.4
SD02-22	51.0	32.0	38.1	62.5	47.6	56.6	48.3	44.6	47.3	47.9
SD02-96	51.9	32.7	44.8	64.3	47.5	60.9	51.1	38.7	53.4	39.8
SD04CV-485	54.9	45.2	42.2	68.8	48.1	68.4	51.6	37.6	51.8	42.8
U03-260216	57.1	39.7	50.9	62.0	56.6	68.2	51.1	29.1	60.3	44.8
U03-300134	56.3	31.7	45.1	66.9	46.5	62.4	51.0	41.2	58.9	44.0
Location Mean		37.5	47.7	64.7	51.8	66.6	54.6	36.0	56.0	44.0
C.V. (%)		12.5	12.3	4.5	6.6	10.0	7.9	23.2	9.0	12.4
L.S.D. (5%)		9.6	12.0	6.0	7.0	11.0	7.1	14.2	8.6	9.0
Row Sp. (In.)		27	27	30	30	30	30	15	15	10
Rows/Plot		4	4	4	4	4	4	6	6	10
Reps		2	2	2	2	3	3	2	2	3

*Data not included in mean.

UNIFORM TEST II, 2008

YIELD (bu/a)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Hoytville OH	Wooster OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	55.9	61.7	79.9	96.0	29.9	32.1	68.5	58.1	43.4
IA1022 (SCN)	47.9	55.9	65.5	83.0	30.4	26.3	55.8	57.4	45.5
IA3024	53.0	67.4	80.8	111.7	34.4	39.9	70.9	53.1	43.0
A06-711002	50.5	61.9	74.8	91.8	22.5	33.2	67.6	52.0	41.2
A06-711028	57.6	57.3	77.6	98.5	25.6	31.0	64.8	52.0	43.1
A06-711039	51.2	65.9	82.6	96.8	31.2	33.7	68.5	51.3	40.5
A06-711043	40.8	55.0	79.7	91.8	24.6	30.4	67.1	47.2	39.3
A06-712002	61.1	64.8	72.9	95.6	26.5	34.1	59.4	47.8	41.7
A06-712007	59.4	63.9	74.5	87.9	28.1	33.4	69.9	51.7	45.7
A06-712036	49.7	66.6	80.4	101.3	25.7	29.3	62.9	51.5	40.0
A06-712039	58.0	57.3	80.2	93.4	28.8	29.9	54.8	53.7	41.2
A06-712040	57.5	56.5	73.3	85.3	30.9	31.6	73.7	50.2	44.7
A06-812001	57.0	64.1	80.7	97.6	27.5	34.7	73.6	48.9	42.2
A06-812013	57.1	68.1	70.9	98.9	29.5	33.1	68.1	46.7	40.9
A06-812022	55.7	62.6	85.5	94.8	28.2	38.3	71.8	56.6	38.2
A06-912008	56.2	56.9	74.1	86.6	30.6	31.7	70.4	46.8	38.4
AR05-150079	50.0	55.8	69.0	84.8	31.0	29.3	58.5	52.3	42.5
AR06-164010	53.3	64.9	80.9	92.4	31.6	33.7	65.4	58.6	40.6
E05053	40.7	64.5	81.0	106.2	34.9	28.5	73.2	54.6	37.1
HS5-3404	52.4	62.1	79.6	92.9	28.9	35.1	66.2	51.1	38.8
HS5-3417	50.9	59.1	79.8	95.1	33.2	31.4	68.0	49.3	41.9
LD03-10504	51.2	58.9	70.5	88.3	31.0	23.3	69.3	49.6	40.1
LD04- 8782	49.1	57.7	82.6	92.6	29.9	29.4	72.4	55.9	38.2
LD05-16657	53.8	55.0	71.0	91.3	23.6	24.3	64.1	50.8	40.3
SD02-22	52.3	64.3	61.7	86.8	30.3	26.4	68.6	53.4	42.9
SD02-96	54.8	57.0	74.9	83.4	29.1	32.0	61.2	53.9	42.1
SD04CV-485	57.3	60.9	81.3	96.1	27.9	31.7	62.7	52.7	43.0
U03-260216	59.2	65.8	79.1	101.4	26.5	38.9	70.2	55.1	40.4
U03-300134	59.6	69.1	86.5	100.1	28.8	33.3	74.8	54.2	43.5
Location Mean	53.6	61.4	76.9	93.9	29.0	31.7	67.0	52.3	41.4
C.V. (%)	11.1	6.2	7.7	4.2	12.8	12.5	7.2	4.9	5.3
L.S.D. (5%)	9.7	9.3	14.0	9.7	6.1	6.5	6.5	3.5	3.7
Row Sp. (In.)	10	30	7	30	7.5	7.5	17	18	30
Rows/Plot	10	4	4	4	8	8	5	5	4
Reps	3	2	2	2	3	3	3	3	3

UNIFORM TEST II, 2008

YIELD RANK

Strain	Yield Rank	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2094 (II)	2	6	6	9	11	17	3	11	4	2
IA1022 (SCN)	23	20	5	10	17	2	1	21	19	11
IA3024	1	19	3	4	1	14	5	20	17	14
A06-711002	14	18	1	6	8	8	26	7	24	1
A06-711028	20	15	27	20	14	9	13	19	26	26
A06-711039	9	12	25	27	9	1	10	15	5	20
A06-711043	26	25	22	26	20	11	24	29	15	23
A06-712002	13	8	9	21	26	7	9	25	21	6
A06-712007	9	2	4	16	19	9	16	3	7	18
A06-712036	22	3	14	18	13	28	19	5	29	27
A06-712039	19	13	11	12	22	16	2	18	25	22
A06-712040	12	17	19	17	16	4	7	16	8	14
A06-812001	5	4	8	19	18	20	15	1	9	4
A06-812013	11	9	2	2	29	19	25	14	12	7
A06-812022	4	10	10	13	12	22	12	12	1	8
A06-912008	16	16	17	8	5	6	4	9	14	24
AR05-150079	29	29	18	13	20	24	11	28	28	21
AR06-164010	5	7	20	1	6	18	6	23	6	17
E05053	7	1	24	21	7	14	27	8	3	13
HS5-3404	24	23	15	29	23	26	28	24	18	29
HS5-3417	17	26	12	28	10	23	23	26	2	19
LD03-10504	24	27	26	10	3	5	14	22	16	25
LD04- 8782	17	28	16	21	15	25	17	17	11	3
LD05-16657	20	13	13	5	2	3	8	4	22	9
SD02-22	28	22	29	24	25	29	29	2	27	5
SD02-96	26	21	23	15	26	27	20	10	20	28
SD04CV-485	14	5	28	3	24	12	18	13	23	16
U03-260216	3	11	7	25	4	13	20	27	10	10
U03-300134	7	24	21	7	28	21	22	6	13	12

UNIFORM TEST II, 2008

YIELD RANK

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Hoytville OH	Wooster OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	12	16	12	11	12	13	13	2	5
IA1022 (SCN)	27	26	28	29	10	27	28	3	2
IA3024	17	3	8	1	2	1	7	12	7
A06-711002	23	15	19	19	29	11	17	15	15
A06-711028	6	21	17	7	26	19	21	16	6
A06-711039	20	5	3	9	5	7	14	19	19
A06-711043	28	28	14	19	27	20	18	27	24
A06-712002	1	8	23	12	23	6	26	26	14
A06-712007	3	12	20	23	20	9	10	17	1
A06-712036	25	4	10	4	25	23	23	18	23
A06-712039	5	21	11	15	17	21	29	10	15
A06-712040	7	25	22	26	8	17	2	22	3
A06-812001	10	11	9	8	22	5	3	25	11
A06-812013	9	2	25	6	14	12	15	29	17
A06-812022	13	13	2	14	19	3	6	4	27
A06-912008	11	24	21	25	9	15	8	28	26
AR05-150079	24	27	27	27	6	23	27	14	10
AR06-164010	16	7	7	18	4	7	20	1	18
E05053	29	9	6	2	1	25	4	7	29
HS5-3404	18	14	15	16	16	4	19	20	25
HS5-3417	22	18	13	13	3	18	16	24	13
LD03-10504	20	19	26	22	6	29	11	23	22
LD04- 8782	26	20	4	17	12	22	5	5	27
LD05-16657	15	28	24	21	28	28	22	21	21
SD02-22	19	10	29	24	11	26	12	11	9
SD02-96	14	23	18	28	15	14	25	9	12
SD04CV-485	8	17	5	10	21	15	24	13	7
U03-260216	4	6	16	3	23	2	9	6	20
U03-300134	2	1	1	5	17	10	1	8	4

UNIFORM TEST II, 2008

MATURITY (date)

Strain	Mean	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham	Lanawee	Lamberton MN
	15 Tests							County MI	County MI	
IA2094 (II)	9/19	9/24		9/24	9/17	9/16	9/15	9/14	9/18	9/25
IA1022 (SCN)	-5.0	-6		-3	-9	-8	-7	-4	-3	-4
IA3024	6.3	5		11	7	4	8	9	7	6
A06-711002	-2.6	-3		-3	-1	-6	-3	1	-3	-1
A06-711028	-1.0	-1		-1	0	-5	-4	2	-1	0
A06-711039	0.6	2		2	4	-5	-4	2	0	0
A06-711043	-1.7	-3		-1	-4	-5	-3	6	-1	1
A06-712002	-2.0	-2		-1	-1	-6	-4	0	-1	0
A06-712007	-2.9	-3		-2	-4	-6	-4	0	-4	-1
A06-712036	-0.8	2		0	1	-5	-4	2	0	1
A06-712039	-1.1	-1		-2	-6	3	6	1	-3	3
A06-712040	-3.1	-3		-3	-3	-4	-3	-2	-2	-1
A06-812001	1.7	3		3	1	0	-1	7	2	5
A06-812013	1.1	1		3	0	0	-3	6	3	3
A06-812022	4.5	4		5	3	3	5	13	5	5
A06-912008	5.6	6		10	6	4	6	12	4	5
AR05-150079	-2.9	-1		-2	-4	-4	-2	0	-3	-2
AR06-164010	-1.5	1		-1	-1	-4	-3	1	-1	-1
E05053	7.0	7		11	7	4	7	15	10	7
HS5-3404	2.7	5		3	3	2	1	9	3	4
HS5-3417	4.1	4		5	5	3	3	5	4	5
LD03-10504	3.3	3		3	7	4	5	4	3	3
LD04- 8782	3.4	4		2	3	4	4	4	2	3
LD05-16657	5.2	2		5	6	5	7	12	4	5
SD02-22	-4.8	-5		-4	-5	-7	-4	0	-4	-4
SD02-96	-5.1	-8		-4	-8	-6	-4	-3	-4	-3
SD04CV-485	-1.4	0		-1	-1	-4	-1	1	-2	-1
U03-260216	1.0	5		0	1	1	-1	2	3	0
U03-300134	1.8	3		2	0	2	1	7	1	2
Date Planted	5/20	5/6	5/15	5/29	5/29	5/22	5/19	5/23	5/16	5/22
Days to Mature	123	141		118	111	117	119	114	125	126

UNIFORM TEST II, 2008

MATURITY (date)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Hoytville OH	Wooster OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	9/30	9/18	10/2		9/8	9/12	9/24	9/22	
IA1022 (SCN)	-5	-3	-5		-1	-6	-5	-6	
IA3024	5	6	4		6	5	7	5	
A06-711002	-2	-1	-4		-0	-2	-5	-6	
A06-711028	0	-1	-4		2	7	-4	-5	
A06-711039	-3	4	-1		4	1	2	2	
A06-711043	-1	-1	-6		0	-1	-4	-3	
A06-712002	-1	-1	-4		-1	0	-4	-5	
A06-712007	-2	-2	-3		-0	-4	-5	-4	
A06-712036	0	1	-1		0	1	-4	-6	
A06-712039	3	-3	-2		-1	-5	-5	-5	
A06-712040	-2	-1	-5		-1	-5	-5	-7	
A06-812001	3	2	-2		0	2	3	-2	
A06-812013	0	1	-2		1	2	1	1	
A06-812022	3	6	-2		2	5	4	6	
A06-912008	5	7	2		5	6	2	5	
AR05-150079	-3	-3	-5		-1	-5	-3	-6	
AR06-164010	-1	-3	0		0	-3	-4	-3	
E05053	5	6	2		5	5	7	7	
HS5-3404	1	2	-2		1	4	3	2	
HS5-3417	4	6	-1		6	4	5	4	
LD03-10504	0	2	0		6	4	4	1	
LD04- 8782	3	7	0		5	4	3	3	
LD05-16657	3	6	-1		6	4	5	9	
SD02-22	-5	-3	-9		-1	-7	-6	-8	
SD02-96	-6	-5	-5		-1	-7	-6	-6	
SD04CV-485	-4	-1	-2		3	-1	-4	-3	
U03-260216	1	2	-1		3	1	0	-1	
U03-300134	0	3	-2		4	1	3	1	
Date Planted	5/12	5/15	6/10	5/14	5/25	5/12	5/22	5/28	5/12
Days to Mature	141	126	114		106	123	125	117	

UNIFORM TEST II, 2008

LODGING (score)

Strain	Mean 16 Tests	Ames IA	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2094 (II)	1.5	2.0	1.5	3.0	1.5	1.3	1.3	1.0	2.0	2.0
IA1022 (SCN)	1.4	1.5	1.5	2.0	1.0	1.0	1.0	1.0	1.0	2.0
IA3024	1.3	1.0	1.3	2.5	1.5	1.0	1.0	1.0	1.0	2.0
A06-711002	1.3	1.0	1.5	2.5	1.0	1.2	1.0	1.0	1.0	2.0
A06-711028	1.3	1.5	1.0	2.3	1.3	1.0	1.0	1.0	1.0	2.0
A06-711039	1.4	1.8	1.0	2.5	1.3	1.0	1.0	1.5	1.5	2.0
A06-711043	1.2	1.0	1.0	2.5	1.0	1.0	1.0	1.0	1.0	1.3
A06-712002	1.5	1.8	1.5	3.3	1.3	1.0	1.0	1.0	1.0	2.0
A06-712007	1.4	1.3	1.5	2.5	1.0	1.3	1.0	1.0	1.5	2.0
A06-712036	1.4	1.5	1.0	2.5	1.0	1.0	1.0	1.5	2.0	2.0
A06-712039	1.3	1.0	1.0	2.0	1.0	1.0	1.3	1.0	1.5	2.0
A06-712040	1.2	1.0	1.3	2.0	1.0	1.0	1.0	1.0	1.0	1.7
A06-812001	1.4	1.3	1.3	2.8	1.0	1.0	1.3	1.0	2.0	2.0
A06-812013	1.3	1.5	1.3	2.0	1.0	1.0	1.0	1.0	1.0	2.0
A06-812022	1.3	1.5	1.0	2.3	1.3	1.0	1.0	1.0	2.0	2.0
A06-912008	1.3	1.3	1.0	2.3	1.3	1.0	1.0	1.5	1.5	2.0
AR05-150079	1.3	1.5	1.5	3.0	1.0	1.0	1.0	1.0	1.5	1.7
AR06-164010	1.2	1.3	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0
E05053	1.5	1.8	1.3	2.8	1.8	1.3	1.0	1.0	2.0	2.0
HS5-3404	1.3	1.5	1.5	2.0	1.0	1.0	1.0	1.0	2.0	2.0
HS5-3417	1.4	1.5	1.5	2.8	1.0	1.0	1.2	1.0	2.0	2.0
LD03-10504	1.4	2.3	1.3	2.5	1.5	1.0	1.3	1.0	2.0	2.0
LD04- 8782	1.3	1.8	1.3	2.0	1.0	1.0	1.0	1.0	1.0	2.0
LD05-16657	1.4	1.3	1.3	2.8	1.8	1.0	1.0	1.0	2.0	2.0
SD02-22	1.2	1.0	1.0	2.0	1.0	1.0	1.3	1.5	1.0	1.7
SD02-96	1.2	1.3	1.0	1.5	1.0	1.0	1.0	1.0	1.0	2.0
SD04CV-485	1.2	1.3	1.0	2.3	1.0	1.0	1.0	1.0	1.0	2.0
U03-260216	1.4	2.0	1.5	2.3	1.0	1.0	1.0	1.0	2.0	2.0
U03-300134	1.2	1.3	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0

UNIFORM TEST II, 2008

LODGING (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Hoytville OH	Wooster OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
IA1022 (SCN)	3.0		1.5	1.0	1.0	1.2	1.0	1.0	
IA3024	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
A06-711002	2.0		1.5	1.0	1.0	1.2	1.0	1.0	
A06-711028	2.0		1.5	1.0	1.0	1.2	1.0	1.0	
A06-711039	2.0		1.0	1.0	1.0	1.3	1.0	1.0	
A06-711043	2.0		1.5	1.0	1.0	1.2	1.0	1.0	
A06-712002	3.3		1.5	1.0	1.0	1.2	1.0	1.0	
A06-712007	2.0		1.5	1.0	1.0	1.2	1.0	1.0	
A06-712036	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
A06-712039	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
A06-712040	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
A06-812001	2.0		1.0	1.0	1.0	1.3	1.0	1.0	
A06-812013	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
A06-812022	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
A06-912008	2.3		1.0	1.0	1.0	1.3	1.0	1.0	
AR05-150079	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
AR06-164010	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
E05053	2.3		1.0	1.0	1.0	1.2	1.0	1.0	
HS5-3404	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
HS5-3417	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
LD03-10504	2.0		1.0	1.0	1.0	1.1	1.0	1.0	
LD04- 8782	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
LD05-16657	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
SD02-22	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
SD02-96	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
SD04CV-485	2.0		1.0	1.0	1.0	1.2	1.0	1.0	
U03-260216	2.0		1.0	1.0	1.0	1.3	1.0	1.0	
U03-300134	2.0		1.0	1.0	1.0	1.2	1.0	1.0	

UNIFORM TEST II, 2008

PLANT HEIGHT (inches)

Strain	Mean 15 Tests	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2094 (II)	30	28	32	35	32	32	33	28	27	37
IA1022 (SCN)	28	24	31	30	30	29	30	28	24	34
IA3024	30	27	29	32	34	33	32	25	26	37
A06-711002	30	26	32	34	34	35	31	31	27	36
A06-711028	29	31	29	36	34	33	32	28	22	35
A06-711039	30	31	31	33	36	31	30	30	27	33
A06-711043	29	28	31	33	33	34	31	22	25	36
A06-712002	30	30	31	35	34	32	29	27	28	36
A06-712007	29	28	29	33	31	32	30	29	26	34
A06-712036	32	35	35	37	36	36	33	32	25	37
A06-712039	29	26	30	32	31	35	34	28	25	35
A06-712040	28	23	29	33	30	31	29	26	27	33
A06-812001	31	31	30	36	34	34	32	30	27	37
A06-812013	30	29	32	33	32	33	31	27	26	36
A06-812022	29	27	27	32	31	33	30	24	26	36
A06-912008	31	29	30	34	32	34	34	30	28	37
AR05-150079	27	22	31	34	29	29	28	26	23	34
AR06-164010	28	26	28	32	30	29	31	24	25	34
E05053	31	32	30	36	34	34	35	28	29	37
HS5-3404	30	29	31	34	33	34	31	24	28	35
HS5-3417	30	28	30	34	32	34	32	27	28	36
LD03-10504	29	21	27	32	31	32	32	25	26	36
LD04- 8782	27	24	26	30	30	29	31	23	24	32
LD05-16657	29	27	28	34	34	33	33	27	23	36
SD02-22	29	24	24	31	32	31	30	29	26	37
SD02-96	28	26	28	34	29	31	29	28	26	35
SD04CV-485	28	28	27	33	31	31	31	26	22	35
U03-260216	31	31	32	32	32	35	32	27	27	36
U03-300134	30	29	29	33	32	33	31	30	25	37

UNIFORM TEST II, 2008

PLANT HEIGHT (inches)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Hoytville OH	Wooster OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	40	31			21	19	27	33	
IA1022 (SCN)	34	31			18	18	24	31	
IA3024	39	31			23	19	29	32	
A06-711002	36	33			19	20	29	31	
A06-711028	37	31			17	20	27	30	
A06-711039	34	34			19	21	29	32	
A06-711043	37	31			20	19	27	31	
A06-712002	38	35			20	19	25	32	
A06-712007	35	30			19	19	27	28	
A06-712036	38	37			23	20	31	33	
A06-712039	39	31			17	19	27	31	
A06-712040	35	32			19	18	26	28	
A06-812001	38	33			19	20	30	34	
A06-812013	37	33			19	19	28	29	
A06-812022	35	31			19	19	28	32	
A06-912008	38	32			20	20	32	33	
AR05-150079	33	30			18	18	26	28	
AR06-164010	35	29			18	19	26	28	
E05053	39	33			22	19	29	34	
HS5-3404	39	31			21	21	30	31	
HS5-3417	35	32			22	21	31	32	
LD03-10504	35	32			22	19	29	30	
LD04- 8782	35	26			19	17	27	28	
LD05-16657	36	31			18	18	29	32	
SD02-22	37	34			20	17	28	32	
SD02-96	35	30			19	18	25	32	
SD04CV-485	35	30			18	19	26	30	
U03-260216	39	35			21	19	30	34	
U03-300134	38	33			20	19	30	32	

UNIFORM TEST II, 2008

SEED SIZE (g/100)

Strain	Mean 17 Tests	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2094 (II)	14.7	14.0	13.8	14.9	13.1	15.3	15.6	15.0	15.1	15.4
IA1022 (SCN)	14.5	13.4	13.6	14.1	13.0	15.5	16.3	13.4	14.5	13.5
IA3024	15.0	14.7	13.7	15.4	14.5	16.6	14.8	15.6	14.5	15.2
A06-711002	12.6	12.1	12.0	12.7	12.3	13.0	13.1	13.3	11.6	12.9
A06-711028	17.2	17.6	15.9	17.0	16.8	19.2	18.2	16.4	16.4	17.0
A06-711039	15.3	14.9	14.3	15.2	15.2	16.2	15.3	15.7	15.2	14.2
A06-711043	13.8	13.5	13.2	13.5	13.2	15.6	14.6	13.3	13.6	14.1
A06-712002	12.1	11.8	11.5	12.2	11.0	12.9	12.9	11.9	11.7	12.4
A06-712007	13.7	13.8	13.2	13.3	12.2	15.4	14.1	13.9	14.3	13.3
A06-712036	13.8	14.0	13.4	13.3	12.7	15.3	15.1	13.7	14.1	13.8
A06-712039	14.5	13.8	14.2	14.3	13.9	17.5	17.6	14.5	14.2	14.9
A06-712040	13.1	12.3	12.8	13.1	12.1	15.3	14.3	12.5	12.9	13.0
A06-812001	15.7	16.3	14.6	16.1	14.8	16.3	16.4	16.6	16.0	16.7
A06-812013	13.6	13.7	12.9	14.3	12.2	13.4	13.2	15.2	13.7	13.1
A06-812022	14.8	14.3	13.5	15.1	13.7	15.5	15.2	16.9	14.3	14.9
A06-912008	16.4	16.7	15.1	16.2	16.0	17.2	16.7	18.8	16.4	16.2
AR05-150079	13.6	13.8	13.2	13.5	12.8	14.4	14.3	12.9	13.9	12.7
AR06-164010	15.7	16.4	14.4	16.4	15.2	17.0	16.9	15.0	16.1	15.6
E05053	13.6	13.9	12.7	12.8	12.7	13.6	13.0	15.1	13.5	14.1
HS5-3404	15.0	15.1	14.4	15.3	14.2	16.0	15.2	16.1	14.3	14.3
HS5-3417	15.2	14.9	14.2	14.4	14.1	15.9	16.1	16.2	14.7	15.3
LD03-10504	13.1	12.5	11.8	12.6	12.4	13.3	13.7	13.7	13.8	12.9
LD04- 8782	13.3	13.8	12.6	13.0	12.6	13.9	13.1	13.6	13.2	12.6
LD05-16657	14.1	15.2	13.4	14.1	14.4	14.5	14.4	14.7	12.7	15.2
SD02-22	12.9	12.6	11.7	12.6	12.2	12.9	13.4	13.5	13.0	12.7
SD02-96	14.4	13.3	13.5	14.5	12.9	17.0	15.6	14.7	15.3	13.8
SD04CV-485	15.1	15.9	14.1	14.7	14.4	17.2	15.5	15.3	13.8	15.8
U03-260216	12.6	13.4	12.3	12.2	12.1	13.1	12.3	13.0	12.2	11.7
U03-300134	11.7	12.5	11.5	12.1	10.5	11.4	11.3	12.9	11.5	10.2

UNIFORM TEST II, 2008

SEED SIZE (g/100)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Hoytville OH	Wooster OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	15.2	13.3	17.9		13.0	13.0	16.8	15.7	13.6
IA1022 (SCN)	15.7	13.1	17.6		12.8	13.3	15.7	17.2	14.1
IA3024	16.8	13.6	18.6		13.0	12.9	15.7	15.3	14.2
A06-711002	12.7	11.0	14.7		13.7	10.5	14.1	13.0	11.2
A06-711028	19.5	15.1	20.8		14.1	15.1	19.2	17.8	15.7
A06-711039	15.4	15.0	19.5		13.9	13.6	17.0	15.5	14.0
A06-711043	15.7	12.5	16.0		11.9	11.9	15.4	13.7	13.2
A06-712002	13.0	10.8	14.1		11.0	11.1	13.7	12.6	11.7
A06-712007	14.6	11.9	16.7		12.7	12.0	14.4	13.5	13.7
A06-712036	14.9	12.9	16.9		12.3	12.4	15.0	13.3	12.2
A06-712039	14.0	12.8	17.7		12.1	12.1	14.1	15.1	13.3
A06-712040	15.0	11.4	15.7		11.4	11.7	15.3	13.0	11.7
A06-812001	16.5	13.9	17.1		13.8	14.7	17.2	15.8	14.2
A06-812013	15.3	12.1	16.4		12.1	13.4	14.8	13.8	11.9
A06-812022	16.2	12.7	17.2		13.0	13.1	16.3	15.2	13.9
A06-912008	18.1	14.3	18.6		13.9	15.3	17.8	17.8	14.6
AR05-150079	14.8	14.0	15.5		11.8	12.2	15.4	13.4	12.0
AR06-164010	18.9	14.3	18.8		12.6	12.5	16.6	16.5	14.1
E05053	14.6	11.3	16.3		12.2	12.9	15.1	14.1	12.9
HS5-3404	15.5	13.6	17.6		13.0	14.5	16.6	15.7	14.3
HS5-3417	16.0	13.8	18.0		12.9	13.2	16.7	16.1	15.5
LD03-10504	14.1	11.4	15.4		12.1	11.9	15.8	13.2	12.2
LD04- 8782	13.9	12.2	16.8		12.2	12.1	14.2	13.5	12.1
LD05-16657	15.2	12.4	16.2		12.4	13.0	14.7	14.2	13.7
SD02-22	14.2	11.5	15.0		12.3	11.6	15.1	13.3	12.4
SD02-96	13.4	13.2	17.6		13.2	12.9	15.5	15.5	13.6
SD04CV-485	15.9	13.6	18.1		13.1	12.8	17.3	15.5	13.3
U03-260216	14.3	11.3	15.7		10.6	11.5	13.9	12.9	11.4
U03-300134	12.7	10.6	15.6		10.4	9.9	13.5	11.4	11.0

UNIFORM TEST II, 2008

SEED QUALITY (score)

Strain	Mean 11 Tests	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2094 (II)	1.4			1.0	1.0	1.5	2.0			1.0
IA1022 (SCN)	1.4			1.0	1.0	1.0	2.5			1.0
IA3024	1.5			1.0	1.0	1.5	2.0			1.0
A06-711002	1.5			1.0	1.0	1.0	2.0			1.5
A06-711028	1.5			2.0	1.0	1.0	2.0			1.0
A06-711039	1.4			1.0	2.0	1.0	1.5			1.0
A06-711043	1.5			1.0	1.0	1.0	2.0			1.5
A06-712002	1.7			1.0	1.0	1.0	1.5			1.0
A06-712007	1.5			1.0	1.0	1.0	1.5			1.5
A06-712036	1.6			2.0	1.0	1.5	2.0			1.0
A06-712039	1.3			1.0	1.0	1.0	1.5			1.0
A06-712040	1.7			2.0	1.0	1.0	3.0			1.5
A06-812001	1.6			1.0	1.0	1.5	2.5			1.5
A06-812013	1.6			1.0	1.0	1.0	2.5			1.0
A06-812022	1.7			1.0	1.0	1.5	3.0			1.5
A06-912008	1.5			1.0	1.0	1.5	2.5			1.5
AR05-150079	1.5			1.0	1.0	1.0	2.0			1.5
AR06-164010	1.5			1.0	1.0	1.0	2.0			2.0
E05053	1.5			1.0	1.0	1.0	1.5			1.5
HS5-3404	1.3			1.0	1.0	1.0	1.5			2.0
HS5-3417	1.3			1.0	1.0	1.0	1.5			1.5
LD03-10504	1.3			1.0	1.0	1.0	2.0			1.0
LD04- 8782	1.3			1.0	1.0	1.0	1.5			1.5
LD05-16657	1.4			1.0	1.0	1.0	2.0			1.0
SD02-22	1.6			2.0	1.0	1.0	2.0			2.0
SD02-96	1.7			2.0	1.0	1.0	2.0			2.0
SD04CV-485	1.8			1.0	1.0	1.0	2.0			2.0
U03-260216	1.9			1.0	1.0	1.0	2.0			1.5
U03-300134	1.4			1.0	1.0	1.0	2.0			2.0

UNIFORM TEST II, 2008

SEED QUALITY (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Phillips NE	Hoytville OH	Wooster OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	1.0				1.0	1.0	2.0	2.0	2.0
IA1022 (SCN)	1.0				1.0	1.0	1.3	2.3	2.0
IA3024	1.0				1.0	2.0	1.7	2.0	2.0
A06-711002	1.5				2.0	1.0	1.3	2.0	2.0
A06-711028	1.5				2.0	1.0	1.3	1.3	2.0
A06-711039	1.0				2.0	1.0	1.0	2.0	2.0
A06-711043	1.5				2.0	1.0	2.0	2.0	2.0
A06-712002	2.0				2.0	1.0	1.7	3.0	3.0
A06-712007	2.0				2.0	1.0	1.3	1.7	2.0
A06-712036	1.0				2.0	1.0	1.7	2.0	2.0
A06-712039	1.0				1.0	1.0	1.3	2.0	2.0
A06-712040	1.5				2.0	2.0	1.3	1.7	2.0
A06-812001	1.0				2.0	2.0	1.3	2.0	2.0
A06-812013	1.5				2.0	1.0	2.0	2.3	2.0
A06-812022	1.5				2.0	2.0	1.3	2.0	2.0
A06-912008	1.0				1.0	1.0	1.3	2.3	2.0
AR05-150079	1.5				2.0	1.0	1.7	2.0	2.0
AR06-164010	1.0				2.0	1.0	1.0	2.0	2.0
E05053	1.5				1.0	2.0	1.7	2.3	2.0
HS5-3404	1.5				1.0	1.0	1.0	1.7	2.0
HS5-3417	1.0				1.0	1.0	1.7	2.0	2.0
LD03-10504	1.5				1.0	1.0	1.0	2.0	2.0
LD04- 8782	1.0				1.0	1.0	1.3	1.7	2.0
LD05-16657	1.0				2.0	1.0	1.3	2.0	2.0
SD02-22	2.0				1.0	1.0	2.0	2.0	2.0
SD02-96	1.5				2.0	1.0	1.7	2.3	2.0
SD04CV-485	1.5				3.0	2.0	1.3	2.0	3.0
U03-260216	2.0				3.0	2.0	1.7	2.3	3.0
U03-300134	1.5				1.0	1.0	1.3	2.0	2.0

UNIFORM TEST II, 2008

PROTEIN (%)

Strain	Mean 10 Tests	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI
IA2094 (II)	34.8	35.1	34.3	34.5	33.6	35.4	36.1
IA1022 (SCN)	32.8	32.4	34.9	32.9	32.3	33.1	33.2
IA3024	32.4	31.5	32.4	31.4	32.8	33.1	32.1
A06-711002	33.7	33.3	34.1	32.5	34.0	34.0	33.6
A06-711028	34.8	35.4	35.0	34.6	33.7	34.0	35.6
A06-711039	34.4	33.5	34.4	33.2	34.1	35.0	35.5
A06-711043	34.9	35.1	34.6	34.8	35.2	35.3	34.0
A06-712002	34.0	33.5	33.9	32.2	33.9	35.2	34.9
A06-712007	34.5	34.7	34.9	34.1	33.5	35.0	34.7
A06-712036	34.4	35.3	34.3	32.8	33.9	35.1	35.2
A06-712039	34.7	35.2	34.9	33.7	34.2	34.7	35.3
A06-712040	34.0	33.5	33.7	33.3	32.7	34.3	35.6
A06-812001	34.6	34.5	34.6	34.6	33.8	34.7	34.7
A06-812013	34.1	33.6	34.6	33.6	33.4	34.7	34.8
A06-812022	34.4	33.9	34.5	33.8	34.9	35.5	34.3
A06-912008	35.4	35.9	34.7	34.4	35.1	36.3	36.7
AR05-150079	33.4	33.3	33.9	33.5	33.5	34.2	35.1
AR06-164010	34.9	34.7	34.9	35.2	33.8	35.7	34.6
E05053	34.4	33.8	35.3	33.2	34.4	35.5	34.6
HS5-3404	34.8	34.4	34.9	34.8	34.5	35.7	34.7
HS5-3417	34.5	33.6	34.5	34.8	34.2	34.9	34.7
LD03-10504	34.4	34.8	34.6	33.3	34.0	35.1	35.9
LD04- 8782	33.7	33.6	34.7	32.0	33.6	35.1	34.2
LD05-16657	33.5	33.3	32.8	32.5	33.6	33.8	33.9
SD02-22	33.8	35.0	33.3	33.5	32.8	34.3	34.1
SD02-96	34.8	35.0	35.5	34.9	34.1	34.7	35.2
SD04CV-485	33.9	33.7	34.9	35.1	33.4	34.0	34.2
U03-260216	33.5	33.2	33.0	32.8	33.5	34.4	36.1
U03-300134	33.4	33.1	33.4	32.6	32.0	35.8	33.9

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST II, 2008**PROTEIN (%)**

Strain	Lamberton MN	Waseca MN	Chatham ONT	Harrow ONT
IA2094 (II)	35.2	32.7	36.0	35.2
IA1022 (SCN)	32.2	30.9	34.0	32.4
IA3024	32.1	30.6	35.1	32.8
A06-711002	34.0	31.4	35.6	34.8
A06-711028	35.0	34.3	36.2	34.8
A06-711039	34.0	33.4	35.7	35.1
A06-711043	34.1	33.8	36.3	36.3
A06-712002	33.4	32.6	34.8	35.3
A06-712007	34.3	32.3	36.2	35.3
A06-712036	34.0	32.6	35.8	35.0
A06-712039	34.5	33.1	35.8	35.0
A06-712040	34.3	32.0	34.7	35.6
A06-812001	34.6	32.9	35.9	35.7
A06-812013	33.5	32.0	35.1	35.4
A06-812022	35.2	32.7	34.4	34.8
A06-912008	34.3	33.2	36.5	36.5
AR05-150079	32.5	31.2	32.9	33.9
AR06-164010	35.6	34.3	35.4	34.3
E05053	34.7	34.7	34.4	33.4
HS5-3404	34.7	33.1	35.9	34.9
HS5-3417	34.2	34.1	35.3	34.6
LD03-10504	33.7	32.2	36.0	34.9
LD04- 8782	32.7	31.5	35.1	34.3
LD05-16657	33.3	32.6	35.1	34.1
SD02-22	32.5	32.3	35.8	34.3
SD02-96	34.1	34.1	35.8	34.1
SD04CV-485	33.6	31.8	35.0	33.4
U03-260216	32.5	30.4	33.7	35.1
U03-300134	32.8	30.9	35.2	34.5

UNIFORM TEST II, 2008

OIL (%)

Strain	Mean 10 Tests	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI
IA2094 (II)	18.6	18.9	18.3	18.7	19.3	18.2	17.7
IA1022 (SCN)	19.9	19.7	19.1	20.5	19.9	19.8	19.8
IA3024	19.0	19.3	18.8	19.7	19.4	19.2	18.6
A06-711002	18.2	17.9	17.6	19.5	17.6	18.0	18.4
A06-711028	18.7	18.0	18.3	19.3	18.8	18.6	18.5
A06-711039	18.5	18.5	18.4	19.5	18.5	18.0	18.1
A06-711043	18.3	18.3	18.0	19.0	17.9	17.7	18.8
A06-712002	18.2	19.0	17.6	19.5	18.0	17.6	17.6
A06-712007	18.2	18.0	18.2	18.8	18.3	18.0	18.4
A06-712036	18.8	18.6	18.5	19.5	19.3	18.7	18.1
A06-712039	18.5	18.4	19.1	19.3	18.0	17.9	18.1
A06-712040	18.8	19.0	18.6	19.7	19.1	18.7	17.9
A06-812001	18.5	18.1	18.3	19.2	18.8	18.2	18.3
A06-812013	18.3	18.3	18.1	19.0	18.5	17.9	18.3
A06-812022	18.8	18.5	18.3	19.9	18.2	18.5	18.6
A06-912008	18.0	18.2	18.3	19.1	18.0	17.4	17.3
AR05-150079	19.0	18.4	18.2	19.4	18.9	19.7	17.7
AR06-164010	18.0	18.2	17.6	18.5	18.2	17.7	17.9
E05053	18.3	17.7	18.5	18.7	18.0	17.4	17.7
HS5-3404	18.0	17.8	17.3	19.3	17.9	18.2	18.1
HS5-3417	18.1	18.5	17.4	18.8	18.1	17.9	17.9
LD03-10504	18.7	17.9	18.1	19.9	19.9	18.5	18.0
LD04- 8782	18.2	17.8	18.3	18.7	18.4	18.0	17.7
LD05-16657	18.4	18.3	18.4	19.0	18.1	18.4	18.6
SD02-22	17.9	17.2	17.6	18.7	18.3	17.6	17.8
SD02-96	18.8	18.2	18.4	19.1	19.2	18.7	18.4
SD04CV-485	19.3	18.5	19.4	19.6	19.4	19.1	19.2
U03-260216	18.7	18.1	18.2	19.7	19.0	19.2	17.7
U03-300134	18.6	18.8	18.0	19.0	19.8	18.9	18.2

UNIFORM TEST II, 2008

OIL (%)

Strain	Lamberton MN	Waseca MN	Chatham ONT	Harrow ONT
IA2094 (II)	18.8	18.9	18.0	19.1
IA1022 (SCN)	19.6	19.9	20.2	20.7
IA3024	18.8	18.8	18.1	19.7
A06-711002	18.5	18.3	17.5	18.4
A06-711028	19.3	18.9	17.9	19.1
A06-711039	18.4	18.8	17.7	18.6
A06-711043	18.4	18.7	17.9	18.1
A06-712002	18.7	18.6	17.7	17.7
A06-712007	18.2	18.3	17.4	18.1
A06-712036	19.2	18.7	18.4	19.0
A06-712039	18.7	18.1	18.3	18.9
A06-712040	19.6	18.7	18.6	18.4
A06-812001	18.9	18.8	18.2	17.9
A06-812013	18.5	18.2	17.7	18.0
A06-812022	18.7	18.8	19.4	19.5
A06-912008	19.2	18.2	17.3	17.5
AR05-150079	18.8	19.2	20.2	19.7
AR06-164010	17.5	17.8	18.0	19.0
E05053	18.7	19.1	18.2	19.1
HS5-3404	17.6	17.7	17.7	18.7
HS5-3417	17.7	18.4	18.2	18.5
LD03-10504	18.5	18.4	18.4	19.0
LD04- 8782	18.1	18.3	18.3	18.6
LD05-16657	18.9	18.3	17.7	18.7
SD02-22	17.9	18.3	17.7	18.3
SD02-96	18.5	19.1	18.8	20.0
SD04CV-485	19.4	19.2	19.1	20.0
U03-260216	18.9	18.5	19.2	18.8
U03-300134	18.5	18.4	18.1	18.8

Preliminary Test IIA, 2008

Ent.	Strain	Parentage	Seed Source	Gen. Comp.	Unique Traits
1.	IA2094 (II)	AgriPro X0121B74 x A00-711036	Fehr	F4	
2.	IA1022 (SCN)	Dairyland 98822 x A00-711024	Fehr	F5	SCN
3.	IA3024	A97-553017 x Pioneer YB33A99	Fehr		1% linolenic
4.	A07-527003	A02-338013 x AgriPr 97199-A00-10391	Fehr	F4	
5.	A07-527004	A02-338013 x AgriPr 97199-A00-10391	Fehr	F4	
6.	A07-527007	A02-338013 x S16-Y6	Fehr	F4	
7.	A07-527010	Pioneer 91M10 x Dairyland 99820-33	Fehr	F4	
8.	A07-527020	IA3023 x IA1021	Fehr	F4	
9.	A07-527022	AgriPro 97144-A00-15133 x Dairyland 99733	Fehr	F4	
10.	A07-527026	Dairyland 99627 x Pioneer 91M10	Fehr	F4	
11.	A07-527035	A02-136030 x U98-311442	Fehr	F4	SCN
12.	A07-527045	A02-136030 x Dairyland 99540	Fehr	F4	
13.	A07-626002	A02-136030 x Dairyland 99540	Fehr	F4	
14.	A07-626004	A02-136030 x Dairyland 99540	Fehr	F4	
15.	A07-626010	IA1021 x Dairyland 99820-33	Fehr	F4	
16.	A07-626013	A02-338013 x Pioneer 92M72	Fehr	F4	
17.	A07-626020	IA1021 x Dairyland 99820-33	Fehr	F4	
18.	A07-626024	A02-336040 x Dairyland 99509	Fehr	F4	
19.	E06161	OAC 98-12 x Skylla	Wang	F5	
20.	E06163	OAC 98-12 x Skylla	Wang	F5	
21.	E06164	OAC 98-12 x Skylla	Wang	F5	
22.	E06165	OAC 98-12 x E99035	Wang	F5	
23.	E06167	OAC 98-12 x E99035	Wang	F5	
24.	E06240	Loda x AxN-1-55	Wang	F5	
25.	E06243	Loda x AxN-1-56	Wang	F5	
26.	E06246	Loda x AxN-1-56	Wang	F5	
27.	E06372	C1979 x LG97-9226	Wang	F6	
28.	E06380	K1459 x LG97-8984	Wang	F6	
29.	E06381	K1459 x LG97-8984	Wang	F6	
30.	HS6-3664	E99248 x HS99-5217	St. Martin	F5	
31.	HS6-3673	E99248 x HS99-5217	St. Martin	F5	
32.	HS6-3681	HS99-4256 x Dilworth	St. Martin	F5	
33.	HS6-3724	E99248 x HS99-5217	St. Martin	F5	
34.	HS6-3807	Kottman x HS0-3248	St. Martin	F5	

PRELIMINARY TEST IIA, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		FE
		Score	Score	Score	Lafayette		Laf.
		Humboldt	Harrow	Manhattan	Race	Race	a
		IA	ONT	KS	4	7	rx.
IA2094 (II)	PTTSYYI	3.9	1.0	1.0	S	S	S
IA1022 (SCN)	PGTIYYI	3.4	1.0	1.0	S	S	S
IA3024	PGTDYIbI	3.1	1.0	1.0	R*	R*	S
A07-527003	PGBDYI	3.8	1.0	1.0	H*	H*	-
A07-527004	PGBDYI	3.4	1.0	1.0	R*	R*	-
A07-527007	PGBDYI	3.8	1.0	1.0	S	S	S
A07-527010	PGSDYYI	3.9	1.0	1.0	S	S	S
A07-527020	WTBDYYI	3.3	1.0	1.0	S	S	S
A07-527022	WLtTTDYYI	3.1	1.0	1.0	S	S	S
A07-527026	P+WGBDYI	3.5	1.0	1.0	S	S	S
A07-527035	WGTDYYI	4.0	1.0	1.0	S	S	S
A07-527045	WGBDYI	3.9	1.0	1.0	S	S	S
A07-626002	WGTDYYI	4.1	1.0	1.0	S	S	S
A07-626004	WGTDYYI	3.4	1.0	1.0	S	S	S
A07-626010	PLtTBDYY+LbrI	3.8	1.0	1.0	S	S	S
A07-626013	PGBDYI	3.6	1.0	1.0	S	S	-
A07-626020	PLtTBDYY+LbrI	4.3	1.0	1.0	S	S	S
A07-626024	WGBDYI	3.9	1.0	1.0	S	S	S
E06161	PW+GTDYBI+IbI	3.8	1.0	1.0	R*	R*	S
E06163	PT+GDYBf+IbI	3.8	1.0	1.0	S	S	S
E06164	PGTDYIbI	4.0	1.0	1.0	S	R*	-
E06165	PTBDYLbrI	4.0	1.0	1.0	R*	S	-
E06167	PGBDYLbfi	3.6	1.0	1.0	R*	R*	S
E06240	PGBDYGrI	3.9	1.0	1.0	S	S	S
E06243	PTTDYGrI	3.9	1.0	2.0	S	S	-
E06246	PGTDYLgrI	3.8	1.0	1.0	S	R*	S
E06372	PTBDYYI	3.6	1.0	1.0	S	S	S
E06380	P+WGBDYIb+BfI	3.8	1.0	1.0	S	S	S
E06381	P+WGBDYIb+BfI	4.4	1.0	1.0	S	S	S
HS6-3664	PTBDYBII	3.1	1.0	1.0	R*	R*	S
HS6-3673	PLtBDYBII	2.8	1.0	1.0	R*	R*	S
HS6-3681	PTBDYBII	3.9	1.0	1.0	R*	R*	S
HS6-3724	PTBDYBII	4.0	1.0	1.0	S	R*	S
HS6-3807	WLtTBDYBII	3.3	1.0	1.0	R*	R*	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST IIA, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 12 bu/a	Rank 12 No.	Maturity 10 Date	Lodging 11 Score	Plant Height 10 In.	Seed Size 12 g/100	Seed Quality 6 Score	Composition	
								Protein 6 %	Oil 6 %
IA2094 (II)	56.5	8	9/19	1.3	30	14.9	1.7	34.6	18.7
IA1022 (SCN)	55.0	15	-4.5	1.3	28	14.8	1.6	32.9	20.3
IA3024	59.1	4	5.0	1.1	30	15.5	1.8	32.7	19.1
A07-527003	54.2	19	-0.2	1.4	31	17.9	1.8	35.6	18.2
A07-527004	53.3	21	0.1	1.1	30	18.1	1.6	34.9	18.5
A07-527007	52.3	27	-2.7	1.3	29	15.3	1.8	34.5	19.3
A07-527010	56.1	9	0.0	1.1	29	15.3	1.8	34.8	18.9
A07-527020	55.7	12	1.7	1.3	30	15.6	1.8	35.2	18.7
A07-527022	56.7	7	2.8	1.2	35	14.7	1.8	34.5	18.7
A07-527026	58.2	6	0.3	1.1	29	15.6	1.4	35.1	19.0
A07-527035	52.6	25	0.6	1.0	28	14.2	1.7	35.1	18.3
A07-527045	55.8	11	0.9	1.2	31	13.3	1.5	35.4	18.0
A07-626002	59.2	3	4.5	1.3	30	14.2	1.8	34.7	18.6
A07-626004	59.4	2	3.8	1.1	30	14.2	1.7	34.3	18.7
A07-626010	59.6	1	5.1	1.6	33	16.3	2.0	33.9	18.9
A07-626013	55.3	13	2.2	1.5	32	17.6	2.2	35.5	18.4
A07-626020	54.5	17	3.0	1.4	31	14.9	1.6	34.9	18.7
A07-626024	56.1	9	-1.8	1.3	29	14.1	1.3	33.5	19.2
E06161	54.5	17	5.4	1.3	31	16.0	1.7	33.8	18.7
E06163	48.9	34	-0.4	1.1	29	14.6	1.8	33.9	19.0
E06164	53.3	21	-0.4	1.2	30	14.9	1.3	32.8	19.5
E06165	54.8	16	0.1	1.3	30	16.5	1.7	33.9	19.6
E06167	51.8	29	0.7	1.1	27	16.7	1.6	34.4	19.6
E06240	54.1	20	-0.4	1.4	30	15.8	1.6	33.9	19.2
E06243	50.9	30	-2.9	1.1	27	16.0	2.3	35.1	18.2
E06246	52.1	28	2.8	1.5	32	15.2	1.6	35.2	17.8
E06372	52.7	24	-2.0	1.2	29	14.8	1.8	34.3	19.0
E06380	52.4	26	6.1	1.5	33	13.8	1.7	33.4	19.2
E06381	58.3	5	5.4	1.5	32	14.1	1.8	34.0	18.8
HS6-3664	49.1	33	1.1	1.1	28	16.0	1.5	34.5	18.4
HS6-3673	50.8	31	1.7	1.2	30	16.5	1.4	34.4	18.7
HS6-3681	50.1	32	2.2	1.3	31	12.7	1.5	34.0	18.3
HS6-3724	52.9	23	1.9	1.1	29	14.1	1.7	33.8	19.2
HS6-3807	55.1	14	4.8	1.4	31	15.1	1.7	35.5	18.2

121.5 Days After Planting

PRELIMINARY TEST IIA, 2008

YIELD (bu/a)

Strain	Mean 12 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	56.5	44.7	51.1	51.1	67.4	39.2	62.3
IA1022 (SCN)	55.0	33.2	51.3	54.0	68.8	37.3	59.0
IA3024	59.1	33.9	52.7	61.5	64.3	32.9	70.6
A07-527003	54.2	46.7	42.7	57.4	58.8	38.1	63.8
A07-527004	53.3	38.8	46.7	60.3	51.5	36.4	57.1
A07-527007	52.3	31.1	45.4	54.9	58.1	31.0	61.5
A07-527010	56.1	46.2	47.0	59.6	70.4	30.8	63.6
A07-527020	55.7	39.1	48.5	54.2	63.3	32.9	60.4
A07-527022	56.7	42.8	53.8	55.4	69.6	32.4	69.6
A07-527026	58.2	44.5	51.0	55.6	58.0	41.0	61.6
A07-527035	52.6	42.2	42.9	54.4	71.0	31.1	56.7
A07-527045	55.8	47.3	50.7	51.9	63.5	30.3	64.2
A07-626002	59.2	46.2	49.6	60.1	64.9	44.5	66.7
A07-626004	59.4	47.5	49.0	54.8	77.2	31.3	65.9
A07-626010	59.6	47.2	50.5	61.8	59.8	37.3	71.8
A07-626013	55.3	47.9	41.2	56.8	59.5	32.3	65.7
A07-626020	54.5	37.8	48.7	56.9	58.8	35.5	64.8
A07-626024	56.1	39.5	41.7	52.2	59.9	41.5	64.2
E06161	54.5	36.8	45.9	51.8	61.2	38.6	56.5
E06163	48.9	31.9	37.4	48.1	49.2	31.3	53.6
E06164	53.3	38.6	41.9	47.1	61.2	33.7	58.0
E06165	54.8	37.3	40.6	50.8	65.1	34.8	60.1
E06167	51.8	27.8	44.0	45.5	58.8	39.3	60.0
E06240	54.1	39.0	46.6	49.8	58.6	39.0	67.1
E06243	50.9	27.6	38.3	50.9	56.5	34.6	58.1
E06246	52.1	29.4	44.1	53.3	64.3	32.6	62.7
E06372	52.7	21.4	46.3	55.9	71.9	32.9	56.6
E06380	52.4	34.5	47.9	60.1	64.8	31.7	59.7
E06381	58.3	39.5	46.2	69.4	73.2	36.1	66.8
HS6-3664	49.1	24.9	44.4	55.5	49.2	31.8	52.9
HS6-3673	50.8	28.6	42.5	54.6	61.7	32.8	54.0
HS6-3681	50.1	35.1	43.5	54.1	52.8	31.2	57.3
HS6-3724	52.9	36.9	43.9	58.3	61.5	32.7	60.0
HS6-3807	55.1	40.6	45.5	56.4	65.3	34.7	65.4
Location Mean		37.8	45.9	55.1	62.4	34.8	61.7
C.V. (%)		13.8	10.4	6.8	9.4	15.4	5.6
L.S.D. (5%)		10.7	9.7	7.6	5.9	9.0	8.6
Row Sp. (In.)		27	27	30	30	15	30
Rows/Plot		4	4	4	4	6	4
Reps		2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST IIA, 2008

YIELD (bu/a)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	74.6	97.6	33.6	61.1	52.5	43.3
IA1022 (SCN)	71.2	87.5	34.9	65.6	49.0	48.7
IA3024	78.8	109.5	37.9	77.9	45.1	43.9
A07-527003	70.7	93.5	30.8	61.8	44.1	42.6
A07-527004	71.7	92.2	31.8	68.0	46.8	38.8
A07-527007	76.4	103.6	27.2	56.0	41.9	41.1
A07-527010	73.4	86.4	35.4	73.2	44.5	42.5
A07-527020	70.8	90.6	34.9	77.9	51.1	45.2
A07-527022	74.0	92.7	29.1	71.9	46.5	42.6
A07-527026	80.7	98.2	35.0	75.2	53.6	44.1
A07-527035	68.9	80.6	32.6	68.3	41.4	41.0
A07-527045	75.5	94.3	34.8	72.1	41.7	43.9
A07-626002	81.3	100.1	39.4	62.5	48.3	46.3
A07-626004	86.7	103.0	36.1	75.3	40.5	45.6
A07-626010	83.9	95.7	38.1	82.8	40.8	46.2
A07-626013	83.9	98.6	31.3	64.8	41.3	40.5
A07-626020	74.4	93.1	35.3	68.4	37.5	42.8
A07-626024	76.3	97.3	34.1	69.9	50.7	45.4
E06161	76.3	97.6	37.5	68.5	47.0	36.7
E06163	66.8	83.7	32.1	61.3	48.3	42.7
E06164	64.7	90.4	35.9	77.2	47.5	43.8
E06165	74.9	100.1	37.1	66.0	47.5	43.3
E06167	67.8	93.4	35.0	65.8	45.2	39.3
E06240	67.8	90.8	29.4	68.8	48.2	43.8
E06243	70.5	84.8	30.0	65.4	48.6	45.9
E06246	68.4	87.9	37.5	66.0	42.6	36.0
E06372	69.2	83.8	28.3	71.3	51.4	44.0
E06380	69.8	91.6	30.4	61.6	39.9	37.0
E06381	74.4	99.6	32.2	78.8	41.7	41.2
HS6-3664	73.2	81.6	33.3	57.4	46.7	38.3
HS6-3673	75.9	81.6	35.7	66.6	41.7	34.0
HS6-3681	70.4	88.0	33.1	57.4	37.4	40.9
HS6-3724	76.2	81.7	35.9	64.5	44.7	38.2
HS6-3807	77.3	88.2	37.0	69.1	41.8	39.9
Location Mean	74.0	92.3	33.9	68.2	45.2	42.0
C.V. (%)	5.5	3.3	9.9	8.1	5.7	4.9
L.S.D. (5%)	10.0	7.5	6.8	9.4	4.3	3.9
Row Sp. (In.)	30	30	7.5	17	18	30
Rows/Plot	4	4	8	5	5	4
Reps	2	2	2	2	2	2

PRELIMINARY TEST IIA, 2008

YIELD RANK

Strain	Yield Rank	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	8	8	4	28	8	5	16
IA1022 (SCN)	15	26	3	23	7	9	24
IA3024	4	25	2	3	14	18	2
A07-527003	19	5	27	9	24	8	13
A07-527004	21	17	14	4	32	11	28
A07-527007	27	28	20	17	28	32	18
A07-527010	9	6	13	7	5	33	14
A07-527020	12	15	11	21	16	19	19
A07-527022	7	10	1	16	6	24	3
A07-527026	6	9	5	14	29	3	17
A07-527035	25	11	26	20	4	31	29
A07-527045	11	3	6	26	15	34	11
A07-626002	3	6	8	5	11	1	6
A07-626004	2	2	9	18	1	28	7
A07-626010	1	4	7	2	22	10	1
A07-626013	13	1	31	11	23	25	8
A07-626020	17	19	10	10	26	13	10
A07-626024	9	13	30	25	21	2	11
E06161	17	22	18	27	20	7	31
E06163	34	27	34	32	33	29	33
E06164	21	18	29	33	19	17	26
E06165	16	20	32	30	10	14	20
E06167	29	31	23	34	25	4	21
E06240	20	16	15	31	27	6	4
E06243	30	32	33	29	30	16	25
E06246	28	29	22	24	13	23	15
E06372	24	34	16	13	3	20	30
E06380	26	24	12	5	12	27	23
E06381	5	13	17	1	2	12	5
HS6-3664	33	33	21	15	34	26	34
HS6-3673	31	30	28	19	17	21	32
HS6-3681	32	23	25	22	31	30	27
HS6-3724	23	21	24	8	18	22	21
HS6-3807	14	12	19	12	9	15	9

PRELIMINARY TEST IIA, 2008

YIELD RANK

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	15	9	20	31	2	14
IA1022 (SCN)	22	26	16	23	6	1
IA3024	6	1	3	3	18	10
A07-527003	24	14	28	28	21	18
A07-527004	21	18	26	18	14	28
A07-527007	8	2	34	34	23	22
A07-527010	19	27	12	8	20	20
A07-527020	23	21	16	4	4	7
A07-527022	18	17	32	10	16	18
A07-527026	5	8	14	7	1	8
A07-527035	29	34	23	17	28	23
A07-527045	13	13	18	9	25	10
A07-626002	4	4	1	27	8	2
A07-626004	1	3	8	6	31	5
A07-626010	2	12	2	1	30	3
A07-626013	2	7	27	25	29	25
A07-626020	16	16	13	16	33	16
A07-626024	9	11	19	12	5	6
E06161	9	9	4	15	13	32
E06163	33	30	25	30	9	17
E06164	34	22	9	5	11	12
E06165	14	4	6	20	12	14
E06167	31	15	14	22	17	27
E06240	31	20	31	14	10	12
E06243	25	28	30	24	7	4
E06246	30	25	4	21	22	33
E06372	28	29	33	11	3	9
E06380	27	19	29	29	32	31
E06381	16	6	24	2	26	21
HS6-3664	20	32	21	33	15	29
HS6-3673	12	32	11	19	27	34
HS6-3681	26	24	22	32	34	24
HS6-3724	11	31	9	26	19	30
HS6-3807	7	23	7	13	24	26

PRELIMINARY TEST IIA, 2008

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	9/19	9/24		9/17	9/16	9/18	9/20
IA1022 (SCN)	-4.5	-6		-5	-8	7	-8
IA3024	5.0	5		7	4	2	4
A07-527003	-0.2	4		2	-7	0	-1
A07-527004	0.1	1		2	-4	1	-1
A07-527007	-2.7	-5		-1	-7	6	-2
A07-527010	0.0	1		2	2	1	0
A07-527020	1.7	3		3	4	1	1
A07-527022	2.8	5		5	3	3	0
A07-527026	0.3	2		3	2	0	1
A07-527035	0.6	2		1	2	-2	1
A07-527045	0.9	3		1	2	1	-1
A07-626002	4.5	3		6	3	7	4
A07-626004	3.8	3		4	3	4	3
A07-626010	5.1	6		9	4	6	4
A07-626013	2.2	4		4	1	0	1
A07-626020	3.0	3		6	4	2	1
A07-626024	-1.8	0		0	-6	0	-2
E06161	5.4	6		9	3	4	6
E06163	-0.4	-3		3	-3	0	1
E06164	-0.4	1		1	1	-1	2
E06165	0.1	-1		2	-2	3	-1
E06167	0.7	1		1	-2	1	0
E06240	-0.4	1		-1	-1	2	-1
E06243	-2.9	1		-5	-4	7	-8
E06246	2.8	4		7	4	-1	0
E06372	-2.0	-3		1	-2	3	-3
E06380	6.1	10		10	7	3	3
E06381	5.4	6		11	5	7	3
HS6-3664	1.1	2		4	0	-1	-2
HS6-3673	1.7	2		2	1	1	-2
HS6-3681	2.2	2		5	0	2	0
HS6-3724	1.9	3		1	1	-1	-1
HS6-3807	4.8	5		7	4	7	4
Date Planted	5/21	5/6	5/12	5/29	5/22	5/23	5/15
Days to Mature	122	141		111	117	118	128

PRELIMINARY TEST IIA, 2008

MATURITY (date)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	10/2		9/13	9/11	9/22	9/26
IA1022 (SCN)	-5		-5	-3	-8	-4
IA3024	4		3	9	3	9
A07-527003	-1		-3	5	-2	2
A07-527004	-1		-1	4	-1	1
A07-527007	-1		-3	-3	-8	-3
A07-527010	-1		-1	4	-7	-1
A07-527020	-1		-2	5	2	1
A07-527022	-1		-1	5	1	8
A07-527026	-1		-1	-2	-1	0
A07-527035	1		-2	2	-1	2
A07-527045	2		-3	4	-2	2
A07-626002	1		2	7	4	8
A07-626004	1		3	5	4	8
A07-626010	-2		2	9	5	8
A07-626013	-1		1	7	-2	7
A07-626020	0		0	5	1	8
A07-626024	-2		-2	-2	-4	0
E06161	8		2	7	4	-
E06163	-1		4	-2	-3	0
E06164	-1		-3	0	-5	2
E06165	-1		0	-2	0	2
E06167	-2		3	4	-1	2
E06240	-1		0	-2	-1	1
E06243	-4		-3	-4	-7	-1
E06246	-2		1	5	2	8
E06372	-5		0	-2	-5	-4
E06380	1		3	9	7	8
E06381	-2		3	9	4	8
HS6-3664	-1		1	4	1	3
HS6-3673	-1		0	4	2	8
HS6-3681	-1		0	5	1	8
HS6-3724	-1		3	4	4	6
HS6-3807	-2		2	9	3	9
Date Planted	6/10		5/25	5/22	5/28	5/12
Days to Mature	114		111	112	117	137

PRELIMINARY TEST IIA, 2008

LODGING (score)

Strain	Mean 11 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	1.3	2.0	1.5	1.3	1.5	1.5	
IA1022 (SCN)	1.3	1.5	1.5	1.5	1.0	1.0	
IA3024	1.1	1.0	1.3	1.5	1.0	1.0	
A07-527003	1.4	1.8	1.0	1.3	1.3	2.0	
A07-527004	1.1	1.0	1.3	1.3	1.0	1.5	
A07-527007	1.3	1.5	1.3	1.3	1.5	1.0	
A07-527010	1.1	1.0	1.0	1.0	1.3	1.5	
A07-527020	1.3	1.5	1.3	1.5	1.3	1.5	
A07-527022	1.2	1.5	1.0	1.0	1.3	1.5	
A07-527026	1.1	1.3	1.3	1.0	1.0	1.0	
A07-527035	1.0	1.0	1.3	1.0	1.0	1.0	
A07-527045	1.2	1.0	1.3	1.0	1.0	1.0	
A07-626002	1.3	1.3	1.3	1.3	1.3	1.5	
A07-626004	1.1	1.0	1.0	1.3	1.0	1.0	
A07-626010	1.6	1.8	1.3	2.5	1.5	2.0	
A07-626013	1.5	2.0	1.5	1.5	2.0	1.5	
A07-626020	1.4	2.0	1.5	2.0	1.3	1.0	
A07-626024	1.3	1.5	1.3	1.0	1.3	1.5	
E06161	1.3	1.5	1.5	1.8	1.3	1.5	
E06163	1.1	1.0	1.0	1.3	1.0	1.0	
E06164	1.2	1.0	1.5	1.0	1.0	1.0	
E06165	1.3	1.5	1.0	1.3	1.0	1.0	
E06167	1.1	1.3	1.0	1.0	1.0	1.5	
E06240	1.4	1.8	1.3	1.3	1.0	1.0	
E06243	1.1	1.5	1.0	1.3	1.0	1.0	
E06246	1.5	1.5	1.3	1.8	1.5	2.0	
E06372	1.2	1.8	1.0	1.0	1.0	1.5	
E06380	1.5	3.0	1.3	2.0	1.0	1.5	
E06381	1.5	2.3	1.3	2.3	1.3	2.0	
HS6-3664	1.1	1.0	1.3	1.0	1.0	1.0	
HS6-3673	1.2	1.8	1.3	1.0	1.0	1.0	
HS6-3681	1.3	2.0	1.3	1.5	1.0	1.0	
HS6-3724	1.1	1.3	1.0	1.0	1.0	1.0	
HS6-3807	1.4	1.3	1.3	1.5	1.0	2.0	

PRELIMINARY TEST IIA, 2008

LODGING (score)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	1.0	1.0	1.0	1.0	1.0	1.0
IA1022 (SCN)	2.5	1.0	1.0	1.0	1.0	1.0
IA3024	1.5	1.0	1.0	1.0	1.0	1.0
A07-527003	2.0	1.0	1.0	1.0	1.0	2.0
A07-527004	1.5	1.0	1.0	1.0	1.0	1.0
A07-527007	1.5	1.0	1.0	1.0	1.0	2.0
A07-527010	1.0	1.0	1.0	1.0	1.0	1.0
A07-527020	2.0	1.0	1.0	1.0	1.0	1.0
A07-527022	2.0	1.0	1.0	1.0	1.0	1.0
A07-527026	1.0	1.0	1.0	1.0	1.0	1.0
A07-527035	1.0	1.0	1.0	1.0	1.0	1.0
A07-527045	1.5	1.0	1.0	1.0	1.0	2.0
A07-626002	2.0	1.0	1.0	1.0	1.0	2.0
A07-626004	1.0	1.0	1.0	1.0	1.0	2.0
A07-626010	1.5	1.0	1.0	1.0	1.0	3.0
A07-626013	1.5	1.0	1.0	1.0	1.0	3.0
A07-626020	1.5	1.0	1.0	1.0	1.0	2.0
A07-626024	2.0	1.0	1.0	1.0	1.0	2.0
E06161	1.5	1.0	1.0	1.0	1.0	-
E06163	1.5	1.0	1.0	1.0	1.0	1.0
E06164	1.5	1.0	1.0	1.0	1.0	2.0
E06165	2.0	1.0	1.0	1.0	1.0	3.0
E06167	1.0	1.0	1.0	1.0	1.0	1.0
E06240	2.0	1.0	1.0	1.0	1.0	3.0
E06243	1.0	1.0	1.0	1.0	1.0	1.0
E06246	2.0	1.0	1.0	1.0	1.0	2.0
E06372	1.5	1.0	1.0	1.0	1.0	1.0
E06380	2.0	1.0	1.0	1.0	1.0	2.0
E06381	1.5	1.0	1.0	1.0	1.0	2.0
HS6-3664	1.0	1.0	1.0	1.0	1.0	2.0
HS6-3673	1.0	1.0	1.0	1.0	1.0	2.0
HS6-3681	1.0	1.0	1.0	1.0	1.0	3.0
HS6-3724	1.0	1.0	1.0	1.0	1.0	2.0
HS6-3807	1.0	1.0	1.0	1.0	1.0	3.0

PRELIMINARY TEST IIA, 2008

PLANT HEIGHT (inches)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	30	28	32	33	33	29	35
IA1022 (SCN)	28	24	31	30	30	29	30
IA3024	30	27	29	35	34	26	32
A07-527003	31	33	31	36	35	32	34
A07-527004	30	27	32	33	35	29	33
A07-527007	29	26	31	33	32	27	30
A07-527010	29	28	29	32	34	26	31
A07-527020	30	29	31	33	33	27	30
A07-527022	35	32	38	38	40	29	39
A07-527026	29	27	29	32	33	28	30
A07-527035	28	26	28	31	32	26	30
A07-527045	31	33	30	33	34	28	33
A07-626002	30	30	29	32	32	28	33
A07-626004	30	29	28	33	34	26	33
A07-626010	33	29	36	35	35	28	36
A07-626013	32	33	32	35	38	30	35
A07-626020	31	30	31	33	35	28	32
A07-626024	29	27	27	32	32	29	32
E06161	31	26	37	34	35	31	34
E06163	29	26	27	34	33	26	31
E06164	30	21	29	35	31	30	34
E06165	30	28	30	34	33	29	34
E06167	27	23	26	31	30	26	29
E06240	30	28	30	34	31	29	36
E06243	27	23	26	29	27	26	31
E06246	32	27	33	34	35	28	36
E06372	29	23	31	31	32	30	29
E06380	33	31	35	38	39	31	35
E06381	32	31	32	35	37	31	31
HS6-3664	28	25	29	31	31	25	30
HS6-3673	30	27	28	35	33	25	32
HS6-3681	31	32	33	34	33	27	33
HS6-3724	29	29	29	33	30	26	30
HS6-3807	31	29	33	32	34	28	34

PRELIMINARY TEST IIA, 2008

PLANT HEIGHT (inches)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)			19	27	28	36
IA1022 (SCN)			20	31	27	30
IA3024			21	30	31	38
A07-527003			20	26	30	37
A07-527004			20	28	30	37
A07-527007			19	31	28	38
A07-527010			21	25	30	36
A07-527020			20	33	28	35
A07-527022			24	31	34	45
A07-527026			18	32	30	34
A07-527035			20	32	25	33
A07-527045			21	31	31	38
A07-626002			20	26	31	36
A07-626004			19	30	28	36
A07-626010			23	33	33	39
A07-626013			20	30	31	36
A07-626020			22	31	29	34
A07-626024			19	32	29	34
E06161			22	31	31	-
E06163			18	32	29	35
E06164			19	31	28	40
E06165			21	31	29	35
E06167			19	28	26	30
E06240			17	31	28	38
E06243			19	30	28	33
E06246			23	30	31	44
E06372			20	30	30	34
E06380			21	29	35	39
E06381			23	29	30	38
HS6-3664			19	30	30	34
HS6-3673			22	31	30	33
HS6-3681			21	30	30	35
HS6-3724			20	28	29	33
HS6-3807			21	31	31	35

PRELIMINARY TEST IIA, 2008

SEED SIZE (g/100)

Strain	Mean 12 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	14.9	14.0	13.8	13.2	15.1	15.5	13.5
IA1022 (SCN)	14.8	13.4	13.6	13.7	16.5	13.5	13.9
IA3024	15.5	14.7	13.7	15.0	15.9	15.7	14.0
A07-527003	17.9	17.7	16.1	18.6	19.4	18.0	16.3
A07-527004	18.1	16.7	16.7	18.6	19.6	19.5	16.0
A07-527007	15.3	15.1	14.7	15.1	16.9	14.9	14.2
A07-527010	15.3	15.0	14.1	15.9	17.0	15.4	14.2
A07-527020	15.6	15.1	14.4	14.8	16.6	15.8	13.9
A07-527022	14.7	14.8	13.7	14.3	16.3	14.8	13.3
A07-527026	15.6	15.6	14.6	14.7	16.1	16.0	14.5
A07-527035	14.2	14.0	13.0	14.2	16.1	14.6	12.8
A07-527045	13.3	13.2	12.8	13.0	14.4	14.3	12.6
A07-626002	14.2	14.0	13.3	13.9	14.9	15.1	12.3
A07-626004	14.2	14.1	12.6	13.2	14.9	15.2	13.6
A07-626010	16.3	15.7	14.8	16.5	16.2	17.4	14.2
A07-626013	17.6	17.9	15.9	17.7	19.1	17.1	17.3
A07-626020	14.9	15.0	14.3	15.2	15.4	15.9	13.6
A07-626024	14.1	14.4	12.6	12.5	14.3	14.9	13.3
E06161	16.0	16.0	14.5	14.3	16.6	16.2	13.9
E06163	14.6	14.1	13.0	13.6	15.6	14.4	12.7
E06164	14.9	15.1	13.3	13.6	16.0	14.0	14.3
E06165	16.5	16.8	14.9	15.6	18.0	16.3	13.8
E06167	16.7	17.9	14.7	13.7	17.4	17.4	15.1
E06240	15.8	14.9	13.9	14.6	17.2	16.3	14.6
E06243	16.0	14.5	14.0	15.8	18.8	14.5	15.3
E06246	15.2	14.1	14.0	14.4	16.0	16.1	13.6
E06372	14.8	14.5	13.9	14.6	16.0	13.7	13.6
E06380	13.8	13.7	12.6	14.2	14.4	14.2	12.6
E06381	14.1	13.2	12.8	15.4	15.1	14.9	13.0
HS6-3664	16.0	15.7	14.9	17.1	17.3	15.7	14.4
HS6-3673	16.5	16.6	15.1	16.7	17.3	16.5	14.9
HS6-3681	12.7	12.4	11.8	13.8	11.4	13.0	11.8
HS6-3724	14.1	14.2	12.8	13.6	14.4	14.5	13.0
HS6-3807	15.1	15.3	13.7	15.5	15.6	16.0	13.4

PRELIMINARY TEST IIA, 2008

SEED SIZE (g/100)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	17.8	16.1	13.6	15.4	16.1	14.4
IA1022 (SCN)	18.6	16.2	13.4	16.0	14.9	14.2
IA3024	18.5	17.4	13.9	17.8	14.5	15.4
A07-527003	19.9	20.0	15.4	18.2	17.4	17.5
A07-527004	19.7	19.8	16.3	20.8	18.3	15.7
A07-527007	17.7	17.9	13.9	14.6	15.6	13.0
A07-527010	17.9	15.8	13.7	16.9	15.0	12.4
A07-527020	17.5	17.1	14.8	16.3	15.3	15.2
A07-527022	16.6	15.9	13.0	15.1	14.1	14.2
A07-527026	18.1	17.4	14.0	16.9	15.5	14.4
A07-527035	15.6	14.5	13.3	16.1	14.5	11.5
A07-527045	15.0	13.5	12.3	13.7	13.0	11.4
A07-626002	16.2	15.5	13.3	14.6	14.0	12.8
A07-626004	16.6	15.2	13.2	14.8	13.5	13.0
A07-626010	17.8	16.5	19.3	16.7	15.5	14.8
A07-626013	20.1	20.0	14.4	18.8	16.4	16.0
A07-626020	17.0	15.6	12.6	15.8	14.3	13.6
A07-626024	16.3	15.8	13.1	15.6	13.9	13.0
E06161	18.5	17.4	15.3	18.9	16.1	13.8
E06163	16.6	16.4	13.7	16.4	14.4	14.4
E06164	17.5	17.2	13.8	16.3	14.2	13.9
E06165	19.5	18.2	15.9	17.6	16.4	15.1
E06167	20.0	19.8	15.7	17.0	16.5	15.2
E06240	19.2	16.5	13.7	17.1	16.1	14.9
E06243	19.6	18.1	14.0	16.7	16.1	14.6
E06246	17.7	16.5	13.7	16.9	15.3	14.7
E06372	17.8	16.5	12.9	15.7	15.1	13.6
E06380	16.0	15.8	12.7	13.4	13.3	12.5
E06381	16.7	15.7	12.8	14.1	13.1	12.5
HS6-3664	19.1	17.5	13.9	16.1	15.7	14.5
HS6-3673	19.1	18.4	14.3	17.2	15.9	16.3
HS6-3681	14.8	14.6	11.5	13.3	11.9	12.1
HS6-3724	16.1	15.3	12.3	15.2	13.7	13.7
HS6-3807	17.3	16.2	12.9	16.5	13.8	15.0

PRELIMINARY TEST IIA, 2008

SEED QUALITY (score)

Strain	Mean 6 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	1.7			2.0	1.5		
IA1022 (SCN)	1.6			2.0	1.0		
IA3024	1.8			2.0	1.5		
A07-527003	1.8			2.0	1.0		
A07-527004	1.6			1.0	1.5		
A07-527007	1.8			2.0	1.0		
A07-527010	1.8			1.0	1.0		
A07-527020	1.8			2.0	1.5		
A07-527022	1.8			2.0	1.5		
A07-527026	1.4			1.0	1.0		
A07-527035	1.7			2.0	1.0		
A07-527045	1.5			1.0	1.0		
A07-626002	1.8			2.0	1.0		
A07-626004	1.7			1.0	1.0		
A07-626010	2.0			2.0	1.0		
A07-626013	2.2			3.0	1.0		
A07-626020	1.6			1.0	1.0		
A07-626024	1.3			1.0	1.0		
E06161	1.7			2.0	1.0		
E06163	1.8			1.0	1.0		
E06164	1.3			1.0	1.0		
E06165	1.7			1.0	1.0		
E06167	1.6			1.0	1.0		
E06240	1.6			1.0	1.0		
E06243	2.3			1.0	1.5		
E06246	1.6			1.0	1.0		
E06372	1.8			1.0	1.0		
E06380	1.7			1.0	1.0		
E06381	1.8			1.0	1.0		
HS6-3664	1.5			1.0	1.0		
HS6-3673	1.4			1.0	1.0		
HS6-3681	1.5			1.0	1.0		
HS6-3724	1.7			1.0	1.0		
HS6-3807	1.7			1.0	1.0		

PRELIMINARY TEST IIA, 2008

SEED QUALITY (score)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)			1.0	1.5	2.0	2.0
IA1022 (SCN)			1.0	1.5	2.0	2.0
IA3024			2.0	1.5	2.0	2.0
A07-527003			2.0	2.0	2.0	2.0
A07-527004			1.0	2.0	2.0	2.0
A07-527007			2.0	2.0	2.0	2.0
A07-527010			3.0	1.5	2.0	2.0
A07-527020			2.0	2.0	1.5	2.0
A07-527022			1.0	2.0	2.0	2.0
A07-527026			2.0	1.0	1.5	2.0
A07-527035			1.0	2.0	2.0	2.0
A07-527045			1.0	2.0	2.0	2.0
A07-626002			1.0	2.5	1.5	3.0
A07-626004			1.0	2.5	2.5	2.0
A07-626010			2.0	2.0	3.0	2.0
A07-626013			2.0	1.5	2.5	3.0
A07-626020			2.0	2.0	1.5	2.0
A07-626024			1.0	1.5	1.0	2.0
E06161			1.0	2.0	2.0	2.0
E06163			2.0	2.0	2.0	3.0
E06164			1.0	1.0	2.0	2.0
E06165			2.0	2.0	2.0	2.0
E06167			2.0	1.5	2.0	2.0
E06240			2.0	1.5	2.0	2.0
E06243			3.0	2.5	3.0	3.0
E06246			2.0	1.5	2.0	2.0
E06372			2.0	1.5	2.0	3.0
E06380			2.0	2.0	2.0	2.0
E06381			2.0	2.0	3.0	2.0
HS6-3664			1.0	1.5	1.5	3.0
HS6-3673			1.0	1.5	2.0	2.0
HS6-3681			1.0	1.5	1.5	3.0
HS6-3724			2.0	1.0	2.0	3.0
HS6-3807			2.0	2.0	1.0	3.0

PRELIMINARY TEST IIA, 2008

PROTEIN (%)

Strain	Mean 6 Tests	Riphey IA	Urbana IL	Lafayette IN	Ingham County MI	Chatham ONT	Harrow ONT
IA2094 (II)	34.6	34.2	34.3	33.9	35.6	35.0	34.6
IA1022 (SCN)	32.9	32.7	32.9	33.9	32.8	33.8	31.1
IA3024	32.7	31.7	31.8	32.7	32.9	34.3	33.0
A07-527003	35.6	35.3	35.1	35.4	35.3	36.0	36.4
A07-527004	34.9	35.1	33.9	34.8	35.1	36.3	34.4
A07-527007	34.5	34.0	33.7	34.3	36.0	34.4	34.8
A07-527010	34.8	34.0	34.2	34.5	35.3	35.9	35.0
A07-527020	35.2	34.5	36.3	34.2	35.9	35.8	34.5
A07-527022	34.5	33.7	34.7	34.7	34.5	35.7	34.0
A07-527026	35.1	34.8	34.1	35.7	35.8	36.6	33.8
A07-527035	35.1	35.7	33.9	35.6	35.4	35.2	35.0
A07-527045	35.4	35.5	33.6	35.4	35.7	36.6	35.3
A07-626002	34.7	34.5	34.3	34.4	35.1	36.3	33.4
A07-626004	34.3	34.7	32.8	35.1	34.6	35.1	33.3
A07-626010	33.9	33.3	33.5	33.8	34.0	35.2	33.8
A07-626013	35.5	35.8	34.6	34.6	35.9	36.3	35.7
A07-626020	34.9	34.9	33.7	34.4	34.8	35.9	35.4
A07-626024	33.5	33.9	32.6	33.0	34.4	34.6	32.6
E06161	33.8	33.8	32.6	34.5	33.7	35.1	33.3
E06163	33.9	34.4	32.7	34.7	33.7	35.3	32.8
E06164	32.8	33.3	31.5	32.6	32.9	34.0	32.5
E06165	33.9	33.7	33.7	33.4	34.9	35.0	32.8
E06167	34.4	34.2	33.6	33.9	35.9	35.3	33.4
E06240	33.9	33.8	33.2	33.2	34.8	35.1	33.7
E06243	35.1	35.7	34.6	33.7	35.5	36.1	35.2
E06246	35.2	35.3	34.0	34.4	36.1	36.7	35.0
E06372	34.3	34.3	33.5	33.0	35.2	35.8	33.7
E06380	33.4	32.6	32.4	32.8	33.4	35.4	33.6
E06381	34.0	33.9	33.5	33.9	33.5	35.4	33.5
HS6-3664	34.5	34.4	34.0	34.3	35.1	35.0	34.2
HS6-3673	34.4	34.6	33.5	35.2	33.7	34.8	34.5
HS6-3681	34.0	33.7	32.6	33.4	33.4	35.5	35.3
HS6-3724	33.8	33.1	33.6	33.7	34.6	34.6	33.1
HS6-3807	35.5	35.2	35.5	35.2	35.1	36.9	35.0

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST IIA, 2008

OIL (%)

Strain	Mean 6 Tests	Ripsey IA	Urbana IL	Lafayette IN	Ingham County MI	Chatham ONT	Harrow ONT
IA2094 (II)	18.7	18.2	18.7	19.0	18.0	18.8	19.6
IA1022 (SCN)	20.3	19.6	20.2	19.9	20.1	20.2	21.6
IA3024	19.1	19.1	19.9	18.7	18.5	18.5	19.8
A07-527003	18.2	17.9	19.0	18.0	18.5	17.9	17.9
A07-527004	18.5	18.3	19.2	18.4	18.0	17.6	19.2
A07-527007	19.3	19.3	19.8	19.6	18.4	19.3	19.6
A07-527010	18.9	18.5	19.3	19.0	18.6	18.5	19.7
A07-527020	18.7	18.3	18.8	19.1	18.4	18.4	19.1
A07-527022	18.7	18.8	19.1	18.7	18.6	18.0	19.2
A07-527026	19.0	19.0	19.5	18.7	18.6	18.2	19.9
A07-527035	18.3	18.0	18.9	18.4	17.7	18.1	18.6
A07-527045	18.0	17.7	18.6	18.6	18.6	16.5	17.7
A07-626002	18.6	17.5	19.3	18.7	18.5	17.6	20.0
A07-626004	18.7	18.3	19.3	18.7	18.0	18.4	19.7
A07-626010	18.9	18.8	19.0	18.8	18.6	18.6	19.7
A07-626013	18.4	18.5	19.2	18.4	18.0	17.7	18.6
A07-626020	18.7	18.9	19.1	18.4	18.3	18.3	19.0
A07-626024	19.2	17.9	19.9	19.3	19.0	19.1	20.1
E06161	18.7	18.0	18.8	18.6	18.0	18.8	19.9
E06163	19.0	17.8	19.4	18.6	19.1	19.1	20.2
E06164	19.5	18.4	20.1	19.4	19.1	19.5	20.7
E06165	19.6	19.2	19.8	19.4	18.8	19.7	20.6
E06167	19.6	19.0	19.9	19.6	18.6	19.7	20.9
E06240	19.2	18.6	19.2	19.5	18.6	19.2	20.3
E06243	18.2	17.3	18.3	18.5	17.2	18.6	19.5
E06246	17.8	17.6	18.4	17.9	17.3	17.2	18.5
E06372	19.0	18.8	18.9	19.4	17.7	19.0	20.2
E06380	19.2	18.8	19.5	19.0	18.9	18.9	19.9
E06381	18.8	18.1	19.0	18.7	18.9	18.4	20.0
HS6-3664	18.4	18.1	18.7	18.7	17.8	18.1	19.1
HS6-3673	18.7	18.1	19.3	18.8	18.6	18.4	18.8
HS6-3681	18.3	18.5	18.9	18.2	18.3	17.7	18.4
HS6-3724	19.2	19.1	19.5	18.9	18.5	18.9	20.2
HS6-3807	18.2	17.7	19.3	18.3	17.9	17.2	18.8

Preliminary Test IIB, 2008

Ent.	Strain	Parentage	Seed Source	Gen. Comp.	Unique Traits
1.	IA2094 (II)	AgriPro X0121B74 x A00-711036	Fehr	F4	
2.	IA1022 (SCN)	Dairyland 98822 x A00-711024	Fehr	F5	SCN
3.	IA3024	A97-553017 x Pioneer YB33A99	Fehr		1% linolenic
4.	AR06-264007	Loda x S10-F2	Cianzio	F4	Chlor
5.	AR06-264020	G03-3 x Ag03-1	Cianzio	F3	
6.	AR07-276022	AR02-101001 x Soy04-11	Cianzio	F4	BSR
7.	AR07-276048	G03-1 x Ag03-6	Cianzio	F4	
8.	AR07-276066	G03-1 x Ag03-1	Cianzio	F4	
9.	AR07-276089	G03-1 x Ag03-3	Cianzio	F4	
10.	ORC 0704	OAC Kent x PS73	Ablett	F5	
11.	ORC 0705	OAC Kent x IA 1008	Ablett	F5	
12.	ORC 0706	PRO 30-05 x OAC Kent	Ablett	F5	
13.	SD05-240	A00-711063 x SD98-595	Scott	F5	
14.	SD05-248	A00-711063 x SD98-595	Scott	F5	
15.	SD05-255	A00-711063 x SD98-595	Scott	F5	
16.	SD05-273	A00-711063 x SD98-595	Scott	F5	
17.	SD05-274	A00-711063 x SD98-595	Scott	F5	
18.	SD05-775	A02-381008-891 x (SD98-76192 x N98-4445A)	Scott	F5	
19.	SD05-795	A02-381100-1539 x (SD98-76342 x N98-4445A)	Scott	F5	
20.	SD05-807	A02-381100-1539 x (SD98-76342 x N98-4445A)	Scott	F5	
21.	SD05-830	(SD98-76342 x N98-4445A) x A02-381100-153	Scott	F5	
22.	U05-706005	UP2YC3S3:4	Graef	F3	
23.	U05-710003	UP2YC3S3:4	Graef	F3	
24.	U05-710023	UP2YC3S3:4	Graef	F3	
25.	U05-712029	UP2YC3S3:4	Graef	F3	
26.	U05-719005	UP2YC3S3:4	Graef	F3	
27.	U05-723009	UP2YC3S3:4	Graef	F3	
28.	U05-727026	UP2YC3S3:4	Graef	F3	
29.	U05-732006	UP2YC3S3:4	Graef	F3	
30.	U05-734013	UP2YC3S3:4	Graef	F3	
31.	U05-738004	UP2YC3S3:4	Graef	F3	
32.	U05-738007	UP2YC3S3:4	Graef	F3	
33.	U05-739010	UP2YC3S3:4	Graef	F3	
34.	U05-740009	UP2YC3S3:4	Graef	F3	
35.	U05-741019	UP2YC3S3:4	Graef	F3	
36.	U05-747009	UP2YC3S3:4	Graef	F3	

PRELIMINARY TEST IIB, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		FE
		Score	Score	Score	Lafayette		Laf.
		Humboldt IA	Harrow ONT	Manhattan KS	Race 4	Race 7	a rx.
IA2094 (II)	PTTSYYI	3.9	1.0	1.0	S	S	S
IA1022 (SCN)	PGTIYYI	3.4	1.0	1.0	S	S	S
IA3024	PGTDYIbI	3.1	1.0	1.0	R*	R*	S
AR06-264007	PLtTTDYBII	3.6	1.0	1.0	S	R*	S
AR06-264020	PGBDYBfI	3.1	1.0	1.0	S	S	S
AR07-276022	WTBDYBr+BII	3.6	1.0	1.0	R*	R*	S
AR07-276048	PGTDYIbI	3.6	1.0	1.0	R*	R*	S
AR07-276066	PT+GTDYIb+BfI	3.4	1.0	1.0	R*	R*	S
AR07-276089	PGTDYIbI	3.1	1.0	1.0	R*	R*	S
ORC 0704	PGBDYIYI	3.8	1.0	1.0	R*	S	-
ORC 0705	WGBDYIYI	3.6	1.0	1.0	S	S	S
ORC 0706	PGBDYIYI	3.8	1.0	1.0	R*	S	S
SD05-240	PGTDYBfI	3.4	1.0	1.0	R*	R*	S
SD05-248	P+WGTDYIb+BfI	3.3	1.0	1.0	S	S	S
SD05-255	PFTDYBfI	3.5	1.0	1.0	H*	S	S
SD05-273	PTBDYBII	3.6	1.0	1.0	S	S	S
SD05-274	P+WGBDYBfI	3.9	1.0	2.0	R*	R*	S
SD05-775	PGBDYIbI	3.1	1.0	2.0	R*	R*	S
SD05-795	PTB+TDYBrI	3.3	1.0	1.0	R*	R*	-
SD05-807	PTBDYIYI	3.4	1.0	1.0	R*	R*	-
SD05-830	PGBDYIbI	3.4	1.0	2.0	R*	R*	S
U05-706005	PLtTB+TDYBII	3.9	1.0	1.0	S	S	S
U05-710003	WGBDYBfI	4.5	1.0	1.0	S	S	S
U05-710023	PLtTBDYBII	4.0	1.0	1.0	S	S	S
U05-712029	PTBDYBII	3.9	1.0	1.0	S	S	S
U05-719005	PLtTBDYBII	4.0	1.0	1.0	S	S	S
U05-723009	PLtTBDYBII	4.1	1.0	1.0	S	S	S
U05-727026	PLtTBDYBII	3.9	1.0	1.0	S	S	S
U05-732006	P+WLTBDYBI+IbI	3.8	1.0	1.0	S	S	S
U05-734013	P+WGBDYBf+IbI	3.6	1.0	1.0	S	S	S
U05-738004	WGBDYBfI	3.5	1.0	1.0	S	S	S
U05-738007	PLtTBDYBII	4.0	1.0	1.0	S	S	S
U05-739010	PLtTBDYBII	3.5	1.0	1.0	S	S	S
U05-740009	P+WLTBDYBI+IbI	3.8	1.0	1.0	S	S	S
U05-741019	P+WBDYIbI	3.6	1.0	1.0	R*	R*	S
U05-747009	PGBDYIbI	3.3	1.0	1.0	S	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST IIB, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	11 bu/a	11 No.	10 Date	11 Score	10 Height In.	12 Size g/100	6 Quality Score	6 Protein %	6 Oil %
IA2094 (II)	57.5	9	9/19	1.3	30	15.0	2.1	35.5	18.7
IA1022 (SCN)	54.9	17	-4.1	1.2	28	14.5	1.7	33.0	20.3
IA3024	59.8	2	6.4	1.1	30	15.0	1.8	32.8	19.1
AR06-264007	54.5	22	1.0	1.1	30	15.9	1.4	36.2	17.7
AR06-264020	59.7	3	5.6	1.2	29	16.0	1.8	34.2	18.7
AR07-276022	61.0	1	4.1	1.0	27	14.1	1.7	34.6	18.1
AR07-276048	57.6	7	0.6	1.1	29	14.2	1.3	35.1	18.8
AR07-276066	55.9	13	-0.1	1.0	29	16.1	1.8	35.1	18.8
AR07-276089	57.7	6	-1.2	1.2	27	16.9	1.8	32.8	20.0
ORC 0704	48.0	32	-5.6	1.0	29	17.5	2.0	35.5	18.9
ORC 0705	49.9	30	-2.7	1.5	34	16.2	1.8	35.3	18.5
ORC 0706	49.0	31	-1.6	1.0	29	17.8	2.0	36.1	18.0
SD05-240	54.8	19	-5.4	1.4	29	14.9	1.4	34.1	18.8
SD05-248	54.1	24	1.1	1.4	30	15.1	1.8	34.5	18.7
SD05-255	53.9	25	3.8	1.8	31	14.6	1.7	32.8	19.3
SD05-273	53.5	26	1.2	1.1	32	15.6	1.6	34.0	18.9
SD05-274	51.2	29	-3.0	1.6	30	15.0	1.9	33.8	19.4
SD05-775	38.8	36	-9.5	1.4	25	13.2	2.0	37.5	18.0
SD05-795	45.0	34	-2.0	1.1	30	16.5	1.8	39.3	16.1
SD05-807	47.0	33	-1.9	1.1	30	15.2	1.8	39.0	16.4
SD05-830	40.3	35	-8.8	1.0	25	13.5	2.0	37.2	17.4
U05-706005	52.7	28	1.7	1.0	34	13.2	1.8	34.8	17.8
U05-710003	54.6	21	5.0	1.2	31	13.9	2.3	34.8	18.9
U05-710023	58.1	4	8.8	1.3	34	15.0	1.8	35.2	17.8
U05-712029	56.4	12	7.9	1.3	34	14.6	2.1	34.3	18.3
U05-719005	58.1	4	3.1	1.0	33	14.3	1.6	34.6	17.9
U05-723009	55.8	14	4.3	1.2	31	14.7	1.8	34.7	18.6
U05-727026	52.8	27	10.4	1.5	34	15.0	2.1	34.6	18.5
U05-732006	55.2	16	2.7	1.3	33	13.3	2.0	33.7	18.7
U05-734013	57.6	7	4.8	1.1	33	12.7	1.8	33.2	18.8
U05-738004	57.3	10	5.0	1.1	32	12.8	1.3	33.3	19.1
U05-738007	54.9	17	3.1	1.1	31	13.3	1.6	33.9	18.5
U05-739010	54.2	23	3.4	1.2	31	15.7	1.8	35.2	18.5
U05-740009	56.7	11	5.0	1.2	33	13.0	2.1	33.5	18.9
U05-741019	54.8	19	6.0	1.1	35	13.6	2.0	34.6	18.3
U05-747009	55.8	14	8.9	1.3	34	14.0	2.1	34.5	17.9

121.3 Days After Planting

PRELIMINARY TEST IIB, 2008

YIELD (bu/a)

Strain	Mean	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham*	Beermer NE
	11 Tests					County MI	
IA2094 (II)	57.5	44.7	51.1	40.1	61.1	34.8	67.0
IA1022 (SCN)	54.9	33.2	51.3	34.9	61.3	33.4	55.7
IA3024	59.8	33.9	52.7	41.8	58.1	33.4	68.9
AR06-264007	54.5	40.4	50.5	35.4	56.5	25.6	67.0
AR06-264020	59.7	50.2	47.2	45.0	61.6	37.2	70.4
AR07-276022	61.0	49.8	51.5	47.9	60.3	30.4	73.0
AR07-276048	57.6	43.3	43.7	36.1	61.5	39.5	66.4
AR07-276066	55.9	46.5	39.7	33.2	59.0	28.8	67.6
AR07-276089	57.7	43.8	44.4	37.7	67.0	37.8	67.4
ORC 0704	48.0	32.4	41.3	30.6	48.0	32.8	53.6
ORC 0705	49.9	25.7	45.1	31.5	54.7	39.6	60.4
ORC 0706	49.0	19.3	41.6	28.8	50.5	29.8	60.3
SD05-240	54.8	37.6	44.4	38.8	54.2	33.5	59.0
SD05-248	54.1	38.7	44.8	37.3	58.1	26.7	58.9
SD05-255	53.9	36.7	46.8	35.7	53.6	32.8	61.0
SD05-273	53.5	44.9	41.5	35.4	52.8	31.5	63.6
SD05-274	51.2	37.9	41.9	31.1	50.5	37.3	64.9
SD05-775	38.8	18.2	36.2	23.9	34.6	25.6	49.5
SD05-795	45.0	34.0	33.0	28.6	47.0	28.7	52.1
SD05-807	47.0	32.6	39.0	32.1	52.9	23.3	56.6
SD05-830	40.3	27.4	27.8	21.8	35.3	22.3	47.1
U05-706005	52.7	35.5	46.4	35.5	51.8	29.8	66.2
U05-710003	54.6	33.7	44.0	37.7	57.8	31.8	63.5
U05-710023	58.1	44.6	50.1	48.6	53.2	38.4	68.2
U05-712029	56.4	40.2	47.4	45.0	61.8	39.3	69.9
U05-719005	58.1	42.6	46.5	41.8	65.9	32.9	68.1
U05-723009	55.8	34.9	42.4	41.1	58.8	35.0	66.9
U05-727026	52.8	39.6	41.8	38.9	56.9	37.3	63.4
U05-732006	55.2	34.5	48.6	39.4	58.7	36.0	64.0
U05-734013	57.6	47.3	54.7	42.6	61.8	39.2	63.7
U05-738004	57.3	47.3	50.5	43.9	54.2	39.7	65.5
U05-738007	54.9	37.2	46.0	37.3	56.4	32.8	64.6
U05-739010	54.2	36.9	42.4	38.2	56.4	30.4	69.5
U05-740009	56.7	32.5	46.2	42.7	59.1	39.8	65.2
U05-741019	54.8	37.9	43.3	42.7	60.3	31.5	67.6
U05-747009	55.8	42.0	44.1	45.8	56.9	44.0	67.0
Location Mean		37.7	44.7	37.5	55.8	33.4	63.4
C.V. (%)		13.0	9.2	9.7	7.0	16.2	5.2
L.S.D. (5%)		9.9	8.3	7.4	7.9	9.1	8.1
Row Sp. (In.)		27	27	30	30	15	30
Rows/Plot		4	4	4	4	6	4
Reps		2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST IIB, 2008

YIELD (bu/a)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	84.4	87.8	29.2	69.6	54.3	42.8
IA1022 (SCN)	77.7	85.3	36.8	68.6	54.8	44.4
IA3024	85.9	108.9	35.7	78.7	51.8	41.1
AR06-264007	79.7	89.8	30.5	68.6	41.7	39.4
AR06-264020	86.2	112.4	30.7	68.4	44.6	39.9
AR07-276022	83.0	100.1	34.1	73.9	52.6	44.9
AR07-276048	80.3	101.3	34.3	78.2	48.7	40.2
AR07-276066	74.7	92.9	36.7	77.2	47.7	39.7
AR07-276089	76.9	100.3	29.1	74.4	48.0	45.8
ORC 0704	55.5	75.3	34.5	69.3	46.1	41.0
ORC 0705	59.1	85.4	34.0	67.4	46.1	39.8
ORC 0706	68.4	85.5	32.6	70.5	43.9	37.2
SD05-240	74.8	95.6	37.0	67.6	52.6	41.6
SD05-248	74.7	93.1	34.9	68.3	47.4	38.7
SD05-255	75.2	100.0	29.4	65.3	48.9	40.8
SD05-273	71.1	95.9	28.4	67.9	50.9	36.3
SD05-274	58.0	94.0	28.7	68.7	42.7	44.9
SD05-775	46.6	70.9	19.6	53.3	37.6	36.3
SD05-795	62.0	77.2	31.5	59.1	37.5	32.7
SD05-807	66.4	78.4	28.7	59.1	39.3	32.0
SD05-830	61.0	67.5	26.0	49.6	43.6	36.1
U05-706005	70.1	89.3	33.0	65.9	45.3	41.0
U05-710003	74.3	96.6	42.1	65.2	47.2	38.8
U05-710023	72.1	104.2	36.5	74.4	46.3	41.3
U05-712029	64.1	97.5	36.4	69.1	51.4	38.0
U05-719005	83.3	93.3	34.6	73.6	50.0	39.5
U05-723009	69.1	98.0	38.6	71.2	52.6	39.8
U05-727026	67.5	97.9	33.7	63.9	41.4	35.6
U05-732006	75.3	89.8	36.3	70.1	50.2	40.1
U05-734013	74.6	93.1	39.4	71.8	44.8	39.6
U05-738004	71.2	99.4	44.3	66.7	47.4	40.0
U05-738007	72.1	93.4	37.0	64.6	52.3	42.7
U05-739010	64.5	93.1	34.7	67.8	53.4	39.2
U05-740009	81.5	99.5	38.3	66.6	52.7	38.9
U05-741019	77.5	90.8	34.5	68.2	44.4	36.0
U05-747009	75.0	93.4	38.2	59.3	52.6	39.0
Location Mean	72.1	92.4	33.9	67.8	47.6	39.6
C.V. (%)	6.8	4.2	9.8	6.1	6.8	7.5
L.S.D. (5%)	12.1	9.7	6.7	7.0	5.5	6.4
Row Sp. (In.)	30	30	7.5	17	17	30
Rows/Plot	4	4	8	5	5	4
Reps	2	2	2	2	2	2

PRELIMINARY TEST IIB, 2008

YIELD RANK

Strain	Yield Rank	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	9	7	5	13	8	15	11
IA1022 (SCN)	17	29	4	27	7	17	32
IA3024	2	27	2	10	15	18	5
AR06-264007	22	13	6	25	20	33	11
AR06-264020	3	1	11	4	5	12	2
AR07-276022	1	2	3	2	9	26	1
AR07-276048	7	10	23	22	6	5	15
AR07-276066	13	5	32	28	12	30	8
AR07-276089	6	9	19	18	1	9	10
ORC 0704	32	32	31	32	33	20	33
ORC 0705	30	34	17	30	23	4	27
ORC 0706	31	35	29	33	31	28	28
SD05-240	19	19	19	16	24	16	29
SD05-248	24	16	18	20	15	32	30
SD05-255	25	22	12	23	26	21	26
SD05-273	26	6	30	26	29	24	23
SD05-274	29	17	27	31	32	10	19
SD05-775	36	36	34	35	36	34	35
SD05-795	34	26	35	34	34	31	34
SD05-807	33	30	33	29	28	35	31
SD05-830	35	33	36	36	35	36	36
U05-706005	28	23	14	24	30	29	16
U05-710003	21	28	22	18	17	23	24
U05-710023	4	8	8	1	27	8	6
U05-712029	12	14	10	4	3	6	3
U05-719005	4	11	13	11	2	19	7
U05-723009	14	24	25	12	13	14	14
U05-727026	27	15	28	15	19	11	25
U05-732006	16	25	9	14	14	13	21
U05-734013	7	3	1	9	3	7	22
U05-738004	10	3	6	6	24	3	17
U05-738007	17	20	16	20	21	22	20
U05-739010	23	21	25	17	21	27	4
U05-740009	11	31	15	7	11	2	18
U05-741019	19	17	24	7	9	25	8
U05-747009	14	12	21	3	18	1	11

PRELIMINARY TEST IIB, 2008

YIELD RANK

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	3	28	30	12	2	5
IA1022 (SCN)	9	31	9	17	1	4
IA3024	2	2	14	1	10	9
AR06-264007	8	25	28	16	32	22
AR06-264020	1	1	27	18	27	16
AR07-276022	5	6	21	6	7	2
AR07-276048	7	4	20	2	16	13
AR07-276066	16	23	10	3	18	19
AR07-276089	11	5	31	5	17	1
ORC 0704	35	34	18	13	23	10
ORC 0705	33	30	22	24	24	17
ORC 0706	26	29	25	10	29	29
SD05-240	15	15	7	23	5	7
SD05-248	16	20	15	19	19	27
SD05-255	13	7	29	28	15	12
SD05-273	23	14	34	21	12	30
SD05-274	34	16	32	15	31	2
SD05-775	36	35	36	35	35	30
SD05-795	31	33	26	33	36	35
SD05-807	28	32	32	34	34	36
SD05-830	32	36	35	36	30	32
U05-706005	24	27	24	27	25	10
U05-710003	19	13	2	29	21	26
U05-710023	20	3	11	4	22	8
U05-712029	30	12	12	14	11	28
U05-719005	4	19	17	7	14	21
U05-723009	25	10	4	9	6	17
U05-727026	27	11	23	31	33	34
U05-732006	12	25	13	11	13	14
U05-734013	18	20	3	8	26	20
U05-738004	22	9	1	25	20	15
U05-738007	20	17	7	30	9	6
U05-739010	29	20	16	22	3	23
U05-740009	6	8	5	26	4	25
U05-741019	10	24	18	20	28	33
U05-747009	14	17	6	32	8	24

PRELIMINARY TEST IIB, 2008

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	9/19	9/24		9/8	9/16	9/17	9/19
IA1022 (SCN)	-4.1	-6		-4	-8	-9	-3
IA3024	6.4	5		8	4	5	5
AR06-264007	1.0	4		3	1	-2	0
AR06-264020	5.6	5		5	4	5	5
AR07-276022	4.1	3		8	3	1	5
AR07-276048	0.6	2		-1	-2	1	-1
AR07-276066	-0.1	1		-3	-1	-1	0
AR07-276089	-1.2	0		-3	-1	-5	1
ORC 0704	-5.6	-5		-7	-7	-5	-5
ORC 0705	-2.7	-5		-4	-7	-5	-3
ORC 0706	-1.6	0		-3	-8	-3	0
SD05-240	-5.4	-6		-7	-6	-8	-6
SD05-248	1.1	1		0	1	1	3
SD05-255	3.8	5		8	3	1	4
SD05-273	1.2	0		4	-2	-2	1
SD05-274	-3.0	-2		-6	-7	-3	1
SD05-775	-9.5	-14		-8	-8	-9	-16
SD05-795	-2.0	-1		-1	-2	-4	-1
SD05-807	-1.9	-1		-5	0	-3	0
SD05-830	-8.8	-11		-9	-8	-9	-9
U05-706005	1.7	1		-1	2	-1	3
U05-710003	5.0	5		4	3	6	5
U05-710023	8.8	8		16	5	13	6
U05-712029	7.9	7		14	5	13	6
U05-719005	3.1	4		6	4	2	1
U05-723009	4.3	3		5	3	6	4
U05-727026	10.4	10		15	10	13	10
U05-732006	2.7	3		5	3	3	1
U05-734013	4.8	5		7	3	9	5
U05-738004	5.0	3		6	2	6	4
U05-738007	3.1	2		2	1	2	1
U05-739010	3.4	2		4	3	4	2
U05-740009	5.0	9		8	3	4	5
U05-741019	6.0	5		7	5	6	5
U05-747009	8.9	4		15	9	13	9
Date Planted	5/21	5/6	5/15	5/19	5/22	5/23	5/15
Days to Mature	121	141		112	117	117	127

PRELIMINARY TEST IIB, 2008

MATURITY (date)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	10/3		9/12	9/22	9/22	9/23
IA1022 (SCN)	-6		3	-3	-6	1
IA3024	5		5	9	6	12
AR06-264007	-1		-2	4	0	3
AR06-264020	5		2	10	4	11
AR07-276022	1		6	5	6	3
AR07-276048	3		2	1	0	1
AR07-276066	1		1	1	-4	5
AR07-276089	5		-2	-1	-6	0
ORC 0704	-10		-5	-4	-7	-1
ORC 0705	5		0	-3	-4	-1
ORC 0706	-2		1	-2	-4	5
SD05-240	-7		-5	-3	-7	1
SD05-248	-3		2	-1	3	4
SD05-255	1		2	6	3	5
SD05-273	5		2	-1	2	3
SD05-274	-3		-1	-3	-5	-1
SD05-775	-13		-5	-7	-14	-1
SD05-795	-8		-2	0	-5	4
SD05-807	-6		2	-2	-6	2
SD05-830	-12		-5	-9	-10	-6
U05-706005	-5		0	5	1	12
U05-710003	0		4	7	6	10
U05-710023	-1		6	12	10	13
U05-712029	-2		3	12	10	11
U05-719005	-2		2	5	4	5
U05-723009	-3		3	6	5	11
U05-727026	-1		11	15	10	11
U05-732006	-2		2	5	4	3
U05-734013	-1		4	6	5	5
U05-738004	-1		8	5	5	12
U05-738007	-2		3	5	6	11
U05-739010	-1		4	6	5	5
U05-740009	-2		4	8	6	5
U05-741019	-2		4	11	6	13
U05-747009	0		8	12	9	10
Date Planted	6/10		5/25	5/28	5/28	5/12
Days to Mature	115		110	117	117	134

PRELIMINARY TEST IIB, 2008

LODGING (score)

Strain	Mean 11 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	1.3	2.0	1.5	1.0	1.5	1.5	
IA1022 (SCN)	1.2	1.5	1.5	1.3	1.0	1.0	
IA3024	1.1	1.0	1.3	1.0	1.0	1.0	
AR06-264007	1.1	1.3	1.0	1.3	1.0	1.0	
AR06-264020	1.2	1.8	1.5	1.0	1.0	1.0	
AR07-276022	1.0	1.0	1.0	1.0	1.0	1.0	
AR07-276048	1.1	1.3	1.0	1.3	1.0	1.0	
AR07-276066	1.0	1.5	1.0	1.0	1.0	1.0	
AR07-276089	1.2	2.0	1.5	1.5	1.0	1.0	
ORC 0704	1.0	1.0	1.3	1.0	1.0	1.0	
ORC 0705	1.5	2.5	2.8	1.3	1.8	1.0	
ORC 0706	1.0	1.0	1.3	1.0	1.0	1.0	
SD05-240	1.4	1.8	2.0	1.5	1.5	1.0	
SD05-248	1.4	2.3	1.8	1.3	1.5	1.0	
SD05-255	1.8	2.8	2.5	1.5	2.0	1.5	
SD05-273	1.1	1.3	1.0	1.0	1.3	1.0	
SD05-274	1.6	2.5	2.0	1.3	1.8	1.0	
SD05-775	1.4	1.8	2.0	1.0	1.5	1.0	
SD05-795	1.1	1.0	1.3	1.0	1.0	1.0	
SD05-807	1.1	1.3	1.3	1.0	1.0	1.0	
SD05-830	1.0	1.0	1.0	1.0	1.0	1.0	
U05-706005	1.0	1.3	1.0	1.0	1.0	1.0	
U05-710003	1.2	1.5	1.5	1.0	1.0	1.5	
U05-710023	1.3	1.8	1.3	1.5	1.0	1.0	
U05-712029	1.3	1.8	1.0	1.0	1.0	1.5	
U05-719005	1.0	1.5	1.0	1.0	1.0	1.0	
U05-723009	1.2	1.5	1.0	1.0	1.0	1.5	
U05-727026	1.5	2.5	1.0	1.5	1.0	1.5	
U05-732006	1.3	1.3	1.3	1.3	1.0	1.0	
U05-734013	1.1	1.5	1.3	1.0	1.0	1.5	
U05-738004	1.1	1.5	1.3	1.3	1.0	1.5	
U05-738007	1.1	1.5	1.0	1.0	1.0	1.0	
U05-739010	1.2	2.0	1.5	1.0	1.0	1.0	
U05-740009	1.2	2.5	1.3	1.0	1.0	1.0	
U05-741019	1.1	1.0	1.0	1.0	1.0	1.0	
U05-747009	1.3	1.5	1.0	1.5	1.0	1.0	

PRELIMINARY TEST IIB, 2008

LODGING (score)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	1.5	1.0	1.0	1.0	1.0	1.0
IA1022 (SCN)	2.0	1.0	1.0	1.0	1.0	1.0
IA3024	1.5	1.0	1.0	1.0	1.0	1.0
AR06-264007	1.0	1.0	1.0	1.0	1.0	2.0
AR06-264020	1.0	1.0	1.0	1.0	1.0	2.0
AR07-276022	1.0	1.0	1.0	1.0	1.0	1.0
AR07-276048	1.0	1.0	1.0	1.0	1.0	1.0
AR07-276066	1.0	1.0	1.0	1.0	1.0	1.0
AR07-276089	1.0	1.0	1.0	1.0	1.0	1.0
ORC 0704	1.0	1.0	1.0	1.0	1.0	1.0
ORC 0705	2.0	1.0	1.0	1.0	1.0	1.0
ORC 0706	1.0	1.0	1.0	1.0	1.0	1.0
SD05-240	2.0	1.0	1.0	1.0	1.0	2.0
SD05-248	1.0	1.0	1.0	1.0	1.0	2.0
SD05-255	2.0	2.0	1.0	1.5	1.0	2.0
SD05-273	2.0	1.0	1.0	1.0	1.0	1.0
SD05-274	1.5	1.0	1.0	1.0	1.0	3.0
SD05-775	2.0	1.0	1.0	1.0	1.0	2.0
SD05-795	1.0	1.0	1.0	1.0	1.0	2.0
SD05-807	2.0	1.0	1.0	1.0	1.0	1.0
SD05-830	1.0	1.0	1.0	1.0	1.0	1.0
U05-706005	1.0	1.0	1.0	1.0	1.0	1.0
U05-710003	1.0	1.0	1.0	1.0	1.0	2.0
U05-710023	1.0	1.0	1.0	1.0	1.0	3.0
U05-712029	1.0	1.0	1.0	1.5	1.0	2.0
U05-719005	1.0	1.0	1.0	1.0	1.0	1.0
U05-723009	1.0	1.0	1.0	1.0	1.0	2.0
U05-727026	1.5	1.0	1.0	2.0	1.0	2.0
U05-732006	1.5	1.0	1.0	1.5	1.0	2.0
U05-734013	1.0	1.0	1.0	1.0	1.0	1.0
U05-738004	1.0	1.0	1.0	1.0	1.0	1.0
U05-738007	1.0	1.0	1.0	1.0	1.0	2.0
U05-739010	1.0	1.0	1.0	1.0	1.0	2.0
U05-740009	1.0	1.0	1.0	1.0	1.0	1.0
U05-741019	1.0	1.0	1.0	1.0	1.0	2.0
U05-747009	1.5	1.0	1.0	1.5	1.0	2.0

PRELIMINARY TEST IIB, 2008

PLANT HEIGHT (inches)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	30	28	32	28	32	26	33
IA1022 (SCN)	28	24	31	26	31	25	30
IA3024	30	27	29	30	27	28	34
AR06-264007	30	32	34	28	33	25	34
AR06-264020	29	29	28	30	32	26	32
AR07-276022	27	26	27	29	30	22	29
AR07-276048	29	31	30	27	30	27	31
AR07-276066	29	31	29	28	31	25	32
AR07-276089	27	26	30	27	29	27	30
ORC 0704	29	23	27	27	30	29	31
ORC 0705	34	32	38	33	33	34	35
ORC 0706	29	20	30	28	30	28	31
SD05-240	29	27	28	27	31	28	32
SD05-248	30	32	32	29	33	22	31
SD05-255	31	31	30	31	34	31	33
SD05-273	32	30	33	29	34	30	35
SD05-274	30	30	30	27	30	28	34
SD05-775	25	21	26	22	25	26	28
SD05-795	30	28	32	29	33	26	31
SD05-807	30	30	34	29	34	25	33
SD05-830	25	25	23	23	26	22	26
U05-706005	34	32	34	34	34	28	38
U05-710003	31	29	31	29	33	29	34
U05-710023	34	33	35	33	37	27	38
U05-712029	34	32	35	34	36	34	39
U05-719005	33	31	31	31	36	31	34
U05-723009	31	27	27	31	35	30	36
U05-727026	34	33	32	33	39	29	38
U05-732006	33	30	34	32	37	30	37
U05-734013	33	32	35	33	36	32	35
U05-738004	32	30	34	30	36	30	36
U05-738007	31	29	33	31	35	27	36
U05-739010	31	27	34	30	33	25	36
U05-740009	33	34	36	32	35	30	34
U05-741019	35	35	34	34	38	30	39
U05-747009	34	32	31	33	37	33	39

PRELIMINARY TEST IIB, 2008

PLANT HEIGHT (inches)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)			20	33	31	35
IA1022 (SCN)			22	27	31	34
IA3024			22	31	32	38
AR06-264007			21	28	29	34
AR06-264020			18	29	32	37
AR07-276022			18	27	28	32
AR07-276048			21	29	29	33
AR07-276066			21	30	29	35
AR07-276089			17	27	26	33
ORC 0704			23	31	31	36
ORC 0705			23	31	38	38
ORC 0706			20	30	34	37
SD05-240			20	28	32	36
SD05-248			20	27	32	37
SD05-255			20	31	36	36
SD05-273			24	30	35	37
SD05-274			18	29	36	37
SD05-775			16	28	29	29
SD05-795			21	33	30	34
SD05-807			22	34	30	31
SD05-830			17	23	29	31
U05-706005			24	33	38	43
U05-710003			22	29	36	37
U05-710023			24	38	36	40
U05-712029			25	34	37	39
U05-719005			23	32	38	40
U05-723009			22	31	33	38
U05-727026			25	37	35	40
U05-732006			22	29	37	41
U05-734013			24	32	31	36
U05-738004			24	31	35	36
U05-738007			22	30	32	39
U05-739010			23	33	35	36
U05-740009			22	33	37	37
U05-741019			22	35	38	40
U05-747009			24	33	41	41

PRELIMINARY TEST IIB, 2008

SEED SIZE (g/100)

Strain	Mean 12 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	15.0	14.0	13.8	13.3	15.7	15.4	13.2
IA1022 (SCN)	14.5	13.4	13.6	13.1	15.6	12.8	13.4
IA3024	15.0	14.7	13.7	13.1	15.4	15.6	14.2
AR06-264007	15.9	16.3	15.6	13.4	18.5	14.4	15.1
AR06-264020	16.0	15.7	14.5	13.4	17.2	16.7	15.8
AR07-276022	14.1	13.2	12.6	13.4	14.4	14.5	12.5
AR07-276048	14.2	13.8	12.7	11.4	15.2	14.3	13.6
AR07-276066	16.1	16.1	14.6	12.5	17.4	15.3	16.2
AR07-276089	16.9	17.8	14.4	14.6	19.3	15.3	17.6
ORC 0704	17.5	16.3	16.9	14.8	19.9	16.3	16.3
ORC 0705	16.2	14.6	15.3	13.2	17.9	15.0	15.5
ORC 0706	17.8	17.1	16.9	15.7	19.5	16.4	16.0
SD05-240	14.9	14.2	13.8	13.5	15.6	13.8	14.0
SD05-248	15.1	14.4	13.9	12.2	16.0	16.6	13.8
SD05-255	14.6	14.1	12.9	12.7	14.8	14.5	13.8
SD05-273	15.6	15.6	14.2	13.4	15.7	14.6	14.5
SD05-274	15.0	14.9	13.8	11.9	16.2	14.6	14.0
SD05-775	13.2	12.6	12.3	10.6	14.0	11.4	12.6
SD05-795	16.5	16.5	15.1	14.1	18.2	16.5	15.2
SD05-807	15.2	15.7	14.5	12.9	16.9	14.6	13.7
SD05-830	13.5	12.4	12.2	11.6	13.5	12.2	12.7
U05-706005	13.2	12.3	12.5	10.6	13.7	13.9	12.2
U05-710003	13.9	13.7	12.6	12.3	14.3	14.6	13.5
U05-710023	15.0	14.9	13.8	14.5	14.4	17.4	13.8
U05-712029	14.6	14.9	13.0	13.5	14.2	16.2	13.1
U05-719005	14.3	14.1	12.9	13.2	15.2	14.7	12.8
U05-723009	14.7	14.3	12.9	13.1	15.4	15.7	12.6
U05-727026	15.0	15.6	13.4	13.5	15.3	17.5	14.3
U05-732006	13.3	13.1	12.4	11.5	14.0	14.2	11.9
U05-734013	12.7	12.8	11.9	11.3	13.2	13.2	11.2
U05-738004	12.8	11.7	11.7	12.0	12.0	13.1	11.6
U05-738007	13.3	13.1	12.4	11.8	13.6	13.7	12.2
U05-739010	15.7	16.0	14.9	14.6	16.5	16.9	13.8
U05-740009	13.0	14.4	13.2	11.1	12.6	13.5	12.3
U05-741019	13.6	12.8	11.8	11.4	13.9	14.9	12.1
U05-747009	14.0	12.2	11.3	12.5	15.3	16.6	13.1

PRELIMINARY TEST IIB, 2008

SEED SIZE (g/100)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)	18.4	16.4	13.7	16.4	15.8	13.6
IA1022 (SCN)	18.5	16.5	14.0	15.1	15.0	13.6
IA3024	18.3	17.1	13.0	15.7	15.1	14.4
AR06-264007	19.6	18.3	13.8	16.7	14.0	14.8
AR06-264020	18.8	19.3	13.6	17.2	15.2	14.9
AR07-276022	17.2	15.2	13.2	15.3	13.6	13.9
AR07-276048	17.3	16.4	13.2	15.4	14.4	12.5
AR07-276066	19.4	19.2	14.6	16.6	16.1	14.9
AR07-276089	19.9	20.6	14.8	18.7	14.9	15.3
ORC 0704	22.2	19.7	16.1	17.7	17.3	17.2
ORC 0705	21.6	18.7	14.1	17.0	15.1	16.6
ORC 0706	21.6	21.0	15.5	18.1	18.9	17.1
SD05-240	18.1	17.2	13.9	15.4	15.4	13.6
SD05-248	18.0	17.3	15.1	16.3	14.5	13.3
SD05-255	18.3	16.8	13.1	15.9	14.4	13.7
SD05-273	18.4	18.2	13.2	16.8	17.8	14.5
SD05-274	18.0	17.8	13.8	16.7	14.6	13.2
SD05-775	18.2	16.4	12.1	13.9	12.1	12.6
SD05-795	19.2	18.7	14.9	19.6	15.5	14.9
SD05-807	17.6	17.3	13.4	17.3	14.6	13.6
SD05-830	17.0	16.5	12.6	13.9	13.8	13.4
U05-706005	15.4	14.3	12.9	14.5	12.7	13.6
U05-710003	16.3	15.3	14.0	15.0	13.2	12.6
U05-710023	16.9	16.3	14.2	14.8	15.1	14.2
U05-712029	16.9	16.4	13.5	15.6	14.8	12.8
U05-719005	16.7	15.6	13.6	15.2	13.8	13.6
U05-723009	17.3	16.2	14.5	15.8	15.1	13.9
U05-727026	16.4	17.0	13.3	14.7	14.9	14.4
U05-732006	15.2	14.6	12.6	14.8	12.9	12.4
U05-734013	14.6	14.0	12.6	14.5	12.6	10.9
U05-738004	15.1	13.7	15.1	13.7	11.6	12.2
U05-738007	15.0	15.2	12.9	14.0	12.9	12.8
U05-739010	18.7	17.5	12.8	16.3	16.0	14.6
U05-740009	14.1	13.8	14.1	12.6	12.3	11.6
U05-741019	15.9	15.6	12.4	15.5	13.1	13.3
U05-747009	16.3	15.6	13.0	15.2	14.3	13.2

PRELIMINARY TEST IIB, 2008

SEED QUALITY (score)

Strain	Mean 6 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2094 (II)	2.1			1.0	1.5		
IA1022 (SCN)	1.7			1.0	1.5		
IA3024	1.8			1.0	1.5		
AR06-264007	1.4			1.0	1.0		
AR06-264020	1.8			1.0	1.5		
AR07-276022	1.7			1.0	1.0		
AR07-276048	1.3			1.0	1.0		
AR07-276066	1.8			1.0	1.0		
AR07-276089	1.8			2.0	1.0		
ORC 0704	2.0			2.0	1.5		
ORC 0705	1.8			2.0	1.0		
ORC 0706	2.0			2.0	1.0		
SD05-240	1.4			1.0	1.0		
SD05-248	1.8			1.0	1.0		
SD05-255	1.7			1.0	1.0		
SD05-273	1.6			1.0	1.0		
SD05-274	1.9			2.0	1.5		
SD05-775	2.0			2.0	1.0		
SD05-795	1.8			1.0	1.0		
SD05-807	1.8			1.0	1.0		
SD05-830	2.0			2.0	1.5		
U05-706005	1.8			1.0	1.0		
U05-710003	2.3			2.0	1.5		
U05-710023	1.8			1.0	1.0		
U05-712029	2.1			2.0	1.0		
U05-719005	1.6			1.0	1.5		
U05-723009	1.8			1.0	1.5		
U05-727026	2.1			1.0	1.0		
U05-732006	2.0			2.0	1.5		
U05-734013	1.8			1.0	1.0		
U05-738004	1.3			1.0	1.0		
U05-738007	1.6			1.0	1.5		
U05-739010	1.8			1.0	1.5		
U05-740009	2.1			1.0	1.5		
U05-741019	2.0			1.0	1.0		
U05-747009	2.1			2.0	1.0		

PRELIMINARY TEST IIB, 2008

SEED QUALITY (score)

Strain	Cotesfield NE	Phillips NE	Hoytville OH	Chatham ONT	Harrow ONT	Aurora SD
IA2094 (II)			3.0	2.5	2.5	2.0
IA1022 (SCN)			2.0	1.5	2.0	2.0
IA3024			2.0	1.5	2.5	2.0
AR06-264007			1.0	1.5	2.0	2.0
AR06-264020			3.0	1.5	2.0	2.0
AR07-276022			2.0	1.0	2.0	3.0
AR07-276048			1.0	1.0	1.5	2.0
AR07-276066			1.0	2.5	2.0	3.0
AR07-276089			2.0	1.5	2.0	2.0
ORC 0704			3.0	1.5	2.0	2.0
ORC 0705			2.0	2.0	2.0	2.0
ORC 0706			2.0	2.0	3.0	2.0
SD05-240			1.0	1.5	2.0	2.0
SD05-248			2.0	2.0	2.0	3.0
SD05-255			2.0	2.0	2.0	2.0
SD05-273			2.0	2.0	1.5	2.0
SD05-274			1.0	2.0	2.0	3.0
SD05-775			2.0	2.5	2.5	2.0
SD05-795			2.0	2.0	2.0	3.0
SD05-807			2.0	2.0	2.0	3.0
SD05-830			2.0	2.5	2.0	2.0
U05-706005			2.0	3.0	2.0	2.0
U05-710003			2.0	3.0	2.0	3.0
U05-710023			1.0	3.5	2.0	2.0
U05-712029			2.0	3.5	2.0	2.0
U05-719005			1.0	2.0	2.0	2.0
U05-723009			1.0	2.5	2.5	2.0
U05-727026			1.0	3.5	4.0	2.0
U05-732006			2.0	2.5	2.0	2.0
U05-734013			1.0	2.5	2.5	3.0
U05-738004			1.0	2.0	1.0	2.0
U05-738007			1.0	2.0	2.0	2.0
U05-739010			1.0	3.0	2.0	2.0
U05-740009			2.0	3.0	2.0	3.0
U05-741019			2.0	2.5	3.5	2.0
U05-747009			1.0	3.0	2.5	3.0

PRELIMINARY TEST IIB, 2008

PROTEIN (%)

Strain	Mean 6 Tests	Ripley IA	Urbana IL	Lafayette IN	Ingham County MI	Chatham ONT	Harrow ONT
IA2094 (II)	35.5	34.7	35.5	34.3	36.6	36.5	35.1
IA1022 (SCN)	33.0	33.2	33.3	32.6	33.5	33.7	31.8
IA3024	32.8	31.7	31.4	31.5	33.9	35.3	32.7
AR06-264007	36.2	35.8	35.4	35.9	36.8	36.9	36.3
AR06-264020	34.2	34.0	33.6	34.2	34.9	35.1	33.5
AR07-276022	34.6	34.2	34.1	35.5	35.1	34.6	33.9
AR07-276048	35.1	33.9	34.9	35.1	35.5	35.9	35.1
AR07-276066	35.1	34.1	34.4	35.0	35.2	36.7	35.1
AR07-276089	32.8	32.6	33.4	32.9	32.0	33.2	32.6
ORC 0704	35.5	35.1	34.9	35.0	36.5	36.1	35.5
ORC 0705	35.3	34.7	34.4	34.1	36.6	36.5	35.5
ORC 0706	36.1	35.2	34.8	35.3	38.3	36.7	36.5
SD05-240	34.1	34.1	33.7	33.3	35.1	34.6	34.0
SD05-248	34.5	33.9	34.4	34.0	35.2	34.8	35.0
SD05-255	32.8	33.2	31.9	32.2	34.4	31.8	33.6
SD05-273	34.0	34.2	33.4	34.0	34.5	34.4	33.5
SD05-274	33.8	33.9	34.3	33.5	33.9	33.8	33.7
SD05-775	37.5	36.9	36.6	36.3	39.1	37.7	38.1
SD05-795	39.3	37.5	37.4	37.4	38.6	43.8	40.9
SD05-807	39.0	37.2	38.3	37.7	39.1	42.1	39.6
SD05-830	37.2	36.0	35.6	36.4	38.0	39.2	38.1
U05-706005	34.8	33.8	33.9	33.8	36.2	35.7	35.3
U05-710003	34.8	34.4	34.3	33.8	36.2	35.7	34.4
U05-710023	35.2	34.2	34.3	34.7	36.2	36.7	34.8
U05-712029	34.3	33.4	33.8	34.4	34.8	35.6	33.8
U05-719005	34.6	34.6	34.1	33.6	35.2	35.4	34.7
U05-723009	34.7	33.1	35.2	34.2	35.0	35.7	35.2
U05-727026	34.6	34.4	34.2	34.1	34.4	36.1	34.5
U05-732006	33.7	32.4	33.1	33.9	33.9	34.9	33.8
U05-734013	33.2	32.4	31.8	33.1	33.1	35.3	33.6
U05-738004	33.3	33.5	32.4	33.2	32.6	34.5	33.9
U05-738007	33.9	34.5	33.3	33.4	33.1	35.0	33.9
U05-739010	35.2	33.9	35.4	35.1	36.0	35.6	35.1
U05-740009	33.5	34.0	32.6	33.1	33.2	34.8	33.5
U05-741019	34.6	34.0	33.7	33.6	34.8	36.4	35.1
U05-747009	34.5	31.5	34.6	34.4	35.5	36.2	35.1

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST IIB, 2008

OIL (%)

Strain	Mean 6 Tests	Ripsey IA	Urbana IL	Lafayette IN	Ingham County MI	Chatham ONT	Harrow ONT
IA2094 (II)	18.7	19.1	18.4	18.7	19.0	17.8	19.1
IA1022 (SCN)	20.3	20.2	20.3	20.3	19.7	20.3	21.0
IA3024	19.1	19.4	19.8	19.5	18.1	17.7	19.9
AR06-264007	17.7	17.5	17.5	17.7	17.6	18.0	18.1
AR06-264020	18.7	19.1	18.8	18.9	18.0	18.2	19.1
AR07-276022	18.1	17.4	18.4	18.6	17.9	17.7	18.8
AR07-276048	18.8	18.8	18.5	19.0	18.4	18.5	19.3
AR07-276066	18.8	18.7	19.0	19.5	18.5	17.7	19.3
AR07-276089	20.0	19.5	20.4	20.0	19.8	19.8	20.5
ORC 0704	18.9	18.5	19.0	19.7	18.5	18.8	19.1
ORC 0705	18.5	18.8	18.7	19.1	17.5	18.1	18.9
ORC 0706	18.0	17.8	18.8	18.7	16.6	17.9	18.3
SD05-240	18.8	18.7	19.1	19.6	18.1	18.4	19.2
SD05-248	18.7	18.4	18.7	19.0	18.6	18.6	18.7
SD05-255	19.3	19.2	20.0	19.4	18.8	19.7	19.0
SD05-273	18.9	18.1	18.9	19.1	18.5	19.1	19.4
SD05-274	19.4	18.9	19.3	19.7	19.5	19.7	19.6
SD05-775	18.0	18.2	17.8	18.7	16.8	18.4	17.9
SD05-795	16.1	16.2	16.6	17.3	16.4	14.5	15.6
SD05-807	16.4	16.8	16.2	16.8	16.0	15.4	16.9
SD05-830	17.4	18.3	18.0	17.2	16.3	17.0	17.4
U05-706005	17.8	18.1	18.1	18.5	16.9	17.6	17.8
U05-710003	18.9	18.7	19.3	19.1	19.4	17.8	19.0
U05-710023	17.8	18.1	18.4	17.7	17.3	17.1	18.0
U05-712029	18.3	18.6	18.6	18.8	17.4	17.6	18.5
U05-719005	17.9	17.2	18.6	18.4	17.1	18.2	18.2
U05-723009	18.6	18.7	19.1	18.6	17.6	18.5	18.8
U05-727026	18.5	18.1	19.1	18.9	18.4	17.7	18.7
U05-732006	18.7	18.8	19.1	19.2	18.5	17.7	18.8
U05-734013	18.8	19.1	19.5	19.1	18.4	17.9	19.0
U05-738004	19.1	18.3	20.2	19.4	19.1	18.4	19.1
U05-738007	18.5	17.4	18.7	18.6	18.7	18.5	19.2
U05-739010	18.5	18.6	19.2	18.9	18.0	18.0	18.6
U05-740009	18.9	17.8	19.7	19.9	19.1	17.9	19.1
U05-741019	18.3	18.8	18.5	18.7	17.8	17.4	18.4
U05-747009	17.9	19.4	17.8	17.8	17.0	17.3	18.1

Uniform Test III, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	Fehr	7	F5	
2.	IA3024	A97-553017 x Pioneer YB33A99	Fehr	1		1% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	Graef	3	F5	SCN
4.	Macon (L)	Sherman x Resnik	Diers	14	F5	
5.	A05-312025	Dairyland 99433 x A01-409003	Fehr	1	F4	
6.	A06-911034	Dairyland 99540 x IA2068	Fehr	PTIII A	F4	SCN
7.	A06-912002	Dairyland 99669 x A02-237015	Fehr	PTIII A	F4	
8.	A06-912003	Dairyland 99669 x A02-237015	Fehr	PTIII A	F4	
9.	A06-912004	Dairyland 99669 x A02-237015	Fehr	PTIII A	F4	
10.	AR05-350008	IA1006 x AGP01-5	Cianzio	PTIII B	F4	BSR
11.	AR06-364039	LS98-0582 x S16-Y6	Cianzio	PTIII B	F4	SDS
12.	CL00-177197		LeRoy	PTIII B	F9	Rps3-a + 1-k
13.	CL00-177198		LeRoy	PTIII B	F9	Rps3-a + 1-k
14.	CL04-1672		LeRoy	PTIII B	F9	Rps3-a + 1-k ?
15.	HS5-3413	IA 3023 x HS99-4045	St. Martin	PTIII B	F5	
16.	LD04-13265	NK S32-Z3 x U98-205355	Diers	PTIII A	F5	SCN
17.	LD05-16874	LD00-3309 x [LD00-4970(2) x (Dowling x Loda)	Diers	PTIII A	F2	SCN, aphid Rag1
18.	LS04-27138	NK S38-T8 x LN97-26596	Klein	PTIII A	F5	SCN
19.	CS126	PI471.938 x NE3001	Graef	PTII B	F5	
20.	U03-400435	P92B12 x U97-207904	Graef	1	F5	SCN?
21.	U04-300343	HC97-545 X U98-311442	Graef	PTIII B	F5	SCN?
22.	U04-905057	UP3YC2S3	Graef	PTII B	S4	
23.	U04-945062	UP3YC2S3	Graef	PTII B	S5	

UNIFORM TEST III, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Shattering	PR		FE	SDS
		Score Humboldt IA	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Laf. a rx.	DX Valmeyer IL
IA3023 (III)	WLtTDYBII	3.5	1.0	S	S	S	56
IA3024	PGTDYIbI	3.9	1.0	R*	R*	S	91
U98-311442 (SCN)	PGTDYIbI	4.3	1.0	S	S	S	61
Macon (L)	WTBDYBII	3.9	1.0	S	S	S	56
A05-312025	PLtTBDYYI	4.0	1.0	S	S	S	63
A06-911034	WGBDYIYI	4.3	1.0	S	S	S	30
A06-912002	WGBDYIYI	3.9	1.0	H*	S	S	70
A06-912003	WGTDYYI	4.0	1.0	H*	S	S	78
A06-912004	WGTDYYI	3.9	1.0	S	S	S	57
AR05-350008	PTBDYBII	3.1	1.0	S	R*	S	69
AR06-364039	WTTDYBII	3.8	1.0	S	S	S	43
CL00-177197	PGBDYIYI	3.8	1.0	R	R	S	41
CL00-177198	PGBDYIYI	3.1	1.0	R	R	-	37
CL04-1672	WGBDYIYI	3.8	1.0	R	S*	S	35
HS5-3413	PLtTTDYBII	4.1	1.0	R*	R*	S	65
LD04-13265	PLtTTDYBII	3.9	1.0	S	S	S	35
LD05-16874	PTTDYBrI	3.5	2.0	S	S	S	20
LS04-27138	PTBDYBII	4.1	2.0	?	S	S	8
CS126	WGBSYBfD	3.9	1.0	S	S	S	65
U03-400435	PT+GBDYBII	4.3	1.0	S	S	-	67
U04-300343	PTTIYBII	3.8	2.0	H*	H*	S	46
U04-905057	PTTDYBII	3.8	1.0	S	S	S	52
U04-945062	PTBIYBII	3.8	1.0	S	S	S	63

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST III, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	15 bu/a	15 No.	15 Date	16 Score	Height 15 In.	Size 16 g/100	Quality 11 Score	Protein 7 %	Oil 7 %
IA3023 (III)	51.1	9	9/23	1.4	28	14.9	1.8	33.6	19.0
IA3024	50.0	12	-1.7	1.3	28	15.4	2.2	33.0	19.1
U98-311442 (SCN)	52.0	8	5.5	1.6	28	14.2	2.1	34.0	18.4
Macon (L)	49.6	15	3.4	1.5	30	15.9	1.5	34.1	18.5
A05-312025	52.9	7	2.9	1.8	30	15.5	2.1	34.6	17.9
A06-911034	53.3	4	0.8	1.5	28	14.0	1.8	33.8	18.5
A06-912002	53.8	2	3.4	1.5	28	14.2	2.2	34.7	18.8
A06-912003	53.9	1	3.8	1.5	28	14.4	1.5	34.5	18.0
A06-912004	53.6	3	4.0	1.5	30	14.6	1.9	34.6	18.9
AR05-350008	48.8	17	-1.1	1.4	29	13.2	1.9	33.3	18.1
AR06-364039	46.1	22	1.8	1.5	29	14.8	1.7	34.8	18.4
CL00-177197	46.3	20	2.3	1.3	29	17.9	1.8	36.2	17.7
CL00-177198	50.4	11	5.5	1.4	29	17.3	2.0	36.0	17.4
CL04-1672	49.4	16	-0.1	1.4	29	15.2	1.7	34.6	18.7
HS5-3413	50.0	12	-1.1	1.6	28	15.6	1.7	33.9	18.7
LD04-13265	53.2	5	5.4	1.3	27	15.5	1.9	33.5	18.7
LD05-16874	53.2	5	4.7	1.4	29	13.9	1.6	34.5	17.8
LS04-27138	47.1	18	1.2	1.3	30	14.5	1.7	35.1	18.2
CS126	50.8	10	-0.4	1.2	23	16.2	2.2	34.3	18.6
U03-400435	49.8	14	-1.1	1.4	29	14.7	1.9	33.4	19.1
U04-300343	47.1	18	0.5	1.8	31	15.1	1.7	35.1	17.8
U04-905057	46.2	21	-2.7	1.5	30	14.9	1.8	33.7	18.6
U04-945062	44.7	23	-2.4	1.8	29	14.8	1.8	33.6	18.9

125.1 Days After Planting

UNIFORM TEST III, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	30 bu/a	30 No.	30 Date	30 Score	Height 29 In.	Size 32 g/100	Quality 25 Score	Protein 17 %	Oil 17 %
IA3023 (III)	55.6	1	9/22	1.4	30	15.0	1.8	33.5	18.8
IA3024	52.9	5	-2.4	1.4	30	15.3	2.2	33.1	19.2
U98-311442 (SCN)	54.3	3	4.5	1.7	31	14.0	2.1	34.6	18.0
Macon (L)	52.6	6	2.5	1.6	32	15.9	1.8	34.5	18.1
A05-312025	55.3	2	2.3	2.0	33	15.6	2.2	34.8	17.6
U03-400435	53.1	4	-1.9	1.5	31	14.6	1.9	33.4	18.9

124.7 Days After Planting

UNIFORM TEST III, 2008

YIELD (bu/a)

Strain	Mean 15 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Ottawa KS	Queenstown* MD
IA3023 (III)	51.1	47.5	68.8	59.1	72.7	43.6	50.4	35.2	41.5
IA3024	50.0	51.2	68.4	47.6	62.7	56.1	49.7	33.0	33.5
U98-311442 (SCN)	52.0	44.3	71.0	58.9	72.6	51.3	43.7	38.3	39.5
Macon (L)	49.6	43.8	58.5	55.9	66.9	46.3	45.4	40.1	42.6
A05-312025	52.9	51.6	70.1	57.6	74.1	57.6	42.4	32.7	40.3
A06-911034	53.3	47.6	64.4	58.9	80.4	54.7	45.5	38.5	44.7
A06-912002	53.8	49.3	71.1	59.0	74.2	47.5	47.6	34.8	40.0
A06-912003	53.9	52.0	65.6	53.6	74.4	57.6	47.1	38.2	34.6
A06-912004	53.6	50.9	68.8	56.7	75.3	56.8	46.2	37.8	33.7
AR05-350008	48.8	38.7	67.0	51.8	64.5	45.5	39.9	39.3	37.9
AR06-364039	46.1	41.0	41.8	56.2	70.0	47.3	42.5	31.3	34.6
CL00-177197	46.3	40.1	58.5	52.8	63.6	44.7	39.9	32.1	39.9
CL00-177198	50.4	39.2	66.5	55.9	60.6	44.4	42.3	29.6	37.6
CL04-1672	49.4	31.8	65.2	57.0	66.3	63.8	41.2	34.0	40.9
HS5-3413	50.0	38.7	61.1	50.1	57.1	49.0	48.3	34.8	39.8
LD04-13265	53.2	49.9	72.4	65.7	64.7	48.0	44.8	35.7	42.6
LD05-16874	53.2	51.2	70.6	56.3	74.4	57.4	41.1	34.1	33.6
LS04-27138	47.1	41.9	65.3	56.4	67.5	45.7	41.1	31.7	38.9
CS126	50.8	42.8	62.7	51.2	69.3	56.7	51.1	33.4	39.1
U03-400435	49.8	52.1	64.4	53.3	69.7	50.3	41.4	40.6	32.5
U04-300343	47.1	45.2	49.4	51.7	58.2	36.3	52.9	34.1	34.4
U04-905057	46.2	43.7	61.2	50.1	63.5	45.2	41.5	29.7	30.1
U04-945062	44.7	46.4	58.7	49.1	63.3	46.3	47.4	30.4	35.4
Location Mean		45.2	64.0	55.0	68.1	50.1	44.9	34.8	37.7
C.V. (%)		8.3	8.0	5.5	7.1	10.4	5.5	7.0	16.4
L.S.D. (5%)		7.7	10.6	6.2	7.9	8.5	4.1	3.3	ns
Row Sp. (in.)		27	27	30	30	30	30	30	24
Rows/Plot		4	4	4	4	4	4	4	4
Reps		2	2	2	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST III, 2008

YIELD (bu/a)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt* NE	Lincoln NE	North Bend NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	40.3	43.4	57.3	72.8	41.2	58.0	36.8	38.5	74.1
IA3024	34.8	44.1	55.9	61.3	35.0	55.5	34.4	37.3	73.9
U98-311442 (SCN)	51.3	40.4	69.3	54.4	31.9	57.2	32.8	40.5	74.3
Macon (L)	42.1	40.9	65.4	46.9	46.3	56.4	35.0	38.1	65.2
A05-312025	47.2	38.5	64.2	59.8	48.3	54.5	36.7	39.1	72.7
A06-911034	50.1	32.6	65.9	63.2	41.0	63.1	39.5	38.1	69.8
A06-912002	50.6	29.6	63.8	71.4	50.3	58.5	35.1	40.0	77.6
A06-912003	43.8	39.1	68.7	61.5	42.8	65.3	35.9	37.2	79.1
A06-912004	55.0	31.3	67.2	61.6	33.1	59.6	32.7	42.0	83.3
AR05-350008	46.8	33.1	48.0	71.4	48.2	46.6	33.8	40.4	65.5
AR06-364039	37.6	30.3	57.7	45.9	41.6	63.5	28.7	37.0	65.2
CL00-177197	38.7	31.2	59.2	55.5	32.8	58.0	30.4	32.4	70.7
CL00-177198	43.3	47.8	61.7	67.7	38.4	64.4	33.1	35.4	76.8
CL04-1672	38.7	32.9	46.4	57.4	40.3	58.7	40.2	38.4	77.8
HS5-3413	39.5	39.2	51.8	81.0	46.7	55.2	35.9	36.8	75.1
LD04-13265	52.9	47.6	66.6	54.8	32.0	67.4	37.2	38.0	73.6
LD05-16874	50.5	39.9	61.7	61.6	45.2	76.0	27.6	35.0	68.7
LS04-27138	39.6	44.7	59.7	51.8	23.0	57.4	31.4	31.1	65.9
CS126	33.8	33.9	51.4	74.5	42.3	61.9	38.6	32.6	76.0
U03-400435	44.7	32.7	59.8	52.3	40.1	62.9	28.4	39.1	65.7
U04-300343	41.2	44.9	59.0	52.9	38.1	51.4	36.7	38.6	63.6
U04-905057	41.3	29.6	47.1	58.1	43.3	46.7	31.2	37.2	69.9
U04-945062	42.6	27.5	43.0	50.7	28.8	48.2	31.4	40.6	60.5
Location Mean	43.8	37.2	58.7	60.4	39.6	58.5	34.1	37.5	71.5
C.V. (%)	10.4	11.8	8.0	15.7	15.0	7.6	7.5	11.1	6.1
L.S.D. (5%)	6.3	7.2	7.8	23.3	15.0	10.9	4.2	6.9	7.2
Row Sp. (in.)	30	30	30	30	30	30	7.5	7.5	15
Rows/Plot	4	4	4	4	4	4	8	8	6
Reps	3	3	3	2	2	2	3	3	3

*Data not included in mean.

UNIFORM TEST III, 2008

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Ottawa KS	Queenstown MD
IA3023 (III)	9	10	6	2	7	22	3	9	4
IA3024	12	4	8	23	20	7	4	16	21
U98-311442 (SCN)	8	13	3	4	8	9	13	5	10
Macon (L)	15	14	20	12	13	15	11	2	2
A05-312025	7	3	5	6	6	2	15	17	6
A06-911034	4	9	14	4	1	8	10	4	1
A06-912002	2	8	2	3	5	13	6	10	7
A06-912003	1	2	11	14	3	2	8	6	16
A06-912004	3	6	6	8	2	5	9	7	19
AR05-350008	17	21	9	17	16	18	22	3	13
AR06-364039	22	18	23	11	9	14	14	20	16
CL00-177197	20	19	20	16	17	20	22	18	8
CL00-177198	11	20	10	12	21	21	16	23	14
CL04-1672	16	23	13	7	14	1	19	14	5
HS5-3413	12	21	18	20	23	11	5	10	9
LD04-13265	5	7	1	1	15	12	12	8	2
LD05-16874	5	4	4	10	3	4	20	12	20
LS04-27138	18	17	12	9	12	17	20	19	12
CS126	10	16	16	19	11	6	2	15	11
U03-400435	14	1	14	15	10	10	18	1	22
U04-300343	18	12	22	18	22	23	1	12	18
U04-905057	21	15	17	20	18	19	17	22	23
U04-945062	23	11	19	22	19	15	7	21	15

UNIFORM TEST III, 2008

YIELD RANK

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Lincoln NE	North Bend NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	16	6	16	3	11	12	5	9	9
IA3024	22	5	17	11	17	17	12	14	10
U98-311442 (SCN)	3	8	1	17	21	15	15	3	8
Macon (L)	13	7	6	22	5	16	11	11	20
A05-312025	7	12	7	12	2	19	6	6	12
A06-911034	6	17	5	7	12	6	2	11	15
A06-912002	4	21	8	4	1	11	10	5	4
A06-912003	10	11	2	10	8	3	8	15	2
A06-912004	1	18	3	8	18	9	16	1	1
AR05-350008	8	14	20	4	3	23	13	4	19
AR06-364039	21	20	15	23	10	5	21	17	20
CL00-177197	19	19	13	15	19	12	20	22	13
CL00-177198	11	1	9	6	15	4	14	19	5
CL04-1672	19	15	22	14	13	10	1	10	3
HS5-3413	18	10	18	1	4	18	8	18	7
LD04-13265	2	2	4	16	20	2	4	13	11
LD05-16874	5	9	9	8	6	1	23	20	16
LS04-27138	17	4	12	20	23	14	17	23	17
CS126	23	13	19	2	9	8	3	21	6
U03-400435	9	16	11	19	14	7	22	6	18
U04-300343	15	3	14	18	16	20	6	8	22
U04-905057	14	21	21	13	7	22	19	15	14
U04-945062	12	23	23	21	22	21	17	2	23

UNIFORM TEST III, 2008

MATURITY (date)

Strain	Mean	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Ottawa KS	Queenstown MD
	15 Tests								
IA3023 (III)	9/23	10/2	9/29	9/25	9/23	9/22	10/8		10/1
IA3024	-1.7	-5	-5	-2	-4	-1	-1		0
U98-311442 (SCN)	5.5	6	4	5	8	8	1		4
Macon (L)	3.4	4	2	6	2	3	2		5
A05-312025	2.9	2	2	5	2	3	2		5
A06-911034	0.8	1	-2	-1	0	0	-0		4
A06-912002	3.4	2	1	5	3	2	2		5
A06-912003	3.8	3	2	4	3	4	3		4
A06-912004	4.0	3	3	4	4	4	4		5
AR05-350008	-1.1	-1	-2	-1	-2	0	-3		-4
AR06-364039	1.8	2	1	2	4	3	-0		4
CL00-177197	2.3	2	-2	3	1	0	1		5
CL00-177198	5.5	5	3	5	6	3	4		5
CL04-1672	-0.1	-2	-2	-1	-1	5	0		-1
HS5-3413	-1.1	5	-3	-3	-3	-1	-1		-1
LD04-13265	5.4	6	2	7	8	3	2		5
LD05-16874	4.7	2	-1	5	9	8	2		4
LS04-27138	1.2	0	-5	1	3	0	-1		2
CS126	-0.4	-1	-5	-1	0	3	-1		5
U03-400435	-1.1	-2	-5	-3	-2	-1	-2		-3
U04-300343	0.5	1	-3	0	-2	0	-1		4
U04-905057	-2.7	-3	-5	-3	-2	-1	-2		-8
U04-945062	-2.4	-3	-6	-3	-3	-1	-2		-2
Date Planted	5/21	5/6	5/8	5/29	5/22	5/19	6/16		6/13
Days to Mature	125	149	144	119	124	126	114		110

UNIFORM TEST III, 2008

MATURITY (date)

Strain	Portageville		Portageville	DeWitt NE	Lincoln NE	North Bend NE	Hoytville OH	Wooster OH	South Charleston OH
	Columbia MO	(Clay) MO	(Loam) MO						
IA3023 (III)	9/20	9/24	8/31	9/25		10/3	9/17	9/18	9/22
IA3024	-2	2	-2	-1		-3	-2	1	-1
U98-311442 (SCN)	7	-1	6	6		5	10	8	6
Macon (L)	5	0	5	2		3	6	5	1
A05-312025	4	4	0	5		3	4	2	2
A06-911034	5	1	0	1		-1	4	1	-0
A06-912002	5	3	3	4		4	2	6	4
A06-912003	6	1	3	6		4	5	5	4
A06-912004	5	1	3	4		6	5	6	4
AR05-350008	-1	-2	-4	0		-4	4	1	1
AR06-364039	0	-2	0	2		2	5	5	1
CL00-177197	2	2	3	3		4	5	3	3
CL00-177198	5	5	7	7		7	8	8	5
CL04-1672	2	-4	-4	-1		-1	4	2	2
HS5-3413	-2	1	-2	-1		-3	-1	1	-2
LD04-13265	7	2	3	7		6	11	7	6
LD05-16874	7	2	5	6		7	5	4	6
LS04-27138	2	4	2	-1		-1	8	5	-1
CS126	-2	-3	-2	0		-4	3	2	-1
U03-400435	2	-5	1	0		-3	5	3	-3
U04-300343	5	-1	1	1		1	2	3	-2
U04-905057	-2	-2	-6	1		-3	-1	-1	-2
U04-945062	-2	-2	-4	-3		-4	1	0	-3
Date Planted	5/20	5/31	5/8	5/19		6/11	5/25	5/6	5/1
Days to Mature	123	116	115	129		114	115	135	144

UNIFORM TEST III, 2008

LODGING (score)

Strain	Mean 16 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Ottawa KS	Queenstown MD
IA3023 (III)	1.4	1.8	3.8	1.5	1.0	1.0	2.0	1.0	1.2
IA3024	1.3	1.5	3.0	1.0	1.0	1.0	2.3	1.0	1.2
U98-311442 (SCN)	1.6	2.0	3.5	2.0	1.0	1.0	3.3	1.0	1.0
Macon (L)	1.5	1.8	3.5	2.3	1.3	1.0	2.0	1.0	1.0
A05-312025	1.8	2.3	3.5	2.3	1.7	1.3	2.0	1.0	1.0
A06-911034	1.5	1.5	4.0	1.5	1.3	1.3	2.0	1.0	1.0
A06-912002	1.5	1.5	3.5	1.8	1.3	1.0	2.0	1.0	1.2
A06-912003	1.5	1.8	3.5	2.0	1.3	1.0	2.0	1.0	1.0
A06-912004	1.5	1.8	3.8	1.8	1.3	1.3	1.7	1.0	1.0
AR05-350008	1.4	1.5	3.3	1.8	1.0	1.0	1.7	1.0	1.3
AR06-364039	1.5	1.3	3.3	2.0	1.3	1.5	2.0	1.0	1.2
CL00-177197	1.3	1.0	3.3	1.5	1.0	1.0	2.0	1.0	1.0
CL00-177198	1.4	1.5	3.3	1.5	1.0	1.0	2.0	1.0	1.0
CL04-1672	1.4	1.5	2.5	2.0	1.0	1.7	2.0	1.0	1.2
HS5-3413	1.6	1.5	4.0	1.8	1.0	1.2	2.0	1.0	1.7
LD04-13265	1.3	1.5	3.0	1.5	1.0	1.0	1.0	1.0	1.0
LD05-16874	1.4	1.8	3.0	1.5	1.0	1.0	1.7	1.0	1.2
LS04-27138	1.3	1.0	3.0	1.8	1.0	1.0	1.7	1.0	1.3
CS126	1.2	1.0	2.3	1.0	1.0	1.0	2.0	1.0	1.0
U03-400435	1.4	1.5	2.8	1.8	1.0	1.2	1.7	1.0	1.5
U04-300343	1.8	1.8	4.5	2.0	1.5	1.2	2.3	1.0	1.2
U04-905057	1.5	2.3	4.0	1.5	1.3	1.5	2.0	1.0	1.5
U04-945062	1.8	1.8	3.8	2.0	2.0	1.5	2.7	1.3	1.7

UNIFORM TEST III, 2008

LODGING (score)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Lincoln NE	North Bend NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	1.0	2.0	1.0	1.0		1.0	1.0	1.3	1.1
IA3024	1.3	1.0	1.0	1.0		1.0	1.0	1.2	1.3
U98-311442 (SCN)	2.0	1.0	1.5	1.0		1.0	1.0	1.3	2.4
Macon (L)	1.7	1.0	1.5	1.0		1.0	1.0	1.3	1.4
A05-312025	2.3	3.0	2.0	1.0		1.0	1.0	1.3	2.0
A06-911034	1.7	2.0	1.5	1.0		1.0	1.0	1.3	1.4
A06-912002	1.7	2.0	1.0	1.0		1.0	1.0	1.2	2.0
A06-912003	2.0	2.0	1.0	1.0		1.0	1.0	1.3	1.6
A06-912004	1.7	1.0	1.0	1.0		1.0	1.0	1.3	2.2
AR05-350008	1.3	1.0	1.0	1.0		1.0	1.0	1.3	2.0
AR06-364039	1.0	2.0	1.0	1.0		1.0	1.0	1.3	1.4
CL00-177197	1.0	1.0	1.0	1.0		1.0	1.0	1.3	1.4
CL00-177198	1.0	2.0	1.0	1.0		1.0	1.0	1.3	2.0
CL04-1672	1.0	2.0	1.0	1.0		1.0	1.0	1.3	1.8
HS5-3413	1.7	2.0	1.0	1.0		1.0	1.0	1.3	1.9
LD04-13265	1.3	1.0	1.0	1.0		1.0	1.0	1.3	1.6
LD05-16874	2.3	1.0	1.0	1.0		1.5	1.0	1.2	1.6
LS04-27138	1.3	2.0	1.0	1.0		1.0	1.0	1.3	1.2
CS126	1.0	1.0	1.0	1.0		1.0	1.0	1.2	1.1
U03-400435	1.7	2.0	1.0	1.0		1.0	1.0	1.3	1.6
U04-300343	2.7	2.0	1.5	1.0		1.0	1.0	1.3	2.7
U04-905057	1.7	1.0	1.0	1.0		1.0	1.0	1.3	1.5
U04-945062	1.3	2.0	1.5	1.0		1.5	1.0	1.3	1.8

UNIFORM TEST III, 2008

PLANT HEIGHT (inches)

Strain	Mean 15 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Ottawa KS	Queenstown MD
IA3023 (III)	28	31	38	33	34	31	31	26	25
IA3024	28	30	34	30	34	33	36	27	24
U98-311442 (SCN)	28	32	39	33	36	33	30	26	23
Macon (L)	30	33	42	35	36	32	31	27	27
A05-312025	30	32	41	36	37	34	32	28	25
A06-911034	28	28	36	33	33	30	33	28	25
A06-912002	28	30	36	33	36	34	29	27	25
A06-912003	28	31	37	30	35	32	33	24	24
A06-912004	30	33	39	33	36	35	34	29	27
AR05-350008	29	30	39	33	38	33	30	26	23
AR06-364039	29	29	34	33	36	35	31	27	26
CL00-177197	29	26	38	34	36	34	33	28	24
CL00-177198	29	27	39	33	38	33	32	26	24
CL04-1672	29	27	38	34	37	34	30	27	26
HS5-3413	28	31	38	32	36	33	31	26	26
LD04-13265	27	28	36	33	33	30	29	24	22
LD05-16874	29	33	40	32	37	32	32	26	23
LS04-27138	30	30	39	36	35	34	34	29	24
CS126	23	18	28	30	27	28	26	23	23
U03-400435	29	30	37	35	35	34	32	27	24
U04-300343	31	31	42	36	36	33	36	30	26
U04-905057	30	31	37	36	36	35	34	28	24
U04-945062	29	32	39	36	34	34	32	29	26

UNIFORM TEST III, 2008

PLANT HEIGHT (inches)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Lincoln NE	North Bend NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	22	23	30	29			21	22	29
IA3024	22	21	30	30			21	22	28
U98-311442 (SCN)	22	20	27	30			22	22	28
Macon (L)	23	23	32	30			22	23	31
A05-312025	23	26	35	31			23	22	30
A06-911034	22	20	30	30			23	22	28
A06-912002	24	18	30	30			22	23	30
A06-912003	24	24	30	30			22	21	28
A06-912004	21	20	31	31			23	22	30
AR05-350008	25	23	30	32			21	21	31
AR06-364039	23	21	32	29			23	21	29
CL00-177197	21	23	32	32			23	22	31
CL00-177198	22	25	33	32			22	22	30
CL04-1672	23	21	27	31			24	21	33
HS5-3413	21	21	28	33			21	21	29
LD04-13265	21	24	33	28			20	20	26
LD05-16874	26	22	32	30			21	21	30
LS04-27138	24	26	33	29			21	21	31
CS126	15	15	19	25			19	21	21
U03-400435	24	19	33	29			23	22	28
U04-300343	28	27	32	33			23	21	29
U04-905057	26	24	32	33			24	22	32
U04-945062	22	23	31	27			23	23	28

UNIFORM TEST III, 2008

SEED SIZE (g/100)

Strain	Mean 16 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Ottawa KS	Queenstown MD
IA3023 (III)	14.9	14.8	16.1	14.2	14.7	13.4	16.1	14.4	
IA3024	15.4	15.7	16.3	13.0	15.0	14.7	16.5	15.3	
U98-311442 (SCN)	14.2	14.4	15.7	14.4	13.8	13.3	13.9	15.1	
Macon (L)	15.9	16.8	17.8	16.7	16.7	14.8	17.2	16.7	
A05-312025	15.5	15.9	17.5	15.3	15.0	15.6	16.4	15.6	
A06-911034	14.0	14.0	15.0	14.0	14.7	13.7	13.7	13.9	
A06-912002	14.2	14.3	16.0	14.7	14.5	13.1	15.4	13.8	
A06-912003	14.4	14.6	16.3	13.9	14.4	13.5	14.8	14.5	
A06-912004	14.6	14.8	15.8	14.1	14.8	13.8	15.3	14.3	
AR05-350008	13.2	13.5	14.9	13.2	12.3	12.1	13.9	13.2	
AR06-364039	14.8	14.9	17.5	14.9	14.9	14.6	16.3	14.1	
CL00-177197	17.9	17.9	19.1	19.2	18.2	16.9	18.2	17.7	
CL00-177198	17.3	17.0	18.8	18.5	18.4	16.1	17.3	19.4	
CL04-1672	15.2	14.5	16.6	15.3	14.7	14.9	17.5	14.8	
HS5-3413	15.6	15.8	16.9	14.3	15.0	14.3	16.8	16.6	
LD04-13265	15.5	15.2	16.7	16.8	15.8	13.9	15.0	17.0	
LD05-16874	13.9	14.3	14.6	12.4	13.8	13.8	13.8	14.6	
LS04-27138	14.5	14.8	15.1	14.7	15.4	13.1	16.3	15.2	
CS126	16.2	16.1	17.7	15.2	15.4	17.7	16.8	16.0	
U03-400435	14.7	15.5	15.9	14.1	15.4	13.7	14.0	15.4	
U04-300343	15.1	15.4	15.9	15.7	15.2	13.8	16.7	14.8	
U04-905057	14.9	15.4	16.5	14.5	14.9	14.6	15.1	14.9	
U04-945062	14.8	15.2	16.1	14.7	15.0	14.9	15.2	13.9	

UNIFORM TEST III, 2008

SEED SIZE (g/100)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Lincoln NE	North Bend NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	13.0	16.5	15.7	14.6	18.0	13.8	13.4	13.5	15.7
IA3024	14.0	17.7	15.4	15.6	18.6	15.0	13.4	14.3	15.7
U98-311442 (SCN)	12.0	16.3	13.0	13.2	17.4	13.9	12.6	14.0	14.7
Macon (L)	14.0	17.1	14.7	13.9	18.8	15.9	13.5	13.6	16.6
A05-312025	13.0	16.7	14.3	14.8	17.8	15.3	13.3	14.3	16.9
A06-911034	13.0	15.5	13.1	13.5	16.7	13.7	12.8	12.8	14.6
A06-912002	12.0	15.4	13.1	13.0	17.1	13.7	12.2	13.9	15.7
A06-912003	13.0	16.1	13.8	14.0	17.5	14.2	12.0	13.3	15.0
A06-912004	14.0	15.2	13.5	13.4	19.1	14.3	12.6	13.6	15.0
AR05-350008	13.0	16.1	11.9	12.5	15.6	12.4	11.7	11.1	13.7
AR06-364039	13.0	16.5	14.4	13.9	17.0	14.3	12.4	12.5	15.0
CL00-177197	13.0	21.4	17.4	17.2	21.2	18.3	16.3	15.6	18.9
CL00-177198	15.0	13.9	17.1	15.8	21.5	18.1	14.7	16.7	18.9
CL04-1672	14.0	15.5	14.0	13.7	18.0	14.9	13.6	14.6	16.1
HS5-3413	14.0	16.7	16.2	15.6	18.2	14.6	14.0	13.9	16.6
LD04-13265	15.0	16.3	13.7	15.2	17.9	15.3	13.3	15.4	16.2
LD05-16874	12.0	21.5	11.6	12.7	15.3	13.9	11.3	12.4	13.8
LS04-27138	12.0	16.5	14.5	12.3	17.7	14.0	12.5	12.9	14.6
CS126	15.0	16.5	16.1	15.9	19.6	14.9	14.4	14.4	17.3
U03-400435	13.0	15.8	13.4	13.5	18.6	15.4	12.6	14.1	15.2
U04-300343	12.0	17.2	14.0	14.2	18.0	16.1	12.2	13.4	16.4
U04-905057	15.0	17.0	13.7	13.6	17.3	14.1	13.2	13.2	15.7
U04-945062	12.0	16.5	13.9	14.2	17.9	14.4	13.3	14.2	15.8

UNIFORM TEST III, 2008

SEED QUALITY (score)

Strain	Mean 11 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Ottawa KS	Queenstown MD
IA3023 (III)	1.8			1.0	1.5	1.0	2.0	2.0	
IA3024	2.2			1.0	1.5	2.5	3.0	2.0	
U98-311442 (SCN)	2.1			1.0	1.5	1.5	3.0	2.0	
Macon (L)	1.5			1.0	1.0	1.0	2.0	2.0	
A05-312025	2.1			1.0	1.5	1.5	3.0	2.0	
A06-911034	1.8			1.0	1.0	1.5	2.0	2.0	
A06-912002	2.2			1.0	1.0	1.5	3.0	2.0	
A06-912003	1.5			1.0	1.0	1.5	2.0	2.0	
A06-912004	1.9			1.0	1.0	1.5	3.0	2.0	
AR05-350008	1.9			1.0	1.0	1.0	3.0	2.0	
AR06-364039	1.7			1.0	1.0	1.5	2.0	2.0	
CL00-177197	1.8			1.0	1.0	1.5	3.0	2.0	
CL00-177198	2.0			1.0	1.0	1.0	3.0	2.0	
CL04-1672	1.7			1.0	1.5	1.5	2.0	2.0	
HS5-3413	1.7			1.0	1.0	1.0	3.0	2.0	
LD04-13265	1.9			2.0	1.0	1.0	3.0	2.0	
LD05-16874	1.6			1.0	1.0	1.0	2.0	2.0	
LS04-27138	1.7			2.0	1.0	1.5	2.0	2.0	
CS126	2.2			1.0	1.0	2.0	2.0	2.0	
U03-400435	1.9			1.0	1.5	1.5	2.0	2.0	
U04-300343	1.7			1.0	1.5	1.5	2.0	2.0	
U04-905057	1.8			1.0	1.0	1.0	2.0	2.0	
U04-945062	1.8			1.0	1.0	1.5	2.0	2.0	

UNIFORM TEST III, 2008

SEED QUALITY (score)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Lincoln NE	North Bend NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	3.0	3.0	3.0				1.0	1.0	1.5
IA3024	2.0	4.0	3.0				2.0	1.0	1.8
U98-311442 (SCN)	2.0	3.0	3.0				2.0	2.0	2.0
Macon (L)	1.0	3.0	2.0				1.0	1.0	1.3
A05-312025	1.0	4.0	4.0				1.0	2.0	1.8
A06-911034	1.0	4.0	2.0				2.0	1.0	1.8
A06-912002	2.0	4.0	4.0				2.0	2.0	2.0
A06-912003	1.0	2.0	2.0				1.0	1.0	1.5
A06-912004	1.0	4.0	3.0				2.0	1.0	1.7
AR05-350008	1.0	3.0	4.0				1.0	2.0	1.7
AR06-364039	2.0	3.0	3.0				1.0	1.0	1.7
CL00-177197	1.0	3.0	3.0				1.0	1.0	1.8
CL00-177198	1.0	3.0	4.0				3.0	1.0	1.5
CL04-1672	1.0	3.0	3.0				1.0	1.0	1.8
HS5-3413	1.0	3.0	3.0				1.0	1.0	1.5
LD04-13265	1.0	3.0	3.0				2.0	1.0	1.5
LD05-16874	1.0	3.0	3.0				1.0	1.0	1.5
LS04-27138	1.0	3.0	3.0				1.0	1.0	1.2
CS126	3.0	3.0	5.0				1.0	2.0	1.7
U03-400435	2.0	4.0	3.0				1.0	1.0	2.0
U04-300343	2.0	3.0	2.0				1.0	1.0	1.5
U04-905057	1.0	4.0	4.0				1.0	1.0	1.8
U04-945062	2.0	3.0	4.0				1.0	1.0	1.7

UNIFORM TEST III, 2008

PROTEIN (%)

Strain	Mean 7 Tests	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Columbia MO	Portageville (Loam) MO	South Charleston OH
IA3023 (III)	33.6	32.1	35.7	33.0	33.4	33.9	34.2	32.9
IA3024	33.0	31.6	30.7	33.1	34.2	34.9	33.4	32.9
U98-311442 (SCN)	34.0	33.4	34.5	34.2	33.5	34.2	33.2	35.2
Macon (L)	34.1	33.7	34.8	33.9	33.8	34.5	33.5	34.2
A05-312025	34.6	33.9	34.6	34.8	34.3	34.8	34.5	35.1
A06-911034	33.8	32.2	33.3	34.2	34.9	34.5	33.4	34.2
A06-912002	34.7	33.0	34.9	34.6	35.0	35.3	35.6	34.4
A06-912003	34.5	33.7	34.0	33.9	34.1	35.4	35.5	34.8
A06-912004	34.6	33.6	32.8	34.4	34.1	35.8	34.9	36.6
AR05-350008	33.3	34.3	32.6	32.8	33.0	33.8	33.2	33.6
AR06-364039	34.8	34.9	34.7	33.7	34.7	35.1	35.1	35.4
CL00-177197	36.2	35.2	35.9	35.4	37.0	37.9	35.7	36.7
CL00-177198	36.0	35.1	36.0	35.9	36.4	36.4	35.8	36.3
CL04-1672	34.6	35.0	34.9	34.4	34.5	34.6	34.0	34.5
HS5-3413	33.9	34.4	31.7	33.4	34.6	35.1	34.6	33.6
LD04-13265	33.5	33.3	34.0	33.3	34.1	33.3	32.5	34.3
LD05-16874	34.5	33.7	33.5	34.9	34.5	35.3	34.0	35.2
LS04-27138	35.1	34.2	35.3	36.7	35.0	35.1	34.4	34.9
CS126	34.3	34.0	33.4	33.9	33.8	35.0	35.7	34.0
U03-400435	33.4	35.0	33.7	32.2	33.1	33.9	32.8	33.2
U04-300343	35.1	34.4	34.7	35.3	35.6	35.2	35.7	34.4
U04-905057	33.7	32.9	33.2	33.9	33.7	34.0	34.6	33.6
U04-945062	33.6	32.6	32.9	33.2	33.9	34.1	35.2	33.6

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST III, 2008

OIL (%)

Strain	Mean 7 Tests	Carlisle IA	Urbana IL	Lafayette IN	Wanatah IN	Columbia MO	Portageville (Loam) MO	South Charleston OH
IA3023 (III)	19.0	19.3	19.7	18.8	18.4	18.2	20.1	18.7
IA3024	19.1	18.8	20.2	18.9	18.2	18.0	20.7	18.6
U98-311442 (SCN)	18.4	18.4	18.9	17.7	18.0	18.0	20.0	17.5
Macon (L)	18.5	18.4	18.1	18.1	18.2	17.9	20.0	18.6
A05-312025	17.9	18.9	18.9	17.0	17.9	17.0	18.2	17.6
A06-911034	18.5	18.8	18.9	17.9	17.7	17.6	20.1	18.3
A06-912002	18.8	19.2	19.6	18.2	18.1	17.7	19.8	18.9
A06-912003	18.0	18.9	19.4	17.8	17.8	16.7	18.1	17.5
A06-912004	18.9	19.2	18.9	18.2	18.1	17.5	19.6	20.8
AR05-350008	18.1	18.4	18.6	17.7	17.4	17.5	19.3	17.8
AR06-364039	18.4	18.9	18.5	18.3	18.0	17.8	19.5	17.6
CL00-177197	17.7	18.8	18.7	17.3	16.7	15.9	19.1	17.1
CL00-177198	17.4	18.0	17.7	16.9	16.6	16.9	18.7	16.9
CL04-1672	18.7	18.8	19.2	18.0	18.3	18.0	20.3	18.3
HS5-3413	18.7	19.2	19.3	18.8	18.0	17.9	19.3	18.3
LD04-13265	18.7	19.0	18.4	18.5	18.1	18.5	20.4	17.9
LD05-16874	17.8	18.5	18.1	17.2	17.4	17.6	18.3	17.6
LS04-27138	18.2	19.0	18.6	18.1	17.5	17.6	18.7	18.1
CS126	18.6	19.1	19.6	18.1	18.1	17.3	19.9	18.2
U03-400435	19.1	19.4	19.5	19.0	18.7	18.0	20.5	18.6
U04-300343	17.8	18.3	17.9	17.3	17.7	17.0	18.3	17.9
U04-905057	18.6	18.4	18.7	18.2	18.5	18.2	19.9	18.4
U04-945062	18.9	18.9	19.0	19.2	18.6	17.7	20.4	18.5

Preliminary Test IIIA, 2008

Ent.	Strain	Parentage	Seed Source	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	Fehr	F5	
2.	IA3024	A97-553017 x Pioneer YB33A99	Fehr		1% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	Graef	F5	SCN
4.	Macon (L)	Sherman x Resnik	Diers	F5	
5.	A07-626001	A02-136030 x Soygenetics F21461C	Fehr	F4	
6.	A07-626022	IA1021 x Dairyland 99820-33	Fehr	F4	
7.	A07-626035	A02-338013 x S16-Y6	Fehr	F4	
8.	A07-626043	Pioneer 91M10 x Dairyland 99753	Fehr	F4	
9.	A07-626045	Dairyland 99540 x Pioneer 91M10	Fehr	F4	
10.	A07-627006	A02-338013 x AgriPr 97199-A00-10391	Fehr	F4	
11.	A07-627021	IA3023 x Pioneer 92M10	Fehr	F4	
12.	A07-627024	AgriPro 97144-A00-15133 x A02-338013	Fehr	F4	
13.	A07-627026	Dairyland 99540 x Pioneer 91M10	Fehr	F4	
14.	A07-627028	IA3023 x A02-338013	Fehr	F4	
15.	A07-627030	IA3023 x A02-338013	Fehr	F4	
16.	A07-627033	IA3023 x A02-338013	Fehr	F4	
17.	A07-627034	AgriPro 97144-A00-15133 x IA3023	Fehr	F4	
18.	A07-627039	IA2068 x IA3023	Fehr	F4	SCN
19.	A07-627042	IA2068 x IA3023	Fehr	F4	SCN
20.	CL04-651		LeRoy	F4	Rps 3-a?
21.	CL04-668		LeRoy	F4	Rps 3-a,1-k?
22.	CL04-727		LeRoy	F4	Rps 3-a?
23.	CL04-13217		LeRoy	F4	Rps 3-a?
24.	CL04-13234		LeRoy	F4	Rps 3-a?
25.	CL04-132315		LeRoy	F4	Rps 3-a?
26.	CL04-132319		LeRoy	F4	Rps 3-a?
27.	CL04-1323141		LeRoy	F4	Rps 3-a?
28.	CL05-19292		LeRoy	F5	Rps 3-a,1-k?
29.	CL05-20251		LeRoy	F5	Rps 3-a,1-k?
30.	CL05-20252		LeRoy	F5	Rps 3-a,1-k?
31.	LS05-0107	LD00-1938 x U98-307917	Klein	F5	
32.	LS05-0202	SS98-3403 x U98-307917	Klein	F5	
33.	LS05-0216	SS98-3403 x U98-307917	Klein	F5	
34.	LS05-0220	SS98-3403 x U98-307917	Klein	F5	
35.	LS05-0242	U98-311442 x K1536	Klein	F5	
36.	LS05-1065	LD00-2807 x U97-201128	Klein	F5	
37.	LS05-2610	NK S38-T8 x LD00-5038	Klein	F5	
38.	SB-01	Williams-82 x (Pana x CX1512-44)	Bilyeu	F4	3% linolenic acid

PRELIMINARY TEST IIIA, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Shattering	PR		FE
		Score	Score	Lafayette		Laf.
		Humboldt	Manhattan	Race	Race	a
		IA	KS	4	7	rx.
IA3023 (III)	WLtTDYBII	3.5	1.0	S	S	S
IA3024	PGTDYIbI	3.9	1.0	R*	R*	S
U98-311442 (SCN)	PGTDYIbI	4.3	1.0	S	S	S
Macon (L)	WTBDYBII	3.9	1.0	S	S	S
A07-626001	WGBDYI	3.9	1.0	S	S	S
A07-626022	PGBDYI	4.1	1.0	S	S	S
A07-626035	PGTDYI	4.5	1.0	S	S	S
A07-626043	PGBDYI	4.0	1.0	R*	R*	S
A07-626045	PGBDYI	4.0	1.0	S	S	S
A07-627006	PGBDYI	3.6	1.0	S	S	-
A07-627021	WLtTTDYI	3.8	1.0	S	H*	S
A07-627024	P+WTDYI	3.5	1.0	S	S	S
A07-627026	WTDYI	4.0	1.0	S	S	S
A07-627028	WGBDYI	3.4	1.0	S	S	-
A07-627030	PGTDYI	3.6	1.0	S	S	S
A07-627033	WGBDYI	3.9	1.0	S	S	-
A07-627034	WLt+TTDYI	3.4	1.0	S	H*	S
A07-627039	WGT+BDYI	3.9	1.0	S	S	S
A07-627042	WGBDYI	3.8	1.0	S	S	-
CL04-651	WLtTTDYBII	3.6	1.0	R	H*	S
CL04-668	PTTDYBII	3.8	1.0	R	R	S
CL04-727	WLtTTDYBII	3.6	1.0	R	S	S
CL04-13217	P+WTTDYBII	4.5	1.0	H*	S	S
CL04-13234	WLtTTDYBII	4.1	1.0	R	S	S
CL04-132315	WGTDYBfI	4.5	1.0	R	S	S
CL04-132319	WLtTTDYBI+BfI	4.4	1.0	H*	S	S
CL04-1323141	WLtTDYBII	3.4	1.0	R	S	S
CL05-19292	WLtTDYBII	4.0	1.0	S*	S*	S
CL05-20251	P+WBDYBII	4.3	2.0	R	S*	S
CL05-20252	PLtTBDYBII	4.4	1.0	R	S*	S
LS05-0107	P+WBDYLbrI	4.5	1.0	S	S	S
LS05-0202	PLtTBDYBI+BrI	4.4	1.0	S	R*	-
LS05-0216	PLtTBDYBLI	4.1	1.0	S	R*	S
LS05-0220	WLtTBDYBI+BrI	4.8	1.0	S	H*	-
LS05-0242	WGTDYGrI	4.0	1.0	S	S	S
LS05-1065	WTBDYBII	4.1	1.0	R*	R*	S
LS05-2610	PTBDYBII	4.4	1.0	R*	R*	S
SB-01	WTTDYBII	4.1	1.0	S	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST IIIA, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 9 Date	Lodging 9 Score	Plant Height 8 In.	Seed Size 10 g/100	Seed Quality 5 Score	Composition	
								Protein 5 %	Oil 5 %
IA3023 (III)	59.3	9	9/27	1.5	32	15.2	1.3	32.7	19.2
IA3024	61.0	4	-2.6	1.5	31	15.9	1.4	32.3	19.2
U98-311442 (SCN)	59.2	10	5.1	1.6	33	14.3	1.6	34.9	18.6
Macon (L)	54.8	26	2.9	1.6	34	16.0	1.5	34.4	18.4
A07-626001	58.8	11	0.0	1.6	34	12.4	1.8	33.8	18.4
A07-626022	61.1	2	-2.0	1.5	29	15.8	1.4	35.0	19.1
A07-626035	53.0	31	-2.0	1.7	33	16.4	2.0	34.7	18.4
A07-626043	57.6	14	-1.7	1.4	33	13.9	1.8	34.0	18.8
A07-626045	54.5	29	-3.1	1.6	31	14.7	1.8	34.8	18.9
A07-627006	57.6	14	-2.9	1.6	34	17.7	1.8	35.2	18.7
A07-627021	55.0	25	-1.7	1.6	33	13.6	1.4	34.0	18.6
A07-627024	54.8	26	-2.5	1.6	31	16.2	1.9	35.4	18.5
A07-627026	55.5	23	0.7	1.6	33	14.5	1.4	34.0	17.8
A07-627028	55.9	21	-0.7	1.6	32	17.1	1.8	34.4	19.1
A07-627030	55.5	23	-2.2	1.8	30	15.4	1.3	33.6	19.6
A07-627033	53.7	30	-2.1	1.9	34	14.2	1.6	33.9	19.4
A07-627034	59.8	8	2.8	1.4	31	16.5	1.5	34.3	18.7
A07-627039	56.5	20	2.2	1.5	34	13.9	1.4	33.0	19.2
A07-627042	55.9	21	-1.9	1.4	32	13.7	1.5	32.0	19.4
CL04-651	57.9	13	1.5	1.4	33	15.7	1.3	34.6	17.5
CL04-668	54.6	28	1.1	1.5	31	17.1	1.8	34.3	18.6
CL04-727	57.1	19	0.7	1.4	32	13.9	1.4	34.8	17.9
CL04-13217	57.5	16	2.3	1.4	32	15.4	1.4	35.0	18.0
CL04-13234	61.1	2	2.1	1.4	31	15.3	1.4	34.5	18.1
CL04-132315	60.0	7	0.8	1.6	33	16.5	1.6	34.0	18.7
CL04-132319	61.0	4	1.7	1.5	32	16.9	1.4	35.2	18.0
CL04-1323141	61.2	1	7.2	2.1	36	16.7	1.8	33.8	17.9
CL05-19292	57.3	18	5.6	1.4	34	16.5	1.5	34.2	18.3
CL05-20251	58.0	12	6.2	1.5	34	15.6	1.6	35.4	17.7
CL05-20252	60.8	6	6.2	1.4	33	15.9	1.6	34.6	17.8
LS05-0107	42.9	38	5.0	1.6	30	14.9	2.0	33.9	19.2
LS05-0202	57.4	17	5.8	1.8	37	14.3	1.5	33.6	18.0
LS05-0216	51.2	32	5.8	1.4	32	16.9	1.5	34.4	18.2
LS05-0220	50.5	33	5.1	1.4	34	14.0	1.5	34.5	18.4
LS05-0242	50.1	34	3.9	1.4	32	13.8	1.5	34.2	18.5
LS05-1065	42.9	37	2.4	1.8	32	14.6	1.7	32.6	19.1
LS05-2610	47.3	35	5.4	2.0	33	16.9	1.8	34.6	19.0
SB-01	45.5	36	3.4	1.8	38	14.3	1.5	33.2	19.2

128.0 Days After Planting

PRELIMINARY TEST IIIA, 2008

YIELD (bu/a)

Strain	Mean 8 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	59.3	47.5	68.8	60.2	64.3	46.8
IA3024	61.0	51.2	68.4	59.1	72.9	45.7
U98-311442 (SCN)	59.2	44.3	71.0	63.4	70.5	46.3
Macon (L)	54.8	43.8	58.5	53.2	61.3	45.9
A07-626001	58.8	41.3	70.3	60.8	70.9	44.4
A07-626022	61.1	48.4	75.3	60.5	61.5	50.5
A07-626035	53.0	45.8	58.1	56.3	57.2	39.5
A07-626043	57.6	48.7	66.3	59.5	66.6	39.8
A07-626045	54.5	50.1	60.6	55.3	61.2	37.2
A07-627006	57.6	48.3	67.1	52.7	65.9	43.7
A07-627021	55.0	36.3	62.6	55.9	59.7	48.9
A07-627024	54.8	47.7	57.1	57.3	63.5	40.6
A07-627026	55.5	45.6	64.1	55.1	55.2	41.3
A07-627028	55.9	47.3	50.8	59.6	65.3	40.8
A07-627030	55.5	41.7	52.0	56.9	61.6	45.8
A07-627033	53.7	33.2	54.8	54.9	60.6	45.3
A07-627034	59.8	48.9	72.7	60.4	62.4	44.7
A07-627039	56.5	41.9	67.6	56.3	60.9	42.1
A07-627042	55.9	49.4	58.6	53.9	63.1	39.1
CL04-651	57.9	47.1	66.3	63.8	62.3	42.2
CL04-668	54.6	32.5	69.7	59.4	63.1	40.8
CL04-727	57.1	40.7	70.5	63.4	65.4	40.0
CL04-13217	57.5	45.1	64.3	64.0	66.0	45.9
CL04-13234	61.1	52.5	73.7	60.3	68.8	46.9
CL04-132315	60.0	43.9	66.3	64.8	69.8	45.8
CL04-132319	61.0	41.8	69.6	67.8	63.6	45.0
CL04-1323141	61.2	47.4	70.6	62.0	68.6	44.1
CL05-19292	57.3	43.9	67.8	62.3	67.3	39.9
CL05-20251	58.0	47.5	64.6	62.1	61.1	41.9
CL05-20252	60.8	48.4	68.6	65.1	68.5	41.0
LS05-0107	42.9	8.6	62.4	49.7	54.9	31.4
LS05-0202	57.4	34.5	62.1	61.4	63.3	47.1
LS05-0216	51.2	16.0	62.1	59.0	58.4	39.6
LS05-0220	50.5	31.0	63.3	54.8	58.6	41.0
LS05-0242	50.1	19.2	63.8	56.7	60.2	43.8
LS05-1065	42.9	8.1	40.9	47.9	53.8	45.0
LS05-2610	47.3	9.8	56.3	60.2	54.2	41.3
SB-01	45.5	38.7	51.4	43.9	54.3	34.6
Location Mean		39.9	63.6	58.4	62.8	42.8
C.V. (%)		8.9	10.3	6.1	5.4	6.2
L.S.D. (5%)		7.2	13.2	7.2	6.8	5.4
Row Sp. (In.)		27	27	30	30	30
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	2

PRELIMINARY TEST IIIA, 2008

YIELD (bu/a)

Strain	Dewitt NE	Lincoln* NE	North* Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	83.9	31.1	57.9	39.0	63.7
IA3024	80.8	39.2	65.2	38.0	71.6
U98-311442 (SCN)	78.8	31.7	58.9	36.9	62.5
Macon (L)	81.0	36.9	56.3	33.6	61.3
A07-626001	79.6	34.0	49.5	37.9	65.2
A07-626022	88.4	32.3	60.6	33.6	70.8
A07-626035	76.5	36.5	57.3	31.4	59.0
A07-626043	80.5	48.5	57.4	37.0	62.1
A07-626045	79.2	41.4	63.7	31.0	61.8
A07-627006	83.4	35.2	56.8	34.0	65.4
A07-627021	75.5	35.5	51.2	39.9	61.3
A07-627024	76.3	38.5	53.0	33.2	62.9
A07-627026	79.4	43.7	64.9	39.1	64.3
A07-627028	82.8	40.8	69.0	36.3	64.2
A07-627030	80.5	33.9	47.9	39.2	66.7
A07-627033	79.5	46.9	56.5	36.0	65.2
A07-627034	87.1	40.9	56.0	32.3	69.7
A07-627039	84.0	41.0	59.3	35.1	64.5
A07-627042	81.6	32.9	55.4	38.7	63.2
CL04-651	80.8	49.0	61.0	32.7	68.3
CL04-668	73.6	38.4	63.2	34.4	63.7
CL04-727	71.7	42.3	49.0	37.4	68.1
CL04-13217	77.1	39.0	58.7	32.9	65.0
CL04-13234	79.5	30.8	63.2	38.4	68.7
CL04-132315	84.9	41.9	62.8	37.6	67.1
CL04-132319	79.4	47.5	61.4	44.9	75.8
CL04-1323141	87.7	42.9	64.3	36.7	72.7
CL05-19292	77.6	31.2	59.6	36.5	62.8
CL05-20251	80.3	44.7	59.2	36.0	70.7
CL05-20252	83.5	40.3	58.8	36.6	74.6
LS05-0107	62.4	26.4	36.1	31.9	42.1
LS05-0202	70.6	42.5	51.1	40.7	79.4
LS05-0216	81.7	34.3	90.5	35.3	57.9
LS05-0220	60.0	27.4	32.8	28.1	66.8
LS05-0242	66.3	28.7	46.4	30.5	60.1
LS05-1065	59.2	36.3	49.8	32.0	56.7
LS05-2610	73.0	42.5	72.2	35.9	47.4
SB-01	62.4	42.8	45.6	30.5	48.6
Location Mean	77.6	38.2	57.4	35.6	64.3
C.V. (%)	8.5	19.5	17.6	9.0	6.6
L.S.D. (5%)	16.4	18.6	25.0	6.4	8.5
Row Sp. (In.)	30	30	30	7.5	15
Rows/Plot	4	4	4	8	6
Reps	2	2	2	2	2

PRELIMINARY TEST IIIA, 2008

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	9	11	10	16	14	5
IA3024	4	2	12	21	1	11
U98-311442 (SCN)	10	19	4	6	3	6
Macon (L)	26	22	30	34	24	7
A07-626001	11	26	7	12	2	16
A07-626022	2	7	1	13	23	1
A07-626035	31	16	31	26	33	34
A07-626043	14	6	16	19	9	32
A07-626045	29	3	28	29	25	36
A07-627006	14	9	15	35	11	19
A07-627021	25	29	24	28	30	2
A07-627024	26	10	32	23	16	29
A07-627026	23	17	21	30	34	23
A07-627028	21	14	37	18	13	27
A07-627030	23	25	35	24	22	9
A07-627033	30	31	34	31	28	12
A07-627034	8	5	3	14	20	15
A07-627039	20	23	14	26	27	21
A07-627042	21	4	29	33	18	35
CL04-651	13	15	16	5	21	20
CL04-668	28	32	8	20	18	27
CL04-727	19	27	6	6	12	30
CL04-13217	16	18	20	4	10	7
CL04-13234	2	1	2	15	5	4
CL04-132315	7	20	16	3	4	9
CL04-132319	4	24	9	1	15	13
CL04-1323141	1	13	5	10	6	17
CL05-19292	18	20	13	8	8	31
CL05-20251	12	11	19	9	26	22
CL05-20252	6	7	11	2	7	25
LS05-0107	38	37	25	36	35	38
LS05-0202	17	30	26	11	17	3
LS05-0216	32	35	26	22	32	33
LS05-0220	33	33	23	32	31	25
LS05-0242	34	34	22	25	29	18
LS05-1065	37	38	38	37	38	13
LS05-2610	35	36	33	16	37	23
SB-01	36	28	36	38	36	37

PRELIMINARY TEST IIIA, 2008

YIELD RANK

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	6	34	20	6	22
IA3024	13	18	4	9	5
U98-311442 (SCN)	24	32	17	14	27
Macon (L)	12	22	25	26	30
A07-626001	18	28	32	10	16
A07-626022	1	31	13	26	6
A07-626035	27	23	22	34	33
A07-626043	15	2	21	13	28
A07-626045	23	13	7	35	29
A07-627006	8	26	23	25	15
A07-627021	29	25	29	3	30
A07-627024	28	20	28	28	25
A07-627026	21	6	5	5	20
A07-627028	9	16	3	18	21
A07-627030	15	29	34	4	14
A07-627033	19	4	24	19	16
A07-627034	3	15	26	31	8
A07-627039	5	14	15	23	19
A07-627042	11	30	27	7	24
CL04-651	13	1	12	30	10
CL04-668	30	21	8	24	22
CL04-727	32	11	33	12	11
CL04-13217	26	19	19	29	18
CL04-13234	19	35	8	8	9
CL04-132315	4	12	10	11	12
CL04-132319	21	3	11	1	2
CL04-1323141	2	7	6	15	4
CL05-19292	25	33	14	17	26
CL05-20251	17	5	16	19	7
CL05-20252	7	17	18	16	3
LS05-0107	35	38	37	33	38
LS05-0202	33	9	30	2	1
LS05-0216	10	27	1	22	34
LS05-0220	37	37	38	38	13
LS05-0242	34	36	35	36	32
LS05-1065	38	24	31	32	35
LS05-2610	31	9	2	21	37
SB-01	35	8	36	36	36

PRELIMINARY TEST IIIA, 2008

MATURITY (date)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	9/27	10/2	9/29	9/28	9/22	10/9
IA3024	-2.6	-5	-5	-6	-2	-1
U98-311442 (SCN)	5.1	6	4	3	9	0
Macon (L)	2.9	4	2	2	4	1
A07-626001	0.0	-1	1	-1	-1	-2
A07-626022	-2.0	-3	-4	-3	-2	-2
A07-626035	-2.0	-1	-3	-4	-2	-2
A07-626043	-1.7	-2	-4	-3	-1	-3
A07-626045	-3.1	-4	-5	-5	-2	-3
A07-627006	-2.9	-3	-4	-6	-2	-2
A07-627021	-1.7	0	-3	-5	-1	-3
A07-627024	-2.5	-2	-4	-6	-1	-3
A07-627026	0.7	-1	1	-2	2	-1
A07-627028	-0.7	-1	-3	-4	0	-2
A07-627030	-2.2	-2	-6	-5	-2	1
A07-627033	-2.1	-3	-3	-5	-2	-2
A07-627034	2.8	2	2	1	5	2
A07-627039	2.2	2	2	0	3	2
A07-627042	-1.9	-2	-5	-6	-1	-2
CL04-651	1.5	1	1	-2	4	-2
CL04-668	1.1	1	-2	-3	4	-2
CL04-727	0.7	0	-1	-2	2	-2
CL04-13217	2.3	1	0	2	5	-1
CL04-13234	2.1	4	0	1	4	-2
CL04-132315	0.8	-1	-3	2	2	-2
CL04-132319	1.7	2	-1	2	2	-1
CL04-1323141	7.2	7	5	4	10	5
CL05-19292	5.6	5	3	4	7	4
CL05-20251	6.2	5	5	4	8	3
CL05-20252	6.2	6	4	3	8	4
LS05-0107	5.0	1	3	4	8	3
LS05-0202	5.8	7	3	4	7	2
LS05-0216	5.8	6	4	5	9	2
LS05-0220	5.1	7	2	3	6	3
LS05-0242	3.9	4	1	2	5	-1
LS05-1065	2.4	4	2	1	2	1
LS05-2610	5.4	2	3	4	8	5
SB-01	3.4	4	3	0	5	3
Date Planted	5/22	5/6	5/8	5/29	5/22	6/16
Days to Mature	128	149	144	122	123	115

PRELIMINARY TEST IIIA, 2008

MATURITY (date)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	9/28		9/30	9/15	9/21
IA3024	-5		0	1	-1
U98-311442 (SCN)	3		6	10	5
Macon (L)	0		5	9	-0
A07-626001	-2		4	2	-1
A07-626022	-4		0	-1	-1
A07-626035	-2		-1	0	-3
A07-626043	-4		1	1	-1
A07-626045	-5		-1	-2	-2
A07-627006	-6		-1	0	-2
A07-627021	-4		3	-1	-2
A07-627024	-6		-1	1	-1
A07-627026	-1		1	6	0
A07-627028	-2		4	1	-0
A07-627030	-4		1	-1	-2
A07-627033	-4		-1	1	-1
A07-627034	1		7	2	5
A07-627039	-1		6	4	3
A07-627042	-5		1	2	-0
CL04-651	-1		6	5	2
CL04-668	-1		5	7	1
CL04-727	-1		4	6	0
CL04-13217	0		5	7	2
CL04-13234	-2		5	7	2
CL04-132315	-3		4	8	-0
CL04-132319	-3		3	8	2
CL04-1323141	5		10	10	9
CL05-19292	2		10	12	4
CL05-20251	5		10	10	6
CL05-20252	4		10	11	6
LS05-0107	3		10	10	4
LS05-0202	4		9	11	6
LS05-0216	4		9	9	5
LS05-0220	4		9	7	6
LS05-0242	3		9	9	4
LS05-1065	0		5	8	0
LS05-2610	3		8	11	6
SB-01	2		3	7	4
Date Planted	5/19		6/11	5/25	5/1
Days to Mature	132		111	113	143

PRELIMINARY TEST IIIA, 2008

LODGING (score)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	1.5	1.8	3.8	1.0	1.0	2.0
IA3024	1.5	1.5	3.0	1.5	1.3	2.0
U98-311442 (SCN)	1.6	2.0	3.5	2.0	1.0	1.5
Macon (L)	1.6	1.8	3.5	2.0	1.0	1.5
A07-626001	1.6	2.0	3.3	2.0	1.0	2.0
A07-626022	1.5	1.3	3.0	1.8	1.0	2.0
A07-626035	1.7	2.0	3.8	1.8	1.0	2.0
A07-626043	1.4	1.5	3.0	1.5	1.0	1.5
A07-626045	1.6	2.0	3.5	1.8	1.0	2.0
A07-627006	1.6	1.5	3.3	1.5	1.3	2.0
A07-627021	1.6	1.5	3.0	1.8	1.3	2.5
A07-627024	1.6	2.5	3.5	1.5	1.3	1.5
A07-627026	1.6	2.3	3.3	1.8	1.0	2.0
A07-627028	1.6	2.0	4.0	1.8	1.3	1.5
A07-627030	1.8	1.8	4.3	2.0	1.5	2.0
A07-627033	1.9	2.3	4.3	2.0	1.5	2.0
A07-627034	1.4	1.3	3.0	1.5	1.0	2.0
A07-627039	1.5	1.5	3.3	2.0	1.0	1.5
A07-627042	1.4	1.3	3.3	1.5	1.0	1.5
CL04-651	1.4	1.5	2.8	1.8	1.3	1.0
CL04-668	1.5	1.5	3.0	1.5	1.0	2.0
CL04-727	1.4	1.5	3.0	1.5	1.0	1.0
CL04-13217	1.4	1.5	3.5	1.5	1.0	1.0
CL04-13234	1.4	1.3	3.0	1.3	1.0	1.5
CL04-132315	1.6	1.5	3.3	2.0	1.0	2.0
CL04-132319	1.5	1.5	2.8	2.0	1.0	2.0
CL04-1323141	2.1	1.8	3.5	2.5	2.0	2.0
CL05-19292	1.4	1.5	2.5	2.0	1.0	1.5
CL05-20251	1.5	1.5	2.5	2.0	1.0	1.5
CL05-20252	1.4	1.5	2.3	1.8	1.0	1.5
LS05-0107	1.6	1.0	2.5	1.5	1.0	1.5
LS05-0202	1.8	1.5	4.0	2.3	1.3	1.0
LS05-0216	1.4	1.0	2.3	1.8	1.0	1.5
LS05-0220	1.4	1.5	2.5	2.0	1.5	1.0
LS05-0242	1.4	1.5	2.8	1.3	1.0	2.0
LS05-1065	1.8	1.0	3.5	1.5	1.5	2.0
LS05-2610	2.0	1.0	3.3	1.8	1.5	2.0
SB-01	1.8	1.3	4.0	2.3	1.5	2.0

PRELIMINARY TEST IIIA, 2008

LODGING (score)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	1.0		1.0	1.0	1.3
IA3024	1.0		1.0	1.0	1.1
U98-311442 (SCN)	1.0		1.0	1.0	1.5
Macon (L)	1.0		1.0	1.0	1.6
A07-626001	1.0		1.0	1.0	1.4
A07-626022	1.0		1.0	1.0	1.3
A07-626035	1.0		1.0	1.0	1.6
A07-626043	1.0		1.0	1.0	1.3
A07-626045	1.0		1.0	1.0	1.3
A07-627006	1.0		1.0	1.0	1.5
A07-627021	1.0		1.0	1.0	1.4
A07-627024	1.0		1.0	1.0	1.3
A07-627026	1.0		1.0	1.0	1.3
A07-627028	1.0		1.0	1.0	1.1
A07-627030	1.0		1.0	1.0	1.3
A07-627033	1.5		1.0	1.0	1.7
A07-627034	1.0		1.0	1.0	1.2
A07-627039	1.0		1.0	1.0	1.3
A07-627042	1.0		1.0	1.0	1.4
CL04-651	1.0		1.0	1.0	1.5
CL04-668	1.0		1.0	1.0	1.4
CL04-727	1.0		1.0	1.0	1.4
CL04-13217	1.0		1.0	1.0	1.4
CL04-13234	1.0		1.0	1.0	1.4
CL04-132315	1.0		1.0	1.0	1.5
CL04-132319	1.0		1.0	1.0	1.6
CL04-1323141	1.0		2.0	1.0	2.7
CL05-19292	1.0		1.0	1.0	1.5
CL05-20251	1.0		1.0	1.0	1.9
CL05-20252	1.0		1.0	1.0	1.8
LS05-0107	1.0		3.5	1.0	1.7
LS05-0202	1.0		1.0	2.3	2.0
LS05-0216	1.0		1.0	1.0	1.8
LS05-0220	1.0		1.0	1.0	1.4
LS05-0242	1.0		1.0	1.0	1.3
LS05-1065	1.0		1.0	1.5	2.8
LS05-2610	1.0		1.0	1.5	4.9
SB-01	1.0		1.0	1.0	2.0

PRELIMINARY TEST IIIA, 2008

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	32	31	38	34	34	36
IA3024	31	30	34	34	32	35
U98-311442 (SCN)	33	32	39	34	36	35
Macon (L)	34	33	42	35	36	34
A07-626001	34	34	40	36	35	36
A07-626022	29	27	34	32	31	32
A07-626035	33	34	36	38	33	30
A07-626043	33	32	38	34	35	32
A07-626045	31	31	37	32	33	33
A07-627006	34	32	38	35	36	36
A07-627021	33	32	38	38	35	33
A07-627024	31	30	36	36	33	31
A07-627026	33	34	40	35	35	31
A07-627028	32	32	38	37	36	27
A07-627030	30	28	37	32	33	31
A07-627033	34	34	39	39	35	35
A07-627034	31	30	37	35	34	32
A07-627039	34	31	41	36	35	36
A07-627042	32	34	36	35	34	30
CL04-651	33	33	36	33	34	33
CL04-668	31	28	38	34	36	31
CL04-727	32	31	35	34	37	32
CL04-13217	32	32	37	34	36	35
CL04-13234	31	31	37	33	34	33
CL04-132315	33	30	38	37	37	35
CL04-132319	32	30	37	34	36	32
CL04-1323141	36	35	42	38	40	34
CL05-19292	34	32	40	37	38	33
CL05-20251	34	32	37	36	38	35
CL05-20252	33	28	38	37	37	31
LS05-0107	30	25	38	33	32	30
LS05-0202	37	31	45	40	42	33
LS05-0216	32	25	37	35	36	31
LS05-0220	34	34	37	38	39	33
LS05-0242	32	29	35	34	35	36
LS05-1065	32	19	38	36	39	31
LS05-2610	33	29	39	39	35	36
SB-01	38	35	43	40	39	42

PRELIMINARY TEST IIIA, 2008

PLANT HEIGHT (inches)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	35			22	27
IA3024	36			22	28
U98-311442 (SCN)	39			24	28
Macon (L)	42			22	27
A07-626001	38			25	28
A07-626022	33			20	21
A07-626035	37			23	30
A07-626043	41			22	28
A07-626045	36			23	25
A07-627006	41			25	27
A07-627021	39			26	27
A07-627024	37			24	24
A07-627026	35			25	27
A07-627028	37			24	27
A07-627030	34			22	26
A07-627033	41			25	28
A07-627034	34			20	27
A07-627039	39			23	27
A07-627042	38			22	26
CL04-651	37			24	31
CL04-668	33			24	27
CL04-727	34			24	27
CL04-13217	37			22	27
CL04-13234	34			22	28
CL04-132315	39			22	28
CL04-132319	35			23	28
CL04-1323141	42			27	34
CL05-19292	37			24	30
CL05-20251	40			23	30
CL05-20252	37			25	28
LS05-0107	32			22	26
LS05-0202	40			31	35
LS05-0216	35			25	28
LS05-0220	34			26	29
LS05-0242	36			26	25
LS05-1065	38			26	29
LS05-2610	37			25	25
SB-01	43			26	33

PRELIMINARY TEST IIIA, 2008

SEED SIZE (g/100)

Strain	Mean 10 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	15.2	14.8	16.1	14.5	14.3	16.0
IA3024	15.9	15.7	16.3	14.9	16.2	16.5
U98-311442 (SCN)	14.3	14.4	15.7	14.3	13.5	14.9
Macon (L)	16.0	16.8	17.8	16.2	16.3	16.2
A07-626001	12.4	12.6	14.3	12.7	12.3	11.8
A07-626022	15.8	15.5	17.8	15.6	15.4	15.9
A07-626035	16.4	16.4	17.0	15.5	17.2	16.7
A07-626043	13.9	14.0	15.2	13.8	13.9	13.6
A07-626045	14.7	15.7	15.9	13.9	14.3	15.0
A07-627006	17.7	17.9	19.4	17.3	18.2	18.6
A07-627021	13.6	13.7	14.6	13.1	13.7	14.6
A07-627024	16.2	16.8	18.2	16.0	16.2	17.3
A07-627026	14.5	15.3	16.2	13.9	13.9	14.1
A07-627028	17.1	16.9	18.4	17.0	16.8	16.7
A07-627030	15.4	15.1	16.1	14.5	15.2	15.1
A07-627033	14.2	14.3	15.3	13.5	13.5	14.7
A07-627034	16.5	16.0	17.5	16.0	16.7	15.8
A07-627039	13.9	12.9	15.9	13.0	12.8	13.6
A07-627042	13.7	13.7	14.3	12.5	14.4	13.6
CL04-651	15.7	15.9	17.6	15.7	15.0	14.6
CL04-668	17.1	17.2	18.8	17.0	18.0	16.0
CL04-727	13.9	13.9	15.6	13.7	13.4	12.9
CL04-13217	15.4	15.6	17.5	15.1	15.7	15.5
CL04-13234	15.3	15.2	16.7	15.0	15.0	14.7
CL04-132315	16.5	16.6	17.4	17.6	17.2	16.6
CL04-132319	16.9	16.9	18.6	17.3	16.5	16.9
CL04-1323141	16.7	17.0	18.9	17.3	16.0	16.8
CL05-19292	16.5	16.8	18.9	16.6	16.2	17.5
CL05-20251	15.6	16.0	17.3	16.6	15.1	15.7
CL05-20252	15.9	16.2	16.9	16.6	15.8	15.3
LS05-0107	14.9	15.8	15.8	14.9	14.7	15.0
LS05-0202	14.3	14.5	15.7	13.7	13.1	14.8
LS05-0216	16.9	18.0	19.6	17.2	17.2	16.9
LS05-0220	14.0	14.4	16.1	13.7	12.8	15.2
LS05-0242	13.8	13.6	15.3	14.6	13.1	15.2
LS05-1065	14.6	15.5	15.2	14.8	13.9	15.9
LS05-2610	16.9	18.2	18.3	17.4	17.5	17.1
SB-01	14.3	15.0	15.4	14.8	14.4	15.1

PRELIMINARY TEST IIIA, 2008

SEED SIZE (g/100)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	15.3	17.9	13.9	13.4	15.9
IA3024	15.4	18.5	15.8	13.6	16.1
U98-311442 (SCN)	12.3	16.7	13.4	13.5	14.2
Macon (L)	14.9	18.0	15.0	13.4	15.4
A07-626001	12.0	14.7	10.7	11.0	12.4
A07-626022	15.3	17.7	15.0	12.9	16.5
A07-626035	16.7	18.4	14.9	14.2	16.5
A07-626043	12.9	16.5	12.8	12.5	13.6
A07-626045	15.2	16.0	13.6	13.2	14.3
A07-627006	17.3	18.9	16.8	14.8	18.2
A07-627021	13.1	16.0	12.7	11.3	13.7
A07-627024	15.9	17.0	14.2	13.9	16.3
A07-627026	14.0	16.5	13.6	13.0	14.3
A07-627028	15.7	19.4	16.0	15.1	19.0
A07-627030	15.4	19.2	13.4	14.1	16.4
A07-627033	14.0	16.6	12.8	11.8	15.2
A07-627034	16.6	19.6	15.0	14.5	17.1
A07-627039	14.5	16.7	13.2	12.2	14.1
A07-627042	14.4	16.0	12.3	12.5	13.8
CL04-651	15.1	19.2	15.3	12.8	15.5
CL04-668	15.2	20.5	17.1	14.5	16.3
CL04-727	12.8	17.6	12.8	12.4	13.5
CL04-13217	14.2	18.1	14.7	12.5	15.5
CL04-13234	14.1	18.3	14.7	13.9	15.1
CL04-132315	14.7	18.9	15.6	14.4	16.4
CL04-132319	15.4	19.1	15.9	15.1	17.0
CL04-1323141	15.7	17.9	16.0	14.2	17.0
CL05-19292	14.4	19.1	15.5	14.0	16.0
CL05-20251	14.3	18.1	15.0	12.6	15.8
CL05-20252	14.6	19.1	14.3	14.6	16.0
LS05-0107	13.8	17.1	14.8	13.7	13.4
LS05-0202	13.1	16.9	13.8	13.1	14.5
LS05-0216	12.9	19.6	16.5	14.4	16.9
LS05-0220	13.2	16.8	13.4	10.5	13.5
LS05-0242	11.7	15.4	13.8	12.2	13.3
LS05-1065	13.2	16.3	14.3	12.6	14.1
LS05-2610	15.1	18.9	15.1	15.7	16.1
SB-01	12.4	16.1	13.1	12.5	14.3

PRELIMINARY TEST IIIA, 2008

SEED QUALITY (score)

Strain	Mean 5 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	1.3			1.0	1.0	2.0
IA3024	1.4			1.0	1.0	2.0
U98-311442 (SCN)	1.6			1.0	1.0	2.0
Macon (L)	1.5			1.0	1.0	3.0
A07-626001	1.8			1.0	1.0	3.0
A07-626022	1.4			1.0	1.0	2.0
A07-626035	2.0			2.0	1.5	3.0
A07-626043	1.8			2.0	1.0	3.0
A07-626045	1.8			1.0	1.5	3.0
A07-627006	1.8			2.0	1.5	3.0
A07-627021	1.4			1.0	1.0	2.0
A07-627024	1.9			2.0	1.5	3.0
A07-627026	1.4			1.0	1.0	2.0
A07-627028	1.8			2.0	1.0	3.0
A07-627030	1.3			1.0	1.0	2.0
A07-627033	1.6			1.0	1.0	2.0
A07-627034	1.5			2.0	1.0	2.0
A07-627039	1.4			1.0	1.0	2.0
A07-627042	1.5			1.0	1.0	3.0
CL04-651	1.3			1.0	1.5	2.0
CL04-668	1.8			1.0	2.0	2.0
CL04-727	1.4			1.0	1.5	2.0
CL04-13217	1.4			1.0	1.5	2.0
CL04-13234	1.4			1.0	1.0	2.0
CL04-132315	1.6			1.0	1.5	3.0
CL04-132319	1.4			1.0	1.0	2.0
CL04-1323141	1.8			2.0	1.5	2.0
CL05-19292	1.5			1.0	1.0	2.0
CL05-20251	1.6			1.0	1.0	2.0
CL05-20252	1.6			1.0	1.5	2.0
LS05-0107	2.0			1.0	1.5	3.0
LS05-0202	1.5			1.0	1.0	2.0
LS05-0216	1.5			1.0	1.5	2.0
LS05-0220	1.5			1.0	1.0	2.0
LS05-0242	1.5			1.0	1.0	3.0
LS05-1065	1.7			1.0	1.0	3.0
LS05-2610	1.8			1.0	1.5	2.0
SB-01	1.5			1.0	1.0	3.0

PRELIMINARY TEST IIIA, 2008

SEED QUALITY (score)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)				1.0	1.5
IA3024				1.0	2.0
U98-311442 (SCN)				2.0	1.8
Macon (L)				1.0	1.6
A07-626001				2.0	1.8
A07-626022				1.0	1.8
A07-626035				2.0	1.5
A07-626043				1.0	1.8
A07-626045				2.0	1.3
A07-627006				1.0	1.5
A07-627021				2.0	1.0
A07-627024				1.0	1.8
A07-627026				1.0	2.0
A07-627028				1.0	1.8
A07-627030				1.0	1.5
A07-627033				2.0	1.8
A07-627034				1.0	1.5
A07-627039				1.0	1.8
A07-627042				1.0	1.3
CL04-651				1.0	1.0
CL04-668				2.0	1.8
CL04-727				1.0	1.5
CL04-13217				1.0	1.5
CL04-13234				1.0	1.8
CL04-132315				1.0	1.5
CL04-132319				1.0	1.8
CL04-1323141				2.0	1.5
CL05-19292				2.0	1.5
CL05-20251				2.0	2.0
CL05-20252				2.0	1.5
LS05-0107				2.0	2.5
LS05-0202				2.0	1.5
LS05-0216				1.0	1.8
LS05-0220				2.0	1.5
LS05-0242				1.0	1.5
LS05-1065				2.0	1.5
LS05-2610				2.0	2.5
SB-01				1.0	1.5

PRELIMINARY TEST IIIA, 2008

PROTEIN (%)

Strain	Mean 5 Tests	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS	South Charleston OH
IA3023 (III)	32.7	32.6	32.8	32.1	33.9	32.1
IA3024	32.3	31.7	30.7	32.0	34.6	32.5
U98-311442 (SCN)	34.9	35.0	35.4	34.2	36.1	33.9
Macon (L)	34.4	33.9	33.0	34.8	36.2	33.9
A07-626001	33.8	34.5	32.7	33.4	35.4	33.1
A07-626022	35.0	34.7	33.4	36.4	36.6	33.8
A07-626035	34.7	33.9	33.3	34.4	36.4	35.2
A07-626043	34.0	34.4	33.2	33.0	35.6	33.7
A07-626045	34.8	35.4	34.2	34.2	36.2	33.8
A07-627006	35.2	34.5	33.9	35.2	37.1	35.3
A07-627021	34.0	32.9	34.0	34.0	35.9	33.3
A07-627024	35.4	36.4	35.0	34.5	36.3	35.0
A07-627026	34.0	32.9	33.3	34.1	36.3	33.4
A07-627028	34.4	34.4	34.0	33.9	36.7	33.1
A07-627030	33.6	35.0	33.0	32.2	35.7	32.2
A07-627033	33.9	33.5	33.3	32.9	36.1	33.5
A07-627034	34.3	33.8	33.9	34.2	36.2	33.2
A07-627039	33.0	32.7	31.4	34.1	34.6	31.9
A07-627042	32.0	31.5	30.4	30.9	35.6	31.7
CL04-651	34.6	33.0	34.5	34.2	36.4	34.8
CL04-668	34.3	33.7	34.3	33.6	36.0	33.7
CL04-727	34.8	33.8	34.2	34.5	36.6	35.0
CL04-13217	35.0	34.1	34.7	34.9	36.5	34.7
CL04-13234	34.5	33.6	34.5	34.0	36.1	34.2
CL04-132315	34.0	32.8	34.9	33.0	35.3	34.0
CL04-132319	35.2	34.5	35.9	34.0	36.5	35.0
CL04-1323141	33.8	32.7	33.7	33.8	36.1	32.6
CL05-19292	34.2	34.3	33.0	33.1	36.5	33.8
CL05-20251	35.4	34.4	35.6	35.2	36.7	34.9
CL05-20252	34.6	33.6	33.8	35.0	36.2	34.2
LS05-0107	33.9	31.5	33.0	35.1	36.3	33.6
LS05-0202	33.6	32.0	32.4	33.7	35.5	34.4
LS05-0216	34.4	32.6	33.3	34.6	36.6	34.8
LS05-0220	34.5	33.2	34.9	34.0	35.9	34.3
LS05-0242	34.2	34.3	33.7	33.2	36.4	33.4
LS05-1065	32.6	33.5	31.7	32.2	33.9	31.8
LS05-2610	34.6	33.5	35.4	35.2	35.7	33.3
SB-01	33.2	33.3	31.9	33.2	35.0	32.9

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST IIIA, 2008

OIL (%)

Strain	Mean 5 Tests	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS	South Charleston OH
IA3023 (III)	19.2	19.1	19.7	19.4	18.4	19.3
IA3024	19.2	19.1	20.1	19.2	18.2	19.4
U98-311442 (SCN)	18.6	19.2	19.0	18.6	18.0	18.3
Macon (L)	18.4	18.6	19.1	18.7	17.1	18.5
A07-626001	18.4	18.6	19.0	18.4	17.6	18.5
A07-626022	19.1	19.2	19.4	19.1	18.8	18.8
A07-626035	18.4	18.6	19.2	18.7	17.4	18.1
A07-626043	18.8	19.0	19.5	19.1	18.0	18.3
A07-626045	18.9	18.6	19.5	19.0	18.6	18.9
A07-627006	18.7	18.4	19.2	19.6	17.4	19.1
A07-627021	18.6	18.4	18.8	18.6	18.6	18.4
A07-627024	18.5	19.4	19.0	18.4	17.4	18.1
A07-627026	17.8	18.3	18.5	17.9	15.7	18.6
A07-627028	19.1	19.4	19.8	19.4	18.0	19.1
A07-627030	19.6	19.4	19.9	20.4	18.4	19.9
A07-627033	19.4	19.7	19.8	20.0	18.5	19.1
A07-627034	18.7	19.2	19.0	19.0	17.4	18.7
A07-627039	19.2	19.2	20.0	20.0	18.2	18.8
A07-627042	19.4	19.3	20.5	20.2	18.2	18.7
CL04-651	17.5	18.4	17.7	17.9	15.4	17.9
CL04-668	18.6	18.9	19.6	18.7	17.1	18.9
CL04-727	17.9	18.9	18.2	17.9	16.6	17.9
CL04-13217	18.0	18.3	18.7	18.1	16.8	17.9
CL04-13234	18.1	18.4	19.1	18.4	16.6	17.8
CL04-132315	18.7	18.9	19.1	19.2	18.6	17.8
CL04-132319	18.0	18.2	18.7	18.7	16.8	17.7
CL04-1323141	17.9	18.1	18.7	17.9	16.0	18.6
CL05-19292	18.3	18.8	18.3	18.4	17.4	18.4
CL05-20251	17.7	17.9	18.2	18.1	16.8	17.5
CL05-20252	17.8	18.1	18.2	18.3	16.5	17.9
LS05-0107	19.2	20.3	19.6	19.2	17.5	19.3
LS05-0202	18.0	18.6	18.6	18.4	16.7	17.9
LS05-0216	18.2	18.7	18.6	18.1	18.1	17.6
LS05-0220	18.4	18.6	19.3	18.6	17.0	18.3
LS05-0242	18.5	18.9	19.0	18.6	17.5	18.7
LS05-1065	19.1	19.3	19.8	19.3	17.5	19.8
LS05-2610	19.0	19.0	19.6	19.7	18.0	18.6
SB-01	19.2	19.8	19.9	19.2	17.7	19.5

Preliminary Test IIIB, 2008

Ent.	Strain	Parentage	Seed Source	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	Fehr	F5	
2.	IA3024	A97-553017 x Pioneer YB33A99	Fehr		1% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	Graef	F5	SCN
4.	Macon (L)	Sherman x Resnik	Diers	F5	
5.	AR06-364012	G03-3 x Ag03-4	Cianzio	F3	
6.	AR06-364014	G03-3 x Ag03-5	Cianzio	F3	
7.	AR06-364016	G03-3 x Ag03-5	Cianzio	F3	
8.	AR07-376031	S16-Y6 x LS99-2235	Cianzio	F4	SDS
9.	AR07-376032	Ag03-3 x Ag03-5	Cianzio	F4	
10.	AR07-376041	G03-1 x G03-3	Cianzio	F4	
11.	AR07-376048	G03-1 x Ag03-6	Cianzio	F4	
12.	AR07-376052	G03-1 x Ag03-1	Cianzio	F4	
13.	HS6-3810	Kottman x HS0-3248	St. Martin	F5	
14.	HS6-3890	HS98-7826(2) x PI 399.073	St. Martin	BC1F5	
15.	HS6-3966	HS98-7826(2) x PI 399.073	St. Martin	BC1F5	
16.	LG04-4717	LG97-8905 x LG97-8789	Nelson	F6	
17.	LG05-2359	LG97-7012 x Loda	Nelson	F6	
18.	LG05-4092	C1979 x LG98-1445	Nelson	F6	
19.	LG05-4126	C1979 x LG98-1445	Nelson	F6	
20.	LG05-4356	LG96-1971 x C1979	Nelson	F6	
21.	LG05-4464	LG97-8984 x A98-884037	Nelson	F6	
22.	LG05-4832	LG98-5579 x A98-980047	Nelson	F6	
23.	U05-210042	U97-209053-11-22 x Essex	Graef	F4	BPMV, RSV4 - ?
24.	U05-214086	U97-201128-211 x UX1708	Graef	F4	
25.	U05-216086	U97-201128-211 x UX1708	Graef	F4	
26.	U05-216106	U97-201128-211 x UX1708	Graef	F4	
27.	U05-222052	U98-307917 x UP1C1-92-102	Graef	F4	
28.	U05-224055	U98-307917 x UP1C1-92-102	Graef	F4	
29.	U05-226055	U98-307917 x UP1C4-95-30	Graef	F4	
30.	U05-703016	UP2YC3S3:4	Graef	F3	
31.	U05-703018	UP2YC3S3:4	Graef	F3	
32.	U05-708005	UP2YC3S3:4	Graef	F3	
33.	U05-710021	UP2YC3S3:4	Graef	F3	
34.	U05-716023	UP2YC3S3:4	Graef	F3	
35.	U05-720026	UP2YC3S3:4	Graef	F3	
36.	U05-726017	UP2YC3S3:4	Graef	F3	
37.	U05-741026	UP2YC3S3:4	Graef	F3	

PRELIMINARY TEST IIIB, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Shattering	PR		FE
		Score	Score	Lafayette		Laf.
		Humboldt	Manhattan	Race	Race	a
		IA	KS	4	7	rx.
IA3023 (III)	WLtTDYBII	3.5	1.0	S	S	S
IA3024	PGTDYIbI	3.9	1.0	R*	R*	S
U98-311442 (SCN)	PGTDYIbI	4.3	1.0	S	S	S
Macon (L)	WTBDYBII	3.9	1.0	S	S	S
AR06-364012	PTTDYBII	3.6	1.0	R*	R*	S
AR06-364014	PGTDYIbI	4.0	1.0	R*	R*	S
AR06-364016	PTBDYBII	4.0	1.0	S	R*	S
AR07-376031	PLtTDYBI+BrI	3.4	1.0	S	S	S
AR07-376032	PLtTBDYBII	3.8	1.0	R*	R*	-
AR07-376041	PGBDYLbf+YI	3.3	1.0	R*	R*	S
AR07-376048	PGTDYBfI	4.0	1.0	R*	R*	-
AR07-376052	PLtTTDYBII	3.6	1.0	R*	R*	-
HS6-3810	WLtTBDYBII	4.0	1.0	R*	R*	S
HS6-3890	WLtTTDYBII	4.1	1.0	R*	R*	S
HS6-3966	WLtTTDYIbI	3.9	1.0	R*	R*	S
LG04-4717	PGBDYBfI	4.0	1.0	H*	S	S
LG05-2359	WGTDYBfI	3.8	1.0	S	S	S
LG05-4092	PTBSYBII	3.4	1.0	S	S	S
LG05-4126	PTBDYBII	3.6	1.0	S	S	S
LG05-4356	PTBDYBII	3.6	1.0	S	S	S
LG05-4464	PGTDYIbI	4.3	1.0	R*	R*	S
LG05-4832	WLtTBDYBrI	3.6	1.0	S	S	S
U05-210042	PGBDYGrI	3.5	1.0	H*	R*	S
U05-214086	WLtTBDYBII	3.8	1.0	S	S	S
U05-216086	WLtTBDYBII	4.0	1.0	S	S	S
U05-216106	WLtTBDYBII	4.1	1.0	S	S	S
U05-222052	WLtTBDYBII	4.3	1.0	S	S	S
U05-224055	WLtTBDYBII	4.1	1.0	S	S	S
U05-226055	WLtTBDYBII	4.3	2.0	S	S	S
U05-703016	WLtTBDYBII	4.0	1.0	S	S	S
U05-703018	WLtTBDYBfI	4.0	1.0	S	S	S
U05-708005	PGBDYIbI	3.8	1.0	S	S	S
U05-710021	PLtTTDYBII	3.9	1.0	S	S	S
U05-716023	PLtTTDYBII	4.1	1.0	S	S	S
U05-720026	PLtTTDYBII	3.6	1.0	S	S	S
U05-726017	PLtTTDYBII	3.9	1.0	S	S	S
U05-741026	PLtTTDYBII	4.1	1.0	S	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST IIIB, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 9 bu/a	Rank 9 No.	Maturity 9 Date	Lodging 9 Score	Plant Height 8 In.	Seed Size 10 g/100	Seed Quality 5 Score	Composition	
								Protein 5 %	Oil 5 %
IA3023 (III)	56.8	7	9/27	1.6	31	15.0	1.3	33.0	19.2
IA3024	57.6	2	-3.4	1.4	31	15.6	1.8	33.1	19.1
U98-311442 (SCN)	56.2	10	5.1	1.6	31	14.4	2.0	35.1	18.4
Macon (L)	53.9	25	2.7	1.9	33	16.2	1.3	34.2	18.4
AR06-364012	56.3	9	-1.9	1.7	30	16.3	2.1	33.9	18.4
AR06-364014	54.6	19	-1.5	1.4	30	14.9	1.6	34.8	18.9
AR06-364016	57.6	2	2.8	1.7	33	14.6	1.7	34.5	18.0
AR07-376031	50.3	36	-1.7	1.5	32	14.2	1.3	34.2	18.7
AR07-376032	56.8	7	-0.0	1.4	29	15.8	1.6	35.3	18.3
AR07-376041	57.4	4	-2.2	1.5	31	13.4	1.3	33.2	18.6
AR07-376048	54.0	24	-6.8	1.3	29	14.7	1.4	34.4	18.8
AR07-376052	54.9	17	-7.1	1.3	26	17.3	1.5	34.8	18.7
HS6-3810	52.2	33	-0.7	1.4	32	15.2	1.3	35.1	18.2
HS6-3890	52.4	32	2.9	1.5	33	16.1	1.6	35.0	18.3
HS6-3966	55.4	14	2.7	1.6	33	16.3	1.3	34.8	18.2
LG04-4717	53.1	29	1.1	1.5	31	13.3	1.4	34.6	18.6
LG05-2359	55.9	12	5.8	1.8	34	13.9	2.0	33.1	18.8
LG05-4092	54.8	18	2.4	1.8	33	13.0	1.4	34.0	18.6
LG05-4126	50.9	35	4.9	1.6	32	14.4	2.0	33.5	19.3
LG05-4356	49.5	37	0.8	1.4	30	14.7	1.4	35.4	18.3
LG05-4464	54.3	20	2.5	1.8	33	15.0	1.6	33.8	19.3
LG05-4832	52.8	30	2.0	1.7	32	14.0	1.4	34.0	18.7
U05-210042	54.2	22	-4.4	1.6	31	14.4	2.5	33.2	18.8
U05-214086	53.5	27	-2.4	1.8	34	14.5	1.5	34.3	18.5
U05-216086	56.2	10	-1.5	1.7	34	14.7	1.5	34.5	18.4
U05-216106	54.2	22	-1.5	1.6	34	14.5	1.5	34.1	18.1
U05-222052	56.9	6	0.6	1.6	33	14.2	1.7	33.9	18.4
U05-224055	53.7	26	-1.1	1.6	33	14.5	1.5	33.6	18.4
U05-226055	57.8	1	2.5	1.6	34	15.0	1.3	33.7	18.8
U05-703016	54.3	20	-1.1	1.5	34	14.7	1.5	34.9	17.9
U05-703018	52.7	31	-3.2	1.5	32	13.3	1.9	33.5	19.0
U05-708005	51.9	34	-5.1	1.5	33	13.3	1.4	32.9	19.2
U05-710021	53.4	28	-3.5	1.5	32	14.9	1.6	34.0	18.4
U05-716023	55.0	15	1.7	1.7	36	15.6	1.5	35.4	17.9
U05-720026	55.0	15	4.1	1.7	37	15.9	2.0	35.1	17.4
U05-726017	55.8	13	-2.6	1.7	34	13.9	1.8	33.5	18.5
U05-741026	57.0	5	2.8	1.7	35	16.2	1.5	35.0	17.9

128.7 Days After Planting

PRELIMINARY TEST IIIB, 2008

YIELD (bu/a)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	56.8	47.5	68.8	60.1	55.1	47.9
IA3024	57.6	51.2	68.4	56.6	50.2	51.3
U98-311442 (SCN)	56.2	44.3	71.0	64.5	61.9	46.6
Macon (L)	53.9	43.8	58.5	51.8	52.6	47.0
AR06-364012	56.3	45.3	67.2	56.3	57.2	45.8
AR06-364014	54.6	42.2	66.9	51.8	48.9	46.7
AR06-364016	57.6	52.7	71.2	52.7	58.8	42.7
AR07-376031	50.3	33.3	64.4	53.2	64.8	43.8
AR07-376032	56.8	54.4	67.3	54.7	63.0	45.2
AR07-376041	57.4	50.2	61.0	55.7	61.6	51.7
AR07-376048	54.0	47.4	64.0	53.6	62.2	41.7
AR07-376052	54.9	51.2	67.0	54.7	60.5	42.6
HS6-3810	52.2	38.9	64.4	50.8	61.3	44.7
HS6-3890	52.4	37.7	61.3	50.5	55.2	37.4
HS6-3966	55.4	40.7	66.6	51.8	59.1	45.7
LG04-4717	53.1	32.8	63.2	56.5	64.7	41.7
LG05-2359	55.9	34.6	72.3	59.6	66.7	48.0
LG05-4092	54.8	45.3	59.7	56.9	61.5	41.5
LG05-4126	50.9	38.7	59.4	53.6	62.6	46.2
LG05-4356	49.5	28.6	67.7	48.4	52.0	42.5
LG05-4464	54.3	39.2	67.6	55.3	54.8	46.9
LG05-4832	52.8	37.9	55.7	55.3	60.8	43.6
U05-210042	54.2	32.3	61.6	57.4	62.1	46.5
U05-214086	53.5	37.2	63.7	54.2	56.5	45.9
U05-216086	56.2	41.0	73.0	54.4	66.5	45.1
U05-216106	54.2	38.7	65.4	51.3	59.9	40.4
U05-222052	56.9	50.0	63.7	55.7	57.8	50.3
U05-224055	53.7	42.2	64.1	53.1	55.1	45.1
U05-226055	57.8	48.6	63.0	56.8	63.5	42.4
U05-703016	54.3	34.6	65.2	56.1	57.9	42.9
U05-703018	52.7	47.2	63.2	53.1	43.7	42.2
U05-708005	51.9	42.3	62.7	52.7	54.1	48.7
U05-710021	53.4	43.9	61.7	54.8	56.4	42.4
U05-716023	55.0	47.8	60.1	58.2	59.5	42.7
U05-720026	55.0	49.4	56.6	58.5	57.8	44.8
U05-726017	55.8	44.6	62.0	57.4	60.0	48.3
U05-741026	57.0	44.1	65.2	59.6	64.8	43.2
Location Mean		42.7	64.4	55.1	58.7	44.9
C.V. (%)		10.5	7.7	6.6	14.7	5.7
L.S.D. (5%)		9.1	10.1	7.4	17.5	5.2
Row Sp. (In.)		27	27	30	30	30
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST IIIB, 2008

YIELD (bu/a)

Strain	Dewitt NE	Lincoln* NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	76.0	39.8	62.8	29.8	63.7
IA3024	79.6	41.6	55.7	33.7	71.6
U98-311442 (SCN)	61.8	36.0	67.4	25.8	62.5
Macon (L)	73.2	47.4	67.6	29.4	61.3
AR06-364012	69.8	35.7	71.4	36.9	57.1
AR06-364014	72.8	36.2	57.2	36.2	69.0
AR06-364016	80.3	39.3	62.5	30.8	66.9
AR07-376031	59.9	38.6	54.1	31.7	47.1
AR07-376032	71.1	37.8	64.0	31.3	60.5
AR07-376041	73.5	41.2	62.0	31.3	69.7
AR07-376048	68.7	28.2	57.7	32.8	58.1
AR07-376052	64.7	32.0	67.8	28.8	57.1
HS6-3810	62.4	45.1	47.4	33.9	65.8
HS6-3890	72.0	42.6	58.9	31.7	66.9
HS6-3966	74.9	42.6	57.0	33.3	69.8
LG04-4717	66.1	37.4	54.1	34.1	65.1
LG05-2359	67.5	38.9	54.1	33.0	67.0
LG05-4092	75.6	37.9	59.0	30.3	63.7
LG05-4126	40.2	45.4	66.6	30.7	60.0
LG05-4356	58.2	28.7	58.8	30.0	59.5
LG05-4464	75.0	40.1	58.9	27.5	63.3
LG05-4832	70.7	42.6	60.3	26.7	64.4
U05-210042	67.7	38.2	58.3	35.1	67.1
U05-214086	64.5	31.6	64.7	28.5	66.2
U05-216086	67.6	41.9	59.7	35.4	63.0
U05-216106	71.5	42.0	62.7	29.9	67.7
U05-222052	72.5	43.9	67.8	30.6	63.4
U05-224055	70.2	41.5	59.5	26.9	66.9
U05-226055	82.1	46.2	61.3	32.0	70.4
U05-703016	68.2	32.9	65.3	34.1	64.4
U05-703018	70.8	34.8	59.3	35.5	59.2
U05-708005	67.1	38.5	48.4	33.6	57.1
U05-710021	64.7	42.3	64.6	36.6	55.8
U05-716023	68.0	37.5	66.6	30.7	61.4
U05-720026	71.9	43.1	66.0	29.5	60.6
U05-726017	74.4	38.1	58.7	36.1	60.6
U05-741026	77.3	41.2	66.5	35.3	57.2
Location Mean	69.5	39.2	60.9	31.9	63.0
C.V. (%)	11.2	15.9	8.5	9.1	6.8
L.S.D. (5%)	19.3	15.4	12.9	5.9	8.5
Row Sp. (In.)	30	30	30	7.5	15
Rows/Plot	4	4	4	8	6
Reps	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST IIIB, 2008

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	7	10	5	2	30	7
IA3024	2	3	6	11	35	2
U98-311442 (SCN)	10	16	4	1	11	11
Macon (L)	25	19	35	32	33	8
AR06-364012	9	13	10	13	25	15
AR06-364014	19	21	12	32	36	10
AR06-364016	2	2	3	29	21	26
AR07-376031	36	34	17	26	3	22
AR07-376032	7	1	9	20	7	17
AR07-376041	4	5	31	15	12	1
AR07-376048	24	11	20	25	9	33
AR07-376052	17	3	11	20	16	28
HS6-3810	33	26	17	35	14	21
HS6-3890	32	30	30	36	28	37
HS6-3966	14	24	13	32	20	16
LG04-4717	29	35	23	12	5	33
LG05-2359	12	32	2	3	1	6
LG05-4092	18	13	33	9	13	35
LG05-4126	35	27	34	24	8	13
LG05-4356	37	37	7	37	34	29
LG05-4464	20	25	8	17	31	9
LG05-4832	30	29	37	17	15	23
U05-210042	22	36	29	7	10	12
U05-214086	27	31	21	23	26	14
U05-216086	10	23	1	22	2	18
U05-216106	22	27	14	34	18	36
U05-222052	6	6	21	15	23	3
U05-224055	26	21	19	28	29	18
U05-226055	1	8	25	10	6	30
U05-703016	20	32	15	14	22	25
U05-703018	31	12	23	27	37	32
U05-708005	34	20	26	30	32	4
U05-710021	28	18	28	19	27	30
U05-716023	15	9	32	6	19	26
U05-720026	15	7	36	5	24	20
U05-726017	13	15	27	7	17	5
U05-741026	5	17	15	3	4	24

PRELIMINARY TEST IIIB, 2008

YIELD RANK

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	5	18	14	29	17
IA3024	3	13	32	12	1
U98-311442 (SCN)	34	30	5	37	22
Macon (L)	11	1	4	31	24
AR06-364012	21	31	1	1	33
AR06-364014	12	29	30	3	5
AR06-364016	2	19	16	22	9
AR07-376031	35	21	33	18	37
AR07-376032	17	26	13	20	27
AR07-376041	10	15	17	20	4
AR07-376048	22	37	29	16	31
AR07-376052	30	34	2	32	33
HS6-3810	33	4	37	11	13
HS6-3890	14	7	24	18	9
HS6-3966	8	7	31	14	3
LG04-4717	28	28	33	9	14
LG05-2359	27	20	33	15	8
LG05-4092	6	25	23	26	17
LG05-4126	37	3	6	23	28
LG05-4356	36	36	26	27	29
LG05-4464	7	17	24	34	20
LG05-4832	19	7	19	36	15
U05-210042	25	23	28	8	7
U05-214086	32	35	11	33	12
U05-216086	26	12	20	6	21
U05-216106	16	11	15	28	6
U05-222052	13	5	2	25	19
U05-224055	20	14	21	35	9
U05-226055	1	2	18	17	2
U05-703016	23	33	10	9	15
U05-703018	18	32	22	5	30
U05-708005	28	22	36	13	33
U05-710021	30	10	12	2	36
U05-716023	24	27	6	23	23
U05-720026	15	6	9	30	25
U05-726017	9	24	27	4	25
U05-741026	4	15	8	7	32

PRELIMINARY TEST IIIB, 2008

MATURITY (date)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	9/27	10/2	9/29	9/27	9/22	10/9
IA3024	-3.4	-5	-5	-3	-3	-2
U98-311442 (SCN)	5.1	6	4	5	10	0
Macon (L)	2.7	4	2	2	4	4
AR06-364012	-1.9	-2	-7	-1	0	-2
AR06-364014	-1.5	-1	-4	-2	-1	-1
AR06-364016	2.8	3	1	3	4	1
AR07-376031	-1.7	-1	-3	-3	3	-3
AR07-376032	-0.0	1	-2	-2	3	-2
AR07-376041	-2.2	-2	-4	-3	-1	-3
AR07-376048	-6.8	-7	-9	-10	-3	-4
AR07-376052	-7.1	-7	-9	-10	-7	-3
HS6-3810	-0.7	-2	-2	-2	2	-2
HS6-3890	2.9	2	1	-1	5	2
HS6-3966	2.7	3	1	1	6	1
LG04-4717	1.1	3	1	4	1	0
LG05-2359	5.8	7	4	6	13	1
LG05-4092	2.4	3	3	4	6	-1
LG05-4126	4.9	4	2	3	11	2
LG05-4356	0.8	1	-1	3	2	-1
LG05-4464	2.5	5	2	3	2	1
LG05-4832	2.0	3	2	2	4	-1
U05-210042	-4.4	-6	-10	-4	-2	-3
U05-214086	-2.4	-3	-4	-1	-1	-3
U05-216086	-1.5	-1	-2	-3	1	-1
U05-216106	-1.5	-1	-3	-1	2	-3
U05-222052	0.6	2	1	0	1	-2
U05-224055	-1.1	0	-2	0	0	-2
U05-226055	2.5	2	1	1	6	2
U05-703016	-1.1	-2	-3	-1	1	-3
U05-703018	-3.2	-4	-5	-2	-2	-3
U05-708005	-5.1	-7	-8	-4	-2	-4
U05-710021	-3.5	-4	-7	-3	-2	-4
U05-716023	1.7	2	-1	3	4	-2
U05-720026	4.1	4	3	4	8	0
U05-726017	-2.6	-3	-6	-1	-1	-4
U05-741026	2.8	2	2	3	7	0
Date Planted	5/22	5/6	5/8	5/29	5/22	6/16
Days to Mature	129	149	144	121	123	115

PRELIMINARY TEST IIIB, 2008

MATURITY (date)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	9/28		10/8	9/14	9/21
IA3024	-5		-9	2	-1
U98-311442 (SCN)	4		1	11	5
Macon (L)	-1		0	10	-0
AR06-364012	-6		-5	6	-1
AR06-364014	-4		-6	5	1
AR06-364016	-1		1	7	7
AR07-376031	-3		-5	0	-1
AR07-376032	-5		-1	4	4
AR07-376041	-4		-6	2	0
AR07-376048	-12		-10	0	-7
AR07-376052	-11		-9	0	-7
HS6-3810	-4		-2	5	-0
HS6-3890	2		2	9	5
HS6-3966	0		1	7	5
LG04-4717	-2		0	5	-2
LG05-2359	3		3	11	5
LG05-4092	-1		-1	7	2
LG05-4126	3		1	11	7
LG05-4356	-2		-1	6	0
LG05-4464	0		1	9	0
LG05-4832	1		2	5	1
U05-210042	-6		-8	1	-2
U05-214086	-5		-7	3	-2
U05-216086	-3		-7	3	-1
U05-216106	-4		-7	3	-1
U05-222052	0		-3	4	2
U05-224055	-2		-6	1	1
U05-226055	1		-2	7	4
U05-703016	-4		-4	6	-1
U05-703018	-6		-8	2	-1
U05-708005	-8		-9	1	-6
U05-710021	-6		-6	3	-3
U05-716023	-1		1	9	0
U05-720026	1		3	11	4
U05-726017	-5		-8	4	-1
U05-741026	1		0	10	1
Date Planted	5/19		6/11	5/25	5/1
Days to Mature	132		119	112	143

PRELIMINARY TEST IIIB, 2008

LODGING (score)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	1.6	1.8	3.8	1.5	1.0	1.5
IA3024	1.4	1.5	3.0	1.8	1.0	1.5
U98-311442 (SCN)	1.6	2.0	3.5	1.8	1.0	1.5
Macon (L)	1.9	1.8	3.5	2.3	1.3	2.0
AR06-364012	1.7	1.5	3.3	2.0	1.3	2.0
AR06-364014	1.4	1.8	2.8	1.5	1.0	1.5
AR06-364016	1.7	1.8	3.0	1.8	1.0	2.0
AR07-376031	1.5	1.5	3.3	1.5	1.0	2.0
AR07-376032	1.4	1.5	3.0	1.3	1.0	1.5
AR07-376041	1.5	2.0	3.5	1.5	1.0	1.0
AR07-376048	1.3	1.8	3.0	1.0	1.0	1.0
AR07-376052	1.3	1.8	2.3	1.0	1.0	1.5
HS6-3810	1.4	1.3	2.8	1.5	1.0	1.5
HS6-3890	1.5	1.8	3.0	1.5	1.5	1.0
HS6-3966	1.6	1.8	3.0	1.5	1.5	1.5
LG04-4717	1.5	1.5	2.8	2.0	1.3	1.5
LG05-2359	1.8	1.5	3.3	2.8	2.0	1.5
LG05-4092	1.8	2.0	3.8	2.3	1.3	2.0
LG05-4126	1.6	1.5	3.5	2.0	1.0	1.5
LG05-4356	1.4	1.5	2.3	1.8	1.0	1.5
LG05-4464	1.8	1.8	3.3	2.5	1.8	2.5
LG05-4832	1.7	1.5	3.5	2.3	1.5	1.5
U05-210042	1.6	1.3	2.8	2.5	1.3	2.0
U05-214086	1.8	1.5	3.3	2.3	1.3	2.5
U05-216086	1.7	1.5	3.3	2.0	1.3	2.0
U05-216106	1.6	1.5	3.3	1.8	1.3	2.0
U05-222052	1.6	1.5	3.5	2.0	1.0	2.0
U05-224055	1.6	1.8	3.8	1.8	1.0	1.5
U05-226055	1.6	1.5	3.8	2.0	1.3	1.5
U05-703016	1.5	1.5	3.5	2.0	1.0	1.5
U05-703018	1.5	1.5	3.3	1.3	1.0	2.0
U05-708005	1.5	1.3	3.8	1.5	1.3	1.0
U05-710021	1.5	1.5	2.8	1.5	1.0	1.5
U05-716023	1.7	1.5	3.8	2.5	1.5	1.0
U05-720026	1.7	1.5	3.8	2.5	1.5	1.5
U05-726017	1.7	1.5	3.5	2.0	1.3	2.0
U05-741026	1.7	1.5	3.3	2.3	1.3	2.0

PRELIMINARY TEST IIIB, 2008

LODGING (score)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	1.0		1.0	1.5	1.3
IA3024	1.0		1.0	1.0	1.1
U98-311442 (SCN)	1.0		1.0	1.0	1.5
Macon (L)	1.0		2.5	1.0	1.6
AR06-364012	1.0		1.5	1.0	1.4
AR06-364014	1.0		1.0	1.0	1.2
AR06-364016	1.0		1.0	1.5	2.4
AR07-376031	1.0		1.0	1.0	1.2
AR07-376032	1.0		1.0	1.0	1.2
AR07-376041	1.0		1.0	1.0	1.3
AR07-376048	1.0		1.0	1.0	1.1
AR07-376052	1.0		1.0	1.0	1.1
HS6-3810	1.0		1.0	1.0	1.5
HS6-3890	1.0		1.0	1.0	1.6
HS6-3966	1.0		1.0	1.0	2.5
LG04-4717	1.0		1.0	1.0	1.3
LG05-2359	1.0		1.0	1.5	2.0
LG05-4092	1.0		1.5	1.0	1.3
LG05-4126	1.0		1.0	1.0	1.6
LG05-4356	1.0		1.0	1.0	1.6
LG05-4464	1.0		1.0	1.0	1.7
LG05-4832	1.0		1.0	1.0	1.8
U05-210042	1.0		1.5	1.0	1.4
U05-214086	1.0		1.5	1.0	1.5
U05-216086	1.0		1.5	1.0	1.4
U05-216106	1.0		1.5	1.0	1.3
U05-222052	1.0		1.0	1.0	1.6
U05-224055	1.0		1.0	1.0	1.4
U05-226055	1.0		1.0	1.0	1.5
U05-703016	1.0		1.0	1.0	1.3
U05-703018	1.0		1.0	1.0	1.5
U05-708005	1.0		1.0	1.0	1.5
U05-710021	1.0		1.5	1.0	1.6
U05-716023	1.0		1.0	1.0	1.6
U05-720026	1.0		1.0	1.0	1.8
U05-726017	1.0		1.5	1.0	1.5
U05-741026	1.0		1.5	1.0	1.3

PRELIMINARY TEST IIIB, 2008

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	31	31	38	34	32	34
IA3024	31	30	34	36	29	37
U98-311442 (SCN)	31	32	39	32	34	33
Macon (L)	33	33	42	35	36	35
AR06-364012	30	28	35	33	32	36
AR06-364014	30	29	37	32	31	36
AR06-364016	33	32	39	35	36	33
AR07-376031	32	32	41	36	36	31
AR07-376032	29	30	35	31	32	30
AR07-376041	31	29	36	33	33	37
AR07-376048	29	28	36	31	31	31
AR07-376052	26	25	32	30	30	28
HS6-3810	32	31	40	36	34	36
HS6-3890	33	32	39	35	35	34
HS6-3966	33	31	39	34	35	36
LG04-4717	31	28	37	36	33	33
LG05-2359	34	34	41	35	37	33
LG05-4092	33	31	40	36	36	36
LG05-4126	32	31	37	34	37	35
LG05-4356	30	26	37	34	32	32
LG05-4464	33	31	41	35	37	34
LG05-4832	32	27	37	35	37	38
U05-210042	31	24	35	34	35	36
U05-214086	34	31	44	36	36	34
U05-216086	34	30	43	38	37	40
U05-216106	34	33	42	34	38	37
U05-222052	33	34	39	34	37	38
U05-224055	33	34	39	34	37	38
U05-226055	34	34	41	35	37	35
U05-703016	34	30	43	37	36	37
U05-703018	32	34	41	35	32	33
U05-708005	33	35	39	38	36	34
U05-710021	32	30	36	37	34	38
U05-716023	36	35	43	37	40	42
U05-720026	37	37	46	40	42	37
U05-726017	34	33	41	38	38	34
U05-741026	35	34	42	38	38	37

PRELIMINARY TEST IIIB, 2008

PLANT HEIGHT (inches)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	34			18	27
IA3024	34			19	28
U98-311442 (SCN)	32			19	28
Macon (L)	35			21	27
AR06-364012	31			21	25
AR06-364014	30			20	26
AR06-364016	38			22	31
AR07-376031	33			20	23
AR07-376032	27			21	24
AR07-376041	33			21	24
AR07-376048	33			20	23
AR07-376052	25			18	20
HS6-3810	30			22	25
HS6-3890	35			23	29
HS6-3966	36			24	27
LG04-4717	34			22	27
LG05-2359	36			26	28
LG05-4092	34			22	28
LG05-4126	34			21	28
LG05-4356	30			21	29
LG05-4464	38			20	30
LG05-4832	33			22	27
U05-210042	34			23	27
U05-214086	37			24	29
U05-216086	35			21	27
U05-216106	39			21	27
U05-222052	35			22	27
U05-224055	36			21	28
U05-226055	35			23	28
U05-703016	38			24	28
U05-703018	34			22	28
U05-708005	35			21	25
U05-710021	34			22	26
U05-716023	36			25	30
U05-720026	38			24	30
U05-726017	37			23	27
U05-741026	40			25	27

PRELIMINARY TEST IIIB, 2008

SEED SIZE (g/100)

Strain	Mean 10 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	15.0	14.8	16.1	14.7	14.9	15.3
IA3024	15.6	15.7	16.3	15.2	15.7	15.9
U98-311442 (SCN)	14.4	14.4	15.7	15.3	14.6	13.9
Macon (L)	16.2	16.8	17.8	16.5	16.4	16.9
AR06-364012	16.3	16.4	16.8	15.2	17.1	17.2
AR06-364014	14.9	14.3	16.2	14.7	13.7	15.7
AR06-364016	14.6	14.4	16.4	14.3	14.6	15.3
AR07-376031	14.2	14.4	15.5	13.8	14.8	14.1
AR07-376032	15.8	16.5	17.0	14.8	16.6	16.3
AR07-376041	13.4	13.0	14.1	12.8	12.8	13.7
AR07-376048	14.7	14.0	14.9	13.3	15.5	15.2
AR07-376052	17.3	16.4	17.0	16.0	18.9	18.2
HS6-3810	15.2	15.2	17.0	15.0	15.5	15.3
HS6-3890	16.1	15.8	17.9	16.6	16.9	16.0
HS6-3966	16.3	16.7	18.2	16.5	17.7	15.8
LG04-4717	13.3	13.2	14.8	13.5	13.6	13.5
LG05-2359	13.9	13.4	15.3	14.0	14.2	14.4
LG05-4092	13.0	12.8	14.3	12.2	12.8	13.8
LG05-4126	14.4	14.6	15.5	12.9	15.5	14.4
LG05-4356	14.7	14.7	16.7	14.7	14.7	15.5
LG05-4464	15.0	14.7	16.4	15.4	14.7	15.5
LG05-4832	14.0	14.6	15.1	14.4	15.0	14.2
U05-210042	14.4	14.6	15.5	14.1	15.6	14.3
U05-214086	14.5	14.6	16.5	14.6	14.5	13.9
U05-216086	14.7	15.0	16.8	14.4	15.3	15.1
U05-216106	14.5	15.0	16.3	14.0	15.3	15.2
U05-222052	14.2	14.5	16.0	13.6	12.8	14.7
U05-224055	14.5	14.9	16.5	14.2	13.5	14.7
U05-226055	15.0	14.9	16.7	14.2	14.7	15.7
U05-703016	14.7	14.5	16.4	14.5	14.3	15.3
U05-703018	13.3	12.8	14.2	13.1	12.6	13.9
U05-708005	13.3	12.4	14.6	12.3	13.3	13.4
U05-710021	14.9	14.4	15.4	13.9	14.8	16.2
U05-716023	15.6	15.5	16.7	16.0	15.8	16.2
U05-720026	15.9	16.2	17.5	15.8	15.5	16.7
U05-726017	13.9	14.0	14.5	13.5	13.6	14.6
U05-741026	16.2	16.3	17.9	16.4	16.9	16.3

PRELIMINARY TEST IIIB, 2008

SEED SIZE (g/100)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)	14.1	17.3	14.1	12.9	15.9
IA3024	15.8	18.0	14.9	12.8	16.1
U98-311442 (SCN)	12.9	16.9	13.5	12.4	14.2
Macon (L)	15.1	17.9	15.8	13.1	15.4
AR06-364012	15.2	18.0	15.6	14.9	16.3
AR06-364014	14.6	17.1	13.8	13.2	15.7
AR06-364016	13.8	16.3	14.5	11.6	14.7
AR07-376031	12.8	16.3	13.4	12.8	13.9
AR07-376032	14.6	17.6	16.0	12.6	16.2
AR07-376041	12.6	15.8	13.2	11.7	13.9
AR07-376048	14.9	16.6	14.7	13.7	14.0
AR07-376052	17.7	19.0	17.4	15.5	16.5
HS6-3810	14.4	18.2	14.8	12.4	14.7
HS6-3890	15.1	18.1	15.6	12.6	16.5
HS6-3966	14.7	18.3	15.4	12.7	16.7
LG04-4717	12.1	15.5	12.8	11.4	12.9
LG05-2359	12.0	17.0	13.3	11.6	13.3
LG05-4092	11.4	15.5	12.7	11.3	13.1
LG05-4126	13.6	16.5	14.2	13.0	13.8
LG05-4356	12.6	17.4	14.6	12.1	14.0
LG05-4464	13.9	16.6	15.1	12.4	15.2
LG05-4832	12.0	15.9	13.6	11.7	14.1
U05-210042	13.6	15.7	13.5	12.6	14.3
U05-214086	14.1	15.5	14.4	11.9	14.7
U05-216086	13.6	16.7	13.7	12.2	14.6
U05-216106	13.4	16.6	13.9	11.5	14.1
U05-222052	13.7	16.3	13.9	11.5	14.6
U05-224055	14.2	16.5	14.3	12.1	13.9
U05-226055	14.7	16.2	14.8	13.3	15.2
U05-703016	13.8	16.9	14.5	13.0	13.8
U05-703018	13.1	15.7	12.6	12.8	12.7
U05-708005	13.1	16.2	12.3	12.8	12.7
U05-710021	13.9	18.4	14.3	14.1	13.9
U05-716023	13.9	17.8	15.9	13.0	15.4
U05-720026	14.9	18.4	15.7	13.6	14.8
U05-726017	12.7	17.0	13.8	12.2	13.2
U05-741026	14.3	19.0	16.0	14.0	15.2

PRELIMINARY TEST IIIB, 2008

SEED QUALITY (score)

Strain	Mean 5 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS
IA3023 (III)	1.3			1.0	1.0	2.0
IA3024	1.8			1.0	2.0	3.0
U98-311442 (SCN)	2.0			2.0	1.0	3.0
Macon (L)	1.3			1.0	1.0	2.0
AR06-364012	2.1			1.0	1.5	3.0
AR06-364014	1.6			1.0	2.0	2.0
AR06-364016	1.7			1.0	1.5	2.0
AR07-376031	1.3			1.0	1.0	2.0
AR07-376032	1.6			1.0	1.0	2.0
AR07-376041	1.3			1.0	1.0	2.0
AR07-376048	1.4			1.0	1.0	3.0
AR07-376052	1.5			1.0	1.5	3.0
HS6-3810	1.3			1.0	1.0	2.0
HS6-3890	1.6			1.0	1.5	2.0
HS6-3966	1.3			1.0	1.0	2.0
LG04-4717	1.4			1.0	1.0	2.0
LG05-2359	2.0			2.0	1.0	3.0
LG05-4092	1.4			1.0	1.0	2.0
LG05-4126	2.0			1.0	1.5	2.0
LG05-4356	1.4			1.0	1.0	2.0
LG05-4464	1.6			1.0	1.5	2.0
LG05-4832	1.4			1.0	1.0	2.0
U05-210042	2.5			2.0	1.0	3.0
U05-214086	1.5			1.0	1.0	2.0
U05-216086	1.5			1.0	1.0	2.0
U05-216106	1.5			1.0	1.0	2.0
U05-222052	1.7			1.0	1.0	3.0
U05-224055	1.5			1.0	1.0	2.0
U05-226055	1.3			1.0	1.0	2.0
U05-703016	1.5			1.0	1.0	2.0
U05-703018	1.9			2.0	2.0	3.0
U05-708005	1.4			1.0	1.0	2.0
U05-710021	1.6			1.0	1.5	2.0
U05-716023	1.5			1.0	1.0	2.0
U05-720026	2.0			2.0	1.0	3.0
U05-726017	1.8			2.0	1.5	2.0
U05-741026	1.5			1.0	1.0	2.0

PRELIMINARY TEST IIIB, 2008

SEED QUALITY (score)

Strain	Dewitt NE	Lincoln NE	North Bend NE	Hoytville OH	South Charleston OH
IA3023 (III)				1.0	1.5
IA3024				1.0	2.0
U98-311442 (SCN)				2.0	1.8
Macon (L)				1.0	1.6
AR06-364012				3.0	1.8
AR06-364014				1.0	1.8
AR06-364016				2.0	1.8
AR07-376031				1.0	1.5
AR07-376032				2.0	1.8
AR07-376041				1.0	1.5
AR07-376048				1.0	1.0
AR07-376052				1.0	1.0
HS6-3810				1.0	1.5
HS6-3890				1.0	2.3
HS6-3966				1.0	1.5
LG04-4717				1.0	1.8
LG05-2359				2.0	2.0
LG05-4092				1.0	2.0
LG05-4126				3.0	2.3
LG05-4356				1.0	2.0
LG05-4464				2.0	1.5
LG05-4832				1.0	1.8
U05-210042				4.0	2.3
U05-214086				2.0	1.5
U05-216086				2.0	1.5
U05-216106				2.0	1.3
U05-222052				2.0	1.3
U05-224055				2.0	1.5
U05-226055				1.0	1.3
U05-703016				2.0	1.3
U05-703018				1.0	1.5
U05-708005				1.0	1.8
U05-710021				1.0	2.3
U05-716023				1.0	2.3
U05-720026				1.0	2.8
U05-726017				2.0	1.5
U05-741026				1.0	2.5

PRELIMINARY TEST IIIB, 2008

PROTEIN (%)

Strain	Mean 5 Tests	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS	South Charleston OH
IA3023 (III)	33.0	32.8	31.7	32.3	35.0	ns
IA3024	33.1	32.5	33.3	32.2	34.3	ns
U98-311442 (SCN)	35.1	34.6	35.3	34.6	35.8	ns
Macon (L)	34.2	34.3	32.8	33.8	35.9	34.0
AR06-364012	33.9	33.1	32.7	34.4	35.0	34.1
AR06-364014	34.8	35.7	33.5	34.1	36.7	34.1
AR06-364016	34.5	33.3	32.9	33.4	37.1	35.8
AR07-376031	34.2	34.4	33.0	34.1	35.6	34.0
AR07-376032	35.3	34.6	34.9	35.2	36.9	35.1
AR07-376041	33.2	32.7	32.6	33.1	35.3	32.5
AR07-376048	34.4	33.4	34.0	34.7	35.8	34.1
AR07-376052	34.8	35.1	34.4	35.1	36.2	33.1
HS6-3810	35.1	35.4	34.1	35.1	36.4	34.5
HS6-3890	35.0	33.7	35.1	35.1	36.1	35.0
HS6-3966	34.8	33.5	34.6	34.7	36.4	34.9
LG04-4717	34.6	33.6	34.2	34.3	36.7	34.0
LG05-2359	33.1	30.7	33.0	33.2	35.0	33.6
LG05-4092	34.0	32.9	33.7	34.0	36.7	32.9
LG05-4126	33.5	32.3	32.6	33.4	35.8	33.5
LG05-4356	35.4	35.3	35.2	35.3	37.2	34.3
LG05-4464	33.8	33.3	35.5	33.1	34.8	32.3
LG05-4832	34.0	34.4	34.6	33.3	34.5	33.3
U05-210042	33.2	32.6	32.7	33.3	34.4	32.9
U05-214086	34.3	34.2	34.0	33.7	36.4	33.2
U05-216086	34.5	33.9	34.2	34.9	36.2	33.4
U05-216106	34.1	33.3	33.6	33.8	36.6	33.2
U05-222052	33.9	33.4	33.5	33.4	35.6	33.4
U05-224055	33.6	33.3	34.0	33.4	35.4	32.1
U05-226055	33.7	33.8	33.0	33.0	35.8	33.0
U05-703016	34.9	34.2	36.3	34.2	36.3	33.4
U05-703018	33.5	33.7	32.7	33.7	35.1	32.1
U05-708005	32.9	33.6	31.9	33.0	34.2	31.9
U05-710021	34.0	35.4	32.5	33.5	34.9	33.6
U05-716023	35.4	34.0	34.4	35.7	37.1	35.7
U05-720026	35.1	34.4	34.8	35.1	37.0	34.1
U05-726017	33.5	33.2	32.9	33.5	35.0	32.9
U05-741026	35.0	34.6	34.7	35.3	36.4	33.8

* Protein and Oil values converted to 13% moisture basis.

ns = no sample

PRELIMINARY TEST IIIB, 2008

OIL (%)

Strain	Mean 5 Tests	Carlisle IA	Urbana IL	Lafayette IN	Manhattan KS	South Charleston OH
IA3023 (III)	19.2	19.1	20.2	19.5	17.9	ns
IA3024	19.1	19.6	19.3	19.3	18.1	ns
U98-311442 (SCN)	18.4	18.9	18.9	17.8	17.8	ns
Macon (L)	18.4	18.6	19.3	19.0	16.6	18.5
AR06-364012	18.4	18.2	19.0	18.8	17.4	18.5
AR06-364014	18.9	19.8	20.0	18.9	17.8	18.1
AR06-364016	18.0	18.3	18.6	17.9	15.8	19.4
AR07-376031	18.7	19.4	19.2	19.2	17.1	18.5
AR07-376032	18.3	18.5	18.9	18.1	17.4	18.5
AR07-376041	18.6	18.8	19.3	18.6	17.3	19.0
AR07-376048	18.8	19.0	19.4	18.9	18.0	18.9
AR07-376052	18.7	18.7	19.2	18.6	17.9	19.3
HS6-3810	18.2	18.8	18.5	17.8	17.7	18.4
HS6-3890	18.3	18.8	19.0	18.7	17.0	17.9
HS6-3966	18.2	18.7	19.1	18.5	16.5	18.3
LG04-4717	18.6	19.0	18.7	18.6	17.5	19.1
LG05-2359	18.8	20.2	19.2	18.7	18.3	17.5
LG05-4092	18.6	19.0	19.3	19.0	16.4	19.5
LG05-4126	19.3	19.7	20.0	19.2	17.8	19.6
LG05-4356	18.3	18.8	18.6	18.1	17.7	18.5
LG05-4464	19.3	19.6	19.0	19.5	18.1	20.2
LG05-4832	18.7	19.4	19.8	18.8	17.1	18.1
U05-210042	18.8	18.9	19.2	19.0	18.3	18.5
U05-214086	18.5	18.5	18.7	18.6	17.7	19.0
U05-216086	18.4	18.3	18.8	18.8	17.1	18.8
U05-216106	18.1	18.7	18.9	18.6	15.2	19.1
U05-222052	18.4	19.0	18.8	18.5	17.4	18.5
U05-224055	18.4	18.6	18.9	18.7	16.7	19.1
U05-226055	18.8	19.1	19.3	18.6	18.2	18.8
U05-703016	17.9	18.4	19.1	18.2	15.4	18.6
U05-703018	19.0	18.7	19.4	19.0	18.7	19.4
U05-708005	19.2	18.8	20.0	19.1	18.8	19.2
U05-710021	18.4	19.4	19.0	18.3	17.1	18.0
U05-716023	17.9	18.1	18.6	18.3	16.7	17.8
U05-720026	17.4	17.9	18.2	17.5	15.2	18.2
U05-726017	18.5	18.5	19.1	18.7	17.7	18.8
U05-741026	17.9	18.3	18.5	17.6	16.3	18.7

Uniform Test IV, 2008

Ent.	Strain	Parentage		Previous Testing	Gen. Comp.	Unique Traits
1.	LD00-3309 (IV)	Maverick x Dwight	Diers	3	F5	SCN
2.	Macon (III)	Sherman x Resnik	Diers	11	F5	
3.	LD00-2817P (L)	Ina x Dwight	Diers	1	F5	SCN
4.	LD02-7222P	purple flower reselection LD02-7222 (Macon x LS93-0375)	Diers	1		SCN
5.	LD02-9050	LN97-24270 x LS93-0375	Diers	1		SCN
6.	LD04-12754	IA3023 x U98-311442	Diers	07 SCN PTIV	F5	SCN
7.	LG04-4866	LG97-9015 x HS93-4118	Nelson	new	F6	
8.	LG04-5187	LG97-9384 x LG97-9301	Nelson	new	F6	
9.	LG04-5190	LG97-9384 x LG97-9301	Nelson	new	F6	
10.	LG04-5196	LG97-9384 x LG97-9301	Nelson	new	F6	
11.	LG04-5372	Rend x LG97-9301	Nelson	new	F6	
12.	LG04-5377	Rend x LG97-9301	Nelson	new	F6	
13.	LG04-5993	HS93-4118 x LG97-9912	Nelson	1	F6	
14.	LG04-6000	HS93-4118 x LG97-9912	Nelson	1	F6	
15.	LG04-6449	LG97-9015 x IA3010	Nelson	new	F6	
16.	LG05-2356	LG97-7012 x Loda	Nelson	new	F6	
17.	LG05-4010	A96-591076 x LG98-5579	Nelson	new	F6	
18.	LG05-4292	LG94-4667 x LG97-9226	Nelson	new	F6	
19.	LG05-4317	LG94-4667 x LG98-1445	Nelson	new	F6	
20.	LG05-4354	LG96-1971 x C1979	Nelson	new	F6	
21.	LS04-30080	U98-205355 x LN97-26597	Klein	1	F5	SCN
22.	LS04-49077	LS93-0375 x LS97-3718	Klein	1	F6	SCN
23.	LS05-2202	SS98-3403 x NK S32-Z3	Klein	new	F5	
24.	LS05-2658	LD00-4976 x NK S43-B5	Klein	new	F5	
25.	LS05-2705	LD00-4976 x NK S43-B5	Klein	new	F5	
26.	LS05-3110	LS98-3032 x Ina	Klein	new	F6	
27.	LS05-3229	LS93-0375 x Ina	Klein	new	F6	
28.	LS05-3915	LS98-0656 x LS98-0160	Klein	new	F6	
29.	MD04-5060	U96-2208 x LS95-0709	Kenworthy	1	F5	
30.	MD05-5177	SS95-3486 x MD95-5358	Kenworthy	new	F5	
31.	MD05-5189	A97-973002 x MD96-5722	Kenworthy	new	F5	
32.	MD05-5769	TN95-95 x MD96-5722	Kenworthy	new	F5	

UNIFORM TEST IV, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Green Stem	Shattering	PR		FE	SDS
		Score Jackson TN	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Laf. a rx.	DX Valmeyer IL
LD00-3309 (IV)	PTBDYBII	1.0	1.0	S	S	S	30
Macon (III)	WTBDYBII	1.0	1.0	S	S	S	36
LD00-2817P (L)	PGBDYIbI	1.3	1.0	S	S	S	9
LD02-7222P	PTBDYBII	1.0	1.0	S	S	S	39
LD02-9050	PTTDYBII	1.0	1.0	S	S	S	18
LD04-12754	PTTDYBII	1.0	1.0	S	S	S	30
LG04-4866	WGDDYBr+LbrI	2.7	1.0	S	R*	S	24
LG04-5187	WTBDYBII	1.3	1.0	S	R*	S	10
LG04-5190	WTBDYBII	1.0	1.0	S	R*	S	16
LG04-5196	WTTDYBII	1.0	1.0	S	S	S	26
LG04-5372	WGBDYBfI	1.0	1.0	S	S	S	11
LG04-5377	WTBDYBII	1.0	1.0	S	S	S	31
LG04-5993	WLtTBDYBII	1.0	1.0	S	R*	S	38
LG04-6000	WLtTBDYBII	1.3	2.0	R*	R*	S	24
LG04-6449	PTBDYBI+Br+GrI	1.0	1.0	S	R*	S	17
LG05-2356	P+WGT+BDYIb+BfI	1.0	1.0	S	S	S	12
LG05-4010	WTBDYBII	1.0	1.0	S	S	S	35
LG05-4292	PGBDYIbI	1.0	1.0	S	R*	S	33
LG05-4317	WTBDYBII	1.0	1.0	S	S	S	43
LG05-4354	PTTDYBII	1.0	1.0	S	S	-	16
LS04-30080	PGBSYBfI	1.0	1.0	S	S	S	44
LS04-49077	WTTDYBII	1.0	1.0	S	S	S	10
LS05-2202	WT+LtTTDYBII	1.0	1.0	R*	R*	S	26
LS05-2658	WTTDYBrI	1.0	1.0	R*	R*	S	33
LS05-2705	WGBDYLbI	1.0	1.0	S	S	S	22
LS05-3110	WGBDYLbI	1.0	1.0	S	S	S	10
LS05-3229	PTTDYBII	1.3	1.0	S	S	S	11
LS05-3915	PTBDYBII	1.0	2.0	S	R*	S	31
MD04-5060	PGBDYLbI	1.0	1.0	S	S	S	31
MD05-5177	WTTDYBII	1.3	1.0	S	S	-	24
MD05-5189	PTTDYBII	1.0	1.0	S	S	S	15
MD05-5769	PTBDYBII	1.0	1.0	S	S	S	30

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST IV, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 11 bu/a	Rank 11 No.	Maturity 12 Date	Lodging 13 Score	Plant Height 13 In.	Seed Size 13 g/100	Seed Quality 12 Score	Composition	
								Protein 6 %	Oil 6 %
LD00-3309 (IV) Macon (III)	57.1 55.2	11 18	9/25 -2.9	1.4 1.6	31 31	12.4 15.6	1.8 1.7	34.7 34.4	17.6 18.5
LD00-2817P (L)	55.3	17	3.7	1.9	32	13.2	2.3	32.4	19.1
LD02-7222P	56.6	14	0.4	1.3	30	15.9	1.8	34.8	18.4
LD02-9050	57.0	12	-2.1	1.7	30	14.6	2.1	34.3	18.3
LD04-12754	60.0	2	0.1	1.4	29	14.0	1.7	33.9	18.2
LG04-4866	57.5	8	3.9	2.0	31	12.6	2.0	33.5	18.1
LG04-5187	58.2	7	2.3	2.2	34	17.4	1.8	35.0	17.8
LG04-5190	58.7	4	2.5	2.3	35	17.9	1.7	35.0	17.9
LG04-5196	56.7	13	1.2	2.2	34	16.9	1.9	34.9	17.8
LG04-5372	58.6	5	-2.2	1.7	34	13.1	1.9	34.1	18.6
LG04-5377	57.4	10	-1.5	2.1	33	13.6	2.0	34.2	18.2
LG04-5993	59.4	3	2.3	2.0	33	14.1	2.0	35.1	17.6
LG04-6000	62.1	1	2.8	2.0	34	13.9	1.8	34.5	17.5
LG04-6449	52.0	29	0.6	1.3	30	14.0	1.8	34.6	18.2
LG05-2356	54.0	22	1.1	1.9	32	14.4	1.7	34.1	18.4
LG05-4010	53.9	23	0.6	2.1	32	13.2	1.7	34.0	18.0
LG05-4292	56.3	16	0.7	1.3	35	14.7	1.8	34.4	18.6
LG05-4317	53.3	25	0.6	2.3	35	13.6	1.9	34.3	18.7
LG05-4354	57.5	8	-2.0	1.4	32	14.7	1.9	35.9	18.3
LS04-30080	53.2	26	-0.6	1.2	27	14.6	1.8	34.3	18.5
LS04-49077	54.3	21	2.2	2.0	33	14.6	1.8	35.2	18.3
LS05-2202	54.9	19	2.1	1.4	33	15.3	1.8	34.5	18.6
LS05-2658	53.8	24	5.1	2.0	32	16.4	2.2	35.4	18.0
LS05-2705	52.7	27	3.9	2.0	33	15.4	1.9	34.3	18.7
LS05-3110	50.5	31	1.7	1.8	33	12.1	1.9	33.9	18.4
LS05-3229	58.2	6	6.6	2.1	33	15.6	1.7	35.1	17.9
LS05-3915	56.4	15	2.9	1.6	34	14.6	1.7	35.2	18.1
MD04-5060	50.0	32	-4.8	1.3	30	14.5	2.1	32.7	19.6
MD05-5177	52.2	28	-0.8	2.3	34	14.0	1.7	35.5	17.8
MD05-5189	54.5	20	-0.5	2.2	35	16.0	1.7	35.1	18.1
MD05-5769	50.7	30	1.3	2.7	36	14.9	1.7	35.5	18.0

124.6 Days After Planting

UNIFORM TEST IV, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	22 bu/a	22 No.	25 Date	26 Score	26 In.	26 g/100	25 Score	14 %	14 %
LD00-3309 (IV)	54.6	3	9/23	1.4	33	11.8	1.8	34.7	17.3
Macon (III)	52.7	8	-2.1	1.5	33	15.3	1.7	34.7	18.3
LD00-2817P (L)	54.4	4	3.4	1.8	35	12.5	2.3	32.6	18.5
LD02-7222P	54.1	5	0.9	1.3	32	15.3	1.9	34.8	18.0
LG04-5993	57.1	2	3.8	2.0	36	13.8	1.9	35.4	16.9
LG04-6000	59.0	1	3.9	1.8	36	13.5	1.8	34.9	17.0
LS04-30080	53.7	6	-0.0	1.3	30	14.2	1.8	34.5	18.3
LS04-49077	53.0	7	2.8	1.9	35	14.4	1.8	35.4	18.0
MD04-5060	51.6	9	-3.6	1.5	33	14.6	2.2	32.7	19.4

123.5 Days After Planting

UNIFORM TEST IV, 2008

YIELD (bu/a)

Strain	Mean	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Manhattan KS	Ottawa KS
	11 Tests						
LD00-3309 (IV)	57.1	57.9	81.2	59.9	75.8	40.0	29.7
Macon (III)	55.2	59.1	84.6	57.8	63.4	47.1	31.7
LD00-2817P (L)	55.3	46.3	76.0	61.8	74.2	42.3	31.0
LD02-7222P	56.6	63.5	87.4	62.8	72.8	42.6	32.6
LD02-9050	57.0	59.4	84.5	63.2	68.5	43.3	31.5
LD04-12754	60.0	64.5	89.0	59.1	70.0	46.6	34.0
LG04-4866	57.5	51.3	83.0	60.5	59.8	48.0	34.7
LG04-5187	58.2	64.0	79.4	62.4	63.6	42.8	36.7
LG04-5190	58.7	68.6	82.9	62.0	64.7	42.3	35.5
LG04-5196	56.7	61.2	77.5	59.1	59.9	42.9	35.9
LG04-5372	58.6	56.9	86.5	60.7	69.0	44.0	33.3
LG04-5377	57.4	57.1	84.8	63.9	69.1	44.3	35.1
LG04-5993	59.4	67.5	88.0	58.3	62.3	43.7	33.9
LG04-6000	62.1	73.6	90.0	65.6	70.8	43.8	35.2
LG04-6449	52.0	48.1	80.7	47.9	66.5	42.8	33.2
LG05-2356	54.0	50.1	80.1	51.8	78.0	42.5	29.0
LG05-4010	53.9	51.0	82.0	60.8	65.9	46.8	31.2
LG05-4292	56.3	58.2	78.9	63.3	70.1	39.5	32.2
LG05-4317	53.3	48.5	76.2	50.5	69.1	38.2	31.4
LG05-4354	57.5	62.9	85.9	56.9	73.2	50.3	31.4
LS04-30080	53.2	40.0	81.8	56.4	68.9	39.0	31.7
LS04-49077	54.3	51.5	82.1	59.7	74.1	37.7	30.7
LS05-2202	54.9	59.1	81.7	57.9	68.8	41.1	28.3
LS05-2658	53.8	56.0	75.0	57.2	71.3	41.5	28.1
LS05-2705	52.7	62.4	69.9	49.7	70.5	35.6	28.5
LS05-3110	50.5	47.7	73.6	45.9	60.0	40.6	28.9
LS05-3229	58.2	61.9	78.3	63.6	77.5	43.2	33.0
LS05-3915	56.4	60.6	81.4	61.7	62.8	43.1	31.2
MD04-5060	50.0	58.1	70.7	55.7	66.4	44.6	31.0
MD05-5177	52.2	53.5	73.5	58.3	66.5	42.2	30.7
MD05-5189	54.5	63.0	77.8	59.7	66.6	41.4	32.0
MD05-5769	50.7	53.6	70.8	51.3	57.5	41.7	32.2
Location Mean		57.4	80.5	58.3	68.1	42.7	32.0
C.V. (%)		11.7	5.1	7.6	6.1	5.7	5.9
L.S.D. (5%)		10.9	6.7	9.0	6.7	3.9	3.1
Row Sp. (In.)		30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		3	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST IV, 2008

YIELD (bu/a)

Strain	Lexington KY	Queenstown* MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson* TN
LD00-3309 (IV)	32.5	29.0	58.0	54.8	72.4	65.7	23.8
Macon (III)	37.4	29.6	42.6	54.1	62.7	67.0	29.2
LD00-2817P (L)	34.4	34.6	51.4	52.7	74.4	63.3	11.9
LD02-7222P	35.6	36.7	48.5	49.8	65.6	61.0	29.4
LD02-9050	36.1	30.4	49.8	56.4	66.6	68.1	21.1
LD04-12754	38.1	38.8	59.3	56.7	71.3	71.2	25.4
LG04-4866	34.0	26.0	56.7	59.2	71.6	74.1	32.2
LG04-5187	38.5	26.3	48.6	56.3	74.6	72.8	25.3
LG04-5190	39.3	33.4	52.1	55.9	68.3	74.2	26.0
LG04-5196	39.2	28.8	52.5	53.4	71.6	70.1	21.8
LG04-5372	38.0	26.1	51.2	61.0	72.6	71.0	26.9
LG04-5377	36.8	27.5	41.9	58.0	74.0	66.1	35.0
LG04-5993	36.1	25.2	58.7	65.5	66.3	72.6	24.0
LG04-6000	39.0	34.7	56.2	65.4	72.3	71.1	37.6
LG04-6449	33.2	26.2	42.4	54.4	58.3	64.3	26.5
LG05-2356	33.9	39.6	40.8	55.4	65.0	67.6	13.9
LG05-4010	35.3	30.3	39.2	53.3	62.5	65.1	22.3
LG05-4292	38.2	37.5	53.5	56.5	67.8	61.1	23.7
LG05-4317	41.4	34.4	42.8	56.7	61.9	70.1	24.5
LG05-4354	40.9	30.3	50.0	55.0	51.8	74.7	25.4
LS04-30080	38.8	43.2	42.0	54.7	69.1	63.0	19.4
LS04-49077	36.7	39.0	41.8	52.5	63.4	67.6	15.7
LS05-2202	37.5	34.7	39.4	57.3	66.1	66.4	15.0
LS05-2658	33.1	40.7	38.7	57.9	65.3	67.9	17.0
LS05-2705	35.3	40.1	43.7	50.6	69.7	63.6	25.0
LS05-3110	38.2	29.1	51.6	49.1	69.5	50.5	15.9
LS05-3229	36.1	39.0	53.3	55.2	72.4	66.1	30.0
LS05-3915	36.6	39.7	51.9	62.7	59.3	69.2	23.9
MD04-5060	33.4	40.8	28.2	49.4	44.2	68.2	24.0
MD05-5177	36.0	36.6	39.6	51.4	60.9	61.8	25.5
MD05-5189	36.2	37.5	45.5	54.3	64.0	59.5	26.2
MD05-5769	36.9	26.5	36.1	56.0	58.1	63.2	27.6
Location Mean	36.6	33.5	47.1	55.7	66.1	66.8	24.1
C.V. (%)	7.3	16.0	9.9	6.3	7.1	7.4	21.3
L.S.D. (5%)	3.7	8.8	6.4	5.7	7.6	8.1	8.4
Row Sp. (In.)	16	24	30	30	30	15	30
Rows/Plot	6	4	4	4	4	6	4
Reps	3	3	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST IV, 2008

YIELD RANK

Strain	Yield Rank	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Manhattan KS	Ottawa KS
LD00-3309 (IV)	11	18	17	14	3	27	27
Macon (III)	18	14	8	22	26	3	16
LD00-2817P (L)	17	31	26	9	4	19	23
LD02-7222P	14	6	4	6	7	17	12
LD02-9050	12	13	9	5	18	11	18
LD04-12754	2	4	2	17	12	5	7
LG04-4866	8	25	10	13	31	2	6
LG04-5187	7	5	20	7	25	15	1
LG04-5190	4	2	11	8	24	19	3
LG04-5196	13	11	24	17	30	14	2
LG04-5372	5	20	5	12	15	8	9
LG04-5377	10	19	7	2	13	7	5
LG04-5993	3	3	3	19	28	10	8
LG04-6000	1	1	1	1	9	9	4
LG04-6449	29	29	18	31	20	15	10
LG05-2356	22	27	19	27	1	18	28
LG05-4010	23	26	13	11	23	4	21
LG05-4292	16	16	21	4	11	28	13
LG05-4317	25	28	25	29	13	30	19
LG05-4354	8	8	6	24	6	1	19
LS04-30080	26	32	14	25	16	29	16
LS04-49077	21	24	12	15	5	31	25
LS05-2202	19	14	15	21	17	25	31
LS05-2658	24	21	27	23	8	23	32
LS05-2705	27	9	32	30	10	32	30
LS05-3110	31	30	28	32	29	26	29
LS05-3229	6	10	22	3	2	12	11
LS05-3915	15	12	16	10	27	13	21
MD04-5060	32	17	31	26	22	6	23
MD05-5177	28	23	29	19	20	21	25
MD05-5189	20	7	23	15	19	24	15
MD05-5769	30	22	30	28	32	22	13

UNIFORM TEST IV, 2008

YIELD RANK

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	32	24	3	19	5	21	21
Macon (III)	13	22	21	23	24	17	6
LD00-2817P (L)	26	16	12	26	2	25	32
LD02-7222P	23	12	17	30	19	30	5
LD02-9050	19	19	15	12	16	13	25
LD04-12754	10	9	1	9	10	6	13
LG04-4866	27	31	4	5	8	3	3
LG04-5187	7	28	16	13	1	4	15
LG04-5190	3	18	9	15	14	2	11
LG04-5196	4	25	8	24	8	9	24
LG04-5372	11	30	13	4	4	8	8
LG04-5377	15	26	24	6	3	19	2
LG04-5993	19	32	2	1	17	5	18
LG04-6000	5	14	5	2	7	7	1
LG04-6449	30	29	22	21	29	23	9
LG05-2356	28	6	26	16	21	15	31
LG05-4010	24	20	29	25	25	22	23
LG05-4292	8	10	6	11	15	29	22
LG05-4317	1	17	20	9	26	9	17
LG05-4354	2	20	14	18	31	1	13
LS04-30080	6	1	23	20	13	27	26
LS04-49077	16	7	25	27	23	15	29
LS05-2202	12	14	28	8	18	18	30
LS05-2658	31	3	30	7	20	14	27
LS05-2705	24	4	19	29	11	24	16
LS05-3110	8	23	11	32	12	32	28
LS05-3229	19	7	7	17	5	19	4
LS05-3915	17	5	10	3	28	11	20
MD04-5060	29	2	32	31	32	12	18
MD05-5177	22	13	27	28	27	28	12
MD05-5189	18	10	18	22	22	31	10
MD05-5769	14	27	31	14	30	26	7

UNIFORM TEST IV, 2008

MATURITY (date)

Strain	Mean 12 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Manhattan KS	Ottawa KS
LD00-3309 (IV)	9/25	10/8	9/22	10/2	10/5	10/2	
Macon (III)	-2.9	-4	-2	-4	-11	-3	
LD00-2817P (L)	3.7	3	3	4	4	3	
LD02-7222P	0.4	-1	1	-2	-2	0	
LD02-9050	-2.1	-2	-2	-3	-8	-3	
LD04-12754	0.1	-1	0	0	-3	-2	
LG04-4866	3.9	4	4	3	-4	3	
LG04-5187	2.3	2	0	1	-5	2	
LG04-5190	2.5	2	2	1	-6	2	
LG04-5196	1.2	0	1	2	-5	0	
LG04-5372	-2.2	-4	-1	-2	-7	-3	
LG04-5377	-1.5	-3	-1	-1	-7	-2	
LG04-5993	2.3	4	5	4	-3	2	
LG04-6000	2.8	5	4	5	-1	3	
LG04-6449	0.6	0	0	2	-2	1	
LG05-2356	1.1	0	0	5	1	0	
LG05-4010	0.6	2	-1	4	-6	-0	
LG05-4292	0.7	-1	0	3	0	0	
LG05-4317	0.6	-3	2	2	-1	-0	
LG05-4354	-2.0	-1	-1	-1	-5	-2	
LS04-30080	-0.6	0	0	-3	-2	-1	
LS04-49077	2.2	2	-1	3	2	0	
LS05-2202	2.1	2	1	4	-1	1	
LS05-2658	5.1	4	6	6	5	3	
LS05-2705	3.9	3	5	5	2	3	
LS05-3110	1.7	-1	3	3	-1	-3	
LS05-3229	6.6	6	7	9	6	4	
LS05-3915	2.9	4	3	4	0	2	
MD04-5060	-4.8	-7	-12	-4	-8	-4	
MD05-5177	-0.8	-3	-3	0	1	-2	
MD05-5189	-0.5	1	-1	1	-1	-2	
MD05-5769	1.3	1	1	2	-2	0	
Date Planted	5/24	6/14	5/20	5/29	5/22	6/15	
Days to Mature	125	116	125	126	136	109	

UNIFORM TEST IV, 2008

MATURITY (date)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	9/8	10/6	9/30	9/29	9/9	9/10	9/26
Macon (III)	1	0	-2	-2	1	-4	-4
LD00-2817P (L)	5	6	3	1	4	4	4
LD02-7222P	4	7	-1	-2	1	-1	1
LD02-9050	0	1	-1	0	-4	-3	-1
LD04-12754	3	7	0	0	0	2	-5
LG04-4866	3	6	1	6	9	2	9
LG04-5187	6	5	0	3	8	1	4
LG04-5190	7	6	1	3	8	0	4
LG04-5196	6	4	0	2	4	1	0
LG04-5372	0	0	-2	-1	0	-1	-5
LG04-5377	0	1	-2	1	3	-4	-2
LG04-5993	4	5	0	1	1	3	1
LG04-6000	4	4	0	1	4	3	1
LG04-6449	3	1	0	1	3	1	-2
LG05-2356	0	1	0	1	4	1	-1
LG05-4010	0	5	-1	2	1	0	1
LG05-4292	4	1	0	1	0	1	-1
LG05-4317	3	0	0	0	1	2	2
LG05-4354	0	1	-2	-3	-6	0	-5
LS04-30080	1	1	-1	-1	1	0	-2
LS04-49077	7	4	1	3	2	1	2
LS05-2202	5	6	0	3	0	1	3
LS05-2658	9	6	2	3	8	4	5
LS05-2705	6	8	1	-1	7	6	2
LS05-3110	3	6	2	-1	3	2	4
LS05-3229	9	6	3	6	10	5	8
LS05-3915	5	6	1	0	4	3	3
MD04-5060	0	1	-3	-4	-8	-4	-5
MD05-5177	5	1	-2	-4	-2	1	-2
MD05-5189	2	1	-1	-4	3	-1	-4
MD05-5769	2	5	0	3	3	-0	1
Date Planted	5/7	6/13	5/20	5/31	5/10	5/1	5/13
Days to Mature	124	115	133	121	122	132	136

UNIFORM TEST IV, 2008

LODGING (score)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Manhattan KS	Ottawa KS
LD00-3309 (IV)	1.4	2.0	1.3	1.0	1.0	2.0	1.0
Macon (III)	1.6	2.7	1.0	1.8	1.5	2.0	1.0
LD00-2817P (L)	1.9	2.3	2.5	2.0	1.0	2.0	1.0
LD02-7222P	1.3	2.0	1.0	1.3	1.0	1.3	1.0
LD02-9050	1.7	2.3	1.7	1.3	2.5	1.7	1.0
LD04-12754	1.4	2.0	1.2	1.3	1.0	1.3	1.0
LG04-4866	2.0	3.7	2.3	3.0	1.7	1.7	1.0
LG04-5187	2.2	3.0	2.7	3.3	2.2	2.0	1.0
LG04-5190	2.3	3.0	2.8	3.5	2.5	2.0	1.0
LG04-5196	2.2	2.7	3.7	3.5	2.0	2.0	1.0
LG04-5372	1.7	2.7	2.0	2.3	1.5	1.7	1.0
LG04-5377	2.1	3.3	2.3	2.8	1.8	2.0	1.0
LG04-5993	2.0	2.7	3.3	2.8	2.3	1.3	1.0
LG04-6000	2.0	3.3	1.8	2.8	2.2	1.7	1.0
LG04-6449	1.3	2.7	1.0	1.0	1.0	1.7	1.0
LG05-2356	1.9	3.0	1.2	2.3	1.7	1.7	1.0
LG05-4010	2.1	3.7	1.3	2.8	2.8	2.0	1.0
LG05-4292	1.3	2.0	1.2	1.3	1.0	1.0	1.0
LG05-4317	2.3	3.3	3.3	3.0	2.0	2.0	1.0
LG05-4354	1.4	2.0	1.3	2.3	1.3	1.3	1.0
LS04-30080	1.2	2.0	1.3	1.0	1.0	1.0	1.0
LS04-49077	2.0	3.7	1.7	2.5	1.3	2.7	1.0
LS05-2202	1.4	2.0	1.0	2.3	1.2	1.7	1.0
LS05-2658	2.0	3.3	1.8	2.8	1.3	2.0	1.0
LS05-2705	2.0	2.3	2.8	1.8	1.0	1.7	1.0
LS05-3110	1.8	2.7	2.3	1.5	1.5	1.7	1.0
LS05-3229	2.1	3.3	2.2	2.0	1.5	1.7	1.0
LS05-3915	1.6	2.3	1.5	1.8	1.3	2.3	1.0
MD04-5060	1.3	2.0	1.0	1.8	1.5	2.0	1.0
MD05-5177	2.3	4.0	2.3	3.3	2.7	2.3	1.0
MD05-5189	2.2	3.0	3.2	3.0	2.0	2.0	1.0
MD05-5769	2.7	4.0	3.3	3.0	2.5	2.7	1.0

UNIFORM TEST IV, 2008

LODGING (score)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	1.0	1.0	1.7	1.0	2.0	2.1	1.0
Macon (III)	1.0	1.0	1.7	2.0	2.0	1.8	1.3
LD00-2817P (L)	1.0	1.0	3.3	2.0	3.0	2.4	1.0
LD02-7222P	1.0	1.0	1.0	2.0	1.0	1.9	1.7
LD02-9050	1.0	1.0	2.3	2.0	2.0	2.1	1.3
LD04-12754	1.0	1.0	2.0	2.0	2.0	2.0	1.0
LG04-4866	1.0	1.0	2.7	4.0	1.0	2.5	1.0
LG04-5187	1.0	1.0	2.0	3.0	3.0	2.9	1.3
LG04-5190	1.0	1.0	3.0	3.0	2.0	2.9	2.0
LG04-5196	1.3	1.0	2.0	2.0	3.0	2.7	2.0
LG04-5372	1.0	1.0	2.3	2.0	2.0	2.1	1.0
LG04-5377	1.0	1.0	2.3	3.0	3.0	1.8	2.0
LG04-5993	1.0	1.0	3.0	3.0	1.0	3.1	1.0
LG04-6000	1.0	1.0	3.0	2.0	2.0	3.0	1.0
LG04-6449	1.0	1.0	1.7	1.0	1.0	2.3	1.0
LG05-2356	1.0	1.0	2.7	3.0	2.0	2.6	1.0
LG05-4010	1.0	1.0	2.0	3.0	2.0	2.8	1.3
LG05-4292	1.0	1.0	1.3	1.0	1.0	2.7	1.0
LG05-4317	1.0	1.0	2.7	2.0	3.0	3.7	1.3
LG05-4354	1.3	1.0	2.0	1.0	1.0	2.3	1.0
LS04-30080	1.0	1.0	1.0	2.0	1.0	1.7	1.0
LS04-49077	1.3	1.0	2.3	3.0	2.0	2.4	1.3
LS05-2202	1.0	1.0	1.3	2.0	1.0	1.9	1.3
LS05-2658	1.0	1.0	2.7	3.0	2.0	2.8	1.0
LS05-2705	1.0	1.0	1.7	3.0	2.0	4.6	1.7
LS05-3110	1.0	1.0	2.7	2.0	2.0	2.7	1.0
LS05-3229	1.0	1.0	3.3	3.0	3.0	2.7	2.0
LS05-3915	1.0	1.0	1.7	2.0	1.0	2.5	1.0
MD04-5060	1.0	1.0	1.0	1.0	1.0	1.7	1.0
MD05-5177	1.3	1.0	2.0	2.0	2.0	4.2	1.3
MD05-5189	1.0	1.0	2.3	2.0	4.0	3.1	1.0
MD05-5769	1.3	1.0	3.0	4.0	4.0	3.0	2.0

UNIFORM TEST IV, 2008

PLANT HEIGHT (inches)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Manhattan KS	Ottawa KS
LD00-3309 (IV)	31	29	42	33	38	32	24
Macon (III)	31	31	41	34	36	36	27
LD00-2817P (L)	32	32	44	35	39	35	26
LD02-7222P	30	30	40	32	38	36	25
LD02-9050	30	30	40	29	35	33	24
LD04-12754	29	29	39	32	37	32	23
LG04-4866	31	29	41	33	36	34	26
LG04-5187	34	35	46	37	41	36	30
LG04-5190	35	34	46	40	39	36	28
LG04-5196	34	32	45	38	39	41	27
LG04-5372	34	33	47	39	42	41	29
LG04-5377	33	33	44	38	40	40	28
LG04-5993	33	33	43	33	40	35	29
LG04-6000	34	36	45	37	41	37	29
LG04-6449	30	29	41	30	38	32	24
LG05-2356	32	30	45	32	40	36	26
LG05-4010	32	30	40	36	38	39	30
LG05-4292	35	35	47	40	43	40	28
LG05-4317	35	32	49	39	42	37	28
LG05-4354	32	35	40	39	40	38	30
LS04-30080	27	28	38	31	34	31	23
LS04-49077	33	32	41	37	40	34	27
LS05-2202	33	34	46	37	42	34	28
LS05-2658	32	32	41	36	39	35	26
LS05-2705	33	34	44	32	40	36	27
LS05-3110	33	35	43	33	39	37	27
LS05-3229	33	35	45	35	40	38	28
LS05-3915	34	32	48	36	43	35	29
MD04-5060	30	32	39	34	38	37	27
MD05-5177	34	36	41	41	41	32	33
MD05-5189	35	36	47	39	41	37	30
MD05-5769	36	36	42	42	39	39	35

UNIFORM TEST IV, 2008

PLANT HEIGHT (inches)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	27	21	30	30	34	32	24
Macon (III)	25	18	27	29	37	30	26
LD00-2817P (L)	28	19	30	29	44	30	23
LD02-7222P	26	18	26	27	34	29	23
LD02-9050	27	17	29	31	34	30	28
LD04-12754	26	21	29	27	34	29	23
LG04-4866	26	23	29	31	35	32	27
LG04-5187	31	21	30	32	40	36	28
LG04-5190	32	24	33	34	43	37	29
LG04-5196	31	17	33	32	40	33	30
LG04-5372	29	19	32	33	35	34	30
LG04-5377	29	21	30	30	37	31	30
LG04-5993	29	23	31	35	36	33	30
LG04-6000	30	21	32	34	35	36	25
LG04-6449	25	22	27	27	33	29	26
LG05-2356	29	22	31	30	36	31	28
LG05-4010	28	22	27	29	37	32	30
LG05-4292	32	22	33	31	41	36	27
LG05-4317	33	22	31	34	42	37	33
LG05-4354	31	18	30	27	30	34	28
LS04-30080	24	16	23	28	26	27	20
LS04-49077	30	24	29	32	38	35	24
LS05-2202	32	25	29	30	34	32	29
LS05-2658	29	22	29	30	38	34	29
LS05-2705	30	22	32	30	33	36	29
LS05-3110	30	24	35	31	35	33	25
LS05-3229	30	22	32	30	37	35	26
LS05-3915	31	21	32	34	39	35	29
MD04-5060	26	18	28	26	31	30	26
MD05-5177	32	24	31	31	36	36	29
MD05-5189	32	21	33	32	38	35	29
MD05-5769	34	22	32	40	41	35	36

UNIFORM TEST IV, 2008

SEED SIZE (g/100)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Manhattan KS	Ottawa KS
LD00-3309 (IV)	12.4	11.7	11.7	14.2	13.2	14.6	14.9
Macon (III)	15.6	15.9	15.8	17.7	16.6	16.7	16.3
LD00-2817P (L)	13.2	13.9	12.1	14.1	14.4	15.2	15.4
LD02-7222P	15.9	14.8	15.9	17.4	17.8	16.7	17.1
LD02-9050	14.6	14.4	14.8	16.8	16.4	15.5	15.1
LD04-12754	14.0	13.7	13.6	15.4	14.1	15.3	15.4
LG04-4866	12.6	12.5	12.1	13.2	11.1	14.3	14.5
LG04-5187	17.4	15.6	17.1	18.7	18.3	20.2	19.2
LG04-5190	17.9	18.0	18.2	19.2	18.9	19.4	19.0
LG04-5196	16.9	17.1	16.9	19.2	18.2	17.1	18.8
LG04-5372	13.1	12.4	13.3	13.7	14.0	14.9	13.1
LG04-5377	13.6	13.3	14.3	14.7	14.3	15.6	14.6
LG04-5993	14.1	14.3	14.4	14.4	13.2	15.2	16.7
LG04-6000	13.9	14.0	14.1	14.4	14.1	14.6	16.0
LG04-6449	14.0	13.2	14.6	14.9	15.7	14.9	16.9
LG05-2356	14.4	15.1	14.5	15.5	16.2	14.4	15.3
LG05-4010	13.2	14.4	13.7	14.0	13.0	13.1	14.0
LG05-4292	14.7	13.9	14.6	16.3	15.7	16.0	15.6
LG05-4317	13.6	13.9	13.7	14.2	14.1	14.3	14.8
LG05-4354	14.7	16.2	15.6	16.3	16.4	15.1	16.0
LS04-30080	14.6	14.1	14.6	16.1	15.9	15.2	15.6
LS04-49077	14.6	14.7	14.8	16.1	16.3	15.3	15.5
LS05-2202	15.3	14.6	15.3	16.7	16.3	16.2	16.9
LS05-2658	16.4	16.0	15.8	18.2	17.5	17.9	18.1
LS05-2705	15.4	15.8	14.9	16.8	15.8	16.7	17.8
LS05-3110	12.1	12.2	11.6	11.9	11.6	13.2	13.7
LS05-3229	15.6	15.8	14.2	16.6	16.2	16.1	17.2
LS05-3915	14.6	13.7	14.7	15.1	15.4	14.2	15.1
MD04-5060	14.5	13.9	13.6	15.8	16.1	16.0	15.9
MD05-5177	14.0	13.5	14.2	14.7	15.7	14.2	15.3
MD05-5189	16.0	15.5	17.0	17.9	18.5	16.2	16.7
MD05-5769	14.9	16.1	15.2	15.8	16.5	16.0	14.7

UNIFORM TEST IV, 2008

SEED SIZE (g/100)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	9.6	13.9	9.0	13.2	11.7	12.9	10.6
Macon (III)	14.2	15.5	13.0	17.3	15.6	15.9	12.9
LD00-2817P (L)	10.3	15.8	12.0	13.3	12.3	12.7	10.1
LD02-7222P	13.5	18.1	15.0	16.5	15.1	16.0	13.5
LD02-9050	12.2	16.0	14.0	14.1	13.1	15.2	11.9
LD04-12754	12.0	16.6	13.0	14.7	14.6	13.8	10.3
LG04-4866	9.2	14.6	12.0	13.2	13.6	11.8	11.3
LG04-5187	14.2	18.2	16.0	17.7	18.7	17.7	14.4
LG04-5190	15.1	19.2	17.0	18.6	17.1	17.8	15.2
LG04-5196	14.0	18.2	16.0	17.0	17.1	16.9	13.4
LG04-5372	12.3	13.3	12.0	14.1	13.2	13.1	10.3
LG04-5377	11.7	13.6	13.0	13.9	13.5	13.9	10.8
LG04-5993	12.3	16.1	12.0	14.2	14.7	13.8	12.3
LG04-6000	11.8	14.8	12.0	14.1	14.4	14.2	11.7
LG04-6449	11.6	14.9	13.0	14.2	13.7	14.5	10.7
LG05-2356	11.2	16.3	13.0	14.3	15.0	14.0	12.4
LG05-4010	10.8	13.8	13.0	14.0	13.2	12.9	11.4
LG05-4292	13.1	17.5	13.0	14.9	14.3	14.2	12.5
LG05-4317	12.1	14.5	13.0	14.1	14.3	13.5	11.0
LG05-4354	12.7	14.1	14.0	15.3	14.0	14.2	11.7
LS04-30080	13.1	17.6	12.0	15.1	14.3	14.4	11.4
LS04-49077	12.3	15.2	13.0	14.5	14.9	14.1	13.5
LS05-2202	13.5	17.4	13.0	15.7	14.6	14.9	14.2
LS05-2658	13.3	17.7	15.0	16.7	16.3	16.6	14.7
LS05-2705	13.6	18.9	13.0	14.5	15.5	15.1	12.2
LS05-3110	10.0	13.2	12.0	12.1	12.8	11.1	11.4
LS05-3229	13.0	19.5	14.0	15.2	15.2	14.9	14.3
LS05-3915	12.9	17.6	13.0	14.7	16.1	14.2	12.9
MD04-5060	13.3	16.6	13.0	14.9	13.5	14.4	11.8
MD05-5177	12.2	16.0	13.0	14.2	14.2	14.0	11.4
MD05-5189	12.2	17.9	15.0	16.5	16.1	16.5	12.6
MD05-5769	12.0	15.2	14.0	15.9	14.8	15.2	12.4

UNIFORM TEST IV, 2008

SEED QUALITY (score)

Strain	Mean 12 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Manhattan KS	Ottawa KS
LD00-3309 (IV)	1.8	1.0	1.0	2.0	1.0	2.0	2.0
Macon (III)	1.7	1.0	1.0	1.0	1.0	2.0	2.0
LD00-2817P (L)	2.3	2.0	2.0	2.0	1.0	2.0	2.0
LD02-7222P	1.8	1.0	1.0	1.0	1.0	2.0	2.0
LD02-9050	2.1	1.0	1.0	2.0	1.0	3.0	3.0
LD04-12754	1.7	1.0	1.0	1.0	1.0	2.0	2.0
LG04-4866	2.0	1.0	1.0	1.0	1.0	2.0	3.0
LG04-5187	1.8	1.0	1.0	1.0	1.0	2.0	2.0
LG04-5190	1.7	1.0	1.0	1.0	1.0	2.0	2.0
LG04-5196	1.9	1.0	1.0	1.0	1.0	2.0	3.0
LG04-5372	1.9	1.0	1.0	1.0	1.0	2.0	2.0
LG04-5377	2.0	1.0	1.0	2.0	1.0	1.0	2.0
LG04-5993	2.0	1.0	2.0	1.0	1.0	2.0	2.0
LG04-6000	1.8	1.0	1.0	1.0	1.0	2.0	2.0
LG04-6449	1.8	1.0	1.0	1.0	1.0	2.0	2.0
LG05-2356	1.7	1.0	1.0	1.0	1.0	1.0	2.0
LG05-4010	1.7	1.0	1.0	1.0	1.0	2.0	2.0
LG05-4292	1.8	1.0	1.0	1.0	1.0	2.0	2.0
LG05-4317	1.9	1.0	2.0	1.0	1.0	2.0	2.0
LG05-4354	1.9	1.0	2.0	1.0	1.0	2.0	2.0
LS04-30080	1.8	1.0	1.0	1.0	1.0	2.0	2.0
LS04-49077	1.8	1.0	1.0	1.0	1.0	2.0	3.0
LS05-2202	1.8	1.0	1.0	1.0	1.0	2.0	2.0
LS05-2658	2.2	1.0	2.0	3.0	1.0	3.0	3.0
LS05-2705	1.9	1.0	2.0	1.0	1.0	2.0	3.0
LS05-3110	1.9	1.0	1.0	1.0	1.0	2.0	3.0
LS05-3229	1.7	1.0	1.0	1.0	1.0	2.0	2.0
LS05-3915	1.7	1.0	1.0	1.0	1.0	2.0	2.0
MD04-5060	2.1	1.0	1.0	2.0	2.0	2.0	3.0
MD05-5177	1.7	1.0	1.0	1.0	1.0	2.0	2.0
MD05-5189	1.7	1.0	1.0	1.0	1.0	2.0	2.0
MD05-5769	1.7	1.0	1.0	1.0	1.0	2.0	2.0

UNIFORM TEST IV, 2008

SEED QUALITY (score)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	1.0		1.0	3.0	4.0	1.5	2.0
Macon (III)	2.0		1.0	3.0	3.0	1.5	2.3
LD00-2817P (L)	2.0		2.0	3.0	4.0	2.0	3.0
LD02-7222P	2.0		1.0	4.0	3.0	1.3	2.5
LD02-9050	2.0		1.0	3.0	4.0	1.7	2.0
LD04-12754	2.0		1.0	3.0	3.0	1.7	2.2
LG04-4866	2.0		1.0	3.0	4.0	2.0	2.5
LG04-5187	2.0		1.0	3.0	3.0	1.7	3.0
LG04-5190	2.0		1.0	2.0	3.0	1.2	2.7
LG04-5196	2.0		1.0	3.0	3.0	1.8	2.7
LG04-5372	2.0		1.0	4.0	4.0	1.5	2.5
LG04-5377	2.0		3.0	3.0	4.0	1.7	2.2
LG04-5993	2.0		2.0	3.0	3.0	2.0	2.5
LG04-6000	2.0		2.0	3.0	3.0	1.7	2.3
LG04-6449	2.0		1.0	3.0	3.0	1.8	3.0
LG05-2356	2.0		1.0	3.0	3.0	1.7	2.5
LG05-4010	2.0		1.0	3.0	2.0	2.0	2.0
LG05-4292	2.0		1.0	3.0	4.0	1.7	2.3
LG05-4317	2.0		2.0	2.0	3.0	2.7	2.2
LG05-4354	2.0		2.0	3.0	3.0	1.7	2.2
LS04-30080	2.0		1.0	3.0	4.0	1.7	2.2
LS04-49077	2.0		1.0	3.0	3.0	1.7	2.2
LS05-2202	2.0		1.0	3.0	4.0	1.5	2.0
LS05-2658	1.0		1.0	4.0	3.0	1.8	2.5
LS05-2705	2.0		1.0	3.0	3.0	2.3	2.0
LS05-3110	2.0		1.0	3.0	3.0	2.0	2.3
LS05-3229	1.0		1.0	4.0	3.0	1.8	2.0
LS05-3915	2.0		1.0	3.0	3.0	1.8	1.8
MD04-5060	3.0		1.0	3.0	3.0	1.8	2.8
MD05-5177	2.0		1.0	4.0	2.0	1.5	2.2
MD05-5189	2.0		1.0	3.0	3.0	1.5	2.0
MD05-5769	2.0		1.0	3.0	3.0	1.7	2.0

UNIFORM TEST IV, 2008

PROTEIN (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Lexington KY	Columbia MO	Portageville (Loam) MO	South Charleston OH
LD00-3309 (IV)	34.7	33.7	33.7	37.4	35.2	33.9	34.1
Macon (III)	34.4	34.3	34.7	36.0	34.6	33.8	33.3
LD00-2817P (L)	32.4	31.9	32.5	35.7	31.6	31.5	31.2
LD02-7222P	34.8	35.7	34.6	35.5	34.9	34.6	33.4
LD02-9050	34.3	33.5	34.5	36.5	34.9	32.9	33.7
LD04-12754	33.9	34.5	33.6	35.7	32.9	33.7	33.2
LG04-4866	33.5	32.5	32.7	34.8	34.5	33.4	33.1
LG04-5187	35.0	34.0	35.1	37.3	35.4	33.7	34.3
LG04-5190	35.0	34.2	35.5	36.9	35.3	33.7	34.5
LG04-5196	34.9	34.6	34.3	36.4	36.2	33.8	34.3
LG04-5372	34.1	32.2	34.1	35.9	35.4	33.9	33.1
LG04-5377	34.2	33.7	34.4	36.7	35.0	33.1	32.4
LG04-5993	35.1	33.9	34.7	36.7	35.6	35.6	34.1
LG04-6000	34.5	33.2	33.9	36.0	35.0	34.4	34.6
LG04-6449	34.6	33.9	33.9	36.4	35.5	33.9	34.2
LG05-2356	34.1	32.1	33.3	36.4	34.7	34.0	34.1
LG05-4010	34.0	33.2	34.5	37.4	32.9	33.9	32.0
LG05-4292	34.4	33.7	33.9	36.8	35.0	33.3	33.6
LG05-4317	34.3	32.7	33.7	35.9	35.7	33.7	33.8
LG05-4354	35.9	35.4	35.9	37.2	36.8	35.2	35.0
LS04-30080	34.3	34.0	34.4	36.3	35.3	33.2	32.4
LS04-49077	35.2	34.6	36.0	36.8	36.1	34.2	33.6
LS05-2202	34.5	33.5	34.7	35.7	35.8	33.1	34.6
LS05-2658	35.4	34.8	35.6	37.3	35.4	34.1	35.3
LS05-2705	34.3	33.4	34.2	36.5	34.4	33.8	33.7
LS05-3110	33.9	32.9	33.8	36.0	34.1	33.6	33.2
LS05-3229	35.1	34.5	35.1	37.0	34.7	34.6	34.7
LS05-3915	35.2	35.5	34.6	36.5	34.8	34.6	35.2
MD04-5060	32.7	32.7	32.5	35.3	34.2	31.4	30.3
MD05-5177	35.5	34.5	35.7	37.2	35.4	35.2	35.0
MD05-5189	35.1	34.4	34.9	36.8	35.4	33.7	35.1
MD05-5769	35.5	33.9	35.3	37.6	36.1	35.5	34.6

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST IV, 2008

OIL (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Lexington KY	Columbia MO	Portageville (Loam) MO	South Charleston OH
LD00-3309 (IV)	17.6	18.3	18.3	15.7	16.9	18.5	17.9
Macon (III)	18.5	18.6	18.4	17.8	17.7	19.5	18.8
LD00-2817P (L)	19.1	18.7	18.6	18.1	19.2	20.5	19.1
LD02-7222P	18.4	19.0	18.3	17.6	17.7	19.0	18.6
LD02-9050	18.3	18.9	18.7	17.0	17.6	19.5	18.5
LD04-12754	18.2	17.8	18.5	17.5	18.2	19.1	18.4
LG04-4866	18.1	18.8	18.4	17.0	17.3	19.1	17.9
LG04-5187	17.8	18.1	17.9	16.3	17.4	18.7	18.2
LG04-5190	17.9	18.1	18.9	16.8	17.4	18.7	17.6
LG04-5196	17.8	17.6	18.2	16.8	17.0	19.3	18.1
LG04-5372	18.6	19.9	18.5	17.9	17.0	19.4	18.9
LG04-5377	18.2	18.8	17.8	16.8	17.7	19.1	19.2
LG04-5993	17.6	18.1	18.3	16.7	16.3	18.5	17.3
LG04-6000	17.5	18.4	17.7	16.8	16.2	18.4	17.2
LG04-6449	18.2	18.8	18.2	17.3	17.2	20.1	17.8
LG05-2356	18.4	19.6	18.9	16.9	17.8	19.2	17.8
LG05-4010	18.0	18.5	18.6	16.1	17.6	18.7	18.7
LG05-4292	18.6	19.0	18.4	17.7	17.8	20.0	18.7
LG05-4317	18.7	19.0	18.4	17.4	18.1	20.8	18.8
LG05-4354	18.3	19.4	18.1	17.4	17.4	19.1	18.7
LS04-30080	18.5	18.7	18.3	17.6	17.1	20.2	19.2
LS04-49077	18.3	18.4	18.4	17.5	17.6	19.4	18.8
LS05-2202	18.6	19.1	18.1	18.3	17.6	20.9	17.9
LS05-2658	18.0	17.7	17.5	17.0	17.9	19.8	17.9
LS05-2705	18.7	19.4	18.7	18.3	18.1	19.4	18.4
LS05-3110	18.4	19.0	18.3	17.4	18.0	19.3	18.1
LS05-3229	17.9	17.9	17.6	16.8	17.7	19.1	18.0
LS05-3915	18.1	18.7	18.0	17.3	17.5	19.7	17.5
MD04-5060	19.6	20.0	19.6	18.5	18.2	21.6	20.0
MD05-5177	17.8	18.7	17.6	16.6	16.8	19.1	17.7
MD05-5189	18.1	18.0	18.1	17.7	17.5	19.3	17.8
MD05-5769	18.0	18.4	18.0	16.5	17.7	19.0	18.4

Uniform Test 00 Roundup-Ready, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	RG7008RR	RG200RR x ND95-6634	Helms	1		
2.	RG600RR	RG200RR x RG405RR	Helms	new		RR
3.	AG0202	na	Monsanto	1		
4.	RG200RR	Trail*3 x (Council x Resnik(RR))	Helms	3		RR
5.	ND03-8313	RG200RR x RG405RR	Helms	2		
6.	ND04-7624	MN0902CN x RG405RR	Helms	1	F4	SCN, Rps6
7.	ND04-23038	MN0201 x RG200RR	Helms	1	F4	
8.	ND04-9133	RG200RR X ND95-6634(1K)	Helms	new	F4	Rps1-k
9.	ND05-2634	RG601NRR x ND00-560	Helms	new	F3	Rps6
10.	ND05-4127	SD1091RR x ORC9902	Helms	new	F3	
11.	ND05-4279	RG200RR x Sd1091RR	Helms	new	F3	
12.	ND05-18645	RG405RR x (Barnes x IA1009)	Helms	new	F4	SCN, Rps6
13.	ND05-19088	M95-265009 x RG405RR	Helms	new	F4	Rps6

UNIFORM TEST 00 Roundup-Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis		Green Stem	SCL	Shattering	PR	
		Score		Score		Score	Lafayette	
		Granite Falls MN	Wilkin County MN	St. Hyacinthe QUE		Manhattan KS	Race 4	Race 7
RG7008RR	PTBDYYI	2.6	2.4	1.0	2.7	1.0	R	S
RG600RR	PTBDYYI	3.5	2.6	1.0	3.3	2.0	R*	S
AG0202	PTBDYBII	3.1	3.4	4.0	3.0	1.0	R	R
RG200RR	PTBDYYI	3.3	2.1	1.0	2.3	2.0	S	S
ND03-8313	PTBDYBrI	3.6	2.9	1.0	4.0	2.0	R*	S
ND04-7624	PTBDYBrI	3.4	2.1	1.0	3.7	1.0	R	S
ND04-23038	PTBDYYI	2.4	1.8	1.0	1.7	2.0	S	S
ND04-9133	PTBDYBrI	3.8	3.0	1.0	2.3	1.0	R	R
ND05-2634	PCBDYGrI	3.5	1.6	1.0	4.7	1.0	R	S
ND05-4127	PTBDYBII	4.1	4.0	2.0	3.7	1.0	R*	R*
ND05-4279	PTBDYYI	3.3	2.5	1.0	3.3	1.0	R*	R*
ND05-18645	P+WGBDYBfI	3.1	2.0	1.0	4.3	2.0	R	R*
ND05-19088	PGBDYBfI	3.6	2.1	2.0	5.0	2.0	R	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

UNIFORM TEST 00 Roundup-Ready, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	5 bu/a	5 No.	8 Date	8 Score	6 In	6 g/100	4 Score	4 Protein %	4 Oil %
RG7008RR	37.3	12	9/15	1.2	28	13.6	2.1	34.2	17.5
RG600RR	41.2	5	3.5	1.3	30	14.7	1.8	33.6	18.7
AG0202	40.5	7	10.4	1.2	31	17.6	2.1	33.1	17.5
RG200RR	38.8	10	3.9	1.2	30	13.8	2.1	35.0	17.7
ND03-8313	39.1	9	0.4	1.2	30	14.4	2.4	34.2	17.6
ND04-7624	43.7	2	6.8	1.3	33	13.5	2.2	32.2	18.4
ND04-23038	36.0	13	-1.5	1.1	25	13.8	2.1	34.1	18.3
ND04-9133	40.3	8	5.9	1.2	28	14.7	1.8	34.6	17.7
ND05-2634	42.0	3	8.4	1.3	32	14.9	2.0	33.6	18.2
ND05-4127	44.4	1	8.4	1.2	29	15.4	2.1	35.5	17.1
ND05-4279	38.7	11	3.3	1.4	28	16.0	2.0	34.8	18.3
ND05-18645	41.5	4	11.8	1.4	33	12.8	2.0	32.7	18.4
ND05-19088	40.9	6	9.3	1.4	32	15.0	1.9	32.4	18.4

118.6 Days After Planting

UNIFORM TEST 00 Roundup-Ready, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	10 bu/a	10 No.	14 Date	14 Score	12 In.	12 g/100	10 Score	10 Protein %	10 Oil %
RG7008RR	37.2	3	9/12	1.2	28	13.3	1.7	33.8	17.7
AG0202	43.7	1	9.5	1.2	31	17.1	1.6	32.1	18.0
ND04-7624	42.0	2	6.6	1.3	32	13.3	1.7	32.2	18.7
ND04-23038	35.4	4	-0.8	1.1	24	13.4	1.8	33.7	18.5

114.7 Days After Planting

UNIFORM TEST 00 Roundup-Ready, 2008

YIELD (bu/a)

Strain	Mean 5 Tests	Crookston* MN	Moorhead** MN	Shelly MN	Casselton* ND	Northwood ND	Ottawa ONT	La Pocatiere Que.	St. Hyacinthe Que.
RG7008RR	37.3	35.7		15.2	31.3	31.7	47.1	38.6	53.8
RG600RR	41.2	25.7		20.4	35.1	38.3	47.1	40.4	60.0
AG0202	40.5	24.3		24.8	38.0	41.7	48.3	31.2	56.2
RG200RR	38.8	30.7		23.3	27.8	31.4	47.6	37.1	54.5
ND03-8313	39.1	26.1		18.4	30.0	31.8	48.6	43.0	53.9
ND04-7624	43.7	34.0		27.3	32.5	37.8	52.7	44.5	56.1
ND04-23038	36.0	36.5		20.3	25.7	31.7	38.0	37.8	52.4
ND04-9133	40.3	16.7		15.4	28.7	33.8	52.9	39.7	59.8
ND05-2634	42.0	31.9		23.7	22.6	33.7	54.1	44.8	53.4
ND05-4127	44.4	28.2		25.5	35.3	37.0	57.7	45.5	56.4
ND05-4279	38.7	34.1		16.0	26.4	35.3	48.9	39.5	54.0
ND05-18645	41.5	20.9		23.5	41.5	38.1	48.6	41.5	55.6
ND05-19088	40.9	32.9		28.1	30.8	33.2	52.6	38.9	51.6
Location Mean		29.1		21.7	31.2	35.0	49.6	40.2	55.2
C.V. (%)		16.4		13.8	26.3	8.5	8.5	5.5	5.6
L.S.D. (5%)		2.9		5.0	14.1	5.0	6.5	3.1	4.3
Row Sp. (in.)		12	10	10	30	30	16	15	15
Rows/Plot		8	8	8	4	4	4	4	4
Reps		3	3	3	3	3	3	3	3

** Not Harvested

*Data not included in mean.

UNIFORM TEST 00 Roundup-Ready, 2008

YIELD RANK

Strain	Yield Rank	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Ottawa ONT	La Pocatiere Que.	St. Hyacinthe Que.
RG7008RR	12	2		13	6	11	11	10	10
RG600RR	5	10		8	4	2	12	6	1
AG0202	7	11		4	2	1	9	13	4
RG200RR	10	7		7	10	13	10	12	7
ND03-8313	9	9		10	8	10	8	4	9
ND04-7624	2	4		2	5	4	4	3	5
ND04-23038	13	1		9	12	11	13	11	12
ND04-9133	8	13		12	9	7	3	7	2
ND05-2634	3	6		5	13	8	2	2	11
ND05-4127	1	8		3	3	5	1	1	3
ND05-4279	11	3		11	11	6	6	8	8
ND05-18645	4	12		6	1	3	7	5	6
ND05-19088	6	5		1	7	9	5	9	13

UNIFORM TEST 00 Roundup-Ready, 2008

MATURITY (date)

Strain	Mean 8 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Ottawa ONT	La Pocatiere Que.	St. Hyacinthe Que.
RG7008RR	9/15	9/21	9/21	9/16	9/18	9/23	9/8	9/12	9/4
RG600RR	3.5	8	4	7	5	0	1	2	1
AG0202	10.4	11	12	16	9	5	9	11	10
RG200RR	3.9	6	4	9	4	0	0	3	5
ND03-8313	0.4	8	-2	4	-1	-2	-3	0	-1
ND04-7624	6.8	11	7	11	7	3	4	6	5
ND04-23038	-1.5	-2	1	-3	-1	-3	0	-3	-1
ND04-9133	5.9	15	3	12	5	0	3	3	6
ND05-2634	8.4	9	9	13	5	6	9	7	9
ND05-4127	8.4	12	8	12	10	5	7	8	5
ND05-4279	3.3	6	3	8	0	0	5	2	2
ND05-18645	11.8	14	13	20	6	10	10	10	11
ND05-19088	9.3	10	10	16	5	9	9	7	8
Date Planted	5/19	5/14	5/27	5/28	5/15	5/15	5/23	5/25	5/11
Days to Mature	119	130	117	111	126	131	108	110	116

UNIFORM TEST 00 Roundup-Ready, 2008

LODGING (score)

Strain	Mean 8 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Ottawa ONT	La Pocatiere Que.	St. Hyacinthe Que.
RG7008RR	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.7
RG600RR	1.3	1.0	1.0	1.0	1.0	1.0	1.3	2.0	2.0
AG0202	1.2	1.0	1.3	1.0	1.0	1.0	1.2	1.7	1.3
RG200RR	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.7	2.0
ND03-8313	1.2	1.0	1.0	1.0	1.0	1.0	1.3	1.3	2.0
ND04-7624	1.3	1.0	1.3	1.0	1.0	1.0	1.4	1.7	2.0
ND04-23038	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3
ND04-9133	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.7
ND05-2634	1.3	1.0	1.0	1.0	1.0	1.0	1.7	1.3	2.3
ND05-4127	1.2	1.0	1.0	1.0	1.0	1.0	1.3	2.0	1.0
ND05-4279	1.4	1.0	1.0	1.0	1.0	1.0	2.1	2.3	1.7
ND05-18645	1.4	1.0	1.0	1.0	1.0	1.0	1.7	2.0	2.3
ND05-19088	1.4	1.0	1.0	1.0	1.0	1.0	2.2	2.0	2.0

UNIFORM TEST 00 Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Ottawa ONT	La Pocatiere Que.	St. Hyacinthe Que.
RG7008RR	28		25	17	23		33	37	33
RG600RR	30		25	21	24		35	41	36
AG0202	31		29	21	31		34	35	38
RG200RR	30		27	21	24		33	37	36
ND03-8313	30		26	19	25		35	39	36
ND04-7624	33		31	24	29		36	40	39
ND04-23038	25		19	18	21		28	35	31
ND04-9133	28		23	16	24		32	35	37
ND05-2634	32		28	20	26		37	40	40
ND05-4127	29		26	21	24		33	34	35
ND05-4279	28		23	17	21		35	36	33
ND05-18645	33		29	21	31		37	39	43
ND05-19088	32		26	23	30		35	36	41

UNIFORM TEST 00 Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Ottawa ONT	La Pocatiere Que.	St. Hyacinthe Que.
RG7008RR	13.6	10.0		11.7		13.0	16.5	12.8	17.4
RG600RR	14.7	13.5		12.3		13.4	17.8	13.7	17.6
AG0202	17.6	14.3		15.1		17.2	19.9	17.2	21.8
RG200RR	13.8	11.5		12.1		12.7	16.8	12.0	17.8
ND03-8313	14.4	11.8		12.1		12.5	18.5	13.8	17.4
ND04-7624	13.5	12.0		12.6		8.8	17.1	12.9	17.6
ND04-23038	13.8	11.8		12.2		12.7	16.0	12.5	17.4
ND04-9133	14.7	12.9		13.4		13.8	16.7	13.5	17.7
ND05-2634	14.9	13.4		12.6		14.3	17.2	13.6	18.5
ND05-4127	15.4	13.4		13.5		15.1	18.2	14.0	18.2
ND05-4279	16.0	13.5		13.9		15.4	19.5	14.1	19.8
ND05-18645	12.8	11.9		10.8		11.2	14.3	11.9	16.9
ND05-19088	15.0	13.2		12.3		16.1	16.9	13.5	18.2

UNIFORM TEST 00 Roundup-Ready, 2008

SEED QUALITY (score)

Strain	Mean 4 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Ottawa ONT	La Pocatiere Que.	St. Hyacinthe Que.
RG7008RR	2.1	3.0		1.5		1.0	3.0		
RG600RR	1.8	1.5		1.5		1.0	3.0		
AG0202	2.1	4.0		1.5		1.0	2.0		
RG200RR	2.1	3.5		1.5		1.0	2.3		
ND03-8313	2.4	3.5		2.0		1.0	3.0		
ND04-7624	2.2	3.5		1.5		1.0	2.7		
ND04-23038	2.1	2.5		2.0		1.0	3.0		
ND04-9133	1.8	2.0		2.0		1.0	2.3		
ND05-2634	2.0	3.5		1.5		1.0	2.0		
ND05-4127	2.1	4.0		1.5		1.0	2.0		
ND05-4279	2.0	2.5		1.5		1.0	3.0		
ND05-18645	2.0	4.0		1.5		1.0	1.3		
ND05-19088	1.9	3.0		1.5		1.0	2.0		

UNIFORM TEST 00 Roundup-Ready, 2008**PROTEIN (%)**

Strain	Mean 4 Tests	Crookston MN	Shelly MN	Ottawa ONT	St. Hyacinthe Que.
RG7008RR	34.2	32.4	34.8	35.0	34.8
RG600RR	33.6	33.9	32.4	33.7	34.4
AG0202	33.1	34.6	30.0	33.5	34.5
RG200RR	35.0	35.2	34.3	35.1	35.5
ND03-8313	34.2	34.5	33.0	34.4	34.8
ND04-7624	32.2	33.1	29.4	32.8	33.5
ND04-23038	34.1	33.6	34.1	34.4	34.2
ND04-9133	34.6	34.8	32.6	35.8	35.1
ND05-2634	33.6	33.4	31.1	34.3	35.5
ND05-4127	35.5	36.3	32.9	36.5	36.1
ND05-4279	34.8	35.4	33.9	35.4	34.3
ND05-18645	32.7	32.5	30.4	34.2	33.7
ND05-19088	32.4	32.9	30.9	33.1	32.8

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST 00 Roundup-Ready, 2008**OIL (%)**

Strain	Mean 4 Tests	Crookston MN	Shelly MN	Ottawa ONT	St. Hyacinthe Que.
RG7008RR	17.5	18.4	16.6	17.8	17.3
RG600RR	18.7	18.1	18.1	19.7	18.7
AG0202	17.5	16.8	18.0	18.5	16.7
RG200RR	17.7	17.7	17.7	17.9	17.4
ND03-8313	17.6	17.1	17.3	18.6	17.3
ND04-7624	18.4	18.4	18.5	19.1	17.4
ND04-23038	18.3	18.4	17.7	18.9	18.1
ND04-9133	17.7	17.9	18.0	17.7	17.0
ND05-2634	18.2	17.2	18.2	18.5	18.8
ND05-4127	17.1	16.5	17.4	17.4	17.0
ND05-4279	18.3	17.6	18.4	18.8	18.4
ND05-18645	18.4	18.3	18.4	18.5	18.3
ND05-19088	18.4	18.4	18.6	18.7	17.8

Uniform Test 0 Roundup-Ready, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	RG600RR	RG200RR x RG405RR	Helms	new		RR
2.	AG0801	na	Monsanto	4		
3.	SD1111RR (L)	A97-771039 x SD1081RR	Scott	4	F4	RR
4.	RG200RR	Trail*3 x (Council x Resnik(RR))	Helms	4		RR
5.	M00-528090	MN0304 x M96-134102	Orf	1	F5	Rps1
6.	M01-321123	MN0302 x MN0206RR	Orf	PT0RR	F5	
7.	ND04-23645	ND99-2169 x RG405RR	Helms	PT0RR	F3	Rps6
8.	SD03-1774R	Pion 9091 x SD1081RR	Scott	2	F5	RR, Rps1-a
9.	SD03-3459R	A97-771039 x SD1081RR	Scott	2	F5	RR
10.	SD03-3794R	SD93-828E x SD99-003R	Scott	2	F5	RR, Rps1-k, Rps6
11.	SD03-3920R	SD93-828R x SD99-034R	Scott	2	F5	RR, Rps1-k, Rps6
12.	SD04R-2383	HS96-3332 x SD1091RR	Scott	PT0RR	F4	RR
13.	SD04R-3254	SD97-2998 x SD93-828R	Scott	PT0RR	F4	RR
14.	SD04R-3441	SD93-828R x SD99-009R	Scott	PT0RR	F4	RR
15.	SD04R-4273	Pioneer 9092 x SD1081RR	Scott	PT0RR	F4	RR
16.	SD04R-4490	IA 2042 x SD1081RR	Scott	PT0RR	F4	RR

UNIFORM TEST 0 Roundup-Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis		Green Stem	SCL	Shattering	PR	
		Score		Score		Score	Lafayette	
		Lake Lillian MN	Wilkin County MN	St. Hyacinthe QUE		Manhattan KS	Race 4	Race 7
RG600RR	PTBDYYI	3.5	2.8	1.0	2.0	1.0	R*	S
AG0801	PTBDYBII	3.5	2.3	4.0	4.0	1.0	R	R
SD1111RR (L)	PGBDYYI	4.3	3.6	3.0	4.7	1.0	S	S
RG200RR	PTBDYYI	3.4	2.3	1.0	2.0	2.0	S	S
M00-528090	PTBDYYI	3.6	1.8	2.0	4.3	1.0	S	S
M01-321123	WGBDYLbfI	4.4	2.8	1.0	5.0	1.0	R*	R*
ND04-23645	PGTDYYI	4.1	3.3	1.0	5.0	2.0	R	R*
SD03-1774R	PGBDYYI	3.5	1.9	2.0	4.3	1.0	S	R*
SD03-3459R	PGBDYBfI	3.4	1.8	3.0	4.3	1.0	S	S
SD03-3794R	PGBDYGrI	3.6	2.5	4.0	5.0	1.0	R	R
SD03-3920R	PTBDYBII	3.8	2.8	1.0	4.7	1.0	R	R
SD04R-2383	PGBDYIbI	3.9	2.1	3.0	4.7	1.0	H*	R*
SD04R-3254	PTTDYBII	4.0	2.9	1.0	5.0	1.0	R*	R*
SD04R-3441	PGTDYIbI	4.3	2.8	1.0	5.0	1.0	R*	R*
SD04R-4273	PGBDYYI	4.4	2.8	2.0	4.7	1.0	S	R*
SD04R-4490	PGTDYYI	4.1	3.4	4.0	4.7	1.0	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

UNIFORM TEST 0 Roundup-Ready, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	7 bu/a	7 No.	8 Date	8 Score	7 In.	7 g/100	7 Score	Protein 5 %	Oil 5 %
RG600RR	37.8	9	9/11	1.4	28	14.8	2.1	35.1	18.6
AG0801	40.1	3	8.9	1.5	33	15.0	1.9	34.0	17.5
SD1111RR (L)	39.2	4	10.0	1.9	36	14.4	1.8	34.4	18.5
RG200RR	33.1	16	0.8	1.4	29	14.9	1.9	36.5	17.4
M00-528090	34.3	14	9.0	1.9	38	15.0	2.0	37.0	16.7
M01-321123	35.4	11	5.8	1.7	31	14.5	1.7	35.6	17.9
ND04-23645	35.6	10	6.4	2.0	34	13.1	1.9	34.4	18.2
SD03-1774R	40.3	2	9.0	1.6	31	14.9	1.8	34.7	18.4
SD03-3459R	41.6	1	9.8	1.5	30	14.6	1.9	34.3	18.5
SD03-3794R	35.3	13	11.3	1.8	34	13.8	1.9	34.9	18.0
SD03-3920R	38.1	7	10.8	1.8	35	12.7	1.8	35.0	17.7
SD04R-2383	38.8	5	10.5	2.0	36	15.1	1.9	35.3	17.6
SD04R-3254	35.4	11	9.8	1.8	32	14.3	1.8	35.1	17.4
SD04R-3441	34.2	15	10.4	2.1	35	12.6	1.7	34.9	17.8
SD04R-4273	38.2	6	10.8	1.6	32	14.1	1.7	34.8	18.6
SD04R-4490	38.0	8	11.4	1.7	35	16.7	1.7	36.6	16.9

113.0 Days After Planting

UNIFORM TEST 0 Roundup-Ready, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	14 bu/a	14 No.	15 Date	16 Score	15 In.	15 g/100	15 Score	14 Protein %	14 Oil %
RG200RR	34.3	4	9/12	1.6	29	15.3	1.7	36.2	17.3
AG0801	40.2	2	7.5	1.7	33	15.7	1.7	33.6	17.7
SD1111RR (L)	42.6	1	9.7	1.9	36	15.3	1.6	33.7	18.6
M00-528090	37.1	3	7.0	1.8	35	15.5	1.8	36.4	17.2

110.9 Days After Planting

2006-2008 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	21 bu/a	21 No.	26 Date	26 Score	24 In.	26 g/100	23 Score	22 Protein %	22 Oil %
RG200RR	35.5	7	9/11	1.5	28	15.1	1.8	35.8	17.4
AG0801	42.6	5	7.5	1.5	32	15.8	1.6	33.6	17.7
SD1111RR (L)	44.9	2	10.0	1.7	35	15.5	1.7	33.5	18.6
SD03-1774R	44.5	3	8.1	1.4	30	16.1	1.7	33.5	18.8
SD03-3459R	46.0	1	9.2	1.3	30	15.9	1.6	33.4	18.5
SD03-3794R	40.9	6	10.1	1.5	32	14.5	1.9	34.0	18.3
SD03-3920R	43.2	4	10.1	1.5	34	13.2	1.6	34.0	18.0

110.0 Days After Planting

UNIFORM TEST 0 Roundup-Ready, 2008

YIELD (bu/a)

Strain	Mean 7 Tests	Morris MN	Rosemount* MN	Casselton ND	Woodstock ONT	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	37.8	32.1	13.4	41.5	23.3	42.9	61.1	34.3	29.2
AG0801	40.1	34.9	25.1	41.6	40.6	55.8	56.1	36.7	29.8
SD1111RR (L)	39.2	30.1	25.9	41.2	41.0	50.7	56.8	37.0	30.6
RG200RR	33.1	28.4	14.8	30.8	38.3	39.3	56.0	29.3	27.6
M00-528090	34.3	38.4	22.3	33.2	36.9	42.4	47.1	29.3	24.4
M01-321123	35.4	42.3	17.5	34.4	31.5	48.2	50.3	30.0	29.3
ND04-23645	35.6	39.6	22.8	39.3	38.5	47.6	36.8	35.7	24.4
SD03-1774R	40.3	38.3	30.8	46.7	35.5	45.8	55.8	37.0	32.3
SD03-3459R	41.6	45.1	23.6	44.4	44.9	46.7	59.9	37.0	31.0
SD03-3794R	35.3	38.7	25.9	42.3	33.0	50.5	42.4	22.7	27.2
SD03-3920R	38.1	36.7	27.3	43.6	42.2	48.5	45.7	31.7	29.0
SD04R-2383	38.8	33.5	27.1	39.1	36.8	55.6	60.3	30.0	28.3
SD04R-3254	35.4	35.4	27.1	41.4	38.2	49.4	31.9	30.3	29.2
SD04R-3441	34.2	32.2	22.1	34.4	27.9	45.8	45.3	33.7	32.5
SD04R-4273	38.2	42.2	22.0	41.9	47.3	44.9	42.5	34.3	30.7
SD04R-4490	38.0	37.6	26.6	38.5	40.3	48.4	52.1	35.3	25.0
Location Mean		36.6	23.4	39.6	37.3	47.7	50.0	32.8	28.8
C.V. (%)		13.5	15.0	10.5	9.0	7.3	7.6	14.5	9.2
L.S.D. (5%)		8.0	5.8	7.1	9.4	4.8	5.3	8.1	4.4
Row Sp. (In.)		10	10	30	14	16	15	30	30
Rows/Plot		10	10	4	4	4	4	4	4
Reps		3	3	3	2	3	3	3	3

*Data not included in mean.

UNIFORM TEST 0 Roundup-Ready, 2008

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	9	14	16	7	16	14	1	7	8
AG0801	3	11	8	6	5	1	5	4	6
SD1111RR (L)	4	15	6	9	4	3	4	1	5
RG200RR	16	16	15	16	8	16	6	15	12
M00-528090	14	6	11	15	10	15	10	15	15
M01-321123	11	2	14	13	14	8	9	13	7
ND04-23645	10	4	10	10	7	9	15	5	15
SD03-1774R	2	7	1	1	12	12	7	1	2
SD03-3459R	1	1	9	2	2	10	3	1	3
SD03-3794R	13	5	6	4	13	4	14	16	13
SD03-3920R	7	9	2	3	3	6	11	10	10
SD04R-2383	5	12	3	11	11	2	2	13	11
SD04R-3254	11	10	3	8	9	5	16	11	8
SD04R-3441	15	13	12	13	15	11	12	9	1
SD04R-4273	6	3	13	5	1	13	13	7	4
SD04R-4490	8	8	5	12	6	7	8	6	14

UNIFORM TEST 0 Roundup-Ready, 2008

MATURITY (date)

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	Ottawa ONT	St.	Aurora SD	Watertown SD
	8 Tests						Hyacinthe Que.		
RG600RR	9/11	9/26	9/7	9/22	9/13	9/10	9/6	9/3	9/8
AG0801	8.9	1	9	8	7	14	14	9	9
SD1111RR (L)	10.0	1	11	10	7	14	15	13	9
RG200RR	0.8	0	2	-1	1	0	3	1	0
M00-528090	9.0	2	11	5	8	13	14	10	9
M01-321123	5.8	0	6	4	3	10	7	9	7
ND04-23645	6.4	0	7	5	6	8	11	7	7
SD03-1774R	9.0	0	9	7	8	12	15	11	10
SD03-3459R	9.8	1	9	10	8	14	15	10	11
SD03-3794R	11.3	3	12	11	8	16	16	13	11
SD03-3920R	10.8	4	12	7	10	17	14	11	11
SD04R-2383	10.5	1	11	10	8	17	15	12	10
SD04R-3254	9.8	3	12	6	8	15	15	9	10
SD04R-3441	10.4	2	8	11	7	17	15	12	11
SD04R-4273	10.8	3	11	15	8	12	15	11	11
SD04R-4490	11.4	3	12	12	10	14	18	11	11
Date Planted	5/21	6/10	5/16	5/18	6/2	5/23	5/11	5/13	5/20
Days to Mature	113	108	114	127	103	110	118	113	111

UNIFORM TEST 0 Roundup-Ready, 2008

LODGING (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	1.4	1.0	1.0	1.0	1.1	1.1	2.0	1.0	3.0
AG0801	1.5	1.0	1.0	1.0	1.0	1.7	2.3	1.0	3.0
SD1111RR (L)	1.9	1.0	1.0	1.0	1.4	1.7	4.0	1.0	4.0
RG200RR	1.4	1.0	1.0	1.0	1.0	0.9	2.0	1.0	3.0
M00-528090	1.9	1.0	1.0	1.0	1.0	2.7	3.3	1.0	4.0
M01-321123	1.7	1.0	1.3	1.0	1.0	2.5	2.7	1.0	3.0
ND04-23645	2.0	1.0	1.0	1.0	1.0	2.7	4.0	2.0	3.0
SD03-1774R	1.6	1.0	1.0	1.0	0.9	1.5	3.0	1.0	3.0
SD03-3459R	1.5	1.0	1.0	1.0	1.0	1.3	2.7	1.0	3.0
SD03-3794R	1.8	1.0	1.0	1.0	1.0	2.0	4.0	1.0	3.0
SD03-3920R	1.8	1.0	1.0	1.0	1.2	2.4	4.0	1.0	3.0
SD04R-2383	2.0	1.0	1.0	1.0	1.3	3.3	3.0	1.0	4.0
SD04R-3254	1.8	1.0	1.0	1.0	1.5	2.0	4.0	1.0	3.0
SD04R-3441	2.1	1.0	1.0	1.0	1.2	3.3	4.0	1.0	4.0
SD04R-4273	1.6	1.0	1.0	1.0	1.0	1.0	3.0	1.0	4.0
SD04R-4490	1.7	1.0	1.0	1.0	1.1	1.2	3.3	1.0	4.0

UNIFORM TEST 0 Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	28		18	29	19	35	35	23	37
AG0801	33		24	35	29	39	43	29	31
SD1111RR (L)	36		23	35	35	43	49	33	31
RG200RR	29		21	26	25	34	35	24	37
M00-528090	38		29	38	30	43	48	33	46
M01-321123	31		24	26	28	37	40	27	34
ND04-23645	34		24	35	28	39	40	30	39
SD03-1774R	31		24	33	27	37	38	29	32
SD03-3459R	30		25	29	26	39	37	26	28
SD03-3794R	34		26	35	27	39	46	32	32
SD03-3920R	35		27	34	34	42	44	33	32
SD04R-2383	36		30	37	30	44	46	29	39
SD04R-3254	32		22	31	32	39	43	30	31
SD04R-3441	35		27	31	30	43	41	36	39
SD04R-4273	32		24	32	31	37	38	29	33
SD04R-4490	35		26	33	30	38	45	34	42

UNIFORM TEST 0 Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	14.8	13.6	12.9		13.9	17.4	17.7	14.2	14.0
AG0801	15.0	13.4	12.7		14.4	17.4	18.9	14.8	13.4
SD1111RR (L)	14.4	12.1	13.7		12.2	16.0	18.4	15.4	12.8
RG200RR	14.9	12.9	13.2		14.5	16.9	17.9	14.9	14.0
M00-528090	15.0	14.2	12.8		14.6	18.0	18.0	13.0	14.3
M01-321123	14.5	13.3	13.8		12.9	17.4	17.4	14.3	12.6
ND04-23645	13.1	11.4	10.4		11.4	16.5	16.5	12.7	12.6
SD03-1774R	14.9	14.9	12.6		13.3	16.7	19.0	13.2	14.4
SD03-3459R	14.6	14.5	11.5		13.0	16.9	18.5	14.2	13.8
SD03-3794R	13.8	13.0	12.0		11.9	16.7	17.8	12.5	12.5
SD03-3920R	12.7	12.2	11.5		11.9	15.3	15.0	11.3	11.5
SD04R-2383	15.1	15.0	12.9		14.0	17.0	18.6	14.0	14.4
SD04R-3254	14.3	16.0	12.6		14.0	16.1	16.7	11.4	13.2
SD04R-3441	12.6	11.6	10.5		10.2	15.9	16.3	11.1	12.8
SD04R-4273	14.1	14.1	11.3		14.1	15.6	17.7	13.0	13.0
SD04R-4490	16.7	16.1	15.7		16.7	19.4	20.5	12.8	16.0

UNIFORM TEST 0 Roundup-Ready, 2008

SEED QUALITY (score)

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Woodstock ONT	Ottawa ONT	St.	Aurora SD	Watertown SD
	7 Tests						Hyacinthe Que.		
RG600RR	2.1	2.5	2.5		1.0	2.0	1.0	3.0	3.0
AG0801	1.9	2.0	2.0		1.0	2.0	1.0	2.0	3.0
SD1111RR (L)	1.8	2.0	1.5		1.0	2.0	1.0	2.0	3.0
RG200RR	1.9	2.0	2.0		1.0	2.0	1.0	2.0	3.0
M00-528090	2.0	2.0	1.5		1.5	2.0	2.0	2.0	3.0
M01-321123	1.7	1.0	2.0		1.0	2.0	1.0	2.0	3.0
ND04-23645	1.9	1.5	2.5		1.5	2.0	1.0	2.0	3.0
SD03-1774R	1.8	1.5	2.0		1.0	2.0	1.0	2.0	3.0
SD03-3459R	1.9	1.5	2.0		1.5	2.0	1.0	2.0	3.0
SD03-3794R	1.9	1.5	1.5		1.5	2.0	2.0	2.0	3.0
SD03-3920R	1.8	1.5	1.5		1.5	2.0	1.0	2.0	3.0
SD04R-2383	1.9	1.5	1.5		1.5	2.0	2.0	2.0	3.0
SD04R-3254	1.8	1.5	1.5		1.5	2.0	1.0	2.0	3.0
SD04R-3441	1.7	1.5	1.5		1.0	2.0	1.0	2.0	3.0
SD04R-4273	1.7	1.5	1.5		1.0	2.0	2.0	2.0	2.0
SD04R-4490	1.7	1.5	1.5		1.0	2.0	1.0	2.0	3.0

UNIFORM TEST 0 Roundup-Ready, 2008

PROTEIN (%)

Strain	Mean 5 Tests	Morris MN	Rosemount MN	Woodstock ONT.	Ottawa ONT.	St. Hyacinthe Que.
RG600RR	35.1	34.2	34.5	36.7	34.5	35.5
AG0801	34.0	32.7	33.2	37.1	33.2	33.6
SD1111RR (L)	34.4	33.5	35.0	36.1	33.5	34.0
RG200RR	36.5	36.5	35.7	38.5	35.4	36.4
M00-528090	37.0	35.6	36.3	39.8	37.3	35.8
M01-321123	35.6	35.5	34.6	37.7	36.2	33.8
ND04-23645	34.4	33.4	33.6	37.2	34.3	33.6
SD03-1774R	34.7	33.7	35.3	36.9	33.5	34.1
SD03-3459R	34.3	33.7	33.7	36.9	33.3	33.8
SD03-3794R	34.9	34.4	34.2	37.6	34.3	34.2
SD03-3920R	35.0	34.2	35.3	36.9	34.4	34.2
SD04R-2383	35.3	34.7	33.8	38.3	35.1	34.5
SD04R-3254	35.1	33.2	34.0	39.1	35.0	34.4
SD04R-3441	34.9	33.7	33.6	38.6	34.3	34.1
SD04R-4273	34.8	34.4	33.1	38.6	33.9	34.1
SD04R-4490	36.6	35.2	35.6	39.4	36.2	36.3

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST 0 Roundup-Ready, 2008

OIL (%)

Strain	Mean 5 Tests	Morris MN	Rosemount MN	Woodstock ONT.	Ottawa ONT.	St. Hyacinthe Que.
RG600RR	18.6	17.6	18.7	18.2	19.6	18.8
AG0801	17.5	17.4	18.0	17.0	18.9	16.4
SD1111RR (L)	18.5	18.7	19.1	17.0	19.2	18.5
RG200RR	17.4	16.7	17.9	16.3	17.9	18.1
M00-528090	16.7	16.6	16.8	15.8	17.7	16.6
M01-321123	17.9	17.2	18.9	16.8	18.5	17.9
ND04-23645	18.2	17.9	19.0	16.5	19.1	18.6
SD03-1774R	18.4	17.9	19.0	16.8	19.9	18.5
SD03-3459R	18.5	18.4	19.3	16.6	19.5	18.5
SD03-3794R	18.0	17.7	18.6	16.3	19.1	18.3
SD03-3920R	17.7	17.3	17.6	17.2	18.7	17.6
SD04R-2383	17.6	17.1	18.3	16.0	18.4	18.1
SD04R-3254	17.4	16.8	17.3	16.7	18.9	17.5
SD04R-3441	17.8	17.1	18.5	15.9	19.1	18.5
SD04R-4273	18.6	18.2	19.3	16.4	20.3	18.7
SD04R-4490	16.9	16.9	17.8	14.9	17.8	17.2

Preliminary Test 0 Roundup-Ready, 2008

Ent.	Strain	Parentage	Seed Source	Gen. Comp.	Unique Traits
1.	RG600RR	replaces RG200RR	Helms		RR
2.	AG0801	na	Monsanto		
3.	SD1111RR (L)	A97-771039 x SD1081RR	Scott	F4	RR
4.	RG200RR	Trail*3 x (Council x Resnik(RR))	Helms		RR
5.	M02-729056	MN0904RR x SD1091RR	Orf	F5	RR
6.	M02-733007	MN0904RR x MN1103SP	Orf	F5	RR Low Lin
7.	M02-733118	MN0904RR x MN1103SP	Orf	F5	RR Low Lin
8.	M02-734054	MN0801SP x MN0206RR	Orf	F5	RR
9.	M02-735058	MN1504RR x MN0091	Orf	F5	RRwm
10.	M02-736018	MN0304 x MN0305RR	Orf	F5	RR
11.	ND05-3752	ND00-547 x SD1091RR	Helms	F3	Rps1-c
12.	ND05-3821	ND00-2765 x SD1091RR	Helms	F3	Rps1-c
13.	ND05-3823	ND00-2765 x SD1091RR	Helms	F3	Rps1-c
14.	ND05-4107	SD1091RR x ORC9902	Helms	F3	
15.	ND05-18393	RG601NRR x MN0302	Helms	F4	Rps6
16.	ND05-18697	RG405RR x (Loda x M92-1571)	Helms	F4	SCN, Rps6
17.	ND05-18701	RG405RR x ND98-2252	Helms	F4	Rps6
18.	ND05-19006	SD1091RR x ND99-2608	Helms	F4	Rps1-c
19.	SD05R-2596	SD1081RR x SD99-010R	Scott	F5	RR
20.	SD05R-2941	SD99-011R x Pion 9233	Scott	F5	RR
21.	SD05R-2978	SD99-011R x Pion 9233	Scott	F5	RR
22.	SD05R-2998	SD99-002R x Pion 9233	Scott	F5	RR
23.	SD05R-3205	SD99-061R x Pion 9233	Scott	F5	RR
24.	SD05R-4592	SD1081RR x Pion 9233	Scott	F5	RR
25.	SD05R-4770	SDX00R-035-24 x Traill	Scott	F5	RR

PRELIMINARY TEST 0 Roundup-Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>		<u>SCL</u>	<u>Shattering</u>	<u>PR</u>	
		Score		Score	Score	Lafayette	
		Lake Lillian MN	Wilkin County MN	St. Hyacinthe QUE	Manhattan KS	Race 4	Race 7
RG600RR	PTBDYI	3.3	2.0	2.5	1.0	S	S
AG0801	PTBDYBII	3.6	1.6	3.0	1.0	R	R
SD1111RR (L)	PGBDYI	4.4	2.4	3.5	1.0	S	S
RG200RR	PTBDYI	3.4	1.8	2.0	2.0	S	S
M02-729056	PGBDYBfI	3.4	1.8	4.0	1.0	R*	R*
M02-733007	PTBDYBII	3.5	2.3	3.5	1.0	R*	R*
M02-733118	PGBDYIbI	3.9	2.1	3.5	1.0	R*	R*
M02-734054	PGBDYI	2.8	2.6	4.0	1.0	S	R*
M02-735058	PGTDYIbI	3.1	2.1	3.0	1.0	R*	R*
M02-736018	PGTDYIbI	3.8	2.3	2.5	1.0	R*	R*
ND05-3752	PTBDYBII	3.9	2.4	2.5	1.0	R*	R
ND05-3821	PGBDYLgrI	4.1	2.1	3.0	1.0	S	R
ND05-3823	PGBDYIbI	3.6	2.3	3.5	2.0	S	R
ND05-4107	PTBDYBII	3.0	1.9	3.5	1.0	R*	H*
ND05-18393	PGTDYBfI	2.3	1.4	3.0	1.0	R	R*
ND05-18697	PTTDYBrI	3.8	1.9	3.0	1.0	R	S
ND05-18701	PT+GBDYBr+BfI	3.6	1.9	4.0	1.0	R	R*
ND05-19006	PGBDYIbI	3.6	2.0	3.5	1.0	S	R
SD05R-2596	PTTDYBI+GrI	3.6	2.3	2.5	1.0	R*	R*
SD05R-2941	PTTDYBrI	4.3	2.0	3.5	1.0	S	S
SD05R-2978	P+WTTDYBrI	3.8	2.0	3.5	1.0	S	S
SD05R-2998	W+PTTDYBrI	4.5	2.6	3.0	1.0	S	R*
SD05R-3205	W+PTBDYBII	4.3	2.0	4.0	1.0	S	S
SD05R-4592	P+WTTDYBrI	3.4	2.9	3.5	1.0	S	S
SD05R-4770	PGBDYI	3.1	2.0	2.5	1.0	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PRELIMINARY TEST 0 Roundup-Ready, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	<u>Composition</u>	
	4 bu/a	4 No.	5 Date	5 Score	4 In.	5 g/100	5 Score	3 Protein %	3 Oil %
RG600RR	33.1	18	9/11	1.6	28	14.3	2.3	35.5	17.6
AG0801	41.4	1	6.8	1.8	32	15.1	1.8	33.8	16.9
SD1111RR (L)	38.8	2	8.0	2.0	37	13.6	2.1	34.8	18.9
RG200RR	34.6	11	0.4	1.8	30	13.9	2.3	36.3	16.9
M02-729056	34.2	13	7.2	1.6	29	13.9	2.0	36.2	17.2
M02-733007	33.7	14	6.4	1.9	29	14.0	1.8	36.0	16.8
M02-733118	32.9	19	7.4	1.7	30	14.5	2.0	36.0	17.2
M02-734054	29.9	25	7.6	1.8	34	13.3	1.7	38.1	15.6
M02-735058	32.7	21	2.6	1.6	30	13.3	1.8	35.1	17.5
M02-736018	32.4	23	3.2	1.5	30	13.4	2.0	35.3	17.0
ND05-3752	33.4	15	3.4	1.4	25	15.9	1.9	35.2	17.3
ND05-3821	35.6	5	3.6	1.8	30	13.1	1.9	36.0	17.3
ND05-3823	34.6	11	6.6	2.0	33	13.2	1.9	34.9	17.7
ND05-4107	34.7	10	4.8	1.5	29	15.0	2.4	36.1	16.5
ND05-18393	32.7	21	5.4	1.4	29	14.2	1.7	35.5	17.9
ND05-18697	34.9	9	2.8	2.1	34	14.0	1.8	34.8	17.2
ND05-18701	36.3	4	6.4	2.0	36	14.9	2.2	35.1	17.8
ND05-19006	35.0	8	2.8	1.8	30	14.2	2.2	34.9	18.3
SD05R-2596	33.4	15	7.8	1.6	29	15.0	2.6	35.4	17.3
SD05R-2941	35.4	6	7.6	1.8	34	14.8	1.5	35.2	17.8
SD05R-2978	35.3	7	7.4	1.8	34	14.8	2.9	35.5	17.3
SD05R-2998	32.9	19	7.8	1.6	32	14.0	2.8	35.9	17.3
SD05R-3205	31.2	24	8.0	1.9	33	12.3	2.7	35.2	17.7
SD05R-4592	37.2	3	8.8	1.9	34	14.4	1.9	34.5	17.8
SD05R-4770	33.4	15	8.2	1.5	31	14.6	1.8	36.1	18.0

110.0 Days After Planting

PRELIMINARY TEST 0 Roundup-Ready, 2008

YIELD (bu/a)

Strain	Mean 4 Tests	Morris MN	Rosemount* MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	33.1	19.7	15.1	56.7	27.1	28.9
AG0801	41.4	30.3	17.0	68.3	37.0	30.0
SD1111RR (L)	38.8	25.4	26.5	64.6	37.5	27.6
RG200RR	34.6	21.8	21.1	55.6	30.3	30.9
M02-729056	34.2	33.7	27.1	43.5	29.9	29.9
M02-733007	33.7	20.8	24.3	55.6	29.2	29.0
M02-733118	32.9	24.2	19.4	48.0	31.7	27.5
M02-734054	29.9	21.7	25.0	47.5	26.2	24.4
M02-735058	32.7	24.3	25.7	48.9	32.0	25.5
M02-736018	32.4	18.8	27.0	50.2	31.5	29.0
ND05-3752	33.4	22.3	15.9	57.8	28.1	25.5
ND05-3821	35.6	25.3	22.0	54.4	33.7	29.1
ND05-3823	34.6	24.4	20.2	52.8	38.1	23.0
ND05-4107	34.7	23.4	21.5	53.3	32.3	29.6
ND05-18393	32.7	18.7	15.3	55.6	28.6	27.8
ND05-18697	34.9	23.8	20.2	60.2	29.6	26.0
ND05-18701	36.3	19.5	20.4	59.5	36.2	30.1
ND05-19006	35.0	23.2	16.0	54.2	33.2	29.4
SD05R-2596	33.4	15.8	19.5	54.7	33.0	30.3
SD05R-2941	35.4	16.5	23.6	59.0	34.5	31.6
SD05R-2978	35.3	22.3	23.3	52.9	35.5	30.6
SD05R-2998	32.9	23.2	17.4	56.6	26.1	25.6
SD05R-3205	31.2	18.4	26.5	52.0	27.8	26.5
SD05R-4592	37.2	21.0	23.9	64.2	32.8	30.7
SD05R-4770	33.4	17.0	24.4	62.7	25.1	28.9
Location Mean		22.2		55.6	31.5	28.3
C.V. (%)		11.3		5.4	8.8	7.3
L.S.D. (5%)		5.1		5.2	5.7	4.3
Row Sp. (In.)		10	10	15	30	30
Rows/Plot		4	4	4	4	4
Reps		3	3	2	2	2

*Data not included in mean.

PRELIMINARY TEST 0 Roundup-Ready, 2008

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	18	18	25	9	22	14
AG0801	1	2	21	1	3	7
SD1111RR (L)	2	3	3	2	2	17
RG200RR	11	14	14	11	15	2
M02-729056	13	1	1	25	16	8
M02-733007	14	17	8	11	18	12
M02-733118	19	7	19	23	13	18
M02-734054	25	15	6	24	23	24
M02-735058	21	6	5	22	12	22
M02-736018	23	20	2	21	14	12
ND05-3752	15	12	23	8	20	22
ND05-3821	5	4	12	15	7	11
ND05-3823	11	5	16	19	1	25
ND05-4107	10	9	13	17	11	9
ND05-18393	21	21	24	11	19	16
ND05-18697	9	8	16	5	17	20
ND05-18701	4	19	15	6	4	6
ND05-19006	8	10	22	16	8	10
SD05R-2596	15	25	18	14	9	5
SD05R-2941	6	24	10	7	6	1
SD05R-2978	7	12	11	18	5	4
SD05R-2998	19	10	20	10	24	21
SD05R-3205	24	22	3	20	21	19
SD05R-4592	3	16	9	3	10	3
SD05R-4770	15	23	7	4	25	14

PRELIMINARY TEST 0 Roundup-Ready, 2008

MATURITY (date)

Strain	Mean 5 Tests	Morris MN	Rosemount MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	9/11	9/17	9/15	9/10	9/6	9/9
AG0801	6.8	3	5	10	6	10
SD1111RR (L)	8.0	3	7	12	8	10
RG200RR	0.4	1	1	1	-1	0
M02-729056	7.2	3	6	10	7	10
M02-733007	6.4	3	5	9	5	10
M02-733118	7.4	3	6	10	8	10
M02-734054	7.6	3	7	11	7	10
M02-735058	2.6	2	1	3	3	4
M02-736018	3.2	3	1	2	4	6
ND05-3752	3.4	2	3	3	-1	10
ND05-3821	3.6	2	3	3	4	6
ND05-3823	6.6	4	6	10	4	9
ND05-4107	4.8	3	6	3	5	7
ND05-18393	5.4	2	5	3	6	11
ND05-18697	2.8	2	2	2	4	4
ND05-18701	6.4	3	4	10	5	10
ND05-19006	2.8	2	3	2	3	4
SD05R-2596	7.8	3	5	10	10	11
SD05R-2941	7.6	4	6	11	6	11
SD05R-2978	7.4	5	7	10	10	5
SD05R-2998	7.8	4	5	9	10	11
SD05R-3205	8.0	3	5	10	10	12
SD05R-4592	8.8	3	6	12	11	12
SD05R-4770	8.2	3	6	12	10	10
Date Planted	5/24	6/10	6/6	5/11	5/13	5/20
Days to Mature	110	99	101	122	116	112

PRELIMINARY TEST 0 Roundup-Ready, 2008

LODGING (score)

Strain	Mean 5 Tests	Morris MN	Rosemount MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	1.6	1.0	1.0	2.0	1.0	3.0
AG0801	1.8	1.0	1.0	2.0	1.0	4.0
SD1111RR (L)	2.0	1.0	1.0	3.0	1.0	4.0
RG200RR	1.8	1.0	1.0	2.0	1.0	4.0
M02-729056	1.6	1.0	1.0	2.0	1.0	3.0
M02-733007	1.9	1.0	1.0	3.5	1.0	3.0
M02-733118	1.7	1.0	1.0	2.5	1.0	3.0
M02-734054	1.8	1.0	1.0	3.0	1.0	3.0
M02-735058	1.6	1.0	1.0	2.0	1.0	3.0
M02-736018	1.5	1.0	1.0	1.5	1.0	3.0
ND05-3752	1.4	1.0	1.0	1.0	1.0	3.0
ND05-3821	1.8	1.0	1.0	3.0	1.0	3.0
ND05-3823	2.0	1.0	1.0	3.0	1.0	4.0
ND05-4107	1.5	1.0	1.0	1.5	1.0	3.0
ND05-18393	1.4	1.0	1.0	1.0	1.0	3.0
ND05-18697	2.1	1.0	1.0	3.5	2.0	3.0
ND05-18701	2.0	1.0	1.0	3.0	1.0	4.0
ND05-19006	1.8	1.0	1.0	3.0	1.0	3.0
SD05R-2596	1.6	1.0	1.0	2.0	1.0	3.0
SD05R-2941	1.8	1.0	1.0	2.0	1.0	4.0
SD05R-2978	1.8	1.0	1.0	2.0	1.0	4.0
SD05R-2998	1.6	1.0	1.0	2.0	1.0	3.0
SD05R-3205	1.9	1.0	1.0	2.5	1.0	4.0
SD05R-4592	1.9	1.0	1.0	2.5	1.0	4.0
SD05R-4770	1.5	1.0	1.0	1.5	1.0	3.0

PRELIMINARY TEST 0 Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Mean 4 Tests	Morris MN	Rosemount MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	28		26	36	24	27
AG0801	32		25	42	30	32
SD1111RR (L)	37		28	46	32	41
RG200RR	30		26	35	25	33
M02-729056	29		26	34	25	29
M02-733007	29		25	35	27	29
M02-733118	30		24	39	27	29
M02-734054	34		29	45	27	36
M02-735058	30		28	34	26	32
M02-736018	30		28	34	28	29
ND05-3752	25		27	30	19	24
ND05-3821	30		28	36	26	30
ND05-3823	33		29	37	28	36
ND05-4107	29		28	37	23	29
ND05-18393	29		28	35	24	30
ND05-18697	34		29	43	34	31
ND05-18701	36		32	42	32	37
ND05-19006	30		24	35	26	34
SD05R-2596	29		26	34	29	28
SD05R-2941	34		30	42	29	35
SD05R-2978	34		30	41	28	36
SD05R-2998	32		29	39	27	32
SD05R-3205	33		28	40	26	37
SD05R-4592	34		32	41	30	35
SD05R-4770	31		28	35	30	31

PRELIMINARY TEST 0 Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Mean 5 Tests	Morris MN	Rosemount MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	14.3	14.0	13.2	16.7	13.9	13.7
AG0801	15.1	14.2	13.7	18.2	15.0	14.5
SD1111RR (L)	13.6	12.3	12.1	17.5	13.1	13.2
RG200RR	13.9	13.5	12.4	17.4	12.7	13.3
M02-729056	13.9	13.8	13.6	16.2	13.4	12.6
M02-733007	14.0	13.0	14.0	16.5	13.5	13.2
M02-733118	14.5	13.4	13.9	16.4	15.4	13.3
M02-734054	13.3	12.2	11.7	17.5	12.9	12.2
M02-735058	13.3	12.7	14.2	15.8	12.5	11.2
M02-736018	13.4	11.9	12.4	16.4	13.3	12.8
ND05-3752	15.9	12.3	14.9	20.4	16.2	15.8
ND05-3821	13.1	11.9	13.1	14.9	12.8	12.8
ND05-3823	13.2	11.9	13.2	15.6	13.2	12.1
ND05-4107	15.0	13.8	14.2	18.4	14.8	13.8
ND05-18393	14.2	12.8	13.5	16.8	14.6	13.2
ND05-18697	14.0	13.9	12.6	17.3	13.0	13.4
ND05-18701	14.9	13.3	13.6	18.9	14.9	13.7
ND05-19006	14.2	12.5	13.1	17.5	14.6	13.3
SD05R-2596	15.0	12.5	13.9	20.0	14.0	14.6
SD05R-2941	14.8	12.9	14.3	18.4	13.9	14.3
SD05R-2978	14.8	13.5	14.2	18.7	13.7	14.1
SD05R-2998	14.0	13.9	13.4	18.1	12.2	12.2
SD05R-3205	12.3	11.7	11.2	15.3	11.0	12.3
SD05R-4592	14.4	13.6	13.0	18.9	12.9	13.4
SD05R-4770	14.6	13.9	14.4	18.4	14.6	11.9

PRELIMINARY TEST 0 Roundup-Ready, 2004

SEED QUALITY (score)

Strain	Mean 5 Tests	Morris MN	Rosemount MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG600RR	2.3	2.5	2.0	1.0	3.0	3.0
AG0801	1.8	2.0	2.0	1.0	2.0	2.0
SD1111RR (L)	2.1	1.5	2.0	3.0	2.0	2.0
RG200RR	2.3	2.0	2.5	1.0	3.0	3.0
M02-729056	2.0	2.0	2.0	1.0	2.0	3.0
M02-733007	1.8	2.0	2.0	1.0	2.0	2.0
M02-733118	2.0	2.0	2.0	1.0	2.0	3.0
M02-734054	1.7	1.5	2.0	1.0	2.0	2.0
M02-735058	1.8	2.0	2.0	1.0	2.0	2.0
M02-736018	2.0	2.5	2.5	1.0	2.0	2.0
ND05-3752	1.9	2.5	2.0	1.0	2.0	2.0
ND05-3821	1.9	2.5	2.0	1.0	2.0	2.0
ND05-3823	1.9	1.5	2.0	1.0	2.0	3.0
ND05-4107	2.4	2.0	2.0	3.0	2.0	3.0
ND05-18393	1.7	2.0	1.5	1.0	2.0	2.0
ND05-18697	1.8	2.5	1.5	1.0	2.0	2.0
ND05-18701	2.2	2.0	2.0	1.0	3.0	3.0
ND05-19006	2.2	2.0	2.0	3.0	2.0	2.0
SD05R-2596	2.6	1.5	1.5	3.0	4.0	3.0
SD05R-2941	1.5	1.0	1.5	1.0	2.0	2.0
SD05R-2978	2.9	1.5	2.0	5.0	3.0	3.0
SD05R-2998	2.8	2.0	2.0	4.0	3.0	3.0
SD05R-3205	2.7	2.0	1.5	3.0	4.0	3.0
SD05R-4592	1.9	2.0	1.5	1.0	3.0	2.0
SD05R-4770	1.8	1.5	1.5	1.0	3.0	2.0

PRELIMINARY TEST 0 Roundup-Ready, 2008**PROTEIN (%)**

Strain	Mean 3 Tests	Morris MN	Rosemount MN	St. Hyacinthe Que.
RG600RR	35.5	37.8	34.3	34.2
AG0801	33.8	34.7	33.0	33.7
SD1111RR (L)	34.8	34.2	35.2	35.0
RG200RR	36.3	38.0	35.6	35.3
M02-729056	36.2	36.7	35.5	36.3
M02-733007	36.0	36.5	35.9	35.6
M02-733118	36.0	36.7	35.5	35.7
M02-734054	38.1	39.0	38.2	37.0
M02-735058	35.1	36.3	34.2	34.6
M02-736018	35.3	37.1	34.4	34.4
ND05-3752	35.2	36.9	34.9	33.7
ND05-3821	36.0	36.9	35.9	35.2
ND05-3823	34.9	35.6	34.2	35.1
ND05-4107	36.1	36.3	35.8	36.0
ND05-18393	35.5	36.4	35.7	34.5
ND05-18697	34.8	36.2	34.3	33.8
ND05-18701	35.1	35.7	34.8	35.0
ND05-19006	34.9	36.0	34.7	34.0
SD05R-2596	35.4	35.4	34.9	35.9
SD05R-2941	35.2	35.5	34.4	35.6
SD05R-2978	35.5	36.1	35.3	35.1
SD05R-2998	35.9	36.8	35.1	35.8
SD05R-3205	35.2	35.8	34.7	35.3
SD05R-4592	34.5	35.1	33.8	34.8
SD05R-4770	36.1	37.8	34.8	35.6

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST 0 Roundup-Ready, 2008**OIL (%)**

Strain	Mean 3 Tests	Morris MN	Rosemount MN	St. Hyacinthe Que.
RG600RR	17.6	16.1	18.5	18.4
AG0801	16.9	16.5	17.4	16.8
SD1111RR (L)	18.9	17.9	19.1	19.6
RG200RR	16.9	15.7	17.4	17.7
M02-729056	17.2	16.5	17.8	17.2
M02-733007	16.8	16.6	17.5	16.3
M02-733118	17.2	16.7	17.9	16.9
M02-734054	15.6	14.7	16.0	16.0
M02-735058	17.5	16.3	18.2	17.9
M02-736018	17.0	15.3	17.7	18.0
ND05-3752	17.3	16.4	17.8	17.6
ND05-3821	17.3	16.6	17.1	18.2
ND05-3823	17.7	17.0	18.0	18.1
ND05-4107	16.5	16.2	17.0	16.3
ND05-18393	17.9	17.5	17.8	18.4
ND05-18697	17.2	16.7	17.6	17.4
ND05-18701	17.8	16.4	18.1	18.8
ND05-19006	18.3	17.4	18.8	18.6
SD05R-2596	17.3	16.9	17.5	17.5
SD05R-2941	17.8	16.8	18.1	18.4
SD05R-2978	17.3	16.9	17.7	17.3
SD05R-2998	17.3	16.7	17.4	17.9
SD05R-3205	17.7	16.5	18.8	17.9
SD05R-4592	17.8	17.0	18.4	18.0
SD05R-4770	18.0	16.9	18.5	18.7

Uniform Test I Roundup-Ready, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	SD1161RR/(SCN)	IA1008 x SD1081RR	Scott	1		
2.	SD1111RR (E)	A97-771039 x SD1081RR	Scott	2	F4	RR
3.	MN1803RR	Parker (2) x Resnik BC2F2	Orf	4		
4.	AG2002	na	Monsanto	1		
5.	U03-820038 (SCN)	na	Graef	07 SCN UIRR		
6.	M00-530039	MN1803RR x M96-136086	Orf	1	F5	Rps1
7.	SD03-2768R	IA1008 x HenRR	Scott	1	F5	RR
8.	SD03-3038R	Pion 9151 x SD93-828E	Scott	1	F5	RR; Rps1-k
9.	SDX00R-017-52	A97-770051 x SD93-828R	Scott	4	F4	RR
10.	SD04R-2700	MN0902 x SD93-828R	Scott	PTIRR	F4	RR
11.	SD04R-2738	Parker x SD1081RR	Scott	PTIRR	F4	RR
12.	SD04R-4058	SD96-2156 x SD93-828R	Scott	PTIRR	F4	RR
13.	SD05R-2491	SD1081RR x SD99-002R	Scott	new	F5	RR
14.	SD05R-2554	SD1081RR x SD99-010R	Scott	new	F5	RR
15.	SD05R-2749	Pion 9233 x SD1091RR	Scott	new	F5	RR
16.	SD05R-2750	Pion 9233 x SD1091RR	Scott	new	F5	RR
17.	SD05R-3635	A00-712041 x SD1091RR	Scott	new	F5	RR
18.	SD05R-3806	SD1091RR x SD99-011R	Scott	new	F5	RR
19.	SD05R-4526	SD1081RR x Pion 9233	Scott	new	F5	RR
20.	SD05R-4608	SD1081RR x Pion 9233	Scott	new	F5	RR
21.	SD05R-5866	SD01-3382R x CX1834-1-3	Scott	new	F5	RR, Phytate
22.	SD05R-5878	SD01-3382R x CX1834-1-3	Scott	new	F5	RR, Phytate
23.	SD05R-5900	SD01-3382R x CX1834-1-3	Scott	new	F5	RR, Phytate
24.	U06-811226R	na	Graef	new	F4	RR, SCN, Rps 1-c

UNIFORM TEST I Roundup-Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis Score		Green Stem	SCL	Shattering
		Lake Lillian MN	Wilkin County MN	Score St. Hyacinthe QUE	Score	Score Manhattan KS
SD1161RR/(SCN)	WGBDYI	1.9	2.0	5.0	4.3	1.0
SD1111RR (E)	PGBDYI	2.3	3.6	1.0	3.7	1.0
MN1803RR	WGBDYBfI	1.8	3.3	2.0	4.3	1.0
AG2002	PTBDYBII	1.5	2.4	3.0	4.0	1.0
U03-820038 (SCN)	PTTDYBII	2.4	2.9	3.0	4.7	1.0
M00-530039	PGTDYBrI	1.5	2.0	1.0	4.0	1.0
SD03-2768R	PGBDYI	2.1	2.5	2.0	4.0	1.0
SD03-3038R	PTBDYBII	2.1	2.4	1.0	5.0	1.0
SDX00R-017-52	PGBDYBfI	1.5	1.6	2.0	4.7	1.0
SD04R-2700	PTBDYBrI	1.9	3.5	2.0	3.3	1.0
SD04R-2738	P+WGBDYBfI	2.3	4.1	1.0	5.0	1.0
SD04R-4058	WGBDYBfI	2.0	2.1	3.0	5.0	1.0
SD05R-2491	P+WGTDYIbI	1.8	1.6	4.0	4.7	2.0
SD05R-2554	PGB+TDYI	1.8	3.3	2.0	4.0	1.0
SD05R-2749	WGBDYBfI	2.1	2.8	3.0	5.0	1.0
SD05R-2750	WTTDYBI+BrI	1.5	1.4	1.0	5.0	1.0
SD05R-3635	PGBDYIbI	2.0	2.3	2.0	5.0	1.0
SD05R-3806	PTBDYBII	2.4	3.8	3.0	4.7	1.0
SD05R-4526	PTBDYBrI	2.0	3.5	3.0	4.3	1.0
SD05R-4608	WTBDYBrI	2.0	3.6	3.0	4.7	1.0
SD05R-5866	P+WGBDYIb+BfI	1.8	1.9	1.0	3.7	1.0
SD05R-5878	PGBDYIbI	1.8	2.9	1.0	3.3	1.0
SD05R-5900	P+WGBDYIb+BfI	1.9	1.8	2.0	3.7	1.0
U06-811226R	P+WGBDYD	2.8	3.0	4.0	4.7	1.0

UNIFORM TEST I Roundup-Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	PR Lafayette		FE	SDS
	Race 4	Race 7	Laf. a rx.	DX Havana IL
SD1161RR/(SCN)	S	S	S	1
SD1111RR (E)	S	S	S	1
MN1803RR	S	S	S	2
AG2002	S	R	S	2
U03-820038 (SCN)	S	R*	S	5
M00-530039	S	S	S	15
SD03-2768R	S	S	S	1
SD03-3038R	R	R	-	5
SDX00R-017-52	R*	S	-	4
SD04R-2700	R*	R*	S	2
SD04R-2738	S	S	S	2
SD04R-4058	S	S	S	2
SD05R-2491	R*	R*	S	31
SD05R-2554	S	S	-	20
SD05R-2749	S	S	S	5
SD05R-2750	S	S	S	3
SD05R-3635	S	S	S	4
SD05R-3806	S	S	S	6
SD05R-4526	S	S	S	10
SD05R-4608	S	S	S	1
SD05R-5866	S	S	S	8
SD05R-5878	S	S	S	9
SD05R-5900	S	S	S	29
U06-811226R	S	R	S	2

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST I Roundup-Ready, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 12 bu/a	Rank 12 No.	Maturity 11 Date	Lodging 11 Score	Plant Height 9 In.	Seed Size 12 g/100	Seed Quality 6 Score	Composition	
								Protein 6 %	Oil 6 %
SD1161RR/(SCN)	51.9	6	9/17	1.7	32	15.5	1.6	34.0	18.4
SD1111RR (E)	47.9	17	-5.4	1.8	31	14.8	1.8	34.0	19.1
MN1803RR	51.8	7	-0.5	2.1	36	15.5	1.7	34.5	18.8
AG2002	57.1	1	3.5	1.5	35	13.2	1.6	34.2	18.3
U03-820038 (SCN)	53.0	4	0.4	1.3	28	14.3	1.7	34.3	18.5
M00-530039	55.0	2	-3.0	1.5	30	16.4	1.8	34.4	18.3
SD03-2768R	50.2	11	-2.9	1.7	31	16.1	1.7	32.8	19.1
SD03-3038R	47.6	19	-3.3	1.8	30	15.1	1.8	34.0	18.8
SDX00R-017-52	52.7	5	-2.1	1.7	33	13.7	1.6	33.6	19.3
SD04R-2700	51.6	8	-1.5	1.6	32	15.8	1.5	34.9	18.1
SD04R-2738	45.7	22	-3.8	2.1	33	13.6	2.1	34.6	18.8
SD04R-4058	46.1	20	-2.1	1.7	33	15.1	2.0	33.7	19.0
SD05R-2491	45.4	24	-3.0	1.8	29	14.2	1.8	34.2	18.8
SD05R-2554	45.6	23	-1.3	1.7	30	16.5	1.8	34.0	18.5
SD05R-2749	50.6	9	-0.4	2.0	33	16.1	1.8	34.5	18.6
SD05R-2750	47.7	18	-0.9	1.7	30	14.2	1.9	35.4	17.8
SD05R-3635	48.3	15	-3.8	1.9	30	15.3	1.9	34.1	18.7
SD05R-3806	46.1	20	-2.6	1.9	31	16.4	1.8	35.4	18.1
SD05R-4526	50.1	12	-1.2	1.9	34	15.3	1.7	34.5	18.4
SD05R-4608	50.3	10	-2.2	1.8	33	15.8	1.9	34.4	18.3
SD05R-5866	49.4	13	-5.5	1.5	31	16.8	2.0	34.2	19.0
SD05R-5878	48.1	16	-4.4	1.4	31	16.8	1.8	34.1	18.9
SD05R-5900	48.4	13	-3.9	1.6	30	16.9	1.8	33.9	18.9
U06-811226R	53.8	3	8.2	1.5	29	14.1	2.3	33.0	19.2

121.4 Days After Planting

UNIFORM TEST I Roundup-Ready, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield 21 bu/a	Rank 21 No.	Maturity 20 Date	Lodging 20 Score	Plant Height 18 In.	Seed Size 21 g/100	Seed Quality 13 Score	Composition	
								Protein 14 %	Oil 14 %
SD1161RR/(SCN)	50.8	3	9/17	1.5	32	15.9	1.5	34.2	18.0
SD1111RR (E)	45.8	7	-4.1	1.6	32	15.3	1.7	33.7	19.0
MN1803RR	47.7	5	-0.1	1.9	35	16.0	1.7	34.6	18.7
AG2002	55.5	1	3.0	1.5	34	13.8	1.5	34.1	18.4
M00-530039	51.6	2	-2.8	1.4	30	16.8	1.6	34.1	18.5
SD03-2768R	48.9	4	-2.2	1.5	30	16.6	1.6	32.9	18.9
SD03-3038R	46.4	6	-2.8	1.6	30	15.9	1.7	33.8	19.2

122.5 Days After Planting

UNIFORM TEST I Roundup-Ready, 2008

YIELD (bu/a)

Strain	Mean 12 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN
SD1161RR/(SCN)	51.9	50.3	48.8	50.4	54.5	47.2	56.7
SD1111RR (E)	47.9	40.4	40.7	40.5	39.8	48.2	53.7
MN1803RR	51.8	50.2	46.1	46.8	52.4	45.9	59.3
AG2002	57.1	67.8	53.6	54.6	55.5	51.1	60.1
U03-820038 (SCN)	53.0	50.4	54.9	50.9	54.4	51.7	58.5
M00-530039	55.0	56.4	50.5	45.2	50.7	49.4	61.4
SD03-2768R	50.2	51.1	46.6	37.9	47.7	47.8	41.9
SD03-3038R	47.6	45.4	41.8	44.6	46.4	45.3	59.0
SDX00R-017-52	52.7	62.1	50.9	50.6	49.9	41.1	62.5
SD04R-2700	51.6	50.6	51.1	50.5	51.2	44.9	56.0
SD04R-2738	45.7	42.9	47.8	44.8	43.0	37.2	48.7
SD04R-4058	46.1	43.9	45.5	44.3	43.5	37.9	53.5
SD05R-2491	45.4	43.3	44.5	44.1	39.9	44.3	57.2
SD05R-2554	45.6	43.1	43.3	42.6	38.9	40.9	66.7
SD05R-2749	50.6	53.3	45.0	51.9	48.4	44.8	61.9
SD05R-2750	47.7	53.1	45.4	43.5	37.1	42.6	59.1
SD05R-3635	48.3	54.5	41.4	47.7	44.6	41.7	53.9
SD05R-3806	46.1	45.2	39.6	46.9	37.4	41.7	56.4
SD05R-4526	50.1	48.6	46.7	43.7	44.3	46.5	41.2
SD05R-4608	50.3	54.1	47.3	41.4	41.0	42.7	56.9
SD05R-5866	49.4	41.8	42.2	49.4	54.2	44.8	55.5
SD05R-5878	48.1	45.2	37.3	48.3	49.2	45.3	57.2
SD05R-5900	48.4	41.9	42.5	47.9	44.6	38.5	51.5
U06-811226R	53.8	59.1	49.7	52.3	55.2	43.2	64.2
Location Mean		49.8	46.0	46.7	46.8	44.4	56.4
C.V. (%)		10.0	6.3	7.6	11.0	9.1	11.0
L.S.D. (5%)		8.2	4.7	6.1	8.8	6.7	10.2
Row Sp. (In.)		30	30	15	15	10	10
Rows/Plot		4	4	6	6	10	10
Reps		3	3	2	2	3	3

UNIFORM TEST I Roundup-Ready, 2008

YIELD (bu/a)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	47.5	70.8	75.9	35.3	28.9	60.9
SD1111RR (E)	47.7	66.4	74.1	35.0	30.3	63.5
MN1803RR	57.4	71.2	79.3	34.6	32.5	53.6
AG2002	62.9	70.4	87.9	35.0	33.8	55.8
U03-820038 (SCN)	48.4	75.7	82.0	36.1	39.0	39.9
M00-530039	55.8	79.4	88.3	36.5	38.1	55.0
SD03-2768R	57.9	66.7	75.8	36.5	28.8	55.5
SD03-3038R	48.7	71.2	73.5	34.6	32.2	40.2
SDX00R-017-52	56.1	68.2	87.7	35.2	30.6	46.9
SD04R-2700	49.0	72.9	78.7	35.0	32.4	51.3
SD04R-2738	48.8	66.0	75.0	34.2	25.1	37.5
SD04R-4058	45.8	62.9	76.8	32.4	28.2	45.8
SD05R-2491	47.8	66.4	69.8	35.0	28.9	35.2
SD05R-2554	44.2	59.6	77.2	34.4	32.4	44.7
SD05R-2749	49.0	72.8	89.7	33.8	27.0	41.1
SD05R-2750	45.5	72.5	79.1	34.0	30.0	42.4
SD05R-3635	49.4	73.0	84.1	34.9	25.8	34.3
SD05R-3806	44.2	68.2	78.9	34.5	26.8	44.1
SD05R-4526	52.1	66.9	84.0	35.0	29.1	54.0
SD05R-4608	50.8	67.8	81.4	35.7	35.5	55.9
SD05R-5866	45.2	73.2	73.3	35.4	29.0	54.8
SD05R-5878	48.0	69.1	69.2	35.0	29.0	53.4
SD05R-5900	51.1	68.1	75.5	34.4	30.8	57.6
U06-811226R	59.7	78.7	86.3	35.9	34.3	37.5
Location Mean	50.5	69.9	79.3	34.9	30.8	48.4
C.V. (%)	11.7	6.2	5.8	4.5	12.4	10.2
L.S.D. (5%)	14.5	10.7	11.3	2.6	6.3	6.6
Row Sp. (In.)	30	30	30	30	30	15
Rows/Plot	4	4	4	4	4	4
Reps	2	2	2	3	3	3

UNIFORM TEST I Roundup-Ready, 2008

YIELD RANK

Strain	Mean 10 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN
SD1161RR/(SCN)	6	9	7	7	3	6	14
SD1111RR (E)	17	24	22	23	21	4	19
MN1803RR	7	13	12	13	6	8	7
AG2002	1	1	2	1	1	2	6
U03-820038 (SCN)	4	12	1	4	4	1	10
M00-530039	2	4	5	14	8	3	5
SD03-2768R	11	10	11	24	12	5	23
SD03-3038R	19	15	20	16	13	9	9
SDX00R-017-52	5	2	4	5	9	20	3
SD04R-2700	8	11	3	6	7	11	16
SD04R-2738	22	21	8	15	18	24	22
SD04R-4058	20	18	13	17	17	23	20
SD05R-2491	24	19	16	18	20	14	11
SD05R-2554	23	20	17	21	22	21	1
SD05R-2749	9	7	15	3	11	12	4
SD05R-2750	18	8	14	20	24	17	8
SD05R-3635	15	5	21	11	14	18	18
SD05R-3806	20	16	23	12	23	18	15
SD05R-4526	12	14	10	19	16	7	24
SD05R-4608	10	6	9	22	19	16	13
SD05R-5866	13	23	19	8	5	12	17
SD05R-5878	16	16	24	9	10	9	11
SD05R-5900	13	22	18	10	15	22	21
U06-811226R	3	3	6	2	2	15	2

UNIFORM TEST I Roundup-Ready, 2008

YIELD RANK

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	19	11	16	7	17	2
SD1111RR (E)	18	20	20	9	12	1
MN1803RR	4	9	10	16	6	10
AG2002	1	12	3	9	5	5
U03-820038 (SCN)	15	3	8	3	1	20
M00-530039	6	1	2	1	2	7
SD03-2768R	3	19	17	1	19	6
SD03-3038R	14	9	21	16	9	19
SDX00R-017-52	5	14	4	8	11	13
SD04R-2700	11	6	13	9	7	12
SD04R-2738	13	22	19	21	24	21
SD04R-4058	20	23	15	24	20	14
SD05R-2491	17	20	23	9	17	23
SD05R-2554	23	24	14	19	7	15
SD05R-2749	11	7	1	23	21	18
SD05R-2750	21	8	11	22	13	17
SD05R-3635	10	5	6	15	23	24
SD05R-3806	23	14	12	18	22	16
SD05R-4526	7	18	7	9	14	9
SD05R-4608	9	17	9	5	3	4
SD05R-5866	22	4	22	6	15	8
SD05R-5878	16	13	24	9	15	11
SD05R-5900	8	16	18	19	10	3
U06-811226R	2	2	5	4	4	21

UNIFORM TEST I Roundup-Ready, 2008

MATURITY (date)

Strain	Mean 11 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN
SD1161RR/(SCN)	9/17	9/5	9/7	9/3	9/15	9/24	9/16
SD1111RR (E)	-5.4	-3	-5	-5	-3	-4	-5
MN1803RR	-0.5	-1	0	3	-1	-1	3
AG2002	3.5	5	5	10	5	0	3
U03-820038 (SCN)	0.4	4	4	3	0	-1	1
M00-530039	-3.0	2	0	-1	-3	-3	-4
SD03-2768R	-2.9	-1	-2	-3	-2	-4	-3
SD03-3038R	-3.3	2	1	-2	-4	-4	-5
SDX00R-017-52	-2.1	1	0	2	-2	-3	-3
SD04R-2700	-1.5	2	2	2	-2	-2	-2
SD04R-2738	-3.8	-3	-1	0	-3	-6	-6
SD04R-4058	-2.1	-2	-1	1	-2	-3	-3
SD05R-2491	-3.0	3	0	-2	-3	-4	-4
SD05R-2554	-1.3	3	-2	0	-2	-3	-3
SD05R-2749	-0.4	3	-2	3	-2	-1	-1
SD05R-2750	-0.9	3	0	2	0	-2	2
SD05R-3635	-3.8	0	-2	-1	-4	-4	-5
SD05R-3806	-2.6	3	0	-3	-4	-3	-4
SD05R-4526	-1.2	2	1	1	-2	-1	-3
SD05R-4608	-2.2	1	1	-1	-4	-2	-3
SD05R-5866	-5.5	-1	-3	-3	-6	-6	-5
SD05R-5878	-4.4	0	-3	-2	-5	-4	-6
SD05R-5900	-3.9	0	-4	-1	-5	-5	-4
U06-811226R	8.2	7	11	19	10	6	7
Date Planted	5/19	5/22	5/19	5/23	5/6	5/22	5/12
Days to Mature	121	106	111	103	132	125	127

UNIFORM TEST I Roundup-Ready, 2008

MATURITY (date)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	9/26	9/26		9/18	9/23	9/29
SD1111RR (E)	-13	-4		-3	-6	-8
MN1803RR	-3	-2		0	-1	1
AG2002	0	-1		3	4	4
U03-820038 (SCN)	-6	-2		2	1	-1
M00-530039	-11	-3		-2	-1	-8
SD03-2768R	-6	-1		-3	-4	-3
SD03-3038R	-9	-4		-1	-4	-8
SDX00R-017-52	-6	-3		-3	-3	-4
SD04R-2700	-11	-3		0	1	-4
SD04R-2738	-8	-4		-2	-4	-7
SD04R-4058	-9	-1		0	-3	-1
SD05R-2491	-13	-2		-2	-4	-3
SD05R-2554	-5	-2		-2	-1	1
SD05R-2749	2	-2		-1	-3	-1
SD05R-2750	-5	-3		2	0	-6
SD05R-3635	-9	-2		-4	-5	-7
SD05R-3806	-5	-1		-2	-3	-8
SD05R-4526	-7	-2		-1	-3	0
SD05R-4608	-8	-2		-1	0	-6
SD05R-5866	-17	-4		-2	-4	-9
SD05R-5878	-14	-2		-1	-4	-9
SD05R-5900	-14	-2		4	-4	-8
U06-811226R	5	2		6	5	11
Date Planted	5/15	6/10		5/13	5/20	5/11
Days to Mature	134	108		128	126	141

UNIFORM TEST I Roundup-Ready, 2008

LODGING (score)

Strain	Mean 11 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN
SD1161RR/(SCN)	1.7	1.0	1.0	1.0	1.0	2.0	2.0
SD1111RR (E)	1.8	1.5	1.3	1.5	1.0	2.0	2.3
MN1803RR	2.1	1.5	1.2	2.0	1.5	2.0	2.3
AG2002	1.5	1.0	1.2	1.0	1.0	2.0	2.0
U03-820038 (SCN)	1.3	1.0	1.0	1.0	1.0	2.0	2.0
M00-530039	1.5	1.0	1.0	1.0	1.0	2.0	2.0
SD03-2768R	1.7	1.2	1.2	1.0	1.0	2.0	2.0
SD03-3038R	1.8	1.3	1.0	1.5	1.0	2.0	2.3
SDX00R-017-52	1.7	1.0	1.0	1.0	1.0	2.0	3.0
SD04R-2700	1.6	1.0	1.0	1.0	1.0	2.0	2.0
SD04R-2738	2.1	1.7	1.5	2.0	1.0	2.0	3.7
SD04R-4058	1.7	1.3	1.0	1.0	1.0	2.0	2.3
SD05R-2491	1.8	1.0	1.0	1.5	1.0	2.0	2.0
SD05R-2554	1.7	1.0	1.0	1.0	1.0	2.0	2.0
SD05R-2749	2.0	1.0	1.0	1.0	1.0	2.0	2.3
SD05R-2750	1.7	1.0	1.0	1.0	1.0	2.0	2.3
SD05R-3635	1.9	1.0	1.0	1.0	1.0	2.0	2.0
SD05R-3806	1.9	1.2	1.0	1.0	1.0	1.7	2.3
SD05R-4526	1.9	1.3	1.2	1.5	1.0	2.0	2.0
SD05R-4608	1.8	1.5	1.0	1.0	1.0	2.0	2.3
SD05R-5866	1.5	1.3	1.2	1.5	1.0	2.0	2.0
SD05R-5878	1.4	1.0	1.0	1.0	1.0	2.0	2.0
SD05R-5900	1.6	1.0	1.2	1.0	1.0	2.0	2.0
U06-811226R	1.5	1.0	1.3	1.0	1.0	2.0	2.3

UNIFORM TEST I Roundup-Ready, 2008

LODGING (score)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)		1.0	1.0	1.0	4.0	4.0
SD1111RR (E)		2.0	1.0	2.0	3.0	2.3
MN1803RR		2.0	1.0	2.0	4.0	3.7
AG2002		1.0	1.0	1.0	2.0	3.3
U03-820038 (SCN)		1.0	1.0	1.0	2.0	2.0
M00-530039		1.0	1.0	1.0	4.0	1.7
SD03-2768R		1.5	1.0	1.0	4.0	3.0
SD03-3038R		1.0	1.0	1.0	4.0	4.0
SDX00R-017-52		1.0	1.0	1.0	4.0	3.7
SD04R-2700		1.0	1.0	2.0	3.0	2.7
SD04R-2738		2.5	1.0	1.0	3.0	5.0
SD04R-4058		2.0	1.0	1.0	3.0	4.0
SD05R-2491		1.0	1.0	2.0	4.0	3.0
SD05R-2554		1.0	1.0	1.0	4.0	4.0
SD05R-2749		1.5	1.0	2.0	5.0	4.3
SD05R-2750		1.0	1.0	1.0	3.0	4.7
SD05R-3635		1.0	1.0	1.0	5.0	5.0
SD05R-3806		1.0	1.0	2.0	5.0	4.3
SD05R-4526		1.5	1.0	2.0	4.0	3.3
SD05R-4608		1.5	1.0	1.0	4.0	4.0
SD05R-5866		1.0	1.0	1.0	3.0	2.3
SD05R-5878		1.0	1.0	1.0	3.0	2.0
SD05R-5900		1.0	1.0	2.0	3.0	2.7
U06-811226R		1.0	1.0	2.0	2.0	2.3

UNIFORM TEST I Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN
SD1161RR/(SCN)	32	28	30	27	24	36	31
SD1111RR (E)	31	26	29	24	24	36	37
MN1803RR	36	30	32	37	33	37	41
AG2002	35	32	30	35	31	35	38
U03-820038 (SCN)	28	23	25	27	24	32	29
M00-530039	30	28	26	26	25	33	35
SD03-2768R	31	28	28	24	23	38	29
SD03-3038R	30	26	26	29	23	32	32
SDX00R-017-52	33	29	28	30	27	37	33
SD04R-2700	32	29	29	31	29	34	38
SD04R-2738	33	27	30	29	26	37	35
SD04R-4058	33	27	30	28	27	38	37
SD05R-2491	29	25	27	28	22	32	33
SD05R-2554	30	25	27	26	23	31	33
SD05R-2749	33	29	30	29	27	37	37
SD05R-2750	30	27	28	25	22	36	37
SD05R-3635	30	27	26	27	22	34	30
SD05R-3806	31	27	28	26	24	34	34
SD05R-4526	34	28	30	28	30	37	31
SD05R-4608	33	28	30	24	23	35	34
SD05R-5866	31	25	26	30	28	33	34
SD05R-5878	31	25	26	28	26	34	32
SD05R-5900	30	25	26	25	24	34	34
U06-811226R	29	23	25	28	27	30	30

UNIFORM TEST I Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)				28	38	48
SD1111RR (E)				33	34	46
MN1803RR				37	36	48
AG2002				33	39	45
U03-820038 (SCN)				27	28	36
M00-530039				30	34	40
SD03-2768R				32	31	44
SD03-3038R				28	36	40
SDX00R-017-52				34	39	41
SD04R-2700				31	34	39
SD04R-2738				36	35	46
SD04R-4058				30	34	49
SD05R-2491				31	30	40
SD05R-2554				32	33	42
SD05R-2749				29	37	43
SD05R-2750				28	32	45
SD05R-3635				28	34	44
SD05R-3806				33	32	43
SD05R-4526				37	38	45
SD05R-4608				35	43	49
SD05R-5866				31	35	39
SD05R-5878				29	36	42
SD05R-5900				30	35	43
U06-811226R				30	31	35

UNIFORM TEST I Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Mean 12 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN
SD1161RR/(SCN)	15.5	15.7	16.8	13.6	15.5	13.2	14.8
SD1111RR (E)	14.8	14.2	15.3	12.4	14.1	13.1	14.6
MN1803RR	15.5	16.2	16.3	14.3	14.1	13.9	15.8
AG2002	13.2	13.3	12.8	13.3	13.4	12.0	13.2
U03-820038 (SCN)	14.3	14.2	14.2	13.9	14.0	12.9	15.1
M00-530039	16.4	16.0	16.2	14.5	16.0	13.7	16.2
SD03-2768R	16.1	15.9	16.1	14.9	15.1	13.4	15.8
SD03-3038R	15.1	15.1	14.7	14.0	14.2	12.8	15.3
SDX00R-017-52	13.7	14.3	13.6	12.3	12.0	11.4	13.5
SD04R-2700	15.8	15.6	16.8	15.1	15.4	14.0	16.5
SD04R-2738	13.6	13.2	14.7	12.7	12.8	11.3	12.9
SD04R-4058	15.1	13.9	14.5	13.6	13.6	12.9	15.5
SD05R-2491	14.2	12.7	16.9	13.1	13.3	12.3	14.1
SD05R-2554	16.5	15.9	16.9	14.3	15.6	14.5	16.7
SD05R-2749	16.1	16.0	15.8	15.4	15.0	14.5	16.5
SD05R-2750	14.2	13.9	13.6	13.2	14.6	12.6	15.0
SD05R-3635	15.3	15.0	15.9	14.0	14.7	12.2	15.9
SD05R-3806	16.4	16.0	15.8	15.2	15.1	14.7	17.3
SD05R-4526	15.3	15.2	15.8	15.0	14.2	13.4	17.2
SD05R-4608	15.8	15.4	16.2	13.7	15.0	13.7	16.1
SD05R-5866	16.8	16.0	16.9	15.6	17.2	14.0	17.7
SD05R-5878	16.8	16.8	16.8	15.4	16.3	14.6	16.9
SD05R-5900	16.9	16.4	17.4	14.9	15.6	14.1	17.1
U06-811226R	14.1	12.9	13.9	14.1	13.5	12.8	14.5

UNIFORM TEST I Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	13.7	16.6	17.7	13.8	14.6	19.5
SD1111RR (E)	14.2	17.2	18.0	13.5	12.3	18.3
MN1803RR	13.9	19.0	18.7	13.1	13.1	17.7
AG2002	11.6	13.6	13.8	11.8	12.6	17.1
U03-820038 (SCN)	12.5	14.7	15.2	13.2	12.8	19.5
M00-530039	15.3	20.1	19.3	14.5	14.5	20.7
SD03-2768R	14.6	18.0	18.5	15.0	15.3	20.0
SD03-3038R	13.2	18.0	16.8	13.8	14.3	19.2
SDX00R-017-52	12.3	16.9	16.9	12.2	11.7	17.0
SD04R-2700	13.6	17.6	17.1	13.8	15.2	19.6
SD04R-2738	12.2	16.3	16.1	11.8	12.3	16.1
SD04R-4058	13.6	19.7	18.0	13.3	13.4	19.2
SD05R-2491	12.0	15.9	16.7	12.2	13.0	18.1
SD05R-2554	13.9	19.2	18.9	14.5	15.0	22.5
SD05R-2749	15.1	18.6	19.3	13.8	14.6	19.0
SD05R-2750	12.7	16.2	16.1	12.5	13.2	18.0
SD05R-3635	13.4	19.2	19.2	13.0	13.5	18.2
SD05R-3806	14.5	20.0	18.9	15.0	15.3	19.9
SD05R-4526	13.2	17.6	16.6	13.2	14.1	19.6
SD05R-4608	13.4	17.6	18.4	14.8	14.7	20.4
SD05R-5866	15.4	20.5	20.7	14.8	14.0	19.7
SD05R-5878	14.7	19.8	20.5	14.9	14.7	20.7
SD05R-5900	14.9	20.0	21.0	14.8	15.0	21.9
U06-811226R	12.8	15.7	15.2	13.3	13.4	17.3

UNIFORM TEST I Roundup-Ready, 2008

SEED QUALITY (score)

Strain	Mean 6 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN
SD1161RR/(SCN)	1.6	1.5	1.5			1.5	3.0
SD1111RR (E)	1.8	1.0	2.5			2.0	3.0
MN1803RR	1.7	1.5	2.0			1.5	3.0
AG2002	1.6	1.5	1.5			1.5	3.5
U03-820038 (SCN)	1.7	1.0	1.5			1.5	3.5
M00-530039	1.8	1.0	2.0			1.5	3.0
SD03-2768R	1.7	1.0	2.0			2.0	3.0
SD03-3038R	1.8	1.5	2.0			1.5	3.5
SDX00R-017-52	1.6	1.0	2.0			1.5	3.0
SD04R-2700	1.5	1.0	1.5			1.5	3.0
SD04R-2738	2.1	2.5	2.5			1.5	3.5
SD04R-4058	2.0	2.0	3.0			2.0	3.0
SD05R-2491	1.8	1.0	2.0			3.0	3.5
SD05R-2554	1.8	1.5	2.0			1.5	3.0
SD05R-2749	1.8	1.0	2.0			2.0	2.5
SD05R-2750	1.9	1.0	3.0			1.5	3.5
SD05R-3635	1.9	1.5	3.0			2.0	3.0
SD05R-3806	1.8	1.5	3.0			1.5	3.0
SD05R-4526	1.7	1.0	2.0			2.0	3.5
SD05R-4608	1.9	1.0	3.0			2.5	3.0
SD05R-5866	2.0	1.5	3.5			2.0	3.0
SD05R-5878	1.8	1.5	2.5			1.5	3.5
SD05R-5900	1.8	1.5	2.5			1.0	3.0
U06-811226R	2.3	1.0	1.5			1.0	3.0

UNIFORM TEST I Roundup-Ready, 2008

SEED QUALITY (score)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)				2.0	2.0	1.0
SD1111RR (E)				2.0	2.0	1.0
MN1803RR				2.0	2.0	1.0
AG2002				2.0	2.0	1.0
U03-820038 (SCN)				2.0	3.0	1.0
M00-530039				2.0	3.0	1.0
SD03-2768R				2.0	2.0	1.0
SD03-3038R				2.0	3.0	1.0
SDX00R-017-52				2.0	2.0	1.0
SD04R-2700				2.0	2.0	1.0
SD04R-2738				2.0	2.0	2.0
SD04R-4058				2.0	2.0	1.0
SD05R-2491				2.0	2.0	1.0
SD05R-2554				2.0	3.0	1.0
SD05R-2749				2.0	3.0	1.0
SD05R-2750				2.0	3.0	1.0
SD05R-3635				2.0	2.0	1.0
SD05R-3806				2.0	2.0	1.0
SD05R-4526				2.0	2.0	1.0
SD05R-4608				2.0	2.0	1.0
SD05R-5866				2.0	2.0	1.0
SD05R-5878				2.0	2.0	1.0
SD05R-5900				2.0	3.0	1.0
U06-811226R				2.0	4.0	4.0

UNIFORM TEST I Roundup-Ready, 2008

PROTEIN (%)

Strain	Mean 6 Tests	Lamberton MN	Waseca MN	Ingham County MI	Lafayette IN	Wanatah IN	St. Hyacinthe Que.
SD1161RR/(SCN)	34.0	34.5	31.6	34.8	34.3	34.5	34.6
SD1111RR (E)	34.0	34.1	33.7	33.9	34.4	34.2	34.0
MN1803RR	34.5	34.0	32.9	35.4	35.0	35.0	34.9
AG2002	34.2	34.3	32.9	34.6	34.3	34.9	34.2
U03-820038 (SCN)	34.3	35.4	33.3	34.4	33.6	34.7	34.4
M00-530039	34.4	34.5	32.4	35.3	34.8	33.9	35.4
SD03-2768R	32.8	33.3	31.1	33.1	33.5	32.7	33.4
SD03-3038R	34.0	34.7	32.3	35.5	33.5	34.2	33.9
SDX00R-017-52	33.6	34.5	32.7	33.1	33.1	33.5	34.7
SD04R-2700	34.9	34.3	34.8	35.1	34.6	35.5	35.0
SD04R-2738	34.6	35.1	33.6	36.0	34.1	34.8	34.3
SD04R-4058	33.7	34.8	32.5	33.7	33.5	34.0	33.7
SD05R-2491	34.2	34.1	34.0	34.1	34.3	33.5	35.3
SD05R-2554	34.0	33.7	32.7	34.6	34.5	34.1	34.7
SD05R-2749	34.5	34.7	32.3	35.0	34.9	35.5	34.9
SD05R-2750	35.4	35.7	34.0	36.8	35.1	35.1	35.4
SD05R-3635	34.1	35.3	32.2	35.1	34.0	34.0	34.3
SD05R-3806	35.4	35.5	33.5	36.1	35.6	35.9	36.1
SD05R-4526	34.5	34.7	33.4	35.2	34.4	34.3	34.8
SD05R-4608	34.4	34.3	33.2	35.2	33.8	35.1	34.5
SD05R-5866	34.2	34.6	33.5	34.6	33.9	33.6	35.0
SD05R-5878	34.1	34.2	32.3	35.1	34.4	33.4	35.0
SD05R-5900	33.9	34.4	32.3	35.0	33.7	33.6	34.2
U06-811226R	33.0	32.7	30.8	33.6	33.0	34.3	33.4

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST I Roundup-Ready, 2008

OIL (%)

Strain	Mean 6 Tests	Lamberton MN	Waseca MN	Ingham County MI	Lafayette IN	Wanatah IN	St. Hyacinthe Que.
SD1161RR/(SCN)	18.4	18.1	19.0	18.8	17.9	18.0	18.4
SD1111RR (E)	19.1	19.7	19.6	19.7	18.2	18.4	19.0
MN1803RR	18.8	18.6	18.8	18.8	19.1	19.1	18.5
AG2002	18.3	18.1	18.7	18.5	18.9	18.4	17.3
U03-820038 (SCN)	18.5	18.3	18.8	18.7	19.2	18.7	17.2
M00-530039	18.3	18.1	18.3	18.1	18.7	19.5	17.3
SD03-2768R	19.1	18.4	19.7	19.5	18.9	19.8	18.4
SD03-3038R	18.8	18.4	18.9	18.5	19.8	19.1	18.1
SDX00R-017-52	19.3	18.2	19.2	20.4	19.9	19.3	18.9
SD04R-2700	18.1	17.4	18.5	18.5	18.4	18.4	17.5
SD04R-2738	18.8	18.2	18.6	19.0	19.1	19.0	18.9
SD04R-4058	19.0	18.5	18.8	19.9	19.3	19.3	18.4
SD05R-2491	18.8	18.6	18.4	19.2	19.1	19.5	18.0
SD05R-2554	18.5	17.8	18.8	18.6	18.8	19.0	18.0
SD05R-2749	18.6	18.2	19.5	19.0	18.2	18.3	18.0
SD05R-2750	17.8	18.4	17.6	17.3	17.7	18.5	17.6
SD05R-3635	18.7	18.1	19.1	18.6	18.9	19.4	18.0
SD05R-3806	18.1	16.9	17.9	18.1	19.1	18.8	17.6
SD05R-4526	18.4	18.2	18.7	18.8	18.2	19.1	17.4
SD05R-4608	18.3	17.7	18.8	18.3	18.6	19.0	17.2
SD05R-5866	19.0	18.9	18.8	19.0	19.2	19.2	18.8
SD05R-5878	18.9	18.1	19.0	18.9	19.1	19.9	18.6
SD05R-5900	18.9	18.1	19.5	19.0	19.3	19.3	18.4
U06-811226R	19.2	19.3	19.5	19.3	19.4	18.7	18.8

Uniform Test II Roundup-Ready, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	AG2403 (II)	na	Monsanto	3		
2.	AG2002	na	Monsanto	1		
3.	AG2603	na	Monsanto	1		
4.	NEX2905A0R (L)	na	Graef	3		Det.
5.	SD03-2505R	MN0902 x SD93-828E	Scott	1	F5	RR
6.	SDX00R-035-56	A97-771039 X SD1081RR	Scott	3	F4	RR
7.	SDX01R-007039	SD99-011R x Pion 9233	Scott	2	F4	Rps1-k
8.	SD(LD)05-16121	APX04-76-6 x SD01-76R	Scott	07UTIIRR		RR, Rag1
9.	SD(LD)05-16137	APX04-76-6 x SD01-76R	Scott	07UTIIRR		RR, Rag1
10.	U03-825124	na	Graef	1	F5	IDC,BSR?

UNIFORM TEST II Roundup-Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Shattering</u>	<u>PR</u>		<u>FE</u>	<u>SDS</u>
		Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Laf. a rx.	DX Havana IL
AG2403 (II)	PTTDYBII	1.0	R	R	S	36
AG2002	PTBDYBII	1.0	S	R	S	8
AG2603	PGBDYIbI	1.0	S	R	-	7
NEX2905A0R (L)	PGBDYIbD	1.0	S	S	S	9
SD03-2505R	PGBDYBfI	1.0	R*	R*	S	2
SDX00R-035-56	WGBDYII	1.0	S	S	S	11
SDX01R-007039	PTTDYBrI	1.0	R	R	S	21
SD(LD)05-16121	PGTDYIbI	1.0	S	S	S	9
SD(LD)05-16137	PGTDYIbI	1.0	S	S	S	8
U03-825124	PGTDYIbI	1.0	S	R*	S	24

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST II Roundup-Ready, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	10 bu/a	10 No.	9 Date	9 Score	Height 7 In.	Size 10 g/100	Quality 5 Score	Protein 4 %	Oil 4 %
AG2403 (II)	57.9	3	9/17	1.0	28	15.3	1.9	33.9	19.0
AG2002	54.8	7	-2.0	1.0	31	12.4	1.9	34.8	18.6
AG2603	57.4	4	3.1	1.1	33	13.5	1.7	34.7	18.7
NEX2905A0R (L)	60.6	2	8.9	1.2	33	12.4	1.7	33.1	18.6
SD03-2505R	54.2	8	3.2	1.2	33	15.6	1.8	35.0	18.8
SDX00R-035-56	56.4	5	0.0	1.2	33	12.9	1.7	33.0	19.2
SDX01R-007039	52.1	10	2.9	1.2	34	14.0	1.9	35.2	18.2
SD(LD)05-16121	55.4	6	-0.8	1.1	31	13.8	1.7	33.5	19.1
SD(LD)05-16137	53.2	9	-2.7	1.1	31	13.9	1.7	33.7	18.9
U03-825124	62.9	1	6.3	1.0	31	15.5	1.6	32.8	19.2

117.1 Days After Planting

UNIFORM TEST II Roundup-Ready, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	21 bu/a	21 No.	18 Date	17 Score	15 In.	20 g/100	14 Score	11 %	11 %
AG2403 (II)	57.6	4	9/16	1.1	29	16.0	2.2	34.0	19.0
AG2002	56.5	5	-2.0	1.3	33	13.1	2.0	34.6	18.5
AG2603	59.6	2	2.6	1.3	35	14.2	2.1	34.6	18.3
NEX2905A0R (L)	58.8	3	8.0	1.5	35	13.0	1.9	33.1	18.4
SD03-2505R	53.2	6	2.2	1.4	34	16.5	2.1	35.1	18.7
U03-825124	61.1	1	5.7	1.2	32	15.7	1.9	33.1	18.9

119.2 Days After Planting

2006-2008 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	32 bu/a	32 No.	28 Date	26 Score	24 In.	31 g/100	22 Score	17 %	17 %
AG2403 (II)	58.0	2	9/17	1.2	29	15.9	2.1	34.3	18.3
NEX2905A0R (L)	59.2	1	8.2	1.5	34	12.9	2.0	33.4	17.6
SDX01R-007039	51.9	3	2.8	1.6	35	14.8	2.3	35.3	17.5

121.1 Days After Planting

UNIFORM TEST II Roundup-Ready, 2008

YIELD (bu/a)

Strain	Mean 10 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	57.9	49.3	57.8	56.6	45.8	55.9
AG2002	54.8	50.3	56.9	56.1	48.3	58.7
AG2603	57.4	49.0	57.2	51.7	44.7	57.2
NEX2905A0R (L)	60.6	57.1	59.2	55.1	46.3	56.4
SD03-2505R	54.2	53.7	52.4	53.0	42.1	60.7
SDX00R-035-56	56.4	45.6	52.9	53.5	42.7	48.8
SDX01R-007039	52.1	45.1	48.1	46.6	36.8	47.5
SD(LD)05-16121	55.4	39.8	48.5	48.1	38.1	56.3
SD(LD)05-16137	53.2	33.6	45.9	51.4	44.8	51.1
U03-825124	62.9	50.6	54.9	60.4	46.8	71.1
Location Mean		47.4	53.4	53.3	43.6	56.4
C.V. (%)		9.5	7.1	4.4	6.9	10.4
L.S.D. (5%)		9.3	6.5	4.0	5.5	10.7
Row Sp. (In.)		30	30	30	15	15
Rows/Plot		4	4	4	6	6
Reps		2	3	3	2	2

*Data not included in mean.

UNIFORM TEST II Roundup-Ready, 2008

YIELD RANK

Strain	Yield Rank	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	3	5	2	2	4	7
AG2002	7	4	4	3	1	3
AG2603	4	6	3	7	6	4
NEX2905A0R (L)	2	1	1	4	3	5
SD03-2505R	8	2	7	6	8	2
SDX00R-035-56	5	7	6	5	7	9
SDX01R-007039	10	8	9	10	10	10
SD(LD)05-16121	6	9	8	9	9	6
SD(LD)05-16137	9	10	10	8	5	8
U03-825124	1	3	5	1	2	1

UNIFORM TEST II Roundup-Ready, 2008**YIELD (bu/a)**

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)	55.6	83.1	92.2	40.0	42.4
AG2002	54.2	72.5	84.4	34.7	31.7
AG2603	59.8	79.4	100.6	34.3	39.7
NEX2905A0R (L)	70.3	80.5	100.9	37.3	42.8
SD03-2505R	52.5	73.8	86.7	34.0	33.1
SDX00R-035-56	58.8	83.1	99.6	38.3	41.0
SDX01R-007039	56.8	76.8	94.0	34.3	34.9
SD(LD)05-16121	58.1	79.1	97.1	36.0	52.8
SD(LD)05-16137	50.3	75.5	93.4	33.7	52.3
U03-825124	57.9	97.1	106.4	42.0	42.1
Location Mean	57.4	80.1	95.5	36.5	41.3
C.V. (%)	3.9	4.7	2.8	6.3	5.9
L.S.D. (5%)	5.6	9.6	6.8	4.0	4.2
Row Sp. (In.)	30	30	30	30	30
Rows/Plot	4	4	4	4	4
Reps	2	2	2	3	3

UNIFORM TEST II Roundup-Ready, 2008**YIELD RANK**

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)	7	2	8	2	4
AG2002	8	10	10	6	10
AG2603	2	5	3	7	7
NEX2905A0R (L)	1	4	2	4	3
SD03-2505R	9	9	9	9	9
SDX00R-035-56	3	2	4	3	6
SDX01R-007039	6	7	6	7	8
SD(LD)05-16121	4	6	5	5	1
SD(LD)05-16137	10	8	7	10	2
U03-825124	5	1	1	1	5

UNIFORM TEST II Roundup-Ready, 2008

MATURITY (date)

Strain	Mean 9 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	9/17	9/8	9/11	9/18	9/13	9/16
AG2002	-2.4	-2	-5	-6	-1	0
AG2603	3.1	6	4	3	1	3
NEX2905A0R (L)	8.9	14	9	6	11	7
SD03-2505R	3.2	6	4	0	-2	3
SDX00R-035-56	0.0	-1	-2	-3	-2	-1
SDX01R-007039	2.9	2	4	1	3	0
SD(LD)05-16121	-0.8	-3	-2	-8	-4	-1
SD(LD)05-16137	-2.7	-7	-2	-8	-7	-3
U03-825124	6.3	6	6	4	7	5
Date Planted	5/23	5/22	5/22	5/19	5/23	5/16
Days to Mature	117	109	112	122	113	123

UNIFORM TEST II Roundup-Ready, 2008

LODGING (score)

Strain	Mean 9 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	1.0	1.0	1.0	1.0	1.0	1.0
AG2002	1.0	1.0	1.0	1.0	1.0	1.0
AG2603	1.1	1.0	1.0	1.0	2.0	1.0
NEX2905A0R (L)	1.2	2.0	1.0	1.2	1.0	1.0
SD03-2505R	1.2	1.0	1.0	1.2	2.0	1.0
SDX00R-035-56	1.2	1.0	1.0	1.0	2.0	1.0
SDX01R-007039	1.2	1.0	1.0	1.3	2.0	1.0
SD(LD)05-16121	1.1	1.0	1.0	1.0	1.5	1.0
SD(LD)05-16137	1.1	1.0	1.0	1.0	2.0	1.0
U03-825124	1.0	1.0	1.0	1.0	1.0	1.0

UNIFORM TEST II Roundup-Ready, 2008

MATURITY (date)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)	9/17	9/26		9/21	9/26
AG2002	-4	-1		-1	-2
AG2603	1	3		4	3
NEX2905A0R (L)	8	11		6	8
SD03-2505R	4	7		5	2
SDX00R-035-56	2	4		3	0
SDX01R-007039	3	4		3	6
SD(LD)05-16121	3	4		3	1
SD(LD)05-16137	1	3		-1	0
U03-825124	5	12		5	7
Date Planted	5/15	6/10	5/14	5/13	6/16
Days to Mature	125	108		131	102

UNIFORM TEST II Roundup-Ready, 2008

LODGING (score)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)		1.0	1.0	1.0	1.0
AG2002		1.0	1.0	1.0	1.0
AG2603		1.0	1.0	1.0	1.0
NEX2905A0R (L)		1.5	1.0	1.0	1.0
SD03-2505R		2.0	1.0	1.0	1.0
SDX00R-035-56		1.5	1.0	1.0	1.0
SDX01R-007039		1.5	1.0	1.0	1.0
SD(LD)05-16121		1.0	1.0	1.0	1.0
SD(LD)05-16137		1.0	1.0	1.0	1.0
U03-825124		1.0	1.0	1.0	1.0

UNIFORM TEST II Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Mean 7 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	28	26	29	29	29	24
AG2002	31	31	31	31	35	29
AG2603	33	31	34	32	39	30
NEX2905A0R (L)	33	29	33	33	34	27
SD03-2505R	33	34	35	32	34	30
SDX00R-035-56	33	31	32	33	36	23
SDX01R-007039	34	34	35	33	37	25
SD(LD)05-16121	31	30	31	30	31	24
SD(LD)05-16137	31	27	30	29	34	21
U03-825124	31	29	32	32	33	28

UNIFORM TEST II Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Mean 10 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	15.3	13.7	15.3	15.9	15.4	14.7
AG2002	12.4	10.9	12.4	13.0	12.7	13.2
AG2603	13.5	12.7	13.7	13.2	13.7	13.9
NEX2905A0R (L)	12.4	11.3	12.3	11.7	12.1	11.6
SD03-2505R	15.6	14.6	16.1	16.9	13.5	17.1
SDX00R-035-56	12.9	10.9	13.1	13.7	11.1	13.3
SDX01R-007039	14.0	11.4	13.8	13.4	13.7	13.7
SD(LD)05-16121	13.8	12.0	13.9	13.6	11.8	14.2
SD(LD)05-16137	13.9	11.5	14.3	14.6	12.3	14.2
U03-825124	15.5	14.4	15.4	15.2	15.3	15.9

UNIFORM TEST II Roundup-Ready, 2008**PLANT HEIGHT (inches)**

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)				29	27
AG2002				32	31
AG2603				32	36
NEX2905A0R (L)				36	38
SD03-2505R				33	34
SDX00R-035-56				35	39
SDX01R-007039				36	37
SD(LD)05-16121				34	39
SD(LD)05-16137				31	43
U03-825124				30	32

UNIFORM TEST II Roundup-Ready, 2008**SEED SIZE (g/100)**

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)	12.7	17.6	16.6	14.3	16.8
AG2002	11.2	14.7	12.8	11.3	12.1
AG2603	11.8	15.2	15.1	12.5	13.6
NEX2905A0R (L)	12.0	14.3	14.5	11.6	12.3
SD03-2505R	13.9	18.2	17.6	12.9	15.3
SDX00R-035-56	12.0	15.4	15.4	11.5	12.7
SDX01R-007039	13.6	16.8	15.8	12.9	14.5
SD(LD)05-16121	12.5	16.2	15.5	12.4	15.6
SD(LD)05-16137	11.8	16.5	15.4	12.5	15.6
U03-825124	13.9	17.4	17.3	14.8	15.0

UNIFORM TEST II Roundup-Ready, 2008**SEED QUALITY (score)**

Strain	Mean 5 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	1.9	1.0	1.5	3.0		
AG2002	1.9	1.0	1.5	2.0		
AG2603	1.7	1.0	1.5	2.0		
NEX2905A0R (L)	1.7	1.0	1.0	1.5		
SD03-2505R	1.8	1.0	1.5	2.5		
SDX00R-035-56	1.7	2.0	1.0	1.5		
SDX01R-007039	1.9	2.0	1.5	2.0		
SD(LD)05-16121	1.7	2.0	1.0	1.5		
SD(LD)05-16137	1.7	2.0	1.0	1.5		
U03-825124	1.6	1.0	1.0	2.0		

UNIFORM TEST II Roundup-Ready, 2008

SEED QUALITY (score)

Strain	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)				2.0	2.0
AG2002				3.0	2.0
AG2603				2.0	2.0
NEX2905A0R (L)				2.0	3.0
SD03-2505R				2.0	2.0
SDX00R-035-56				2.0	2.0
SDX01R-007039				2.0	2.0
SD(LD)05-16121				2.0	2.0
SD(LD)05-16137				2.0	2.0
U03-825124				2.0	2.0

UNIFORM TEST II Roundup-Ready, 2008**PROTEIN (%)**

Strain	Mean 4 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI
AG2403 (II)	33.9	32.8	33.6	34.4	34.6
AG2002	34.8	34.1	34.1	35.3	35.6
AG2603	34.7	34.3	33.1	35.8	35.6
NEX2905A0R (L)	33.1	31.9	33.2	34.2	33.1
SD03-2505R	35.0	34.6	34.4	35.6	35.6
SDX00R-035-56	33.0	32.7	32.7	33.2	33.5
SDX01R-007039	35.2	35.2	33.8	35.2	36.6
SD(LD)05-16121	33.5	32.8	32.5	34.8	34.1
SD(LD)05-16137	33.7	33.9	32.4	34.0	34.6
U03-825124	32.8	32.1	32.9	33.5	32.9

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST II Roundup-Ready, 2008**OIL (%)**

Strain	Mean 4 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI
AG2403 (II)	19.0	19.7	19.5	19.0	17.9
AG2002	18.6	18.6	19.0	18.2	18.7
AG2603	18.7	19.2	19.4	18.1	18.3
NEX2905A0R (L)	18.6	19.3	18.5	17.9	18.9
SD03-2505R	18.8	18.8	19.4	18.9	18.2
SDX00R-035-56	19.2	19.6	18.9	18.9	19.5
SDX01R-007039	18.2	18.2	19.0	18.1	17.4
SD(LD)05-16121	19.1	19.1	19.8	18.7	18.7
SD(LD)05-16137	18.9	18.3	19.9	19.0	18.5
U03-825124	19.2	19.8	19.1	18.8	19.2

Preliminary Test II Roundup-Ready, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	AG2403 (II)	na	Monsanto	3		
2.	AG2002	na	Monsanto	1		
3.	AG2603	na	Monsanto	1		
4.	NEX2905A0R (L)	na	Graef	3		Det.
5.	E06006	RR Titan x E99035	Wang	new	F5	RR
6.	SD05R-2723	Pion 9233 x SD1091RR	Scott	new	F5	RR
7.	SD05R-2732	Pion 9233 x SD1091RR	Scott	new	F5	RR
8.	SD05R-2744	Pion 9233 x SD1091RR	Scott	new	F5	RR
9.	SD05R-2932	SD99-011R x Pion 9233	Scott	new	F5	RR
10.	SD05R-3651	A00-712041 x SD1091RR	Scott	new	F5	RR
11.	SD05R-3664	A00-712041 x SD1091RR	Scott	new	F5	RR
12.	SD05R-4555	SD1081RR x Pion 9233	Scott	new	F5	RR
13.	SD05R-4605	SD1081RR x Pion 9233	Scott	new	F5	RR
14.	SD05R-5974	SD96-135-3 x MN1803RR	Scott	new	F5	RR
15.	U05-805032R	na	Graef	new	F4	White mold, Rps1-k
16.	U05-805073R	na	Graef	new	F4	SCN, Rps1-c
17.	U05-818079R	na	Graef	new	F4	SCN, Rps1-c, SDS
18.	U05-822013R	na	Graef	new	F4	SCN, Rps1-c, SDS,dt
19.	U05-824075R	na	Graef	new	F4	Rps?
20.	U05-829076R	na	Graef	new	F4	Rps?
21.	U05-839072R	na	Graef	new	F4	SDS, Rps?
22.	U06-806255R	na	Graef	new	F5	RK,PS,FE,SCN
23.	U06-817217R	na	Graef	new	F5	RK,PS,FE,SCN
24.	U06-817219R	na	Graef	new	F5	RK,PS,FE,SCN
25.	U06-818219R	na	Graef	new	F5	RK,SCN
26.	U06-821226R	na	Graef	new	F6	IDC,SDS,SCN,RC
27.	U06-821227R	na	Graef	new	F6	IDC,SDS,SCN,RC
28.	U06-822264R	na	Graef	new	F6	IDC,SDS,SCN,RC
29.	U06-830260R	na	Graef	new	F6	SCN,STS,RC,IDC

PRELIMINARY TEST II Roundup Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Shattering	PR		FE
		Score Manhattan KS	Lafayette Race 4	Race 7	Laf. a rx.
AG2403 (II)	PTTDYBII	1.0	R	R	S
AG2002	PTBDYBII	1.0	S	R	S
AG2603	PGBDYIbI	1.0	S	R	S
NEX2905A0R (L)	PGBDYIbD	1.0	S	S	S
E06006	PTBDYLbrI	1.0	R*	R*	S
SD05R-2723	PGTDYIbI	1.0	S	S	S
SD05R-2732	PGTDYIb+BfI	1.0	S	S	S
SD05R-2744	PGTDYIbI	1.0	S	S	S
SD05R-2932	PTTDYBrI	1.0	R*	R*	S
SD05R-3651	PGBDYIb+BfI	1.0	S	S	S
SD05R-3664	PGBDYLbFI	1.0	S	S	S
SD05R-4555	P+WGTDYIbI	1.0	S	S	S
SD05R-4605	WGTDYYI	1.0	S	S	S
SD05R-5974	P+WGBDYIb+BfI	1.0	S	S	S
U05-805032R	PTBDYBII	1.0	R	R	S
U05-805073R	PGBDYIbI	1.0	R*	R	S
U05-818079R	PGBDYIbI	1.0	S	S*	S
U05-822013R	PTBDYBI+BrD	1.0	S	R	S
U05-824075R	PGTDYIbI	1.0	R	R	S
U05-829076R	PGBDYIbI	1.0	R	R	S
U05-839072R	PT+GBDYBI+BfD	1.0	S	S	S
U06-806255R	PTBDYBII	1.0	R*	R*	S
U06-817217R	PTTDYBID	1.0	R*	R*	S
U06-817219R	PTBDYBII	1.0	R*	R*	S
U06-818219R	PLtTTDYBII	1.0	R*	R*	-
U06-821226R	PLtTBDYBrD	1.0	S	S	S
U06-821227R	PGBDYbFI	1.0	H*	R*	S
U06-822264R	PGBDYIbI	1.0	S	R*	S
U06-830260R	PGBDYIbD	1.0	H*	R*	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST II Roundup-Ready, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 9 bu/a	Rank 9 No.	Maturity 8 Date	Lodging 8 Score	Plant Height 6 In.	Seed Size 9 g/100	Seed Quality 5 Score	Composition	
								Protein 4 %	Oil 4 %
AG2403 (II)	56.9	14	9/16	1.0	28	15.2	1.8	34.7	18.4
AG2002	54.0	21	-1.9	1.0	32	12.4	1.7	35.8	18.2
AG2603	56.0	16	3.9	1.1	34	13.7	1.7	35.7	18.0
NEX2905A0R (L)	60.9	2	9.6	1.2	33	12.3	1.5	34.4	18.4
E06006	49.7	26	5.1	1.0	30	14.6	2.1	33.4	18.9
SD05R-2723	51.6	23	1.3	1.0	30	13.8	1.8	34.9	18.2
SD05R-2732	53.1	22	3.5	1.2	35	12.7	1.7	35.8	18.3
SD05R-2744	51.5	24	2.0	1.1	32	12.5	1.8	35.7	18.3
SD05R-2932	55.4	18	5.5	1.4	36	14.0	1.9	36.4	17.8
SD05R-3651	47.6	29	-2.9	1.1	30	13.7	2.0	34.7	19.0
SD05R-3664	49.4	28	-3.8	1.0	29	13.4	1.8	34.0	18.8
SD05R-4555	56.2	15	7.5	1.0	30	13.2	1.9	35.5	18.5
SD05R-4605	51.5	24	0.1	1.1	34	13.8	1.6	35.4	18.7
SD05R-5974	49.7	26	-3.4	1.2	33	15.0	1.9	34.3	19.0
U05-805032R	60.3	5	8.4	1.0	34	13.4	1.4	33.1	18.3
U05-805073R	57.8	10	6.5	1.2	33	12.9	1.5	34.6	18.3
U05-818079R	54.1	20	6.3	1.0	32	14.0	1.9	35.2	18.2
U05-822013R	54.9	19	3.5	1.3	33	12.6	1.9	35.1	17.9
U05-824075R	60.4	4	9.4	1.1	34	13.8	1.7	34.3	18.2
U05-829076R	60.6	3	12.9	1.1	34	14.2	2.0	34.3	18.5
U05-839072R	57.4	12	9.3	1.0	33	13.6	1.6	34.3	18.5
U06-806255R	57.4	12	3.9	1.0	31	13.5	1.7	35.3	18.6
U06-817217R	55.9	17	4.5	1.2	31	13.2	1.6	33.8	18.8
U06-817219R	59.1	7	7.4	1.0	34	14.8	1.8	34.4	18.5
U06-818219R	62.1	1	8.9	1.0	32	13.8	1.4	34.2	18.3
U06-821226R	57.8	10	7.0	1.0	31	12.4	1.6	32.6	18.3
U06-821227R	58.1	9	9.9	1.2	31	12.5	1.8	33.6	18.9
U06-822264R	59.3	6	10.1	1.1	33	12.8	1.6	33.0	18.7
U06-830260R	59.1	7	3.6	1.0	32	13.9	1.6	34.8	18.3

114.3 Days After Planting

PRELIMINARY TEST II Roundup-Ready, 2008

YIELD (bu/a)

Strain	Mean	Urbana IL	Lafayette IN	Wanatah IN	Ingham	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
	9 Tests				County MI					
AG2403 (II)	56.9	49.3	62.2	56.9	35.5	47.5	83.9	96.3	42.5	38.3
AG2002	54.0	50.3	63.4	53.8	32.3	56.7	73.5	90.0	35.5	30.7
AG2603	56.0	49.0	65.0	51.1	35.9	53.7	81.2	93.3	38.0	36.7
NEX2905A0R (L)	60.9	57.1	64.5	56.2	39.1	69.7	77.7	107.1	36.0	40.8
E06006	49.7	38.5	51.3	42.5	30.2	51.1	80.0	88.7	30.0	35.1
SD05R-2723	51.6	40.2	48.0	46.3	33.2	54.5	76.0	96.1	35.0	34.7
SD05R-2732	53.1	40.6	57.2	45.5	32.9	54.2	74.1	97.7	38.5	36.9
SD05R-2744	51.5	43.0	55.3	47.6	32.8	54.9	73.3	87.1	34.0	35.1
SD05R-2932	55.4	46.1	53.6	47.8	34.8	62.6	81.5	98.8	35.5	37.8
SD05R-3651	47.6	32.2	43.2	46.4	38.5	49.4	66.6	82.4	39.0	30.9
SD05R-3664	49.4	35.8	57.4	50.0	28.9	51.4	72.0	87.4	33.0	29.0
SD05R-4555	56.2	47.5	58.7	54.7	36.4	57.8	81.2	95.4	35.5	38.9
SD05R-4605	51.5	43.9	51.9	50.5	34.4	53.2	67.9	92.1	35.0	34.2
SD05R-5974	49.7	37.6	53.4	52.6	36.2	48.9	67.8	88.8	34.5	27.4
U05-805032R	60.3	55.7	64.5	56.7	40.6	61.0	82.0	103.3	40.0	39.0
U05-805073R	57.8	52.5	57.3	57.5	36.5	58.4	81.1	99.6	36.5	40.7
U05-818079R	54.1	49.4	59.8	58.1	31.7	54.0	76.0	87.3	34.0	36.6
U05-822013R	54.9	49.8	57.8	51.9	38.7	59.5	80.8	90.7	32.5	32.6
U05-824075R	60.4	50.8	67.3	59.8	35.1	66.4	84.4	100.5	38.5	40.7
U05-829076R	60.6	52.7	71.3	60.6	43.8	62.8	78.2	93.6	37.5	44.9
U05-839072R	57.4	52.6	67.6	57.3	35.5	63.4	75.4	94.6	34.0	35.9
U06-806255R	57.4	52.1	62.3	57.5	31.9	61.9	78.8	97.5	40.5	34.4
U06-817217R	55.9	46.2	62.2	48.5	33.8	61.6	80.5	97.1	38.5	35.0
U06-817219R	59.1	58.7	62.8	57.9	36.7	66.4	84.2	96.9	39.0	29.5
U06-818219R	62.1	56.8	67.3	59.9	37.5	68.5	76.7	103.2	44.5	44.1
U06-821226R	57.8	57.4	63.1	49.0	38.0	58.5	79.4	94.0	40.5	40.4
U06-821227R	58.1	61.0	63.6	51.2	35.7	63.8	83.3	90.7	37.0	36.8
U06-822264R	59.3	53.1	65.6	51.3	34.3	68.3	83.0	101.4	37.0	39.6
U06-830260R	59.1	54.9	65.3	57.0	33.2	61.5	82.2	101.5	32.5	44.0
Location Mean		48.8	60.1	53.0	35.3	58.7	78.0	94.9	36.7	36.6
C.V. (%)		9.5	9.3	7.7	11.0	7.8	5.9	5.1	5.9	6.7
L.S.D. (5%)		9.3	11.5	8.3	6.6	11.3	11.3	12.0	4.4	5.0
Row Sp. (In.)		30	30	30	15	30	30	30	30	30
Rows/Plot		4	4	4	6	4	4	4	4	4
Reps		2	2	2	2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST II Roundup-Ready, 2008

YIELD RANK

Strain	Yield Rank	Ingham								
		Urbana IL	Lafayette IN	Wanatah IN	County MI	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)	14	17	15	10	14	29	3	13	2	11
AG2002	21	14	11	14	25	18	24	23	17	26
AG2603	16	18	7	19	12	23	9	19	11	15
NEX2905A0R (L)	2	4	8	12	3	1	18	1	16	4
E06006	26	26	27	29	28	26	14	25	29	19
SD05R-2723	23	25	28	27	21	20	20	14	20	21
SD05R-2732	22	24	22	28	23	21	23	9	8	13
SD05R-2744	24	23	23	25	24	19	25	28	23	19
SD05R-2932	18	21	24	24	17	9	8	8	17	12
SD05R-3651	29	29	29	26	5	27	29	29	6	25
SD05R-3664	28	28	20	21	29	25	26	26	26	28
SD05R-4555	15	19	18	13	10	17	9	15	17	10
SD05R-4605	24	22	26	20	18	24	27	20	20	23
SD05R-5974	26	27	25	15	11	28	28	24	22	29
U05-805032R	5	6	8	11	2	13	7	2	5	9
U05-805073R	10	11	21	6	9	16	11	7	15	5
U05-818079R	20	16	17	4	27	22	20	27	23	16
U05-822013R	19	15	19	16	4	14	12	21	27	24
U05-824075R	4	13	3	3	16	4	1	6	8	5
U05-829076R	3	9	1	1	1	8	17	18	12	1
U05-839072R	12	10	2	8	15	7	22	16	23	17
U06-806255R	12	12	14	6	26	10	16	10	3	22
U06-817217R	17	20	16	23	20	11	13	11	8	20
U06-817219R	7	2	13	5	8	4	2	12	6	27
U06-818219R	1	5	3	2	7	2	19	3	1	2
U06-821226R	10	3	12	22	6	15	15	17	3	7
U06-821227R	9	1	10	18	13	6	4	21	13	14
U06-822264R	6	8	5	17	19	3	5	5	13	8
U06-830260R	7	7	6	9	22	12	6	4	27	3

PRELIMINARY TEST II Roundup-Ready, 2008

MATURITY (date)

Strain	Mean	Urbana	Lafayette	Wanatah	Ingham	Beemer	Cotesfield	Phillips	Aurora	Beresford	
	8 Tests	IL	IN	IN	County MI	NE	NE	NE	SD	SD	
AG2403 (II)	9/16	9/8	9/10	9/18	9/10	9/15	9/25		9/21	9/26	
AG2002	-1.9	-2	-2	-8	-1	-3	0		3	-2	
AG2603	3.9	6	8	3	2	4	4		5	-1	
NEX2905A0R (L)	9.6	14	10	5	13	11	10		7	7	
E06006	5.1	11	8	0	2	7	10		5	-2	
SD05R-2723	1.3	2	6	-8	0	4	4		3	-1	
SD05R-2732	3.5	3	5	1	3	7	5		3	1	
SD05R-2744	2.0	2	6	-4	-1	7	3		3	0	
SD05R-2932	5.5	7	6	4	7	9	7		3	1	
SD05R-3651	-2.9	-8	4	-9	-2	-5	2		-1	-4	
SD05R-3664	-3.8	-7	-1	-9	-3	-6	0		-1	-3	
SD05R-4555	7.5	10	5	6	6	10	12		7	4	
SD05R-4605	0.1	-2	5	-7	-2	3	1		3	0	
SD05R-5974	-3.4	-7	0	-8	-3	-4	1		-3	-3	
U05-805032R	8.4	12	5	5	13	9	11		7	5	
U05-805073R	6.5	13	10	4	8	6	7		4	0	
U05-818079R	6.3	12	9	5	5	8	6		4	1	
U05-822013R	3.5	7	9	2	1	-3	8		6	-2	
U05-824075R	9.4	16	11	5	18	10	9		-1	7	
U05-829076R	12.9	18	14	7	20	12	10		12	10	
U05-839072R	9.3	14	11	4	12	8	11		6	8	
U06-806255R	3.9	6	6	4	4	3	4		4	0	
U06-817217R	4.5	5	7	3	7	4	5		4	1	
U06-817219R	7.4	12	9	4	11	7	7		7	2	
U06-818219R	8.9	16	11	4	11	9	11		6	3	
U06-821226R	7.0	8	9	4	7	7	10		5	6	
U06-821227R	9.9	15	11	4	14	12	9		7	7	
U06-822264R	10.1	15	12	5	12	10	14		7	6	
U06-830260R	3.6	4	7	2	4	4	6		3	-1	
Date Planted	5/25	5/22	5/22	5/19	5/23	5/15	6/10		5/26	5/13	6/16
Days to Mature	114	109	111	122	110	123	107		131	102	

PRELIMINARY TEST II Roundup-Ready, 2008

LODGING (score)

Strain	Mean 8 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
AG2002	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
AG2603	1.1	1.0	1.0	1.0	1.0		1.0	1.0	1.0	2.0
NEX2905A0R (L)	1.2	2.0	1.0	1.0	1.0		1.5	1.0	1.0	1.0
E06006	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
SD05R-2723	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
SD05R-2732	1.2	1.0	1.0	1.0	2.0		1.5	1.0	1.0	1.0
SD05R-2744	1.1	1.0	1.0	1.0	1.5		1.5	1.0	1.0	1.0
SD05R-2932	1.4	1.0	1.8	1.3	1.0		2.0	1.0	1.0	2.0
SD05R-3651	1.1	1.0	1.3	1.0	1.5		1.0	1.0	1.0	1.0
SD05R-3664	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
SD05R-4555	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
SD05R-4605	1.1	1.0	1.0	1.5	1.0		1.0	1.0	1.0	1.0
SD05R-5974	1.2	1.0	1.3	1.0	1.5		1.5	1.0	1.0	1.0
U05-805032R	1.0	1.3	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U05-805073R	1.2	1.3	1.0	1.0	1.5		1.0	1.0	1.0	2.0
U05-818079R	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U05-822013R	1.3	1.3	1.0	1.0	1.5		2.5	1.0	1.0	1.0
U05-824075R	1.1	1.5	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U05-829076R	1.1	1.5	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U05-839072R	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U06-806255R	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U06-817217R	1.2	1.0	1.0	1.3	1.0		1.5	1.0	1.0	2.0
U06-817219R	1.0	1.0	1.0	1.3	1.0		1.0	1.0	1.0	1.0
U06-818219R	1.0	1.3	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U06-821226R	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U06-821227R	1.2	1.3	1.0	1.0	1.0		1.0	1.0	1.0	2.0
U06-822264R	1.1	1.8	1.0	1.0	1.0		1.0	1.0	1.0	1.0
U06-830260R	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0

PRELIMINARY TEST II Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Mean	Urbana IL	Lafayette IN	Wanatah IN	Ingham	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
	6 Tests				County MI					
AG2403 (II)	28	26	28	28	28				28	30
AG2002	32	31	32	31	33				33	34
AG2603	34	31	34	34	35				35	37
NEX2905A0R (L)	33	29	33	33	32				34	37
E06006	30	25	31	29	28				28	36
SD05R-2723	30	28	31	28	28				27	36
SD05R-2732	35	32	35	34	31				36	42
SD05R-2744	32	31	34	32	29				30	34
SD05R-2932	36	35	36	35	34				36	40
SD05R-3651	30	26	30	30	29				32	33
SD05R-3664	29	26	29	28	26				30	32
SD05R-4555	30	29	30	30	26				30	32
SD05R-4605	34	33	32	31	32				35	40
SD05R-5974	33	30	32	32	34				33	39
U05-805032R	34	32	34	35	33				35	34
U05-805073R	33	31	34	34	33				31	37
U05-818079R	32	29	37	35	27				33	32
U05-822013R	33	30	31	32	31				35	38
U05-824075R	34	27	35	36	33				32	38
U05-829076R	34	31	37	35	35				33	34
U05-839072R	33	30	32	33	30				34	36
U06-806255R	31	29	32	30	28				33	31
U06-817217R	31	29	29	29	28				35	36
U06-817219R	34	31	37	35	32				34	35
U06-818219R	32	32	34	33	28				33	33
U06-821226R	31	26	31	30	29				35	35
U06-821227R	31	29	32	32	32				30	31
U06-822264R	33	30	36	32	30				28	39
U06-830260R	32	29	32	30	32				32	34

PRELIMINARY TEST II Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Mean	Urbana IL	Lafayette IN	Wanatah IN	Ingham	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
	9 Tests				County MI					
AG2403 (II)	15.2	13.7	15.6	15.6	14.6	13.4	16.6	16.8	14.5	16.1
AG2002	12.4	10.9	13.0	12.3	12.4	11.7	14.0	13.4	11.5	12.0
AG2603	13.7	12.7	14.3	13.1	12.9	12.4	16.1	15.0	13.2	13.3
NEX2905A0R (L)	12.3	11.3	11.8	11.7	11.8	11.7	14.2	14.6	12.1	11.4
E06006	14.6	12.8	13.0	13.4	13.1	13.0	18.2	17.6	14.8	15.1
SD05R-2723	13.8	12.3	13.9	13.6	12.5	13.3	16.6	16.6	11.8	13.6
SD05R-2732	12.7	11.5	13.0	12.2	11.7	11.9	15.1	14.8	11.2	12.8
SD05R-2744	12.5	11.1	12.2	12.1	11.4	12.6	14.6	14.1	11.4	13.0
SD05R-2932	14.0	12.9	13.6	13.1	13.2	13.4	16.4	16.2	12.4	15.1
SD05R-3651	13.7	11.2	13.7	14.9	12.3	12.4	16.6	15.8	13.5	12.6
SD05R-3664	13.4	10.6	13.5	14.1	12.2	12.5	16.7	15.5	12.6	12.9
SD05R-4555	13.2	12.8	13.3	14.8	13.6	7.5	15.2	15.4	11.8	14.5
SD05R-4605	13.8	11.5	13.5	14.5	12.5	12.7	16.5	16.1	12.5	14.0
SD05R-5974	15.0	12.2	16.3	16.1	12.4	13.6	18.4	18.9	13.0	14.3
U05-805032R	13.4	12.1	12.8	13.1	13.5	11.6	15.7	14.4	13.0	14.3
U05-805073R	12.9	12.1	13.4	12.6	12.2	10.7	15.5	14.7	12.3	12.8
U05-818079R	14.0	13.5	14.2	14.3	13.5	12.1	15.8	15.1	13.1	14.4
U05-822013R	12.6	11.0	12.7	13.1	12.2	11.3	15.5	14.1	11.0	12.3
U05-824075R	13.8	12.7	14.0	12.8	14.1	12.3	15.6	14.8	13.4	14.4
U05-829076R	14.2	14.9	14.7	13.3	15.0	12.5	15.6	14.9	12.6	14.1
U05-839072R	13.6	12.7	13.1	14.0	13.6	12.6	15.3	15.0	12.6	13.5
U06-806255R	13.5	12.1	13.5	13.7	12.1	11.8	17.0	15.2	12.5	13.8
U06-817217R	13.2	11.7	13.1	13.1	12.3	12.7	15.8	15.3	12.9	12.2
U06-817219R	14.8	14.3	15.4	14.8	13.7	12.7	17.2	17.0	13.9	14.2
U06-818219R	13.8	13.7	13.9	13.3	13.6	12.6	15.2	14.9	13.4	13.8
U06-821226R	12.4	11.3	12.6	11.9	12.0	11.7	14.2	13.8	11.5	12.7
U06-821227R	12.5	12.5	12.0	11.6	12.9	11.4	15.0	13.4	11.8	12.0
U06-822264R	12.8	12.5	12.5	11.5	13.0	12.0	15.3	14.3	11.7	12.2
U06-830260R	13.9	13.6	13.9	14.4	12.7	11.6	16.5	16.4	12.4	13.8

PRELIMINARY TEST II Roundup-Ready, 2008

SEED QUALITY (score)

Strain	Mean	Urbana IL	Lafayette IN	Wanatah IN	Ingham					
	5 Tests				County MI	Beemer NE	Cotesfield NE	Phillips NE	Aurora SD	Beresford SD
AG2403 (II)	1.8	1.0	1.5	2.5					2.0	2.0
AG2002	1.7	1.0	1.5	2.0					2.0	2.0
AG2603	1.7	1.0	1.5	2.0					2.0	2.0
NEX2905A0R (L)	1.5	1.0	1.0	1.5					2.0	2.0
E06006	2.1	2.0	1.5	2.0					3.0	2.0
SD05R-2723	1.8	1.0	1.5	2.5					2.0	2.0
SD05R-2732	1.7	1.0	1.5	2.0					2.0	2.0
SD05R-2744	1.8	1.0	2.0	2.0					2.0	2.0
SD05R-2932	1.9	2.0	1.5	2.0					2.0	2.0
SD05R-3651	2.0	2.0	1.5	1.5					3.0	2.0
SD05R-3664	1.8	2.0	1.0	2.0					2.0	2.0
SD05R-4555	1.9	2.0	1.5	2.0					2.0	2.0
SD05R-4605	1.6	1.0	1.0	2.0					2.0	2.0
SD05R-5974	1.9	2.0	1.5	2.0					2.0	2.0
U05-805032R	1.4	1.0	1.0	1.0					2.0	2.0
U05-805073R	1.5	1.0	1.0	1.5					2.0	2.0
U05-818079R	1.9	3.0	1.0	1.5					2.0	2.0
U05-822013R	1.9	2.0	1.5	2.0					2.0	2.0
U05-824075R	1.7	2.0	1.5	1.0					2.0	2.0
U05-829076R	2.0	2.0	1.0	1.0					4.0	2.0
U05-839072R	1.6	1.0	1.0	1.0					3.0	2.0
U06-806255R	1.7	1.0	1.5	2.0					2.0	2.0
U06-817217R	1.6	1.0	1.0	2.0					2.0	2.0
U06-817219R	1.8	1.0	1.5	1.5					3.0	2.0
U06-818219R	1.4	1.0	1.0	1.0					2.0	2.0
U06-821226R	1.6	1.0	1.0	1.0					3.0	2.0
U06-821227R	1.8	1.0	1.0	1.0					4.0	2.0
U06-822264R	1.6	1.0	1.0	1.0					3.0	2.0
U06-830260R	1.6	1.0	1.0	2.0					2.0	2.0

PRELIMINARY TEST II Roundup-Ready, 2008

PROTEIN (%)

Strain	Mean 4 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI
AG2403 (II)	34.7	ns	34.6	34.9	34.7
AG2002	35.8	ns	34.9	35.6	37.0
AG2603	35.7	ns	34.5	36.1	36.5
NEX2905A0R (L)	34.4	ns	33.9	34.8	34.4
E06006	33.4	31.2	32.8	33.7	35.8
SD05R-2723	34.9	34.3	34.2	35.1	36.0
SD05R-2732	35.8	34.3	35.9	35.7	37.4
SD05R-2744	35.7	34.6	35.2	36.4	36.7
SD05R-2932	36.4	35.7	35.9	36.6	37.3
SD05R-3651	34.7	34.5	34.3	34.7	35.2
SD05R-3664	34.0	33.4	33.0	34.2	35.4
SD05R-4555	35.5	35.1	34.6	36.0	36.4
SD05R-4605	35.4	34.0	35.0	35.5	37.0
SD05R-5974	34.3	33.5	33.5	33.7	36.4
U05-805032R	33.1	31.6	32.3	33.6	34.8
U05-805073R	34.6	33.2	34.3	34.0	37.0
U05-818079R	35.2	33.5	34.9	35.2	37.3
U05-822013R	35.1	33.9	34.7	35.5	36.1
U05-824075R	34.3	32.5	34.3	34.6	35.9
U05-829076R	34.3	32.9	34.4	34.1	35.7
U05-839072R	34.3	32.6	34.2	34.4	36.0
U06-806255R	35.3	33.6	35.1	35.1	37.3
U06-817217R	33.8	32.5	33.5	34.1	34.9
U06-817219R	34.4	32.8	33.9	34.7	36.2
U06-818219R	34.2	33.0	34.1	34.4	35.3
U06-821226R	32.6	30.8	32.4	32.5	34.7
U06-821227R	33.6	32.3	33.5	33.4	35.1
U06-822264R	33.0	31.8	32.6	32.7	34.7
U06-830260R	34.8	33.5	34.0	34.8	36.9

* Protein and Oil values converted to 13% moisture basis.

ns = no sample

PRELIMINARY TEST II Roundup-Ready, 2008

OIL (%)

Strain	Mean 4 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI
AG2403 (II)	18.4	ns	18.8	18.3	18.1
AG2002	18.2	ns	18.9	18.0	17.8
AG2603	18.0	ns	18.3	18.0	17.5
NEX2905A0R (L)	18.4	ns	18.6	18.6	18.0
E06006	18.9	20.0	19.1	18.7	17.9
SD05R-2723	18.2	18.5	18.7	18.2	17.4
SD05R-2732	18.3	18.9	18.8	17.9	17.4
SD05R-2744	18.3	18.4	18.3	18.8	17.6
SD05R-2932	17.8	18.4	18.2	17.3	17.3
SD05R-3651	19.0	18.1	19.9	19.1	19.0
SD05R-3664	18.8	18.6	19.2	18.8	18.3
SD05R-4555	18.5	19.2	18.4	18.0	18.3
SD05R-4605	18.7	18.9	19.0	18.7	18.1
SD05R-5974	19.0	19.0	19.5	19.3	18.0
U05-805032R	18.3	19.3	18.8	18.1	17.0
U05-805073R	18.3	19.5	18.5	18.2	16.8
U05-818079R	18.2	18.4	19.1	17.8	17.3
U05-822013R	17.9	18.1	18.1	17.8	17.7
U05-824075R	18.2	18.5	18.5	17.8	17.9
U05-829076R	18.5	19.3	18.5	18.6	17.5
U05-839072R	18.5	19.4	18.5	18.5	17.4
U06-806255R	18.6	19.0	19.1	18.5	17.7
U06-817217R	18.8	19.3	18.9	18.7	18.1
U06-817219R	18.5	19.2	18.8	18.1	17.7
U06-818219R	18.3	19.2	18.3	17.9	17.8
U06-821226R	18.3	19.3	18.4	18.3	17.3
U06-821227R	18.9	19.5	19.2	18.7	18.3
U06-822264R	18.7	19.4	18.9	18.6	17.8
U06-830260R	18.3	19.0	18.5	18.0	17.7

ns = no sample

Preliminary Test III Roundup-Ready, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	U03-827101 (SCN)	na	Monsanto	new		RR, SCN
2.	NEX2905A0R (E)	na	Graef	1		Det.
3.	AG3504	na	Monsanto	new		
4.	DKB3852 (SCN)	na	Monsanto	4		RR, SCN
5.	CL03-51274	na	LeRoy	new	F6	Rps 3-a?
6.	CL04-101132	na	LeRoy	PTIII RR SCN	F4	Rps 3-a,1-k?
7.	CL05-54312	na	LeRoy	new	F4	Rps 1-k?
8.	CL05-182241	na	LeRoy	new	F5	Rps 3-a,1-k?
9.	K06-2073 RR	LD00-3309 x K00-72RR-2584	Schapaugh	new	F4	
10.	K06-2087 RR	LD00-3309 x K00-72RR-2584	Schapaugh	new	F4	
11.	K06-2204 RR	LD00-3309 x K1594RR	Schapaugh	new	F4	
12.	K06-2386 RR	LS93-0375 x K00-72RR-2584	Schapaugh	new	F4	STS Resistant
13.	K06-2489 RR	LS93-0375 x S02-750CR RR	Schapaugh	new	F4	
14.	K06-3958 RR	K00-80-2475 x K1594RR	Schapaugh	new	F4	
15.	K06-4078 RR	IA3023 x SDX00R-039-42RR	Schapaugh	new	F4	
16.	SS05-6779	RR x RR	Sleper	new	F5	SCN
17.	SS05-7367	RR x RR	Sleper	new	F5	SCN
18.	SS05-7541	RR x RR	Sleper	new	F5	SCN
19.	SS05-9971	RR x RR	Sleper	new	F5	SCN
20.	SS05-10595	RR x RR	Sleper	new	F5	SCN
21.	SS05-10742	RR x RR	Sleper	new	F5	SCN
22.	U05-802055R	na	Graef	new	F4	IDC,SCN, SDS,dt
23.	U05-810075R	na	Graef	new	F4	SCN, Rps1-c
24.	U05-826081R	na	Graef	new	F4	Rps?,SCN
25.	U05-830006R	na	Graef	new	F4	Rps?,SCN
26.	U05-832063R	na	Graef	new	F4	White mold, Rps1-k
27.	U05-833072R	na	Graef	new	F4	SDS, Rps?,SCN
28.	U05-834075R	na	Graef	new	F4	SDS, Rps?,SCN, dt

PRELIMINARY TEST III Roundup Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>		<u>FE</u>
		Score Lafayette IN	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Laf. a rx.
U03-827101 (SCN)	WTBDYBII	2.0	1.0	S	R*	-
NEX2905A0R (E)	PGBDYIbD	1.0	1.0	S	S	S
AG3504	PGBDYIbI	1.0	1.0	S	R	S
DKB3852 (SCN)	WGTDYLbfI	2.0	1.0	R*	R*	S
CL03-51274	WT+L ^t TBDYBII	2.0	1.0	S*	S	S
CL04-101132	WL ^t TBDYBII	1.0	1.0	S*	S*	S
CL05-54312	PL ^t TBDYBII	1.0	1.0	S*	S*	S
CL05-182241	WL ^t TBDYBII	1.0	1.0	S*	S*	S
K06-2073 RR	PTTDYBII	2.0	1.0	S	S	S
K06-2087 RR	PTTDYBII	1.0	1.0	S	S	-
K06-2204 RR	PTTDYBI+BrI	2.0	1.0	S	S	-
K06-2386 RR	PTBDYBII	1.0	1.0	S	S	S
K06-2489 RR	PTBDYBII	2.0	1.0	S	S	S
K06-3958 RR	PTTDYBII	1.0	1.0	S	S	-
K06-4078 RR	P+WGBDYIb+BfI	1.0	1.0	R*	R*	S
SS05-6779	PGBDYIb+BfI	2.0	1.0	R*	R*	S
SS05-7367	PTBDYBII	1.0	1.0	R*	R*	S
SS05-7541	PGTDYIbI	1.0	1.0	S	R*	S
SS05-9971	PGTDYIbI	1.0	1.0	S	R*	-
SS05-10595	PGTDYIbI	1.0	1.0	S	S	S
SS05-10742	WTTDYBII	1.0	1.0	S	S	S
U05-802055R	WGBDYBfD	1.0	1.0	R*	R*	S
U05-810075R	PTTDYBII	1.0	1.0	R*	R	S
U05-826081R	PTTDYLbII	1.0	1.0	R	R	S
U05-830006R	PTTDYBII	1.0	1.0	S	S	S
U05-832063R	P+WL ^t TBDYBII	1.0	1.0	S*	S*	S
U05-833072R	PGBDYIbI	1.0	1.0	S	S	S
U05-834075R	PTBDYBI D	1.0	1.0	S	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST III Roundup-Ready, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield 10 bu/a	Rank 10 No.	Maturity 8 Date	Lodging 9 Score	Plant Height 7 In.	Seed Size 10 g/100	Seed Quality 7 Score	Composition	
								Protein 5 %	Oil 5 %
U03-827101 (SCN)	55.1	6	10/2	1.1	33	15.3	1.7	35.0	17.4
NEX2905A0R (E)	53.3	16	-6.1	1.1	29	12.5	1.8	34.0	18.7
AG3504	56.4	2	-1.6	1.5	36	15.0	1.4	35.2	17.8
DKB3852 (SCN)	54.8	8	1.8	1.1	34	14.2	1.8	33.8	18.4
CL03-51274	52.2	19	3.6	1.4	34	17.0	1.9	35.5	17.2
CL04-101132	54.7	9	-1.5	1.2	35	13.2	1.9	35.1	18.0
CL05-54312	54.5	10	-1.8	1.2	34	14.4	1.6	34.4	17.8
CL05-182241	54.3	11	0.4	1.3	34	16.0	1.5	34.8	17.4
K06-2073 RR	54.1	13	3.9	1.7	40	13.9	1.4	33.6	18.7
K06-2087 RR	55.8	3	2.0	1.4	35	12.6	1.6	33.2	18.5
K06-2204 RR	50.4	23	3.2	1.2	35	14.1	1.6	34.4	18.1
K06-2386 RR	53.3	16	1.5	1.6	37	14.6	1.4	32.9	18.7
K06-2489 RR	56.5	1	7.8	1.5	38	13.8	1.6	35.1	17.8
K06-3958 RR	46.3	28	2.4	1.3	34	14.2	1.6	34.6	17.3
K06-4078 RR	48.3	26	2.2	1.9	39	13.1	1.6	32.2	18.8
SS05-6779	55.3	5	4.3	1.2	33	15.1	1.7	34.0	18.3
SS05-7367	55.5	4	3.5	1.1	36	13.8	1.7	33.6	18.5
SS05-7541	51.8	20	2.0	1.2	34	14.2	1.9	33.7	18.0
SS05-9971	48.2	27	2.7	1.3	35	14.0	1.6	34.7	18.3
SS05-10595	53.4	15	2.5	1.4	38	13.2	1.6	34.3	18.0
SS05-10742	50.7	22	0.3	1.6	32	15.1	1.6	35.4	18.1
U05-802055R	50.3	24	-5.1	1.1	30	15.7	2.1	34.7	18.6
U05-810075R	54.9	7	-6.1	1.1	32	14.5	1.8	34.3	18.2
U05-826081R	53.3	16	-4.7	1.2	35	14.0	1.4	33.5	18.5
U05-830006R	54.2	12	-2.5	1.3	34	14.6	1.9	34.4	18.3
U05-832063R	54.0	14	-0.8	1.2	33	13.5	1.4	33.1	18.0
U05-833072R	50.8	21	-3.9	1.2	36	14.2	1.8	33.6	18.8
U05-834075R	50.0	25	-6.1	1.0	31	14.2	1.5	35.2	17.9

126.6 Days After Planting

PRELIMINARY TEST III Roundup-Ready, 2008

YIELD (bu/a)

Strain	Mean 10 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
U03-827101 (SCN)	55.1	66.1	70.6	59.2	49.5	52.9
NEX2905A0R (E)	53.3	61.0	72.9	61.6	54.0	46.1
AG3504	56.4	65.0	72.4	63.3	50.1	48.0
DKB3852 (SCN)	54.8	61.5	71.3	55.2	46.7	50.5
CL03-51274	52.2	68.5	70.7	68.0	46.5	53.0
CL04-101132	54.7	70.9	69.3	60.9	47.9	52.2
CL05-54312	54.5	63.4	64.2	53.2	48.6	49.4
CL05-182241	54.3	67.5	74.3	66.6	44.6	47.6
K06-2073 RR	54.1	67.9	70.4	60.3	48.5	47.1
K06-2087 RR	55.8	65.4	75.3	66.2	47.0	48.1
K06-2204 RR	50.4	62.4	55.8	52.3	48.9	45.2
K06-2386 RR	53.3	55.0	70.2	64.6	47.3	47.8
K06-2489 RR	56.5	66.9	72.4	68.2	49.7	50.3
K06-3958 RR	46.3	53.1	47.0	46.3	48.9	38.1
K06-4078 RR	48.3	48.1	47.3	39.3	54.4	45.9
SS05-6779	55.3	66.6	73.6	65.9	48.4	51.1
SS05-7367	55.5	72.0	76.3	65.5	48.0	53.9
SS05-7541	51.8	63.7	63.0	59.5	46.4	50.7
SS05-9971	48.2	51.7	52.8	39.8	49.0	51.5
SS05-10595	53.4	68.9	74.9	62.4	46.3	51.4
SS05-10742	50.7	64.1	61.9	59.5	44.2	49.0
U05-802055R	50.3	58.4	55.2	55.9	47.6	47.1
U05-810075R	54.9	65.0	56.0	64.3	51.0	50.8
U05-826081R	53.3	68.4	65.1	68.6	45.4	54.0
U05-830006R	54.2	68.0	62.4	64.6	45.5	50.9
U05-832063R	54.0	62.1	51.7	54.0	52.0	53.7
U05-833072R	50.8	68.1	63.0	66.7	42.5	41.5
U05-834075R	50.0	61.6	62.0	59.8	48.1	43.5
Location Mean		63.6	65.1	59.7	48.1	49.0
C.V. (%)		7.2	8.0	10.3	4.4	6.0
L.S.D. (5%)		9.4	10.7	12.6	2.9	4.1
Row Sp. (In.)		30	30	30	30	30
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	2

PRELIMINARY TEST III Roundup-Ready, 2008

YIELD (bu/a)

Strain	Ottawa KS	Columbia MO	Dewitt NE	Lincoln NE	North Bend NE
U03-827101 (SCN)	31.6	47.2	83.8	37.1	53.0
NEX2905A0R (E)	34.9	28.1	83.1	43.7	47.9
AG3504	35.5	53.1	81.9	41.9	53.2
DKB3852 (SCN)	36.0	56.5	73.1	44.8	52.2
CL03-51274	31.3	24.8	70.1	39.0	49.7
CL04-101132	31.9	48.6	81.6	35.1	48.7
CL05-54312	32.0	57.5	83.5	41.1	52.3
CL05-182241	30.3	60.4	69.8	40.6	40.9
K06-2073 RR	31.9	52.4	76.9	36.5	49.3
K06-2087 RR	34.5	48.6	75.3	44.3	53.6
K06-2204 RR	33.4	48.2	66.4	50.1	41.1
K06-2386 RR	31.8	46.8	79.8	42.8	46.8
K06-2489 RR	33.0	60.6	76.0	38.3	49.7
K06-3958 RR	33.4	52.5	72.1	33.5	38.0
K06-4078 RR	31.6	58.1	75.9	37.6	44.9
SS05-6779	33.7	52.4	71.8	46.6	42.8
SS05-7367	33.9	40.8	76.9	39.3	48.8
SS05-7541	33.5	34.6	79.6	43.2	43.3
SS05-9971	34.4	35.3	74.3	38.8	54.1
SS05-10595	33.8	33.9	74.9	42.1	45.2
SS05-10742	30.4	46.2	75.9	31.0	44.4
U05-802055R	34.3	43.8	72.4	39.6	48.3
U05-810075R	30.8	46.4	78.6	50.8	55.4
U05-826081R	33.5	50.5	71.7	37.7	38.1
U05-830006R	31.8	56.2	80.7	37.1	45.2
U05-832063R	36.7	54.9	78.4	46.4	50.3
U05-833072R	30.8	45.5	73.0	40.3	36.4
U05-834075R	27.1	36.4	72.4	39.5	49.7
Location Mean	32.8	47.2	76.1	40.7	47.3
C.V. (%)	5.9	6.1	7.0	13.3	13.0
L.S.D. (5%)	3.2	4.9	13.1	13.3	15.1
Row Sp. (In.)	30	30	30	30	30
Rows/Plot	4	4	4	4	4
Reps	2	2	2	2	2

PRELIMINARY TEST III Roundup-Ready, 2008

YIELD RANK

Strain	Yield Rank	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
U03-827101 (SCN)	6	12	11	20	7	5
NEX2905A0R (E)	16	23	6	14	2	23
AG3504	2	14	7	12	5	18
DKB3852 (SCN)	8	22	9	22	20	13
CL03-51274	19	4	10	3	21	4
CL04-101132	9	2	14	15	16	6
CL05-54312	10	18	16	24	11	15
CL05-182241	11	9	4	5	26	20
K06-2073 RR	13	8	12	16	12	21
K06-2087 RR	3	13	2	6	19	17
K06-2204 RR	23	19	23	25	9	25
K06-2386 RR	16	25	13	9	18	19
K06-2489 RR	1	10	7	2	6	14
K06-3958 RR	28	26	28	26	9	28
K06-4078 RR	26	28	27	28	1	24
SS05-6779	5	11	5	7	13	9
SS05-7367	4	1	1	8	15	2
SS05-7541	20	17	17	18	22	12
SS05-9971	27	27	25	27	8	7
SS05-10595	15	3	3	13	23	8
SS05-10742	22	16	21	18	27	16
U05-802055R	24	24	24	21	17	21
U05-810075R	7	14	22	11	4	11
U05-826081R	16	5	15	1	25	1
U05-830006R	12	7	19	9	24	10
U05-832063R	14	20	26	23	3	3
U05-833072R	21	6	17	4	28	27
U05-834075R	25	21	20	17	14	26

PRELIMINARY TEST III Roundup-Ready, 2008

YIELD RANK

Strain	Ottawa KS	Columbia MO	Dewitt NE	Lincoln NE	North Bend NE
U03-827101 (SCN)	21	16	1	23	5
NEX2905A0R (E)	4	27	3	7	16
AG3504	3	8	4	11	4
DKB3852 (SCN)	2	5	19	5	7
CL03-51274	23	28	26	18	9
CL04-101132	17	13	5	26	14
CL05-54312	16	4	2	12	6
CL05-182241	27	2	27	13	25
K06-2073 RR	17	10	11	25	12
K06-2087 RR	5	13	16	6	3
K06-2204 RR	13	15	28	2	24
K06-2386 RR	19	17	7	9	17
K06-2489 RR	15	1	13	20	9
K06-3958 RR	13	9	23	27	27
K06-4078 RR	21	3	14	22	20
SS05-6779	10	10	24	3	23
SS05-7367	8	22	11	17	13
SS05-7541	11	25	8	8	22
SS05-9971	6	24	18	19	2
SS05-10595	9	26	17	10	18
SS05-10742	26	19	14	28	21
U05-802055R	7	21	21	15	15
U05-810075R	24	18	9	1	1
U05-826081R	11	12	25	21	26
U05-830006R	19	6	6	23	18
U05-832063R	1	7	10	4	8
U05-833072R	24	20	20	14	28
U05-834075R	28	23	21	16	9

PRELIMINARY TEST III Roundup-Ready, 2008

MATURITY (date)

Strain	Mean 8 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
U03-827101 (SCN)	10/2	9/30	10/4	10/2	10/6	10/9
NEX2905A0R (E)	-6.1	-6	-12	-6	-3	-5
AG3504	-1.6	-1	-6	-2	-1	-2
DKB3852 (SCN)	1.8	1	3	-2	2	2
CL03-51274	3.6	3	2	5	8	2
CL04-101132	-1.5	-1	-3	-4	-1	0
CL05-54312	-1.8	-1	-7	-6	1	1
CL05-182241	0.4	1	-2	1	1	-1
K06-2073 RR	3.9	3	2	5	7	4
K06-2087 RR	2.0	1	0	3	4	1
K06-2204 RR	3.2	1	2	5	4	2
K06-2386 RR	1.5	1	-1	2	3	1
K06-2489 RR	7.8	6	5	6	10	8
K06-3958 RR	2.4	0	-1	1	5	2
K06-4078 RR	2.2	-2	-8	-6	10	6
SS05-6779	4.3	4	2	6	7	2
SS05-7367	3.5	4	1	5	5	2
SS05-7541	2.0	2	0	-2	3	2
SS05-9971	2.7	0	0	-4	7	3
SS05-10595	2.5	3	1	2	5	1
SS05-10742	0.3	1	-6	-1	2	3
U05-802055R	-5.1	-6	-13	-7	-1	-4
U05-810075R	-6.1	-5	-13	-7	-3	-3
U05-826081R	-4.7	-4	-10	-5	-2	-3
U05-830006R	-2.5	-2	-7	-3	-2	-2
U05-832063R	-0.8	-1	-7	-6	2	0
U05-833072R	-3.9	-4	-9	-6	-1	-4
U05-834075R	-6.1	-8	-11	-9	-3	-2
Date Planted	5/29	5/22	5/22	5/19	6/10	6/17
Days to Mature	127	131	135	136	118	114

PRELIMINARY TEST III Roundup-Ready, 2008

MATURITY (date)

Strain	Ottawa KS	Columbia MO	Dewitt NE	Lincoln NE	North Bend NE
U03-827101 (SCN)		9/24	9/27		10/10
NEX2905A0R (E)		-7	-4		-6
AG3504		0	0		-1
DKB3852 (SCN)		2	5		1
CL03-51274		0	6		3
CL04-101132		-2	-1		0
CL05-54312		0	2		-4
CL05-182241		1	3		-1
K06-2073 RR		5	7		-1
K06-2087 RR		2	4		1
K06-2204 RR		4	6		1
K06-2386 RR		3	4		-1
K06-2489 RR		8	12		7
K06-3958 RR		3	7		2
K06-4078 RR		3	9		5
SS05-6779		2	6		5
SS05-7367		2	7		2
SS05-7541		2	6		2
SS05-9971		3	7		5
SS05-10595		2	4		2
SS05-10742		1	4		-1
U05-802055R		-7	-2		-1
U05-810075R		-6	-5		-7
U05-826081R		-7	-2		-4
U05-830006R		-3	1		-2
U05-832063R		3	4		-1
U05-833072R		-7	0		-1
U05-834075R		-4	-4		-7
Date Planted		5/20	5/19		6/11
Days to Mature		127	131		121

PRELIMINARY TEST III Roundup-Ready, 2008

LODGING (score)

Strain	Mean 9 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
U03-827101 (SCN)	1.1	2.3	1.0	1.0	1.0	1.0
NEX2905A0R (E)	1.1	1.3	1.0	1.0	1.0	1.0
AG3504	1.5	2.5	1.3	1.5	1.0	1.3
DKB3852 (SCN)	1.1	1.3	1.0	1.0	1.0	1.0
CL03-51274	1.4	2.8	1.3	1.5	1.0	1.3
CL04-101132	1.2	2.0	1.0	1.0	1.0	1.0
CL05-54312	1.2	2.0	1.0	1.0	1.0	1.0
CL05-182241	1.3	2.3	1.0	1.0	1.0	1.0
K06-2073 RR	1.7	2.8	1.5	1.3	1.0	2.0
K06-2087 RR	1.4	2.8	1.0	1.0	1.0	1.3
K06-2204 RR	1.2	2.0	1.0	1.0	1.0	1.0
K06-2386 RR	1.6	2.5	1.3	1.3	1.3	1.7
K06-2489 RR	1.5	2.8	1.3	1.0	1.3	2.0
K06-3958 RR	1.3	2.5	1.0	1.0	1.0	1.0
K06-4078 RR	1.9	3.0	1.5	1.8	1.7	2.7
SS05-6779	1.2	1.5	1.0	1.0	1.0	1.3
SS05-7367	1.1	1.8	1.0	1.0	1.0	1.0
SS05-7541	1.2	2.3	1.0	1.0	1.3	1.0
SS05-9971	1.3	2.5	1.0	1.0	1.0	1.3
SS05-10595	1.4	3.0	1.3	1.5	1.0	1.7
SS05-10742	1.6	3.0	1.0	1.3	1.0	2.7
U05-802055R	1.1	1.5	1.0	1.0	1.0	1.0
U05-810075R	1.1	2.3	1.0	1.0	1.0	1.0
U05-826081R	1.2	2.0	1.0	1.0	1.0	1.0
U05-830006R	1.3	2.3	1.0	1.0	1.0	1.0
U05-832063R	1.2	1.5	1.3	1.0	1.0	1.0
U05-833072R	1.2	1.5	1.0	1.0	1.0	1.0
U05-834075R	1.0	1.0	1.3	1.0	1.0	1.0

PRELIMINARY TEST III Roundup-Ready, 2008

LODGING (score)

Strain	Ottawa KS	Columbia MO	Dewitt NE	Lincoln NE	North Bend NE
U03-827101 (SCN)	1.0	1.0	1.0		1.0
NEX2905A0R (E)	1.0	1.0	1.0		2.0
AG3504	1.0	2.5	1.0		1.0
DKB3852 (SCN)	1.0	2.0	1.0		1.0
CL03-51274	1.0	1.5	1.0		1.0
CL04-101132	1.0	1.5	1.0		1.0
CL05-54312	1.0	2.0	1.0		1.0
CL05-182241	1.0	2.5	1.0		1.0
K06-2073 RR	1.0	4.0	1.0		1.0
K06-2087 RR	1.0	2.5	1.0		1.0
K06-2204 RR	1.0	1.5	1.0		1.0
K06-2386 RR	1.0	3.5	1.0		1.0
K06-2489 RR	1.0	2.5	1.0		1.0
K06-3958 RR	1.0	2.0	1.0		1.0
K06-4078 RR	1.0	3.5	1.0		1.0
SS05-6779	1.0	2.0	1.0		1.0
SS05-7367	1.0	1.0	1.0		1.0
SS05-7541	1.0	1.5	1.0		1.0
SS05-9971	1.0	1.5	1.0		1.0
SS05-10595	1.0	1.5	1.0		1.0
SS05-10742	1.0	2.5	1.0		1.0
U05-802055R	1.0	1.0	1.0		1.0
U05-810075R	1.0	1.0	1.0		1.0
U05-826081R	1.0	1.5	1.0		1.0
U05-830006R	1.0	2.0	1.0		1.0
U05-832063R	1.0	2.0	1.0		1.0
U05-833072R	1.0	2.0	1.0		1.0
U05-834075R	1.0	1.0	1.0		1.0

PRELIMINARY TEST III Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Mean 7 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
U03-827101 (SCN)	33	36	33	37	35	30
NEX2905A0R (E)	29	30	33	34	31	30
AG3504	36	38	38	39	38	36
DKB3852 (SCN)	34	36	35	35	36	35
CL03-51274	34	40	37	40	34	35
CL04-101132	35	38	38	37	35	37
CL05-54312	34	35	37	36	35	35
CL05-182241	34	37	39	38	34	32
K06-2073 RR	40	46	43	43	40	39
K06-2087 RR	35	40	37	41	35	37
K06-2204 RR	35	40	38	38	35	34
K06-2386 RR	37	37	41	41	37	36
K06-2489 RR	38	43	40	41	39	38
K06-3958 RR	34	37	34	39	36	34
K06-4078 RR	39	41	41	41	39	41
SS05-6779	33	36	37	38	34	34
SS05-7367	36	39	39	39	37	35
SS05-7541	34	38	37	39	35	35
SS05-9971	35	39	38	37	37	36
SS05-10595	38	44	42	43	41	38
SS05-10742	32	37	33	35	34	33
U05-802055R	30	30	29	33	32	30
U05-810075R	32	35	31	32	35	33
U05-826081R	35	39	35	39	35	34
U05-830006R	34	36	35	38	37	35
U05-832063R	33	35	35	38	34	32
U05-833072R	36	40	38	40	38	34
U05-834075R	31	31	34	36	31	30

PRELIMINARY TEST III Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Ottawa KS	Columbia MO	Dewitt NE	Lincoln NE	North Bend NE
U03-827101 (SCN)	28	29			
NEX2905A0R (E)	28	19			
AG3504	32	32			
DKB3852 (SCN)	28	30			
CL03-51274	31	23			
CL04-101132	29	32			
CL05-54312	28	30			
CL05-182241	27	32			
K06-2073 RR	32	38			
K06-2087 RR	30	26			
K06-2204 RR	29	31			
K06-2386 RR	32	36			
K06-2489 RR	35	32			
K06-3958 RR	31	26			
K06-4078 RR	32	36			
SS05-6779	28	28			
SS05-7367	31	30			
SS05-7541	30	26			
SS05-9971	31	27			
SS05-10595	35	27			
SS05-10742	27	28			
U05-802055R	29	24			
U05-810075R	29	30			
U05-826081R	30	32			
U05-830006R	30	29			
U05-832063R	26	34			
U05-833072R	33	31			
U05-834075R	28	23			

PRELIMINARY TEST III Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Mean 10 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
U03-827101 (SCN)	15.3	15.9	16.4	15.4	16.2	15.1
NEX2905A0R (E)	12.5	12.1	12.9	12.6	13.0	12.4
AG3504	15.0	15.1	15.8	15.0	15.9	15.5
DKB3852 (SCN)	14.2	14.1	15.5	12.6	15.4	15.1
CL03-51274	17.0	18.1	18.0	16.5	18.1	17.4
CL04-101132	13.2	13.0	13.2	14.7	13.0	13.0
CL05-54312	14.4	14.4	15.4	13.5	13.8	15.2
CL05-182241	16.0	16.4	17.5	16.4	16.6	15.9
K06-2073 RR	13.9	13.9	13.9	13.4	14.3	14.7
K06-2087 RR	12.6	12.9	12.8	12.2	12.8	13.9
K06-2204 RR	14.1	14.8	13.9	13.1	14.3	14.8
K06-2386 RR	14.6	13.9	14.5	14.4	16.1	14.7
K06-2489 RR	13.8	14.0	14.8	13.9	13.6	15.0
K06-3958 RR	14.2	13.4	13.5	13.0	14.9	14.7
K06-4078 RR	13.1	12.0	12.5	10.9	14.6	15.0
SS05-6779	15.1	15.3	15.7	14.8	15.8	15.2
SS05-7367	13.8	14.4	13.7	13.4	14.7	15.0
SS05-7541	14.2	15.2	14.2	13.5	14.3	14.1
SS05-9971	14.0	12.8	13.0	12.3	15.8	15.8
SS05-10595	13.2	13.1	13.7	12.7	14.7	13.3
SS05-10742	15.1	15.9	14.6	15.1	16.6	15.7
U05-802055R	15.7	14.4	15.6	16.5	15.6	15.4
U05-810075R	14.5	13.5	13.5	14.2	14.9	16.5
U05-826081R	14.0	14.0	14.0	14.0	14.5	14.9
U05-830006R	14.6	14.6	14.8	14.4	14.5	15.8
U05-832063R	13.5	12.4	12.7	12.3	14.4	13.9
U05-833072R	14.2	13.7	14.4	14.8	15.8	15.1
U05-834075R	14.2	13.1	14.7	14.1	15.0	15.7

PRELIMINARY TEST III Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Ottawa KS	Columbia MO	Dewitt NE	Lincoln NE	North Bend NE
U03-827101 (SCN)	15.8	12.0	14.0	17.3	15.2
NEX2905A0R (E)	12.9	10.0	13.4	13.5	12.1
AG3504	15.6	12.0	13.5	17.1	14.2
DKB3852 (SCN)	15.2	13.0	13.0	15.0	13.5
CL03-51274	18.4	14.0	15.6	18.1	15.6
CL04-101132	14.2	12.0	12.4	14.9	12.0
CL05-54312	14.3	13.0	14.1	15.7	14.7
CL05-182241	17.7	14.0	13.5	17.3	14.8
K06-2073 RR	14.0	13.0	12.7	15.5	13.5
K06-2087 RR	12.5	12.0	11.9	13.2	12.3
K06-2204 RR	14.9	13.0	13.2	15.3	13.6
K06-2386 RR	16.5	12.0	13.3	16.8	14.1
K06-2489 RR	14.3	12.0	12.4	14.9	13.2
K06-3958 RR	15.1	13.0	13.1	16.6	14.6
K06-4078 RR	14.1	13.0	12.3	14.5	12.5
SS05-6779	15.8	13.0	13.7	16.9	15.2
SS05-7367	14.7	11.0	12.2	16.0	13.3
SS05-7541	15.1	11.0	13.7	16.4	14.0
SS05-9971	16.8	11.0	13.0	15.5	14.4
SS05-10595	14.9	11.0	12.1	14.1	12.7
SS05-10742	15.3	13.0	14.0	16.5	14.4
U05-802055R	16.0	15.0	15.6	16.6	16.3
U05-810075R	15.5	13.0	13.5	16.2	14.4
U05-826081R	14.1	12.0	13.4	15.7	13.8
U05-830006R	15.3	13.0	13.3	16.1	14.4
U05-832063R	14.7	13.0	12.6	15.2	13.4
U05-833072R	14.3	12.0	13.3	15.4	13.7
U05-834075R	13.9	13.0	13.6	15.6	13.4

PRELIMINARY TEST III Roundup-Ready, 2008

SEED QUALITY (score)

Strain	Mean 7 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
U03-827101 (SCN)	1.7	2.0	1.0	1.0	2.0	3.0
NEX2905A0R (E)	1.8	1.0	1.0	1.5	2.0	3.0
AG3504	1.4	1.0	1.0	1.0	2.0	2.0
DKB3852 (SCN)	1.8	2.0	1.0	1.5	2.0	2.0
CL03-51274	1.9	1.0	1.5	1.0	2.0	4.0
CL04-101132	1.9	2.0	1.0	1.0	2.0	3.0
CL05-54312	1.6	1.0	1.0	1.0	2.0	3.0
CL05-182241	1.5	1.0	1.5	1.0	2.0	2.0
K06-2073 RR	1.4	1.0	1.0	1.0	2.0	2.0
K06-2087 RR	1.6	1.0	1.0	1.0	2.0	2.0
K06-2204 RR	1.6	1.0	1.0	1.0	2.0	2.0
K06-2386 RR	1.4	1.0	1.0	1.0	2.0	2.0
K06-2489 RR	1.6	1.0	1.0	1.0	2.0	3.0
K06-3958 RR	1.6	1.0	1.0	1.0	2.0	3.0
K06-4078 RR	1.6	1.0	1.0	1.5	3.0	3.0
SS05-6779	1.7	1.0	1.0	1.0	2.0	3.0
SS05-7367	1.7	2.0	1.0	1.0	2.0	2.0
SS05-7541	1.9	2.0	1.0	1.0	2.0	3.0
SS05-9971	1.6	1.0	1.0	1.0	2.0	2.0
SS05-10595	1.6	1.0	1.0	1.0	2.0	3.0
SS05-10742	1.6	1.0	1.0	1.5	2.0	3.0
U05-802055R	2.1	2.0	1.5	1.5	2.0	3.0
U05-810075R	1.8	1.0	1.0	1.5	2.0	2.0
U05-826081R	1.4	1.0	1.0	1.0	1.0	2.0
U05-830006R	1.9	1.0	1.5	1.5	2.0	3.0
U05-832063R	1.4	1.0	1.0	1.0	2.0	2.0
U05-833072R	1.8	1.0	1.5	1.0	2.0	3.0
U05-834075R	1.5	1.0	1.0	1.5	1.0	2.0

PRELIMINARY TEST III Roundup-Ready, 2008**SEED QUALITY (score)**

Strain	Ottawa KS	Columbia MO	Dewitt NE	Lincoln NE	North Bend NE
U03-827101 (SCN)	2.0	1.0			
NEX2905A0R (E)	2.0	2.0			
AG3504	2.0	1.0			
DKB3852 (SCN)	2.0	2.0			
CL03-51274	3.0	1.0			
CL04-101132	2.0	2.0			
CL05-54312	2.0	1.0			
CL05-182241	2.0	1.0			
K06-2073 RR	2.0	1.0			
K06-2087 RR	2.0	2.0			
K06-2204 RR	2.0	2.0			
K06-2386 RR	2.0	1.0			
K06-2489 RR	2.0	1.0			
K06-3958 RR	2.0	1.0			
K06-4078 RR	1.0	1.0			
SS05-6779	2.0	2.0			
SS05-7367	2.0	2.0			
SS05-7541	2.0	2.0			
SS05-9971	3.0	1.0			
SS05-10595	2.0	1.0			
SS05-10742	2.0	1.0			
U05-802055R	2.0	3.0			
U05-810075R	2.0	3.0			
U05-826081R	2.0	2.0			
U05-830006R	2.0	2.0			
U05-832063R	2.0	1.0			
U05-833072R	2.0	2.0			
U05-834075R	2.0	2.0			

PRELIMINARY TEST III Roundup-Ready, 2008

PROTEIN (%)

Strain	Mean 5 Tests	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Columbia MO
U03-827101 (SCN)	35.0	34.0	35.0	34.9	36.3	34.8
NEX2905A0R (E)	34.0	31.2	34.5	33.9	36.4	34.0
AG3504	35.2	33.0	35.5	35.7	36.5	35.2
DKB3852 (SCN)	33.8	32.5	34.2	32.9	35.5	34.0
CL03-51274	35.5	34.2	35.8	34.5	37.2	36.0
CL04-101132	35.1	34.8	34.6	34.4	37.2	34.6
CL05-54312	34.4	32.9	34.2	34.4	36.6	34.0
CL05-182241	34.8	33.2	35.6	34.3	36.4	34.5
K06-2073 RR	33.6	32.3	33.8	32.4	35.8	33.9
K06-2087 RR	33.2	31.4	33.1	32.9	34.8	33.8
K06-2204 RR	34.4	32.3	34.0	34.6	35.9	35.0
K06-2386 RR	32.9	31.2	32.5	32.0	35.8	33.1
K06-2489 RR	35.1	33.6	35.8	34.0	37.2	34.9
K06-3958 RR	34.6	33.0	34.3	33.5	37.6	34.6
K06-4078 RR	32.2	32.4	31.3	31.3	34.8	31.3
SS05-6779	34.0	32.5	34.0	33.4	36.0	33.8
SS05-7367	33.6	31.7	33.3	34.4	35.2	33.2
SS05-7541	33.7	31.5	33.8	32.6	35.5	35.0
SS05-9971	34.7	32.8	35.3	34.7	36.7	33.9
SS05-10595	34.3	32.6	34.6	33.3	36.6	34.3
SS05-10742	35.4	36.0	34.7	34.9	36.9	34.2
U05-802055R	34.7	32.2	33.7	34.8	36.6	36.2
U05-810075R	34.3	32.3	34.0	34.2	36.5	34.3
U05-826081R	33.5	31.8	34.6	33.1	35.2	32.9
U05-830006R	34.4	32.1	35.4	33.6	36.5	34.2
U05-832063R	33.1	31.8	32.4	32.3	34.7	34.2
U05-833072R	33.6	31.9	33.8	33.2	35.3	33.9
U05-834075R	35.2	32.5	34.8	34.7	36.6	37.1

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST III Roundup-Ready, 2008

OIL (%)

Strain	Mean 5 Tests	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Columbia MO
U03-827101 (SCN)	17.4	18.1	17.4	18.3	16.2	17.1
NEX2905A0R (E)	18.7	20.2	18.8	18.7	18.2	17.9
AG3504	17.8	18.5	18.8	18.3	16.9	16.5
DKB3852 (SCN)	18.4	19.3	18.4	19.0	17.6	18.0
CL03-51274	17.2	18.1	17.2	17.2	16.2	17.0
CL04-101132	18.0	19.4	18.1	18.2	16.7	17.6
CL05-54312	17.8	19.4	18.9	17.7	16.0	17.0
CL05-182241	17.4	18.6	17.5	18.0	15.8	17.2
K06-2073 RR	18.7	19.3	18.7	19.0	18.0	18.6
K06-2087 RR	18.5	19.1	18.7	18.5	17.6	18.6
K06-2204 RR	18.1	18.8	17.8	18.4	17.3	18.0
K06-2386 RR	18.7	19.6	18.7	18.9	17.3	18.8
K06-2489 RR	17.8	18.1	18.6	18.2	15.5	18.7
K06-3958 RR	17.3	18.8	17.5	17.6	15.7	16.9
K06-4078 RR	18.8	19.7	19.2	19.1	17.5	18.4
SS05-6779	18.3	19.2	18.5	18.5	17.3	18.1
SS05-7367	18.5	19.1	18.5	19.1	17.3	18.3
SS05-7541	18.0	18.9	18.2	18.7	16.7	17.7
SS05-9971	18.3	18.9	18.9	17.9	17.7	18.0
SS05-10595	18.0	18.4	17.5	18.2	18.1	17.6
SS05-10742	18.1	19.1	18.3	18.4	17.3	17.6
U05-802055R	18.6	19.9	19.0	18.9	17.8	17.4
U05-810075R	18.2	18.9	18.3	18.3	17.1	18.4
U05-826081R	18.5	19.2	18.8	18.6	17.5	18.6
U05-830006R	18.3	18.9	18.5	18.6	17.0	18.5
U05-832063R	18.0	19.4	18.1	17.8	17.1	17.6
U05-833072R	18.8	19.8	19.1	19.2	17.9	17.9
U05-834075R	17.9	19.3	18.1	17.9	16.8	17.3

Uniform Test IV Roundup-Ready, 2008

Ent.	Strain	Parentage	Seed Source	Previous Testing	Gen. Comp.	Unique Traits
1.	AG4103	na	Monsanto	1		RR
2.	DKB3852 (SCN)	na	Monsanto	4		RR, SCN
3.	AG4403 (SCN)	na	Monsanto	4		RR, SCN
4.	K05-2279 RR	K00-85 x K97-132	Schapaugh	UTIIIR	F5	
5.	K05-2643 RR	U98-311442 x K97-132	Schapaugh	UTIIIR	F5	
6.	K05-2664 RR	U98-311442 x K1539RR	Schapaugh	UTIIIR	F5	
7.	K05-2730 RR	U98-307917 x K1539RR	Schapaugh	UTIIIR	F5	
8.	K05-4184 RR	U98-311422 x K03W-106	Schapaugh	1	F5	
9.	K06-2776 RR	K00-72RR-2584 x SDX00R-39-42RR	Schapaugh	new	F4	STS Resistant
10.	K06-3862 RR	IA3023 x K1594RR	Schapaugh	new	F4	
11.	K06-3876 RR	IA3023 x K1594RR	Schapaugh	new	F4	
12.	K06-3879 RR	IA3023 x K1594RR	Schapaugh	new	F4	
13.	K06-3924 RR	K00-74-2421 x K1594RR	Schapaugh	new	F4	

UNIFORM TEST IV Roundup-Ready, 2008

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>		<u>FE</u>	<u>SDS</u>
		Score Jackson TN	Score Manhattan KS	Lafayette Race 4	Race 7	Laf. a rx.	DX Valmeyer IL
AG4103	WGTDYBfI	2.0	1.0	R	R	S	17
DKB3852	WGTDYLbfI	2.0	2.0	R	R	S	46
AG4403	PTTDYBLI	2.0	1.0	S	S	S	17
K05-2279 RR	WTTDYBrI	2.3	1.0	S	S	S	54
K05-2643 RR	PGTDYLbfI	1.5	1.0	S	S	S	76
K05-2664 RR	WGTDYLbfI	1.8	1.0	S	S	S	61
K05-2730 RR	WLtTBDYLBrI	2.3	1.0	S	S	-	83
K05-4184 RR	PGTDYIbI	2.7	1.0	S	S	S	17
K06-2776 RR	PTBDYBII	2.0	1.0	R*	R*	S	67
K06-3862 RR	P+WLtTTDYBrI	2.0	1.0	S	S	-	61
K06-3876 RR	PTTDYBrI	2.5	1.0	S	S	S	67
K06-3879 RR	P+WTTDYBrI	2.3	2.0	S	S	S	61
K06-3924 RR	WTTDYBrI	2.2	1.0	S	S	S	61

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST IV Roundup-Ready, 2008

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	11 bu/a	11 No.	11 Date	12 Score	12 In.	11 g/100	11 Score	5 Protein %	5 Oil %
AG4103	51.2	8	9/29	1.5	32	14.8	2.1	33.7	19.1
DKB3852 (SCN)	51.4	6	-2.5	1.1	30	13.8	2.0	34.0	19.0
AG4403 (SCN)	53.9	3	2.9	1.4	34	14.0	1.9	32.9	19.5
K05-2279 RR	50.5	10	0.2	1.3	29	15.3	1.9	34.5	18.8
K05-2643 RR	49.0	12	2.7	1.3	32	13.5	1.8	34.4	19.1
K05-2664 RR	51.4	6	1.1	1.1	28	14.9	2.0	35.1	19.0
K05-2730 RR	51.7	4	-2.8	1.4	30	15.4	2.2	33.8	20.0
K05-4184 RR	54.0	2	1.8	1.3	29	14.5	2.1	33.5	19.0
K06-2776 RR	49.0	12	2.0	1.7	34	13.8	1.7	33.3	19.3
K06-3862 RR	54.8	1	2.4	1.3	31	16.9	1.7	33.7	19.2
K06-3876 RR	50.6	9	1.8	1.4	32	14.2	2.1	33.7	19.0
K06-3879 RR	51.5	5	2.1	1.6	35	15.0	1.8	34.2	19.5
K06-3924 RR	49.7	11	-2.5	1.4	32	14.2	2.0	34.6	18.0

124.6 Days After Planting

UNIFORM TEST IV Roundup-Ready, 2008

2007-2008 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	22 bu/a	22 No.	23 Date	25 Score	25 In.	24 g/100	24 Score	11 Protein %	11 Oil %
AG4103	51.8	2	9/26	1.5	34	13.9	2.0	34.0	18.9
DKB3852 (SCN)	50.3	4	-2.5	1.1	31	13.2	2.0	33.9	19.2
AG4403 (SCN)	51.8	2	3.2	1.3	36	13.1	1.9	33.1	19.6
K05-4184 RR	52.3	1	1.9	1.2	31	13.7	2.1	33.2	18.8

126.0 Days After Planting

UNIFORM TEST IV Roundup-Ready, 2008

YIELD (bu/a)

Strain	Mean	Belleville IL	Harrisburg IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
	11 Tests						
AG4103	51.2	59.3	86.5	60.5	47.1	55.8	34.8
DKB3852 (SCN)	51.4	58.5	80.1	54.9	48.8	55.9	36.3
AG4403 (SCN)	53.9	61.7	77.7	61.8	47.5	56.0	33.5
K05-2279 RR	50.5	41.7	81.3	50.1	48.9	49.4	33.8
K05-2643 RR	49.0	42.0	63.0	57.4	50.7	46.8	32.8
K05-2664 RR	51.4	53.0	72.3	59.5	46.1	48.0	31.2
K05-2730 RR	51.7	54.6	81.5	58.3	54.0	54.8	34.8
K05-4184 RR	54.0	61.8	83.6	63.3	50.4	55.8	36.5
K06-2776 RR	49.0	49.9	64.1	51.1	46.0	47.6	32.5
K06-3862 RR	54.8	51.2	81.4	58.8	52.8	54.8	35.5
K06-3876 RR	50.6	51.8	72.9	52.4	50.6	48.2	33.6
K06-3879 RR	51.5	52.3	67.3	53.9	53.6	45.9	32.7
K06-3924 RR	49.7	45.9	73.9	51.7	50.0	50.9	32.3
Location Mean		52.6	75.8	56.4	49.7	51.5	33.9
C.V. (%)		13.8	3.3	6.7	3.0	7.0	6.3
L.S.D. (5%)		12.2	4.2	6.4	2.5	6.0	3.6
Row Sp. (In.)		30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		3	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST IV Roundup-Ready, 2008

YIELD RANK

Strain	Yield Rank	Belleville IL	Harrisburg IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4103	8	3	1	3	11	3	4
DKB3852 (SCN)	6	4	6	8	9	2	2
AG4403 (SCN)	3	2	7	2	10	1	8
K05-2279 RR	10	14	5	13	8	8	6
K05-2643 RR	12	13	14	7	4	12	9
K05-2664 RR	6	6	11	4	12	10	13
K05-2730 RR	4	5	3	6	1	5	4
K05-4184 RR	2	1	2	1	6	3	1
K06-2776 RR	12	11	13	12	13	11	11
K06-3862 RR	1	10	4	5	3	5	3
K06-3876 RR	9	9	10	10	5	9	7
K06-3879 RR	5	8	12	9	2	13	10
K06-3924 RR	11	12	9	11	7	7	12

UNIFORM TEST IV Roundup-Ready, 2008

YIELD (bu/a)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson* TN
AG4103	34.4	45.2	52.3	53.3	33.9	33.6
DKB3852 (SCN)	38.9	51.6	42.3	51.0	47.6	22.6
AG4403 (SCN)	30.9	45.3	46.0	56.0	76.0	30.9
K05-2279 RR	38.0	46.5	57.1	46.9	61.4	34.4
K05-2643 RR	31.0	45.8	58.0	47.6	63.4	26.0
K05-2664 RR	34.3	51.3	54.3	51.0	64.2	29.1
K05-2730 RR	35.6	52.4	39.8	46.5	56.6	25.8
K05-4184 RR	33.3	49.2	43.7	52.7	63.7	26.5
K06-2776 RR	31.7	46.6	49.3	53.5	66.3	30.7
K06-3862 RR	30.3	47.6	58.0	61.5	71.3	27.3
K06-3876 RR	32.8	41.8	56.9	55.4	60.7	23.6
K06-3879 RR	33.8	42.7	59.8	60.1	63.9	26.4
K06-3924 RR	34.4	43.1	59.8	48.7	56.1	30.9
Location Mean	33.8	46.9	52.1	52.6	60.4	28.3
C.V. (%)	8.9	7.1	10.2	10.8	5.7	15.4
L.S.D. (5%)	4.2	5.6	7.4	9.6	5.8	7.0
Row Sp. (In.)	16	24	30	30	30	30
Rows/Plot	6	4	4	4	4	4
Reps	3	3	3	3	3	3

UNIFORM TEST IV Roundup-Ready, 2008

YIELD RANK

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	4	45	8	6	14	2
DKB3852 (SCN)	1	52	12	8	13	13
AG4403 (SCN)	12	45	10	3	1	3
K05-2279 RR	2	47	5	12	9	1
K05-2643 RR	11	46	3	11	8	10
K05-2664 RR	6	51	7	8	45	6
K05-2730 RR	3	52	13	13	11	11
K05-4184 RR	8	49	11	7	7	8
K06-2776 RR	10	47	9	5	3	5
K06-3862 RR	13	48	3	1	2	7
K06-3876 RR	9	42	6	4	10	12
K06-3879 RR	7	43	1	2	6	9
K06-3924 RR	4	43	1	10	12	3

UNIFORM TEST IV Roundup-Ready, 2008

MATURITY (date)

Strain	Mean	Belleville IL	Harrisburg IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
	11 Tests						
AG4103	9/29	10/7	9/23	10/4	10/14	10/11	
DKB3852 (SCN)	-2.5	-3	-3	-3	-1	-4	
AG4403 (SCN)	2.9	4	4	3	1	2	
K05-2279 RR	0.2	-2	2	-2	0	-1	
K05-2643 RR	2.7	-2	3	6	1	-0	
K05-2664 RR	1.1	-1	-1	6	1	0	
K05-2730 RR	-2.8	-3	-1	-6	-3	-3	
K05-4184 RR	1.8	3	3	8	1	2	
K06-2776 RR	2.0	3	1	-2	3	-1	
K06-3862 RR	2.4	-1	3	1	2	3	
K06-3876 RR	1.8	-2	3	0	1	-1	
K06-3879 RR	2.1	1	4	-2	1	0	
K06-3924 RR	-2.5	-4	-2	-6	-2	-3	
Date Planted	5/27	6/14	5/20	5/22	6/10	6/17	
Days to Mature	125	115	126	135	126	116	

UNIFORM TEST IV Roundup-Ready, 2008

LODGING (score)

Strain	Mean	Belleville IL	Harrisburg IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
	12 Tests						
AG4103	1.5	2.3	1.2	1.0	1.3	2.0	1.0
DKB3852 (SCN)	1.1	1.7	1.0	1.0	1.0	1.0	1.0
AG4403 (SCN)	1.4	2.0	1.5	1.0	1.0	1.7	1.0
K05-2279 RR	1.3	1.7	1.5	1.0	1.3	1.0	1.0
K05-2643 RR	1.3	1.7	2.3	1.0	1.0	1.3	1.0
K05-2664 RR	1.1	1.7	1.0	1.0	1.0	1.0	1.0
K05-2730 RR	1.4	2.7	1.7	1.3	1.3	2.3	1.0
K05-4184 RR	1.3	1.7	2.0	1.0	1.0	1.3	1.0
K06-2776 RR	1.7	2.7	2.3	1.3	1.7	1.7	1.0
K06-3862 RR	1.3	1.7	1.7	1.0	1.0	1.7	1.0
K06-3876 RR	1.4	2.0	1.5	1.0	1.0	1.0	1.0
K06-3879 RR	1.6	2.0	3.0	1.3	2.0	1.3	1.0
K06-3924 RR	1.4	2.0	2.0	1.5	1.0	1.0	1.0

UNIFORM TEST IV Roundup-Ready, 2008

MATURITY (date)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	9/15	10/6	10/1	10/5	9/14	9/13
DKB3852 (SCN)	-3	0	-2	-4	0	-4
AG4403 (SCN)	0	0	1	0	8	9
K05-2279 RR	4	0	1	-6	1	5
K05-2643 RR	0	2	3	0	8	9
K05-2664 RR	0	2	-1	-1	3	4
K05-2730 RR	-7	1	-3	-4	-1	-1
K05-4184 RR	-3	3	-1	-1	1	4
K06-2776 RR	2	1	2	1	4	8
K06-3862 RR	0	2	3	1	6	6
K06-3876 RR	4	1	2	-3	8	6
K06-3879 RR	4	1	2	1	4	7
K06-3924 RR	2	0	-3	-6	-2	-1
Date Planted	5/7	6/13	5/20	5/31	5/8	5/19
Days to Mature	131	115	134	127	129	117

UNIFORM TEST IV Roundup-Ready, 2008

LODGING (score)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	1.0	1.0	1.3	2.0	3.0	1.0
DKB3852 (SCN)	1.0	1.0	1.0	1.0	2.0	1.0
AG4403 (SCN)	1.0	1.0	1.0	2.0	2.0	1.0
K05-2279 RR	1.0	1.0	1.0	2.0	1.0	1.7
K05-2643 RR	1.0	1.0	1.3	2.0	1.0	1.3
K05-2664 RR	1.0	1.0	1.0	2.0	1.0	1.0
K05-2730 RR	1.0	1.0	1.0	1.0	2.0	1.0
K05-4184 RR	1.0	1.0	1.3	2.0	1.0	1.0
K06-2776 RR	1.0	1.0	2.0	2.0	2.0	2.0
K06-3862 RR	1.0	1.0	1.0	2.0	1.0	1.3
K06-3876 RR	1.0	1.0	1.7	2.0	2.0	1.0
K06-3879 RR	1.0	1.0	2.0	2.0	2.0	1.0
K06-3924 RR	1.0	1.0	1.7	1.0	2.0	1.0

UNIFORM TEST IV Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Mean 12 Tests	Belleville IL	Harrisburg IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4103	32	31	44	34	39	38	32
DKB3852 (SCN)	30	33	41	28	36	36	29
AG4403 (SCN)	34	33	48	32	40	37	31
K05-2279 RR	29	25	38	28	31	33	26
K05-2643 RR	32	29	42	33	37	35	29
K05-2664 RR	28	27	41	28	34	30	25
K05-2730 RR	30	26	42	33	36	35	28
K05-4184 RR	29	29	42	33	35	35	29
K06-2776 RR	34	28	46	37	40	39	34
K06-3862 RR	31	29	42	32	36	34	28
K06-3876 RR	32	32	44	33	38	35	29
K06-3879 RR	35	33	49	37	39	39	33
K06-3924 RR	32	28	42	33	38	36	30

UNIFORM TEST IV Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Mean 11 Tests	Belleville IL	Harrisburg IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4103	14.8	14.0	14.3	15.1	14.5	14.3	18.4
DKB3852 (SCN)	13.8	13.3	13.2	14.4	14.1	14.1	17.8
AG4403 (SCN)	14.0	13.0	12.7	13.8	15.7	16.0	16.9
K05-2279 RR	15.3	13.9	15.3	14.6	16.8	15.5	19.9
K05-2643 RR	13.5	11.9	12.4	13.8	13.5	13.1	17.2
K05-2664 RR	14.9	14.0	13.6	16.5	17.4	14.9	18.2
K05-2730 RR	15.4	14.3	14.6	14.8	15.6	15.9	17.7
K05-4184 RR	14.5	13.7	13.7	13.8	14.8	14.8	17.6
K06-2776 RR	13.8	13.5	12.6	13.5	15.5	13.7	17.5
K06-3862 RR	16.9	15.3	16.5	15.8	18.6	17.8	19.1
K06-3876 RR	14.2	13.1	13.5	13.1	15.5	14.9	16.6
K06-3879 RR	15.0	13.8	14.0	15.4	16.5	16.4	16.9
K06-3924 RR	14.2	13.4	13.7	13.5	15.6	15.1	16.7

UNIFORM TEST IV Roundup-Ready, 2008

PLANT HEIGHT (inches)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	28	25	30	22	34	27
DKB3852 (SCN)	26	25	27	21	30	22
AG4403 (SCN)	29	27	34	25	43	30
K05-2279 RR	28	22	29	25	37	25
K05-2643 RR	27	25	33	24	42	26
K05-2664 RR	26	21	25	24	33	23
K05-2730 RR	27	25	26	20	33	26
K05-4184 RR	24	22	18	29	31	23
K06-2776 RR	32	28	31	25	42	30
K06-3862 RR	28	26	31	22	38	28
K06-3876 RR	29	27	34	21	40	28
K06-3879 RR	33	30	33	27	42	28
K06-3924 RR	29	26	34	24	40	27

UNIFORM TEST IV Roundup-Ready, 2008

SEED SIZE (g/100)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	12.4		14.0	17.3	14.8	13.5
DKB3852 (SCN)	12.0		13.0	15.0	13.2	12.0
AG4403 (SCN)	10.2		13.0	15.2	14.5	13.1
K05-2279 RR	12.6		13.0	16.1	15.8	14.4
K05-2643 RR	10.9		12.0	15.7	14.6	13.7
K05-2664 RR	12.2		13.0	16.3	14.3	13.8
K05-2730 RR	12.3		15.0	18.3	16.2	14.7
K05-4184 RR	12.5		13.0	17.4	15.0	13.1
K06-2776 RR	10.9		14.0	15.0	13.0	12.8
K06-3862 RR	12.7		16.0	19.0	18.7	16.0
K06-3876 RR	11.7		14.0	15.4	15.1	12.8
K06-3879 RR	12.7		14.0	16.6	15.5	13.0
K06-3924 RR	11.6		13.0	16.5	14.5	12.5

UNIFORM TEST IV Roundup-Ready, 2008

SEED QUALITY (score)

Strain	Mean	Belleville IL	Harrisburg IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
	11 Tests						
AG4103	2.1	1.0	1.0	1.5	3.0	2.0	2.0
DKB3852 (SCN)	2.0	1.0	1.0	1.5	3.0	2.0	2.0
AG4403 (SCN)	1.9	1.0	1.0	1.0	2.0	1.0	2.0
K05-2279 RR	1.9	1.0	1.0	1.0	2.0	2.0	2.0
K05-2643 RR	1.8	1.0	1.0	1.0	2.0	2.0	2.0
K05-2664 RR	2.0	1.0	1.0	1.0	3.0	3.0	1.0
K05-2730 RR	2.2	1.0	1.0	1.0	3.0	2.0	2.0
K05-4184 RR	2.1	1.0	1.0	1.0	2.0	2.0	2.0
K06-2776 RR	1.7	2.0	1.0	1.0	2.0	2.0	2.0
K06-3862 RR	1.7	1.0	1.0	1.0	2.0	2.0	2.0
K06-3876 RR	2.1	1.0	1.0	1.0	2.0	2.0	3.0
K06-3879 RR	1.8	1.0	1.0	1.0	1.0	1.0	2.0
K06-3924 RR	2.0	1.0	1.0	1.0	2.0	2.0	2.0

UNIFORM TEST IV Roundup-Ready, 2008**SEED QUALITY (score)**

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	2.0		2.0	4.0	3.0	2.0
DKB3852 (SCN)	2.0		2.0	3.0	3.0	2.0
AG4403 (SCN)	2.0		2.0	4.0	3.0	2.0
K05-2279 RR	2.0		2.0	3.0	3.0	2.3
K05-2643 RR	1.0		2.0	3.0	3.0	1.5
K05-2664 RR	2.0		2.0	3.0	3.0	1.8
K05-2730 RR	3.0		1.0	4.0	4.0	2.3
K05-4184 RR	2.0		1.0	4.5	4.0	2.7
K06-2776 RR	1.0		1.0	2.0	3.0	2.0
K06-3862 RR	1.0		1.0	3.0	3.0	2.0
K06-3876 RR	2.0		2.0	4.0	3.0	2.5
K06-3879 RR	2.0		1.0	3.0	4.0	2.3
K06-3924 RR	2.0		2.0	3.0	4.0	2.2

UNIFORM TEST IV Roundup-Ready, 2008**PROTEIN (%)**

Strain	Mean 5 Tests	Lafayette IN	Lexington KY	Columbia MO	Portageville (Loam) MO	Jackson TN
AG4103	33.7	34.2	35.9	33.2	32.3	33.2
DKB3852 (SCN)	34.0	33.6	35.5	34.1	32.9	33.9
AG4403 (SCN)	32.9	33.5	34.8	31.5	32.5	32.4
K05-2279 RR	34.5	34.6	36.6	33.9	34.1	33.5
K05-2643 RR	34.4	35.0	35.8	33.0	34.4	33.6
K05-2664 RR	35.1	35.9	36.6	34.0	34.1	34.7
K05-2730 RR	33.8	34.5	35.2	32.5	33.1	33.6
K05-4184 RR	33.5	33.7	33.9	32.7	33.6	33.4
K06-2776 RR	33.3	34.3	36.1	32.8	31.3	31.9
K06-3862 RR	33.7	32.9	34.5	33.4	33.5	34.3
K06-3876 RR	33.7	33.0	35.2	33.7	33.4	33.3
K06-3879 RR	34.2	34.6	34.9	34.2	33.7	33.8
K06-3924 RR	34.6	34.1	36.3	33.3	34.6	35.0

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST IV Roundup-Ready, 2008**OIL (%)**

Strain	Mean 5 Tests	Lafayette IN	Lexington KY	Columbia MO	Portageville (Loam) MO	Jackson TN
AG4103	19.1	18.4	18.4	18.4	20.4	20.2
DKB3852 (SCN)	19.0	18.9	18.4	17.8	20.1	19.8
AG4403 (SCN)	19.5	18.9	17.6	19.4	20.9	20.7
K05-2279 RR	18.8	18.6	18.0	18.2	18.9	20.2
K05-2643 RR	19.1	18.3	18.1	19.0	19.9	20.4
K05-2664 RR	19.0	18.9	18.0	18.5	19.7	19.9
K05-2730 RR	20.0	19.5	18.6	19.4	21.1	21.3
K05-4184 RR	19.0	17.9	18.7	18.5	19.9	19.9
K06-2776 RR	19.3	19.0	16.8	19.1	20.6	21.0
K06-3862 RR	19.2	19.1	18.3	18.6	20.2	19.6
K06-3876 RR	19.0	18.7	18.1	18.5	19.8	19.8
K06-3879 RR	19.5	19.1	18.4	19.0	20.8	20.1
K06-3924 RR	18.0	17.9	17.0	17.9	19.1	18.0