

# THE UNIFORM SOYBEAN TESTS

## NORTHERN REGION

2005



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](http://www.ars.usda.gov)

# UNIFORM SOYBEAN TESTS

## NORTHERN STATES

2005

USDA-ARS  
Crop Production and Pest Control Research Unit  
Department of Botany and Plant Pathology  
Purdue University  
1915 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.

## 2005 UNIFORM SOYBEAN TESTS NORTHERN STATES

Data Compiled by:

Wad D. Crochet  
Department of Botany and Plant Pathology  
Purdue University, W. Lafayette, IN 47907-1150  
Office phone 765-583-2952  
FAX 765-496-3452

Email: [wcrochet@purdue.edu](mailto:wcrochet@purdue.edu)

[www.agry.purdue.edu/soybean/regionalreport/index.htm](http://www.agry.purdue.edu/soybean/regionalreport/index.htm)

### TABLE OF CONTENTS

Uniform Test Participants, 2005	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 2005	14
Soybean Cyst Nematode Evaluations	15
Identification of Parent Strains 2005	18
Uniform Test Locations 2005	25
Disease, Shattering, and Descriptive Data 2005	27
Uniform Test 00	28
Uniform Test 0	41
Preliminary Test 0	54
Uniform Test I	73
Preliminary Test I	86
Uniform Test II	105
Preliminary Test II	122
Uniform Test III	141
Preliminary Test IIIA	158
Preliminary Test IIIB	177
Uniform Test IV	196
Preliminary Test IV	209
Uniform Test 00-RR	228
Uniform Test 0-RR	240
Preliminary Test 0-RR	252
Uniform Test I-RR	264
Uniform Test II-RR	277
Preliminary Test II-RR	297
Uniform Test III-RR	309
Uniform Test IV-RR	329

### ACKNOWLEDGEMENTS

The cooperation of JoDean Sarins, Amber John, 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 Renae Lehe, Brian Foss, and Richard Smith 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 Soybean Seed Composition and Pest Resistance 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.

## 2005 UNIFORM TEST PARTICIPANTS

### Uniform Test Cooperator:

Gary R. Ablett  
Ridgetown College  
Main Street East  
Ridgetown, Ontario  
Canada NOP 2CO  
Ph: 519-674-1505  
FAX: 519-674-1515  
Email: [gablett@ridgetownc.uoguelph.ca](mailto: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](mailto:abney@purdue.edu)

Prakash R. Arelli, USDA-ARS  
605 Airways Blvd.  
Jackson, TN 38301  
Ph: 731-425-4741  
FAX: 731-425-4760  
Email: [parelli@ars.usda.gov](mailto:parelli@ars.usda.gov)

Al Sloan  
Agriculture and Agri-food Canada  
Morden Research Center  
Unit 100-101 Route 100  
Morden, Manitoba  
Canada R6M 1Y5  
Ph: 204-822-7256  
FAX: 204-822-7207  
Email: [asloan@agr.gc.ca](mailto:asloan@agr.gc.ca)

Glenn R. Buss  
Department of Crop, Soil,  
& Environmental Sciences  
Virginia Polytechnic Institute  
Blacksburg, VA 24061-0404  
Ph: 540-231-9788  
FAX: 540-231-3431  
Email: [gbuss@vt.edu](mailto:gbuss@vt.edu)

E. Cober  
Agriculture & 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  
Email: [coberer@agr.gc.ca](mailto:coberer@agr.gc.ca)

### 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](mailto:dfischer@ridgetownc.uoguelph.ca)

Wad Crochet, USDA-ARS  
USDA Soybean Research Lab.  
4540 Hwy. 52 West  
West Lafayette, IN 47906  
Ph: 765-583-2952 Cell: 765-412-0429  
FAX: 765-496-3452  
Email: [mailto:wcrochet@purdue.edu](mailto:mailto:wcrochet@purdue.edu)

Lisa Fritz, USDA-ARS  
605 Airways Blvd.  
Jackson, TN 38301  
Ph: 731-425-4736  
FAX: 731-425-4760  
Email: [mailto:lfritz@ars.usda.gov](mailto:mailto:lfritz@ars.usda.gov)

R. Guillemette  
Agriculture & 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  
Email: [coberer@agr.gc.ca](mailto:coberer@agr.gc.ca)

## 2005 UNIFORM TEST PARTICIPANTS

### Uniform Test Cooperator:

Rauf M.A. Mian, USDA-ARS  
107-A Williams Hall  
1680 Madison Ave.  
OARDC-OSU  
Wooster, OH 44691  
Ph: 330-263-3672  
FAX: 330-263-3887  
Email: [main.3@osu.edu](mailto:main.3@osu.edu)

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

Brian Diers  
Turner Hall-Agronomy  
1102 S. Goodwin St.  
University of Illinois  
Urbana, IL 61801  
Ph: 217-265-4062  
FAX: 217-265-  
Email: [bdiers@uiuc.edu](mailto: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](mailto:wfehr@iastate.edu)

George L. Graef  
319 Keim Hall  
University of Nebraska  
Lincoln, NE 68583-0915  
Ph: 402-472-1537  
FAX: 402-472-7904  
Email: [ggraef1@unl.edu](mailto:ggraef1@unl.edu)

Ted Helms  
Dept. of Plant Sciences  
North Dakota State University  
Fargo, ND 58105-5051  
Ph: 701-231-8136  
FAX: 701-231-8474  
Email: [ted\\_helms@ndsu.nodak.edu](mailto:ted_helms@ndsu.nodak.edu)

### Technical Contact:

Tim Mendiola, USDA-ARS  
Dept. of Horticulture and Crop Science  
1680 Madison Ave.  
Wooster, OH 44691  
Ph: 330-263-3974  
FAX: 330-263-3887  
Email: [mailto:mendiola.3@osu.edu](mailto:mailto:mendiola.3@osu.edu)

Troy Cary  
Department of Crop Sciences  
1102 South Goodwin Ave.  
University of Illinois  
Urbana, IL 61801  
Ph: 217-244-5138  
FAX: 217-333-9817  
Email: [tcary@uiuc.edu](mailto: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](mailto:kscholbr@iastate.edu)

Les Korte  
Stewart Seed Lab., Room 107  
University of Nebraska  
Lincoln, NE 68583-0827  
Ph: 402-472-6343  
FAX: 402-472-7904  
Email: [lkorte@unlnotes.unl.edu](mailto:lkorte@unlnotes.unl.edu)

Larry Martin  
AES Plant Science  
212B Waldron Hall  
North Dakota State University  
Fargo, ND 58105-5051  
Ph: 701-231-8136  
Email: [larry.martin@ndsu.nodak.edu](mailto:larry.martin@ndsu.nodak.edu)

## 2005 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

---

Bill J. Kenworthy  
Room 1112, H. J. Patterson Hall  
University of Maryland  
College Park, MD 20742-5821  
Ph: 301-405-1324  
FAX: 301-314-9041  
Email: [wkenwort@umd.edu](mailto:wkenwort@umd.edu)

Allen LeRoy  
Dept. of Agronomy  
Lily Hall  
Purdue University  
West Lafayette, IN 47907  
Ph: 765-496-3756  
FAX: 765-496-2926  
Email: [leroya@purdue.edu](mailto:leroya@purdue.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](mailto:rlnelson@uiuc.edu)

Jim H. Orf  
Department of Agronomy, 411 Borlaug Hall  
University of Minnesota  
1991 Buford Circle  
St. Paul, MN 55108  
Ph: 612-625-8275 Lab. -9263  
FAX: 612-625-1268  
Email: [orfxx001@umn.edu](mailto:orfxx001@umn.edu)

Todd W. Pfeiffer  
Dept. of Agronomy  
N106 Agric. Sci. Bldg. North  
University of Kentucky  
Lexington, KY 40546  
Ph: 859-257-4678  
FAX: 859-257-7874  
Email: [tpfeiffe@uky.edu](mailto: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](mailto:poysav@poysav@agr.gc.ca)

Adam Brock  
Agronomy Dept., Lily Hall  
Purdue University  
West Lafayette, IN 47907  
Ph: 765-496-1557  
FAX: 765-496-2926  
Email: [abrock@purdue.edu](mailto:abrock@purdue.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](mailto:eddiej@uiuc.edu)

Phil Schaus  
Soybean Breeding and Genetics  
University of Minnesota  
411 Borlaug Hall, 1991 Buford Circle  
St Paul, MN 55108  
Ph: 612-625-9263  
FAX: 612-625-1268  
Email: [schau002@umn.edu](mailto:schau002@umn.edu)

Eugene Lacefield  
N222 Ag. Sci. Bldg.-N  
Dept. of Agronomy  
University of Kentucky  
Lexington, KY 40546-0091  
Ph: 859-257-2993  
Email: [elace0@pop.uky.edu](mailto:elace0@pop.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: [mailto:armstrongb@agr.gc.ca](mailto:mailto:armstrongb@agr.gc.ca)

## 2005 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

---

Istvan Rajcan  
Dept. of Plant Agriculture, Crop Sci. Bldg  
University of Guelph  
Guelph, Ontario  
Canada N1G 2W1  
Ph: 519-824-4120 ext. 53564  
FAX: 519-763-8933  
Email: [irajcan@uoguelph.ca](mailto:irajcan@uoguelph.ca)

Wade Montminy  
Dept. of Plant Agriculture, Crop Sci. Bldg.  
University of Guelph  
Guelph, Ontario  
Canada N1G 2W1  
Ph: 519-824-4120 ext. 58508 Cell: 519-835-5259  
FAX: 519-763-8933  
Email: [montminy@uoguelph.ca](mailto:montminy@uoguelph.ca)

W. T. Schapaugh, Jr.  
Dept. of Agronomy, Throckmorton Hall  
Kansas State University  
Manhattan, KS 66506  
Ph: 785-532-7242  
FAX: 785-532-6094  
Email: [wts@ksu.edu](mailto:wts@ksu.edu)

M. Schmidt  
Dept. of Plant and Soil Science  
Mailcode 4415, Southern Illinois University  
Carbondale, IL 62901-4415  
Ph: 618-453-2496  
FAX: 618-453-7457  
Email: [mesch@siu.edu](mailto:mesch@siu.edu)

Jim Klein  
3268 West Pleasant Hill Rd.  
SIUC  
Carbondale, IL 62901  
Ph: 618-453-2453  
FAX: 618-453-8906  
Email: [jklein@siu.edu](mailto:jklein@siu.edu)

Roy Scott  
Plant Science Department  
South Dakota State University  
NPB 247, Box 2140C  
Brookings, SD 57007  
Ph: 605-688-4749  
FAX: 605-688-4452  
Email: [roy\\_scott@sdstate.edu](mailto:roy_scott@sdstate.edu)

Emily Hudson  
SDSU  
NPB 247, Box 2140C  
Brookings, SD 57007  
Ph: 605-688-4749  
Email: [emily.hudson@sdstate.edu](mailto:emily.hudson@sdstate.edu)

Matthew Caron  
SDSU  
NPB 247, Box 2140C  
Brookings, SD 57007  
Ph: 605-688-4749  
Email: [matthew.caron@sdstate.edu](mailto:matthew.caron@sdstate.edu)

J. Grover Shannon  
University of Missouri-Delta Center  
147 Highway T  
Portageville, MO 63873  
Ph: 573-379-5431  
FAX: 573-379-5875  
Email: [shannon@missouri.edu](mailto:shannon@missouri.edu)

Teresa Newman  
University of Missouri-Delta Center  
P.O. Box 160  
Portageville, MO 63873  
Ph: 573-379-4058  
FAX: 573-379-5875  
Email: [NewmanTD@missouri.edu](mailto:NewmanTD@missouri.edu)

## 2005 UNIFORM TEST PARTICIPANTS

### Uniform Test Cooperator:

David A. Sleper  
Dept. of Plant Science, 201 Waters Hall  
University of Missouri  
Columbia, MO 65211  
Ph: 573-882-7320  
FAX: 573-882-1467  
Email: [sleperd@missouri.edu](mailto:sleperd@missouri.edu)

Dr. Pengyin Chen  
115 Plant Science Building  
University of Arkansas  
Fayetteville, AR 72701  
Ph: 479-575-7564  
FAX: 479-575-7465  
Email: [pchen@uark.edu](mailto:pchen@uark.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+@osu.edu](mailto:stmartin+@osu.edu)

Pierre Turcotte  
Centre de recherches sur les grains inc. (CEROM)  
335 Chemin des 25 Est  
Saint-Bruno de Montarville (Quebec)  
Canada J3V 4P6  
Ph: 450-653-4413 ext. 227  
FAX: 450-441-5694  
Email: [pierre.turcotte@cerom.qc.ca](mailto:pierre.turcotte@cerom.qc.ca)

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](mailto:bobuni@udel.edu)

### Technical Contact:

Kerry M. Clark  
Research Support Service  
3600 New Haven Road  
Columbia, MO 65201  
Ph: 573-882-0198  
FAX: 573-884-5911  
Email: [clarkk@missouri.edu](mailto:clarkk@missouri.edu)

Tetsuaki Ishibashi  
115 Plant Science Building  
University of Arkansas  
Fayetteville, AR 72701  
Ph: 479-575-7564  
FAX: 479-575-7465  
Email: [tishiba@uark.edu](mailto:tishiba@uark.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](mailto: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](mailto:mcintyre.31@osu.edu)



## 2005 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

---

Dechun Wang  
Department of Crop & Soil Sciences  
Michigan State University  
A384-E Plant & Soil Sciences Building  
East Lansing, MI 48824-1325  
Ph: 517-355-0271 Ext. 188  
FAX: 517-353-3955  
Email: [wangdech@msu.edu](mailto:wangdech@msu.edu)

John F. Boyse  
Department of Crop and Soil Sciences  
286 Plant Sciences Building  
Michigan State University  
East Lansing, MI 48824-1325  
Ph: 517-355-2287  
FAX: 517-353-3515  
Email: [boyse@pilot.msu.edu](mailto:boyse@pilot.msu.edu)

James R. Wilcox  
Professor Emeritus  
Agronomy Dept., Lilly Hall  
Purdue University  
West Lafayette, IN 47907  
Ph: 765-494-8074  
FAX: 765-496-3452  
Email: [jwilcox@purdue.edu](mailto:jwilcox@purdue.edu)

Glen L. Hartman  
National Soybean Research Center  
1101 W. Peabody Dr.  
Urbana, IL 61801  
Ph: 217-244-3258  
FAX: 217-244-7703  
Email: [ghartman@uiuc.edu](mailto:ghartman@uiuc.edu)

Terry Niblack  
Department of Crop Science  
University of Illinois  
1102 S. Goodwin Ave.  
Urbana, IL 61801  
Ph: 217-244-5940  
FAX: 217-333-9817  
Email: [tniblack@uic.edu](mailto:tniblack@uic.edu)

Warren Rayford  
NCAUR-ARS  
Room 3221  
1815 N. University St.  
Peoria, IL 61605  
Ph: 309-681-6423  
FAX:  
Email: [mailto:rafordw@ncaur.usda.gov](mailto:mailto:rafordw@ncaur.usda.gov)

Jo Dean Sarins  
New Crops Processing  
NCAUR-ARS, Room 2236  
1815 N. University St.  
Peoria, IL 61605  
Ph: 309-681-6109/6107  
FAX:  
Email: [mailto:sarinsjd@ncaur.usda.gov](mailto:mailto:sarinsjd@ncaur.usda.gov)

Richard L. Cooper, USDA-ARS  
Dept. of Horticulture and Crop Science  
1680 Madison Ave.  
OARDC-OSU  
Wooster, OH 44691  
Ph: 330-263-3875  
FAX: 330-263-3887  
Email: [cooper.16@osu.edu](mailto:cooper.16@osu.edu)

## 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
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 Compositd 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	Lambert	-6 to +2	Traill (E)	Parker (L)
I	Parker	-4 to +4	Lambert (0)	IA1008 (SCN)
II	IA2068	-3 to +5	IA1008 (I)	IA2065 (L)
III	IA3023	-6 to +2	IA2065 (II)	Macon (L)
IV	LN97-15076	-4 to +7	Macon (III)	
00RR	NK S00-J4			AG0301
0RR	RG405RR		RG200RR	SD1091RR (L)
1RR	AG1501		SD1091RR (L)	DKB20-52
2RR	AG2403		DKB20-52 (SCN)	AG2801 (SCN)
3RR	AG3401		DKB31-51	DKB3852
4RR	AG4201		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 IA1008 (SCN) for resistance to the soybean cyst nematode in UT I, or Strong (dt1) as a determinate check in UT IV.

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 are reported on a moisture-free 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>
SC	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.

The percent purple stain and Phomopsis seed infection is based on a 100-seed sample plated on potato-dextrose agar in petri dishes.

The percent green seed is based on a 100-seed sample and is the number of seed with a green or partially green seed coat.

Abbreviations used in sudden death syndrome (SDS) ratings are as follows:

- R6Date = Days from planting to R6.2 growth stage
- R6DI = SDS Disease Incidence (% of plants with visible leaf symptoms)
- R6DS = SDS Disease Severity (1=mild chlorosis, 5=severe leaf scorch, 9=premature death of the plant)
- R6DX = SDS Disease index (R6DI x R6DS/9)

## 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 2005

Variety	Experimental designation	Uniform Test evaluations
Monocacy	Md96-5722	UTIV 1999-2002
IA1019	A04-442030	PTI 2005
IA1021	A02-136032	PTI 2003, UTI 2004-2005
IA3028	A04-642023	PTII 2005
IA3025	A03-946006	PTIII 2004
Skylla	E98076	PTIIB 2000, UTII 2001-2003
MN0101	M98-101137	UT00 2003-2004
Brand	HS0-3243	PTIIB 2002
Brand	LD00-3309	SCN PTIII 2003, UTIV 2004-2005

Variety	Release date	Releasing states or Provinces	Foundation seed production
Monocacy	Dec. 31,2004	Maryland	2005
IA1019	Nov. 2005	Iowa	Winter 2005-2006
IA1021	Nov. 2005	Iowa	Summer-2005
IA3028	Nov. 2005	Iowa	Winter 2005-2006
IA3025	Nov. 2004	Iowa	Winter 2004-2005
Skylla	Jan. 2006	Michigan	2006
MN0101	Jan. 2006	Minnesota	2005
Brand	Jan. 2005	Ohio	2005
Brand	Jan. 2006	Illinois	2005

## 2005 Soybean Cyst Nematode Evaluations

1000 eggs per plant inoculum  
 3 reps; entries with CV>30 were re-tested  
 Entries marked with \*\* were too variable to rate  
 Methods: see J. Nematol. 34:279-288

Ratings: FI values  
 HR <10  
 R 10-24  
 MR 25-39  
 LR 40-59  
 NR 60+

**\*NOTE: Susceptible checks (not shown) did not perform as expected in the HG Type 0 test below. Due to low SCN development, some of the entries listed as MR and LR below are actually susceptible. We will retest entries as needed.**

NB: FI values for some entries cannot be calculated from data shown below because those with high CV values were retested separately.  
 For raw data, contact T. Niblack [tniblack@uiuc.edu](mailto:tniblack@uiuc.edu)

### SCN population PA3 HG Type 0 (Race 3)

Indicator	Female	
	Mean	Index
Lee 74	103	
PI 548402	2	1
PI 88788	2	2
PI 90763	0	0
PI 437654	0	0
PI 209332	1	1
PI 89772	0	0
PI 548316 (Pickett)	3 1	3 1

### SCN population U257 HG Type 2.5.7 (Race1)

	Female		
	Mean	Index	
	301		
	0	0	
	139	46	√
	0	0	
	0	0	
	133	44	√
	0	0	
	150	50	√
	2	0	

Line	HG Type 0 (Race 3)			HG Type 2.5.7 (Race1)			
	Mean	FI	Rating	Mean	FI	Rating	
Lambert	36	35	MR *	221	73	NR	UT 0
Parker (I)	44	43	LR *	262	87	NR	UT 0
Surge	38	37	MR *	226	75	NR	UT 0
MN0902CN (SCN)	2	2	HR	181	60	NR	UT 0
M98-133-20012	33	32	MR *	180	60	NR	UT 0
M98-237086	3	3	HR	186	62	NR	UT 0
ND01-3533	5	5	HR	230	76	NR	UT 0
ND01-3535	2	2	HR	231	77	NR	UT 0
IA1008 (SCN)	5	5	HR	196	65	NR	UTI, PTI
A04-543030	5	5	HR	227	75	NR	PT I
A04-543037	8	7	HR	175	58	LR	PT I
A04-543043	5	4	HR	194	64	NR	PT I
IA2068 (SCN)	1	1	HR	228	76	NR	UTII, PTII
U01-390489	5	5	HR	173	57	LR	UT II
A04-542021	3	3	HR	196	65	NR	PT II
A04-642023	2	2	HR	231	77	NR	PT II
LD02- 5025	5	5	HR	233	77	NR	PT II

## 2005 Soybean Cyst Nematode Evaluations

1000 eggs per plant inoculum  
 3 reps; entries with CV>30 were re-tested  
 Entries marked with \*\* were too variable to rate  
 Methods: see J. Nematol. 34:279-288

Ratings: FI values  
 HR <10  
 R 10-24  
 MR 25-39  
 LR 40-59  
 NR 60+

**\*NOTE: Susceptible checks (not shown) did not perform as expected in the HG Type 0 test below. Due to low SCN development, some of the entries listed as MR and LR below are actually susceptible. We will retest entries as needed.**

NB: FI values for some entries cannot be calculated from data shown below because those with high CV values were retested separately.  
 For raw data, contact T. Niblack [tniblack@uiuc.edu](mailto:tniblack@uiuc.edu)

### SCN population PA3 HG Type 0 (Race 3)

Indicator	Female	
	Mean	Index
Lee 74	103	
PI 548402	2	1
PI 88788	2	2
PI 90763	0	0
PI 437654	0	0
PI 209332	1	1
PI 89772	0	0
PI 548316	3	3
(Pickett)	1	1

### SCN population U257 HG Type 2.5.7 (Race1)

	Female		
	Mean	Index	
	301		
	0	0	
	139	46	√
	0	0	
	0	0	
	133	44	√
	0	0	
	150	50	√
	2	0	

Line	HG Type 0 (Race 3)			HG Type 2.5.7 (Race1)			
	Mean	FI	Rating	Mean	FI	Rating	
IA3023	41	39	MR *	186	62	NR	UT III, PTIII A & B
Macon (III)	33	32	MR *	207	69	NR	UT III, PTIII A & B
U98-311442(L) (SCN)	4	4	HR	132	44	LR	UT III, PTIII A & B
LS01-1987	7	6	HR	175	58	LR	UTIII
A04-642005	4	4	HR	175	58	LR	PT IIIA
A04-643040	10	10	R	214	71	NR	PT IIIA
LS01-3778	5	5	HR	57	49	LR	PT IIIA
LD02- 5137	3	3	HR	164	54	LR	PT IIIB
LN97-15076	39	38	MR *	227	75	NR	UTIV, PTIV
LS93-0375 (SCN)	4	4	HR	155	51	LR	UTIV, PTIV
HC99-2763	36	35	MR *	219	73	NR	UT IV
LD00- 2817	1	1	HR	10	3	HR	UT IV
LD00- 3309	6	6	HR	187	62	NR	UT IV
LS00-4221	4	4	HR	202	67	NR	UT IV
LS01-1158	4	4	HR	192	64	NR	UT IV
LS01-1734	5	5	HR	192	64	NR	UT IV
LS01-3615	4	4	HR	168	56	LR	UT IV

## 2005 Soybean Cyst Nematode Evaluations

1000 eggs per plant inoculum  
 3 reps; entries with CV>30 were re-tested  
 Entries marked with \*\* were too variable to rate  
 Methods: see J. Nematol. 34:279-288

Ratings: FI values  
 HR <10  
 R 10-24  
 MR 25-39  
 LR 40-59  
 NR 60+

**\*NOTE: Susceptible checks (not shown) did not perform as expected in the HG Type 0 test below. Due to low SCN development, some of the entries listed as MR and LR below are actually susceptible. We will retest entries as needed.**

NB: FI values for some entries cannot be calculated from data shown below because those with high CV values were retested separately.  
 For raw data, contact T. Niblack [tniblack@uiuc.edu](mailto:tniblack@uiuc.edu)

### SCN population PA3 HG Type 0 (Race 3)

Indicator	Female	
	Mean	Index
Lee 74	103	
PI 548402	2	1
PI 88788	2	2
PI 90763	0	0
PI 437654	0	0
PI 209332	1	1
PI 89772	0	0
PI 548316 (Pickett)	3 1	3 1

### SCN population U257 HG Type 2.5.7 (Race1)

	Female		
	Mean	Index	
	301		
	0	0	
	139	46	√
	0	0	
	0	0	
	133	44	√
	0	0	
	150	50	√
	2	0	

Line	HG Type 0 (Race 3)			HG Type 2.5.7 (Race1)			
	Mean	FI	Rating	Mean	FI	Rating	
LS02-0425	4	4	HR	206	68	NR	PT IV
LS02-0455	8	7	HR	198	66	NR	PT IV
LS02-1509	4	4	HR	155	51	LR	PT IV
LS02-2213	3	3	HR	187	62	NR	PT IV
SDX00R-026-42	4	4	HR	189	63	NR	PT0 RR
AG2403	40	39	MR *	219	73	NR	U,PTII RR
DKB 26-52 (SCN)	9	9	HR	147	49	LR	U,PTII RR
AG2801 (SCN)	8	8	HR	193	64	NR	U,PTII RR
AG3401	36	33	**	188	62	NR	UTIII RR
DKB 31-51	7	7	HR	217	72	NR	UTIII RR
AG3201 (SCN)	4	4	HR	220	73	NR	UTIII RR
DKB 38-52 (SCN)	5	5	HR	97	32	MR	UTIII, IV RR
Md 01-063 RR	41	40	LR *	222	74	NR	UTIV RR

IDENTIFICATION OF PARENT STRAINS 2005

Strain	Parentage
A2	M63-17 x C1453
A4	L15 x AP68-1016
A8	A4 x Century
A13	Selection from AP9 Fe (S 1) C7
A29	1%-linolenic plant selection developed by Iowa State University
A55-5629-4	Roanoke x Hawkeye
A72-507	Amsoy x Wayne
A71-5558-1	Wirth x AX210-39-2
A74-104034	Pike x Beeson
A75-10521	Corsoy (2) x L65-1342 or Anoka x Mack
A75-204018	IVR4731 x Wirth
A75-305022	Wye x (Amsoy x Wayne)
A76-304020	(Beeson x AP68-1016) x (L15 x Calland)
A75-332035	L15 x AP68-1016
A79-134008	AP6 (1YT)(F4) C2
A79-136012	Pride B216 x Land O' Lakes 4102
A80-244036	A74-204034 x A80-344003
A80-344003	A75-332035 x Century
A81-151026	A75-204018 x Century
A81-356022	Century x A76-304020
A83-271027	S1492 x A3127
A86-104011	A80-244036 x A80-344003
A86-186011	AP9 populations
A86-204022	Hack x Zane
A86-303014	A81-356022 x Hack
A87-187020	Jacques J103 x A81-151026
A87-395012	Fayette x Asgrow A3659
A89-144026	Jacques J231 x A8
A92-535059	Asgrow A2187 x [(A87-186011 x DSR 252) x A87-187020]
A92-627030	Kenwood x Asgrow A3205
A94-572028	(NK S19-90 x Bell) x A89-144026
A94-674017	Pioneer P9303 x Kenwood
A94-770314	Pioneer P9303 x A87-395012
A95-483031	Jack x (Pioneer 9273 x A13)
A95-485020	(Pioneer 7273 x A13) x Jack
A95-581028	Marcus x Pioneer 9273
A96-492041	Northrup King S24-92 x Northrup King S19-90
A96-691030	AP 3035 x Pioneer P9273
A97-553017	Pioneer YB280 x (Pioneer YB280 x A29)
A97-770012	NK S20-20 x Asgrow A2234
A97-770031	A92-535059 x Pioneer P9273
A97-770051	Pioneer 9273 x (A92-535059 x IA1006)
A97-771039	A92-627030 X ORC 9205
A97-871009	NK S20-20 x (A92-535029 x IA20121)
A97-973002	LN90-4366 x IA3005
A98-590014	Pioneer YB280 x (Pioneer YB280 x 96LL2)
A98-980047	HS93-4118 x NK S24-92
A00-711022	A95-485020 x IA2036
A00-711024	A95-485020 x IA2036
A00-711025	Pioneer 9233 x IA2036
A00-711036	Pioneer 9233 x IA2036
A00-711041	Pioneer 9233 x IA2036
A00-711042	Pioneer 9321 x IA2036
AP6	40 lines intermated (Crop Sci.15:739, 1975)

IDENTIFICATION OF PARENT STRAINS 2005

Strain	Parentage
AP9	Iron-def. chlor. resis. (Crop Sci.20:677, 1980)
AP68-1016	Clark (5) x PI 84.946-2
AgriPro 26	Beeson x Calland
AgriPro AP1989	Agripro 26 x Vickery
Agripro AP3035	
Asgrow A1564	Hark x C1453
Asgrow A2187	A2 x Asgrow A2527
Asgrow A2234	[(Calland x Amsoy) x Century (3)] x Williams 82
Asgrow A2242	Sherman x XP1928
Asgrow A2506	
Asgrow A2543	Asgrow A3127 x (Century 84(2) x A79-134008)
Asgrow A2575	C1453 x Amsoy 71
Asgrow A2943	Asgrow 1564 x Asgrow A3127
Asgrow A3127	Williams x Essex
Asgrow A3205	Northrup King S 1474 x Asgrow A3 127
Asgrow A3427	X3826 x Asgrow A3127
Asgrow A3659	Williams x Essex
Asgrow A3935	M0474C x Asgrow A3127
Asgrow A4009	Asgrow A3860 x Fayette
Asgrow A4138	Asgrow A4009 x Asgrow A4595
Asgrow A4595	Douglas x Asgrow A3127
Asgrow A5474	(Tracy x D71-6234) x J74-122
Asgrow A9243	A1564 x A3127
AX56P64-1	Adams x Harosoy
AX162-12	Ford x PI 68.708
AX210-39-2	D49-2491(4) x AX162-12(Ford x PI 68.708
BARC-6	CX797-21 x D76-8070
BD22115-13	(Amsoy x Portage) x Holmberg 840-7-3 (From S.A. Holmberg, Sweden)
C1079	Lincoln x Ogden
C1253	Blackhawk x Harosoy
C1266R	Harosoy x C1079
C1453	C1266R x C 1253
C1665	Nebsoy x A75-305022
C1813	C1655 x Pella 86
C1939	CRS3-998-24-1 x C1813
CM304	Unknown
CM497	Unknown
CRS3-998-24-1	Selection from high protein recurrent selection population
CX797-21	unknown
D49-2491	S100 x CNS = sister line of Lee
D61-2624	D49-2491(4) x PI 171.862
D61-3505	D49-2491(2) x PI 171.862
D66-7398	D61-3505 x (PI 96.035 x D61-2624)
D71-6234	D66-7398 x PI 95.560
D76-8070	see Crop Sci. 30:764-765
DT96-6840	Hutcheson x Pioneer P9641
Dairyland DSR-304	Williams x Unknown
Dekalb 339c	
DPL 3478	
E86237	Prosoy PS104 x HW8028
E93424	Asgrow A2943 x NK S23-12
E93433	Asgrow A2943 x NK S23-12
E94172	Hack x AP 1989
HC94-35PR	Charleston(5) x Sprite 87

IDENTIFICATION OF PARENT STRAINS 2005

Strain	Parentage
HF9667-2	General x GXR 9648
HS84-6276	Harper (3) x Williams 82
HS88-4906	Conrad x Hayes
HS88-4909	Conrad x Hayes
HS88-7363	F2 progenitor of Kottman = Voris 311 x Resnik
HS88-4988	Winchester x A83-271027
HS90-3487	HS84-6276 x Conrad
HS91-4825	Burlison x A86-301024
HS93-1882-41	HS88-4906 x BARC-6
HS93-4118	IA2007 x Dairyland DSR 304
HS94-4530	sister line of Kottman = HS88-7363 x HS88-4988
HS94-9053	P9268-03 x Vertex
HS96-7942	Defiance x HS91-4825
HS96-3347	P9268-003 x Vertex
HS97-5609	Defiance x Flint
HS97-5261	HS94-4530 x IA 3004
HS98-3628	Defiance x HS91-4825
HW79149	(A72-507(6) x A1) x (A72-507(5) x PI82.263.2)
HW8028	A75-10521 x Centry
IVR 1120	Provar x (AX56P64-1 x PI 191.110-1)
IRV Ex4731	Amsoy x Wayne
IX93	A71-5558-1 x L61-344
Ja 53-7-6	Selection from Japanese variety
Jacques J103	Clay x Williams
K1235	Hutcheson x Asgrow A3427
K1370	Delsoy 4210 x Asgrow A3935
K1454	KS4694 x HS90-3487
KG20	McCall x 2S11
K74-114-75-00	Tracy x Bonus
K97-34	K1235 x RR
K97-132	K1235 x K97-34
K98-87	Pioneer x RR 40-3-2
K99-98	DT96-6840 x IA3010
K99-126	KS4997 x K98-87
K99-129	KS4997 x IA3004
Lan	PI 597.397
Land O'Lakes 4102	Land O Lakes Max [Wayne x (Clark x Adams)] x Cutler
L1-5	Century (5) x PI 408.251
L15	Wayne (6) x Clark 63
L61-344	Harosoy(6) x T117, Dt2
L62-1926	Clark (2) x PI 86.024
L65-1342	Wayne (2) x L62-1926
L69-4143	[L15(5) x ((Clark(6) x T201) x (clark(6) x T145))] x (Wayne(10)x Kanrich
L70-2283	Custer x Chippewa
L70T-543	L15 x Amsoy 71
L75-8020	Williams x L70-2283
L77-443	Union x L75-8020
L77-906	Williams x PI 209.332
L77-994	Williams (2) x PI 88.788
LG87-429	PI 297.544 x Pi 290.126B
LG84-1269	PI 227.333 x PI 91.730-1
LG87-1454	PI 290.126B x PI 407.710
LG87-2504	PI 168.508 x FC 04.007B
LG89-8665	PI 436.682 x Ripley

IDENTIFICATION OF PARENT STRAINS 2005

Strain	Parentage
LG89-7657	Ripley x PI 438.206
LG89-7619	Ripley x PI 445.837
LG91-6859	LG87-429 x Zane
LG92-4208	LG84-1269 x Chamberlain
LG94-1906	PI 468.377 x Asgrow A3205
LG95-7693	LG87-2504 x (2534 x 3342)
LG95-8036	Asgrow A3205 x LG87-14554
LG96-1854	LG89-8665 x LG89-7657
LG96-3159	LG89-7619 x Asgrow A3935
LG97-5474	P6906-16 x P5096-03D
LN81-1029	K74-114-75-00 x Pella
LN86-4668	Fayette x Hardin
LN86-4668	Fayette x Hardin
LN88-10534	LN81-1029 x Asgrow A2943
LN90-4366	LN86-4668 x Resnik
LN93-13684	Jack x Chapman
LS87-1922	Fayette x Pyramid
LS92-3660	Resnik x Asgrow A5474
LS92-4173	Flyer x Pyramid
LS95-1454	Asgrow A5403 x LS87-1922
M0385	IVR 1120 x Calland
M0474C	White-flowered off type in Mitchell
M10	Lincoln (2) x Richland
M402	Renville x Cappital
M42-37	Lincoln (2) x Richland
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
M63-17	M402 x M54-110
M63-194	Corsoy x PI 132.207
M63-217Y	Corsoy x M53-117
M65-442	Anoka x Amsoy
M68-49	Evans x M59-120
M68-49-26	Evans x M59-120
M69-20	Merit x Clay
M70-127	Evans x M63-217Y
M70-294	Ja 53-7-6(PI 358.323 x M63-217Y)
M72-3	Evans x Hodgson
M73-62	M61-224 x PI297.518
M74-227	M68-49 x M63-194
M74-394	Hodgson x Wells
M75-274	Evans x L70T-543
M76-65	M69-20 x McCall
M76-151	M70-127 x Hodgson 78
M81-18	Evans x M65-442
M81-27	M68-49-26 x M70-294
M82-996	M72-3 x Peterson 1677
M83-3	McCall x Maple Presto
M83-16	A2 x Hodgson 78
M83-64	M74-227 x L78-189
M83-727	M73-62 x Simpson



IDENTIFICATION OF PARENT STRAINS 2005

Strain	Parentage
M83-766	Evans x M74-394
M87-135	Sibley x Hack
M87-330	M76-55 x Ozzie
M87-332	M76-55 x Ozzie
M90-370	M81-27 x M83-16
M90-665	M83-3 x McCall
M90-1279	BSR101 x Kato
M90-137050	M87-332 x Maple Ridge
M91-821	M83-766 x Leslie
M91-1416	M83-727 x A86-104011
M91-134038	Marmony x Ozzie
M91-163126	E86-237 x M87-135
M91-198009	Toyopro x Kato
M92-1651	Faribault x PI 437654
M94-246152	Lambert x M92-1651
M96-136-20	ND(M)90-370 (2) x Resnik BC2F2 RR
M96-133029	Lambert (2) x Resnik BC2F2 RR
M96-133044	Hendricks (2) x Resnick BC2F2 RR
M96-133047	Lambert (2) x Resnik BC2F2 RR
M96-133151	Lambert (2) x Resnik BC2F2 RR
Md92-5850	Hamilton x Bass
Md95-5358	S88-19561 x Corisca
MN1601SP	Vinton 81 x Proto
MO30421	
MSBP1	Male-sterile intermated population
MSBP2	Male-sterile (ms2) intermated population
MSBP3	Male-sterile intermated population
MSBP7S4	Male-sterile intermated population
ND88-800	Maple Amber x Evans
ND(M)90-370	M81-27 x M83-16
ND92-2381	M83-64 x Pioneer 9061
ND92-2381RR	ND92-2381(3) x Resnik(RR)
ND93-5849	KG20 x Maple Donovan
ND93-5849	KG20 x Maple Donovan
ND95-938	ND88-800 x Pioneer 9061
ND95-952	ND88-800 x Pioneer 9061
ND95-955	ND88-800 x Pioneer 9061
ND95-958	ND88-800 x Pioneer 9061
ND95-1215	M90-665 x ND88-800
ND95-1564	Parker x Pioneer 9061
ND95-6634	Alpha x OT90-9
ND96-1006	Glacier x Council
ND96-8811	ND88-800 x Council
Northrup King S1346	A55-5629-4 x PI 257.435
Northrup King S1474	Hark x Wayne
Northrup King S1492	Corsoy x Wayne
Northrup King S19-90	Pride B152 x Pella
Northrup King S20-20	Pride B152 x CM497
Northrup King S24-92	Asgrow A3 127 x [(IVR 1120 x Calland) x (Mitchell x Cutler 71 )]
NK S29-18	unknown
ORC 9002	A81-151026 x Eglin
OT90-9	(Thompson 7803 x BD22115-13) x McCall
OT92-8	Baron x Maple Donovan
OXR-96202	Defiance x (Harosoy x PI 567.642A)

IDENTIFICATION OF PARENT STRAINS 2005

Strain	Parentage
OXR-96243	NK S29-18 x PI 274.421
OXR961095	Resnik BC (Roundup Ready) x HS93-1882-41
Peterson 85	Provar x (Amsoy x PI 248.404)
P9268-003	PI 92718-2 x 9271
Pioneer P1677	Rampage x Corsoy (2)
Pioneer P1951	
Pioneer P1963	
Pioneer P2981	Hark x (Corsoy x Calland)
Pioneer P7293	
Pioneer P9004	Maple Ridge x Lakota
Pioneer P9061	Wells x Pioneer P1677
Pioneer P9071	Pioneer P9061 x Pioneer P9181
Pioneer P9181	Beeson x Williams
Pioneer P9091	Peterson 85 x P1677
Pioneer P9092	Pioneer P9061 x S15-50
Pioneer P9172	
Pioneer P9233	
Pioneer P9271	(Corsoy x Magna) x Williams
Pioneer P9273	Pioneer P2981 x Asgrow 3127
Pioneer P9281	Hark x (Corsoy x Calland)
Pioneer P9303	Pioneer P2981 x M0835
Pioneer P9321	MO30421 x (Weber x Asgrow A3127)
Pioneer P9341	CM304 x Asgrow A3127
Pioneer P9352	
Pioneer P9381	(Essex x L69-4143) x Sprite
Pioneer P9402	(L77-994 x Asgrow A3127) x L77-994
Pioneer 91B01	Asgrow A2234 x P9061
Pioneer 93B82	Unknown
Pioneer XB28V99	
Pride B152	Northrup King S 1346 (6) x Mack
Pride B216	Corsoy x Wayne
Prosoy PS104	Unknown
S10	Unknown
S-100	Rouge in Illini
S1492	Corsoy x Wayne
S15-50	(Mack x Corsoy x B216(2)) x (S1492 x Lee 74)
S19-90	Pride B-216 x Pella
S86-4499	L77-443 x L77-906
SD91(M)91-1574	L1-5 x Glenwood
SD92-1323	Kasota x Kato
SD93-828	Parker x Archer
SD93-828R	SD93-828(4) x Resnik RR
SD93-851	Parker x Archer
SD93-954	Kasota x Kato
SD93-1037	Parker x Sibley
SD93-1037RR	SD93-1037(4) x Resnik RR
SD93-1040	Parker x Sibley
SD93-1040RR	Parker x Sibley
SD93-1043	(Parker x Sibley) x Resnik RR
SD93-1387	Archer x Hodgson 78
SD94-27	Sturdy x Sibley
SD94-57	Simpson x Elgin 87
SD94-186	Sibley x Archer
SD94-280	Glenwood x Leslie

IDENTIFICATION OF PARENT STRAINS 2005

Strain	Parentage
SD94-667	Kato x Conrad
SD94-782	ORC 9002 x Agassiz
SD94-808	Parker x Archer
SD94-817	Glenwood x Sibley
SD94-1208RR	(SD87001 x Glenwood) x Resnik RR
SD94-1370	SD87001 x Leslie
SN94-4337	Jack x Pioneer P9341
SD95-1276	Sturdy x PI 153.296
SD96-170	IA2008 x HS88-4909
SD96-2156	Parker x SD(M)91-1574
SD99-002R	SD94-186 x SD94-1208RR
SD99-009R	SD94-808 x SD93-1040RR
SD99-011R	SD94-808 x SD93-1040RR
SD94-020R	SD94-186 x SD94-1208RR
SS88-19561	Forrest (3) x PI 437645
SS94-7482	Pioneer 9341 x S86-4499
T117	AK114 x PI 65.394 (Dt2, Lw1, Lw2)
T145	Unknown
T180	F3 sib of T181
T181	non-nodulating rjl mutant in Lincoln(2) x Richland
T201	T181 x T180
U94-2629	Parker x Uphoff 3100
U95-3231	MSBP1 male sterile population
U96-2408	Colfax x Iroquois
U96-3106	MSBP2 (F1 Bulk)
U97-3114	MSBP3
U97-201847	U94-2629 x UP1Fe30
UP1Fe (S1) C6-47	S1 line intermated population
UP1Fe-30	G. Graef
UP3YC1S3	Intermated population
Voris 311	S10 x Mitchell
XP1928	(Hardin x Williams 82) x {(Tracy x Williams) x HW79149}
059-903	PI 438471
2S11	059-903 x Hardome
40-3-2	Monsanto transformed glyphosate line.

**2005 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	IV	00	0	I	II	III	IV	0	II	
AR	Pinetree				X	X	X										X	X	X		
	Rohwer				X	X	X										X	X	X		
DE	Middleton																		X		
IA	Ames			X	X	X		X	X	X											
	Carlisle					X				X											
	Charles City			X				X													
	Ripley				X				X												
IL	Belleville						X					X							X		
	Dekalb				X																
	Dwight				X																
	Harrisburg						X					X							X		
	Newton					X	X														
	Urbana			X	X	X			X	X	X					X	X	X		X	
IN	Lafayette			X	X	X	X	X	X	X	X			X	X	X	X	X		X	
	Butler					X	X			X	X					X	X				
	Wanatah			X	X	X								X	X	X				X	
KS	Ashland					X	X			X	X					X	X				
	Manhattan					X	X									X	X				
	Ottawa															X	X				
KY	Lexington						X					X							X		
Man	Morden	X																			
MD	Queenstown					X	X												X		
MI	Ingham Co.			X	X			X	X					X	X					X	
	Lenawee Co.				X										X						
	Saginaw Co.			X											X						
	Grand Traverse Co.												X							X	
	Montmorency Co.												X							X	
MN	Crookston	X											X								
	Lamberton			X	X			X						X							
	Moorhead	X											X								
	Morris		X					X						X						X	
	Rosemount		X					X						X						X	
	Shelly	X											X								
	Waseca			X	X			X						X							

2005 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	IV	00	0	I	II	III	IV	0	II
MO Columbia	D. Sleper					X	X										X	X		
Portageville (Clay)	G. Shannon					X	X										X	X		
Portageville (Loam)	G. Shannon			X	X	X	X					X					X	X		
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	
Goehner	G. Graef / L.Korte			X	X	X		X	X	X	X					X	X		X	
DeWitt	G. Graef / L.Korte					X					X					X				
Tekamah	G. Graef / L.Korte					X					X					X				
ND Casselton	T. Helms	X	X					X							X	X		X		
Northwood	T. Helms														X					
OH Hoytville	R. Fioritto				X	X				X	X				X	X		X		
Wooster	R. Fioritto				X	X														
St. Charleston	S. St. Martin					X	X				X	X				X	X			
ONT Beachburg	E. Cober	X													X					
Chatham	G. Ablett			X	X															
Dundalk	I. Rajcan	X																		
Elora	I. Rajcan	X																		
Harrow	V. Poysa				X					X										
Ottawa	E. Cober		X					X							X			X		
Ridgetown	G. Ablett								X						X					
St. Pauls	I. Rajcan		X					X												
Woodstock	I. Rajcan		X					X												
QUE Saint Bruno	P. Turcotte	X	X					X												
Saint-Hyacinthe														X	X					
SD Aurora	R. Scott		X	X	X			X	X	X				X	X	X		X	X	
Volga	R. Scott													X	X	X				
Watertown	R. Scott													X	X			X		
TN Jackson	P. Arelli											X						X		
X Location With Agronomic Data		9	8	14	22	21	16	11	11	11	11	10	7	10	10	13	17	18	8	9
X Location With Seed Composition Data		7	8	6	9	8	8	8	6	5	5	5	7	7	5	3	6	6	6	4
* No data submitted due to flooding.																				

**2005 DISEASE, SHATTERING, AND DESCRIPTIVE DATA**

Location		Tests Conducted By:	Tests	UT	PT	UT RR	PT RR
AR	Pine Tree	T. Ishibashi/Chen	Green Stem	II-IV		II-IV	
IA	Humboldt	W. Fehr/K. Scholbrook	Chlorosis	I-III	I-III		
IL	Ponitac	J. Klein, C. Schmidt	SDS	I-II		I-II	
	Valmayer	J. Klein, C. Schmidt	SDS	III-IV		III-IV	
IN	Lafayette	S. Abney	PS	I-IV	I-IV	I-IV	II
	Lafayette	S. Abney	P&SB	III-IV		III-IV	
	Lafayette	S. Abney	FE	I-IV	I-IV	I-IV	II
	Lafayette	S. Abney	HS	I		I-II	
	Lafayette	S. Abney	PR 4 & PR 7	00-IV	0-IV	00-IV	0,II
	Lafayette	W. Crochet	Descriptive Code	00-IV	I-IV	00-IV	0,II
	Lafayette	W. Crochet	Green Stem	I-III	III		
MN	Wilkins Co.	J.H. Orf	Fe Chlorosis	00-IV	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-II	00-IV	0,II
	Ashland	W. Schapaugh, Jr.	Shattering Score		III-IV		
QUE	Saint Bruno	P.Turcotte	Green Stem	00-0	0	0-I	0-I

**Uniform Test 00, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	MN0071 (00)	Harmony x OT92-8	5	F5	Rps1
2.	Jim	Sigco KG20 x M81-18	5	F5	
3.	Traill (0)	M82-996 x Sigco KG20	10	F5	
4.	M98-101137	M90-137050 x Traill	2	F4	Rps1 Chlorosis
5.	M98-211046	MN0302 x Daksoy	1	F5	Rps1k
6.	ND99-N2282	ND93-5849 x Pioneer 9004	1	F4	Rps4
7.	ND02-863	Barnes x Korada	new	F4	Rps6
8.	ND02-875	Barnes x Korada	new	F4	Rps6
9.	ND02-878	Barnes x Korada	new	F4	Rps6
10.	ND02-892	Barnes x Korada	new	F4	Rps6
11.	ND02-1687	Barnes x Korada	new	F4	Rps6
12.	ND02-1740	ND96-8811 x ND95-1215	new	F4	Rps6
13.	ND02-2019	Sargent x ND96-1006	new	F4	Rps6
14.	ND02-2266	ND95-955 x ND95-6634	new	F4	Rps6
15.	ND02-2682	ND95-958 x ND95-6634	new	F4	Rps6
16.	ND02-3783	ND95-938 x Korada	new	F4	Rps6
17.	ND02-3788	ND95-938 x Korada	new	F4	Rps6
18.	ND02-4166	ND95-938 x Traill	new	F4	Rps6
19.	ND02-4190	ND95-938 x Traill	new	F4	Rps6
20.	ND02-4218	ND95-938 x Traill	new	F4	Rps6
21.	ND02-4228	ND95-938 x Traill	new	F4	Rps6

**UNIFORM TEST 00, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	<u>Fe Chlorosis</u>	<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>	
		Score	Score	Score	Lafayette	
		Wilkin Co. MN	St. Bruno Que	Manhattan KS	Race 4	Race 7
MN0071	PTBDYBrI	2.5	1.0	1.0	R*	S
Jim	PGBDYI	2.5	1.0	1.0	S	S
Traill (0)	PTBIYYI	2.7	1.0	1.0	S	S
M98-101137	PTBDYYI	2.5	1.0	2.0	S	S*
M98-211046	PGBDYI	2.3	1.0	1.0	R	R
ND99-N2282	PGBIYYI	2.7	1.0	1.0	R	S*
ND02-863	PTBDYYI	2.8	1.0	1.0	S*	R*
ND02-875	PGBDYBfI	2.3	1.0	1.0	R	S
ND02-878	PTBDYBrI	2.5	1.0	2.0	R	R*
ND02-892	PGSDYBf+BrI	2.8	1.0	1.0	R	H*
ND02-1687	PGBDYBfI	2.3	1.0	1.0	R	R*
ND02-1740	WGBDYI	3.0	1.0	1.0	R	H*
ND02-2019	P+WTBIYYI	2.3	1.0	1.0	R	H*
ND02-2266	WGBDYBfI	2.3	1.0	1.0	R	S
ND02-2682	PTBDYYI	2.7	1.0	1.0	R	S
ND02-3783	PTBDYBrI	2.0	1.0	1.0	R	R*
ND02-3788	PTBDYBrI	2.2	1.0	1.0	H	R
ND02-4166	PGBDYBfI	2.7	1.0	1.0	R	S
ND02-4190	PTBDYYI	2.5	1.0	1.0	R	S
ND02-4218	PTBDYBrI	3.0	1.0	3.0	R	S
ND02-4228	PTBIYBrI	2.7	1.0	1.0	R	S

\* = entry/*Phytophthora sojae* race reaction questionable.



**UNIFORM TEST 00, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	8 bu/a	8 No.	9 Date	9 Score	8 Height In	8 Size g/100	8 Quality Score	7 Protein %	7 Oil %
MN0071	44.0	20	9/8	1.1	29	15.6	1.1	38.2	22.0
Jim	45.2	18	0.4	1.1	26	15.6	1.4	39.3	20.3
Traill (0)	45.6	16	5.2	1.2	27	15.8	1.1	40.1	20.7
M98-101137	49.2	5	7.6	1.3	29	15.5	1.3	40.1	20.4
M98-211046	48.8	7	4.8	1.3	30	15.4	1.2	39.8	20.2
ND99-N2282	40.8	21	-2.0	1.1	26	15.1	1.3	39.0	21.4
ND02-863	46.4	15	3.6	1.1	25	16.5	2.1	40.0	20.5
ND02-875	48.0	10	5.2	1.1	27	15.0	1.3	37.8	21.1
ND02-878	47.5	14	7.3	1.1	26	17.8	1.9	39.9	20.7
ND02-892	48.2	8	6.8	1.2	27	15.6	1.2	38.3	21.8
ND02-1687	50.6	1	8.3	1.2	28	16.2	1.5	39.2	21.5
ND02-1740	47.7	12	7.1	1.3	30	15.1	1.2	38.3	22.0
ND02-2019	48.2	8	2.2	1.1	27	16.8	1.3	38.7	20.8
ND02-2266	50.1	2	9.4	1.3	30	15.0	1.2	38.3	21.5
ND02-2682	45.1	19	3.6	1.0	27	15.8	1.4	39.2	20.9
ND02-3783	45.5	17	-0.2	1.2	25	17.2	1.4	39.5	21.3
ND02-3788	48.9	6	6.7	1.1	28	16.2	1.6	39.2	21.6
ND02-4166	49.4	4	7.0	1.3	34	18.0	1.9	39.7	20.8
ND02-4190	49.5	3	7.2	1.3	33	14.4	1.3	39.0	21.0
ND02-4218	47.7	12	0.6	1.2	30	17.6	1.3	39.1	21.7
ND02-4228	47.8	11	6.0	1.2	30	18.2	1.3	39.3	21.3

109.4 Days After Planting

**UNIFORM TEST 00, 2005****2004-2005 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.	17 Date	18 Score	17 In.	16 g/100	16 Score	12 %	12 %
MN0071	38.7	5	9/15	1.3	28	15.8	1.3	39.9	20.6
Jim	40.0	1	0.5	1.3	25	15.7	1.4	40.6	19.0
Traill (0)	39.4	4	4.8	1.4	26	15.9	1.4	41.5	19.3
M98-101137	39.7	3	7.3	1.3	28	16.0	1.5	42.0	19.1
M98-211046	40.0	1	6.0	1.5	29	15.0	1.4	41.0	19.0
ND99-N2282	35.5	6	-2.4	1.4	25	15.0	1.4	40.5	20.0

115.6 Days After Planting

**2003-2005 3-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	23 bu/a	23 No.	26 Date	27 Score	26 In.	23 g/100	23 Score	17 %	17 %
MN0071	38.7	3	9/14	1.4	28	16.0	1.4	39.9	20.9
Jim	40.3	2	0.5	1.3	25	16.3	1.4	40.7	19.3
Traill (0)	32.8	4	6.4	1.4	26	15.9	1.5	41.4	19.8
M98-101137	40.8	1	7.0	1.4	29	15.9	1.6	41.9	19.4

113.8 Days After Planting

**UNIFORM TEST 00, 2005**

**YIELD (bu/a)**

Strain	Mean	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk* Ont.	Elora Ont.	St. Bruno Que.
	8 Tests									
MN0071	44.0	47.5	33.3	45.1	43.5	44.4	41.8	38.0	38.1	58.7
Jim	45.2	62.7	28.3	42.1	41.5	49.1	43.3	34.0	38.5	56.5
Traill (0)	45.6	57.7	33.2	47.0	42.8	49.7	40.6	28.4	39.9	53.7
M98-101137	49.2	56.2	37.8	59.2	47.0	46.6	45.4	31.0	36.9	64.3
M98-211046	48.8	67.6	37.4	52.5	48.6	46.0	38.2	35.1	38.3	62.0
ND99-N2282	40.8	47.9	29.7	37.7	38.9	48.3	39.9	29.3	36.8	46.9
ND02-863	46.4	60.7	33.4	46.7	42.4	50.6	37.1	39.4	41.2	59.4
ND02-875	48.0	62.6	36.8	47.6	46.2	46.9	44.8	37.7	41.0	58.1
ND02-878	47.5	64.0	31.2	47.1	43.2	53.5	42.5	40.4	36.5	61.9
ND02-892	48.2	64.1	35.5	50.4	43.1	49.3	45.0	41.1	43.6	54.6
ND02-1687	50.6	67.8	39.5	51.1	43.8	47.5	43.6	36.0	45.1	66.1
ND02-1740	47.7	66.6	29.1	46.4	44.6	49.8	42.3	34.9	42.3	60.8
ND02-2019	48.2	64.0	35.3	44.3	41.6	51.3	40.7	31.1	41.7	66.9
ND02-2266	50.1	62.3	37.7	56.5	51.3	53.5	42.5	40.1	44.0	53.3
ND02-2682	45.1	57.7	32.4	41.8	39.1	44.8	40.9	32.5	39.4	64.4
ND02-3783	45.5	58.5	34.6	46.7	37.9	53.1	35.7	25.1	33.1	64.1
ND02-3788	48.9	65.3	37.3	52.7	38.1	49.9	44.6	39.3	41.7	61.6
ND02-4166	49.4	65.4	37.6	50.7	44.7	53.1	47.1	22.3	38.8	57.8
ND02-4190	49.5	70.1	35.3	49.0	44.9	50.5	46.7	34.3	41.7	58.2
ND02-4218	47.7	62.6	42.2	44.0	42.4	53.4	41.8	29.6	31.5	64.0
ND02-4228	47.8	61.5	39.5	50.7	39.7	46.9	47.7	40.2	36.7	59.8
C.V. (%)		7.4	5.7	13.4	9.9	10.2	7.6	17.0	6.0	4.4
L.S.D. (5%)		6.2	3.2	10.3	6.9	8.2	5.4	13.8	4.3	4.5
Row Sp. (in.)		8	12	10	12	30	16	14	14	7
Rows/Plot		5	8	8	8	4	4	4	4	5
Reps		3	3	3	3	3	3	2	3	2

\*Data not included in mean.

**UNIFORM TEST 00, 2005**

**YIELD RANK**

---

Strain	Yield Rank	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk Ont.	Elora Ont.	St. Bruno Que.
MN0071	20	21	15	16	9	21	13	7	15	13
Jim	18	10	21	19	16	13	9	13	13	17
Traill (0)	16	17	16	12	12	11	17	19	10	19
M98-101137	5	19	4	1	3	18	4	16	16	4
M98-211046	7	3	7	4	2	19	19	10	14	7
ND99-N2282	21	20	19	21	19	14	18	18	17	21
ND02-863	15	15	14	13	13	7	20	5	8	12
ND02-875	10	11	9	10	4	16	6	8	9	15
ND02-878	14	8	18	11	10	1	10	2	19	8
ND02-892	8	7	10	8	11	12	5	1	3	18
ND02-1687	1	2	2	5	8	15	8	9	1	2
ND02-1740	12	4	20	15	7	10	12	11	4	10
ND02-2019	8	8	11	17	15	6	16	15	5	1
ND02-2266	2	13	5	2	1	1	11	4	2	20
ND02-2682	19	17	17	20	18	20	15	14	11	3
ND02-3783	17	16	13	13	21	4	21	20	20	5
ND02-3788	6	6	8	3	20	9	7	6	5	9
ND02-4166	4	5	6	6	6	4	2	21	12	16
ND02-4190	3	1	11	9	5	8	3	12	5	14
ND02-4218	12	11	1	18	13	3	14	17	21	6
ND02-4228	11	14	2	6	17	16	1	3	18	11

---

**UNIFORM TEST 00, 2005**

**MATURITY (date)**

Strain	Mean	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk Ont.	Elora Ont.	St. Bruno Que.
	9 Tests									
MN0071	9/8	9/13	9/10	9/8	9/12	9/13	9/16	9/1	8/26	9/9
Jim	0.4	2	3	2	2	1	0	0	-1	-5
Traill (0)	5.2	11	12	6	6	3	3	5	5	-4
M98-101137	7.6	13	12	10	9	6	6	7	4	1
M98-211046	4.8	4	10	7	8	1	5	7	4	-3
ND99-N2282	-2.0	2	1	1	0	-6	-5	-1	-3	-7
ND02-863	3.6	7	4	5	5	3	7	3	1	-3
ND02-875	5.2	14	8	6	7	5	3	3	3	-2
ND02-878	7.3	13	13	12	9	5	8	4	2	0
ND02-892	6.8	16	10	10	10	2	7	6	4	-4
ND02-1687	8.3	15	13	12	11	4	5	8	4	3
ND02-1740	7.1	15	14	8	11	5	1	5	2	3
ND02-2019	2.2	6	5	3	4	-3	0	4	0	1
ND02-2266	9.4	18	12	14	14	5	8	9	5	0
ND02-2682	3.6	9	5	3	3	8	1	2	1	0
ND02-3783	-0.2	-1	2	0	-1	-4	0	-1	-2	5
ND02-3788	6.7	11	12	10	7	5	4	4	5	2
ND02-4166	7.0	15	13	6	9	3	2	9	5	1
ND02-4190	7.2	15	13	9	9	5	4	5	6	-1
ND02-4218	0.6	2	6	1	0	-3	0	1	-2	0
ND02-4228	6.0	13	13	8	10	1	2	4	4	-1
Date Planted	5/22	5/24	5/18	5/20	5/19	5/31	6/2	5/19	5/18	5/17
Days to Mature	109	112	115	111	116	105	106	105	100	115

**UNIFORM TEST 00, 2005**

**LODGING (score)**

Strain	Mean	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk Ont.	Elora Ont.	St. Bruno Que.
	9 Tests									
MN0071	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	2.0
Jim	1.1	1.0	1.0	1.0	1.3	1.0	1.3	1.0	1.0	1.5
Traill (0)	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.5
M98-101137	1.3	1.0	1.0	1.0	1.0	1.0	1.4	1.0	1.0	3.0
M98-211046	1.3	2.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	2.5
ND99-N2282	1.1	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.2	1.5
ND02-863	1.1	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-875	1.1	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-878	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5
ND02-892	1.2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0
ND02-1687	1.2	1.7	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.5
ND02-1740	1.3	2.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	2.5
ND02-2019	1.1	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0
ND02-2266	1.3	1.7	1.0	1.0	1.0	1.0	1.1	1.0	1.0	3.0
ND02-2682	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-3783	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.5
ND02-3788	1.1	1.7	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0
ND02-4166	1.3	1.0	1.0	1.0	1.7	1.0	1.6	1.0	1.2	2.0
ND02-4190	1.3	1.0	1.0	1.0	1.7	1.0	1.1	1.0	1.0	2.5
ND02-4218	1.2	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	3.0
ND02-4228	1.2	2.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.5

**UNIFORM TEST 00, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk Ont.	Elora Ont.	St. Bruno Que.
	8 Tests									
MN0071	29	22		25	27	28	31	35	29	36
Jim	26	24		22	26	25	28	26	25	31
Traill (0)	27	25		24	28	27	26	28	25	36
M98-101137	29	26		25	29	29	31	27	28	39
M98-211046	30	30		28	29	30	27	28	28	40
ND99-N2282	26	22		21	25	27	27	26	27	32
ND02-863	25	22		20	25	25	28	23	21	34
ND02-875	27	26		23	28	25	28	25	25	34
ND02-878	26	23		23	25	29	26	25	22	34
ND02-892	27	27		24	26	25	26	27	24	37
ND02-1687	28	29		26	30	29	30	26	25	31
ND02-1740	30	31		25	29	31	31	28	30	38
ND02-2019	27	23		22	22	28	29	30	27	36
ND02-2266	30	29		26	30	34	28	24	27	40
ND02-2682	27	24		22	22	33	28	27	26	35
ND02-3783	25	22		20	24	26	25	23	24	38
ND02-3788	28	26		25	28	29	27	28	26	34
ND02-4166	34	36		30	35	37	33	30	32	38
ND02-4190	33	32		28	35	34	33	31	29	39
ND02-4218	30	27		25	29	31	32	30	28	38
ND02-4228	30	30		26	30	28	31	29	28	34

**UNIFORM TEST 00, 2005**

**SEED SIZE (g/100)**

Strain	Mean 8 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk Ont.	Elora Ont.	St. Bruno Que.
MN0071	15.6		13.9	15.4	15.0	15.7	16.9	15.2	14.2	18.3
Jim	15.6		15.7	14.9	13.8	16.2	18.5	14.6	13.2	18.1
Traill (0)	15.8		13.7	14.8	16.2	15.4	16.8	16.8	14.4	18.1
M98-101137	15.5		15.4	13.8	13.7	14.6	17.0	15.9	12.8	20.4
M98-211046	15.4		15.2	14.7	15.9	15.0	16.6	14.5	13.0	18.0
ND99-N2282	15.1		12.9	14.7	14.5	15.2	16.4	15.6	14.2	17.2
ND02-863	16.5		13.0	15.5	14.7	15.6	18.8	17.6	16.2	20.6
ND02-875	15.0		13.9	14.0	14.0	14.2	16.1	15.0	13.2	19.6
ND02-878	17.8		15.2	18.1	16.6	17.1	20.4	20.1	15.3	19.7
ND02-892	15.6		14.6	14.6	14.9	14.7	17.0	15.4	14.1	19.5
ND02-1687	16.2		13.9	15.6	15.8	15.2	17.3	15.9	14.9	21.3
ND02-1740	15.1		14.2	14.6	13.7	14.8	16.2	15.4	13.0	19.2
ND02-2019	16.8		15.5	15.6	16.7	17.3	18.7	17.9	15.5	17.5
ND02-2266	15.0		11.7	14.5	13.9	15.7	15.9	14.4	13.1	20.5
ND02-2682	15.8		15.1	16.2	15.3	14.1	17.6	16.4	13.8	17.7
ND02-3783	17.2		14.6	16.4	15.9	17.9	19.2	18.4	16.3	19.1
ND02-3788	16.2		15.0	15.0	15.0	15.0	18.3	17.2	16.1	18.0
ND02-4166	18.0		17.8	15.9	17.1	19.3	18.3	18.4	14.8	22.1
ND02-4190	14.4		13.4	11.8	14.3	13.4	14.8	15.4	13.0	18.7
ND02-4218	17.6		17.4	16.7	17.0	17.9	19.4	18.4	16.8	17.2
ND02-4228	18.2		19.3	17.5	18.3	16.1	19.2	20.0	16.6	18.7



**UNIFORM TEST 00, 2005**

**SEED QUALITY (score)**

Strain	Mean 8 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk Ont.	Elora Ont.	St. Bruno Que.
MN0071	1.1		1.0	1.0	1.0	1.0	1.0	1.5	1.0	1.0
Jim	1.4		2.0	1.5	1.0	1.0	1.3	1.5	1.5	1.0
Traill (0)	1.1		1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.0
M98-101137	1.3		1.0	1.5	1.0	1.0	1.7	1.5	1.5	1.0
M98-211046	1.2		1.0	1.5	1.0	1.0	1.0	1.5	1.5	1.0
ND99-N2282	1.3		1.0	1.5	1.0	1.0	2.0	1.5	1.5	1.0
ND02-863	2.1		2.0	2.5	2.0	3.0	2.0	2.5	2.0	1.0
ND02-875	1.3		1.0	1.5	1.0	1.0	1.7	1.5	1.5	1.0
ND02-878	1.9		2.0	2.0	2.0	3.0	1.3	2.0	1.5	1.5
ND02-892	1.2		1.5	1.0	1.0	1.0	1.3	1.5	1.5	1.0
ND02-1687	1.5		2.0	2.0	1.5	1.0	1.7	1.5	1.5	1.0
ND02-1740	1.2		1.5	1.0	1.0	1.0	1.0	1.5	1.5	1.0
ND02-2019	1.3		1.0	1.5	1.0	1.0	1.7	2.0	1.5	1.0
ND02-2266	1.2		1.5	1.5	1.0	1.0	1.0	1.0	1.5	1.0
ND02-2682	1.4		1.0	1.5	1.0	2.0	1.7	1.5	1.5	1.0
ND02-3783	1.4		1.5	1.0	1.5	1.0	1.7	2.0	1.5	1.0
ND02-3788	1.6		2.0	2.0	2.0	1.0	2.0	1.5	1.5	1.0
ND02-4166	1.9		2.0	1.5	2.0	2.0	1.7	3.5	1.5	1.0
ND02-4190	1.3		1.5	1.0	1.0	1.0	1.7	2.0	1.5	1.0
ND02-4218	1.3		1.0	1.0	1.0	1.0	1.7	1.5	2.5	1.0
ND02-4228	1.3		1.0	1.5	1.0	1.0	1.3	1.5	2.0	1.0

**UNIFORM TEST 00, 2005**

**PROTEIN (%)**

Strain	Mean 7 Tests	Crookston MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk Ont.	Elora Ont.	St. Bruno Que.
MN0071	38.2	35.7	37.9	39.3	38.2	38.1	39.9	38.2
Jim	39.3	38.1	37.2	39.9	39.6	38.9	42.5	38.7
Trail (0)	40.1	39.5	38.5	40.6	40.5	39.9	41.4	40.1
M98-101137	40.1	40.0	37.9	40.9	41.6	39.3	41.6	39.4
M98-211046	39.8	40.3	37.6	40.4	39.5	40.1	41.6	38.9
ND99-N2282	39.0	36.2	39.5	39.9	39.6	38.6	40.2	38.9
ND02-863	40.0	36.8	38.7	40.1	43.2	39.5	41.9	39.6
ND02-875	37.8	34.5	37.1	39.0	39.0	37.1	40.3	37.9
ND02-878	39.9	35.8	40.0	40.2	41.4	39.8	41.7	40.3
ND02-892	38.3	36.0	37.0	39.4	39.5	37.6	39.7	38.6
ND02-1687	39.2	37.3	38.0	40.4	40.6	38.3	40.9	39.1
ND02-1740	38.3	36.3	36.8	39.8	38.3	37.5	39.8	39.6
ND02-2019	38.7	37.0	37.0	39.6	39.7	39.0	40.3	38.2
ND02-2266	38.3	36.2	36.2	39.9	38.6	37.7	41.1	38.4
ND02-2682	39.2	37.7	39.5	39.6	40.0	38.7	40.9	38.2
ND02-3783	39.5	37.8	37.4	40.0	40.5	40.7	40.7	39.3
ND02-3788	39.2	36.8	37.8	40.1	40.6	39.2	41.2	38.6
ND02-4166	39.7	38.9	38.6	40.1	39.2	40.1	41.0	39.7
ND02-4190	39.0	37.1	39.3	40.4	39.3	39.4	40.4	37.5
ND02-4218	39.1	38.0	37.9	39.8	39.9	38.9	40.1	39.4
ND02-4228	39.3	37.9	38.5	39.8	39.6	39.9	40.6	38.9

**UNIFORM TEST 00, 2005**

**OIL (%)**

Strain	Mean 7 Tests	Crookston MN	Shelly MN	Casselton ND	Beachburg Ont.	Dundalk Ont.	Elora Ont.	St. Bruno Que.
MN0071	22.0	20.6	19.7	22.7	22.6	22.3	22.3	24.1
Jim	20.3	18.3	18.6	22.0	20.8	20.7	19.7	22.1
Trail (0)	20.7	18.6	19.2	21.8	20.9	21.2	20.9	22.2
M98-101137	20.4	17.9	18.8	21.5	20.2	21.2	20.6	22.3
M98-211046	20.2	18.7	17.7	21.9	20.5	20.3	20.3	22.2
ND99-N2282	21.4	19.6	19.0	22.6	21.8	21.8	21.6	23.3
ND02-863	20.5	18.8	18.6	22.1	19.2	21.2	20.4	23.0
ND02-875	21.1	19.5	19.1	22.4	21.3	21.8	20.9	22.8
ND02-878	20.7	19.2	18.8	22.1	20.5	21.5	21.2	21.7
ND02-892	21.8	19.7	19.9	22.8	21.8	22.2	22.2	24.1
ND02-1687	21.5	20.5	20.1	22.3	21.7	22.2	21.5	22.4
ND02-1740	22.0	20.5	20.3	22.6	23.1	22.6	22.2	23.0
ND02-2019	20.8	18.8	19.3	22.3	20.5	20.9	20.6	23.2
ND02-2266	21.5	19.8	20.1	22.4	22.3	22.0	20.7	22.9
ND02-2682	20.9	19.2	19.0	22.3	21.3	21.3	20.8	22.7
ND02-3783	21.3	19.0	19.9	22.5	21.6	21.3	22.0	23.1
ND02-3788	21.6	20.2	19.8	22.4	21.8	22.0	22.0	23.1
ND02-4166	20.8	18.6	19.3	22.3	21.7	20.7	20.5	22.5
ND02-4190	21.0	18.6	18.1	21.9	21.2	21.1	21.4	24.7
ND02-4218	21.7	20.0	20.4	22.6	22.2	22.2	22.2	22.1
ND02-4228	21.3	19.3	19.7	22.1	21.9	21.3	21.4	23.4

**Uniform Test 0, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	Lambert (O)	M75-274 x M76-151	17	F5	Rps1
2.	Parker (I)	A79-136012 x Dawson	14	F5	Rps1
3.	Surge (L)	A86-204022 x Kato	6	F5	
4.	Traill (E)	M82-996 x Sigco KG20	9	F5	
5.	MN0902CN (SCN)	Jack x Alpha	8	F5	SCN
6.	M98-133-20012	Lambert x M94-246152	PT0	F5	SCN, Rps1
7.	M98-237086	MN0301 x Dwight	PT0	F5	SCN, Rps1
8.	M98-252008	MN0302 x PI561.353	PT0	F5	WM, Rps1k, Diversity
9.	ND98-2252	SD92-1323 x M90-370	3	F5	Rps1c
10.	ND01-1687	Pioneer 9092 x ND95-958	UT00	F4	Rps6
11.	ND01-1690	Pioneer 9092 x ND95-958	UT00	F4	Rps6
12.	ND01-1247	Pioneer 9071 x A96-492041	PT0	F4	Rps1c
13.	ND01-2822	ND95-952 x Pioneer 91B01	PT0	F4	Rps6
14.	ND01-3533	IA1009 x ND95-952	PT0	F4	SCN, Rps6
15.	ND01-3535	IA1009 x ND95-952	PT0	F4	SCN, Rps6
16.	ND01-3559	Pioneer 91B01 x ND92-2381	PT0	F4	Rps1k
17.	SD99-700	SD93-954 x Elgin 87	2	F5	Rps1-k
18.	SD00-167	M91-821 x A94-572028	PT0	F5	
19.	SD00-266	M91-821 x E93424	PT0	F5	

UNIFORM TEST 0, 2005

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis	Green Stem	Shattering	PR	
		Score Wilkin Co. MN	Score St. Bruno Que	Score Manhattan KS	Lafayette Race 4	Race 7
Lambert (O)	PGBIYBfI	3.5	1.0	1.0	S	S
Parker (I)	WGBDYBfI	2.7	1.0	1.0	S	S
Surge (L)	PGBDYIbI	2.5	1.0	1.0	S	S*
Traill (E)	PTBIYYI	2.2	1.5	1.0	S	S
MN0902CN (SCN)	WTTIYYI	2.7	2.5	1.0	S	S
M98-133-20012	PGBIYBfI	2.3	1.0	1.0	S	S
M98-237086	PTTDYYI	2.0	1.0	1.0	S	H*
M98-252008	PGBDYBfI	2.3	1.0	1.0	H*	S*
ND98-2252	WTBDYDbrI	2.2	4.5	1.0	H*	R
ND01-1687	PGBDYY+BfI	2.5	1.0	1.0	R	H*
ND01-1690	PGBDYLg+YI	2.3	1.0	1.0	H	R*
ND01-1247	PTBDYGrI	2.0	2.0	1.0	H*	R
ND01-2822	WTTDYYI	2.3	1.0	1.0	R	R*
ND01-3533	W+PSBDYIb+BfI	2.2	1.0	1.0	H*	H*
ND01-3535	WGBDYYI	2.3	1.0	1.0	H*	H*
ND01-3559	PSBDYBfI	2.3	1.0	1.0	R	R
SD99-700	WTBDYBII	2.5	1.0	1.0	R	R
SD00-167	P+WTBDYBII	3.0	1.0	1.0	S	S
SD00-266	PGTDYLgrI	2.3	1.0	1.0	H	S

\* = entry/*Phytophthora sojae* race reaction questionable.

**UNIFORM TEST 0, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 8 Date	Lodging 8 Score	Plant Height 7 In.	Seed Size 8 g/100	Seed Quality 8 Score	<u>Composition</u>	
								Protein 8 %	Oil 8 %
Lambert (0)	53.5	10	9/12	1.8	35	16.3	1.7	40.8	21.4
Parker (I)	55.5	7	8.4	2.8	39	18.8	1.3	39.6	21.2
Surge (L)	53.8	9	2.8	1.7	34	20.2	1.5	41.7	20.9
Traill (E)	44.4	19	-6.5	1.8	30	15.8	1.5	41.0	20.5
MN0902CN (SCN)	49.1	16	0.5	1.6	34	14.1	1.6	42.1	19.9
M98-133-20012	51.8	13	2.3	2.5	36	14.5	1.4	40.6	21.4
M98-237086	54.7	8	3.0	2.4	36	16.0	1.7	40.6	20.0
M98-252008	48.9	17	-4.3	2.0	34	15.0	1.6	41.9	20.4
ND98-2252	51.3	14	-0.9	1.5	33	16.1	2.0	40.0	20.5
ND01-1687	50.1	15	-3.1	1.5	31	15.9	2.0	39.7	21.9
ND01-1690	48.5	18	-3.9	1.8	32	13.8	2.1	37.5	22.6
ND01-1247	59.2	2	2.3	1.1	30	16.8	1.8	38.1	21.4
ND01-2822	53.3	11	-1.0	1.9	33	15.9	1.9	39.0	21.7
ND01-3533	55.6	6	8.4	2.1	36	15.9	1.9	39.3	21.2
ND01-3535	55.8	5	8.6	2.3	34	16.5	1.9	40.0	20.8
ND01-3559	56.3	4	3.8	1.7	34	16.5	1.8	38.6	21.5
SD99-700	53.2	12	1.4	1.3	29	19.5	1.4	41.5	20.9
SD00-167	56.5	3	7.5	1.8	37	19.8	1.5	39.8	21.2
SD00-266	63.5	1	8.0	1.5	36	17.8	1.3	39.3	21.4

115.1 Days After Planting

**UNIFORM TEST 0, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	15 bu/a	15 No.	16 Date	16 Score	14 In.	16 g/100	16 Score	13 %	13 %
Lambert (0)	47.0	3	9/18	1.5	30	16.0	1.5	41.6	20.8
Parker (I)	48.9	1	7.2	2.4	35	17.9	1.5	40.4	20.5
Surge (0)	46.5	4	2.2	1.4	30	19.3	1.4	42.1	20.3
Traill (E)	40.5	7	-6.4	1.4	27	16.2	1.5	41.7	19.8
MN0902CN (SCN)	44.4	6	-1.1	1.4	30	14.3	1.5	42.5	19.5
ND98-2252	46.3	5	-0.4	1.4	30	15.7	1.9	40.6	19.9
SD99-700	47.2	2	2.1	1.3	26	19.1	1.5	42.2	20.0

121.3 Days After Planting

**2003-2005 3-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	22 bu/a	22 No.	24 Date	24 Score	22 In.	23 g/100	23 Score	18 %	18 %
Lambert (0)	43.3	3	9/17	1.4	30	15.8	1.6	41.7	20.7
Parker (I)	45.3	1	6.5	2.2	35	17.1	1.5	40.1	20.4
Surge (0)	43.5	2	1.9	1.4	29	18.6	1.5	42.1	20.4
Traill (E)	34.3	7	-5.8	1.3	26	16.1	1.6	41.5	20.0
MN0902CN (SCN)	41.3	6	-0.6	1.3	30	13.9	1.6	42.5	19.4
ND98-2252	41.4	5	0.2	1.4	30	15.2	1.9	40.3	20.0
SD99-700	43.2	4	1.8	1.2	27	18.7	1.7	42.3	20.0

118.4 Days After Planting

**2002-2005 4-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	31 bu/a	31 No.	33 Date	33 Score	31 In.	32 g/100	31 Score	23 %	23 %
Lambert (0)	44.0	3	9/15	1.4	30	16.2	1.7	41.7	20.4
Parker (I)	46.4	1	6.8	2.1	35	17.4	1.7	40.3	20.1
Surge (0)	44.7	2	1.8	1.4	30	19.0	1.7	41.9	20.2
Traill (E)	36.1	6	-6.6	1.4	27	16.2	1.7	41.6	19.7
MN0902CN (SCN)	42.0	5	-0.7	1.4	30	14.0	1.7	42.4	19.2
ND98-2252	42.5	4	0.0	1.3	30	15.5	2.1	40.3	19.7

118.9 Days After Planting

**UNIFORM TEST 0, 2005**

**YIELD (bu/a)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (O)	53.5	66.8	64.9	49.2	31.4	54.0	51.6	55.1	55.3
Parker (I)	55.5	49.4	68.0	48.9	35.5	57.1	58.6	66.1	60.6
Surge (L)	53.8	52.5	65.7	50.0	36.1	57.7	59.2	47.3	61.6
Traill (E)	44.4	52.5	49.7	49.0	28.8	43.8	44.8	41.9	44.6
MN0902CN (SCN)	49.1	41.3	63.6	49.6	32.8	49.5	51.7	51.0	53.2
M98-133-20012	51.8	66.9	65.9	47.9	32.6	51.1	50.3	50.0	49.8
M98-237086	54.7	59.0	64.6	49.7	37.9	56.1	58.9	52.3	59.3
M98-252008	48.9	54.9	57.0	48.0	32.2	48.6	50.6	52.6	47.4
ND98-2252	51.3	50.4	62.4	49.7	32.4	51.0	57.2	54.3	53.1
ND01-1687	50.1	54.8	55.7	48.6	33.8	48.8	53.7	53.1	52.0
ND01-1690	48.5	42.3	59.0	49.9	28.4	47.8	52.6	51.4	56.2
ND01-1247	59.2	67.2	68.4	50.0	39.3	59.0	60.4	73.3	55.8
ND01-2822	53.3	60.8	65.0	49.8	30.5	50.2	60.1	56.5	53.5
ND01-3533	55.6	66.8	63.4	49.5	36.1	56.7	60.6	57.4	54.6
ND01-3535	55.8	74.2	53.8	48.4	33.8	53.9	61.6	58.8	62.0
ND01-3559	56.3	70.9	58.8	49.7	31.3	57.2	65.1	61.6	56.0
SD99-700	53.2	60.0	59.9	49.3	34.4	52.0	56.7	60.2	53.0
SD00-167	56.5	69.5	62.5	47.9	35.9	57.8	58.3	64.0	56.0
SD00-266	63.5	76.8	73.8	46.8	39.2	60.1	72.6	71.3	67.0
C.V. (%)		6.7	9.3	2.8	8.7	9.5	9.6	8.5	6.2
L.S.D. (5%)		6.7	9.5	2.2	4.9	8.5	9.1	8.4	5.7
Row Sp. (In.)		10	10	30	16	14	14	7	30
Rows/Plot		8	8	4	4	4	4	5	4
Reps		3	3	3	3	3	3	2	3



**UNIFORM TEST 0, 2005**

**YIELD RANK**

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	10	7	7	11	15	9	16	10	10
Parker (I)	7	17	3	13	7	6	9	3	4
Surge (L)	9	14	5	1	4	4	7	18	3
Traill (E)	19	14	19	12	18	19	19	19	19
MN0902CN (SCN)	16	19	9	8	11	15	15	16	13
M98-133-20012	13	6	4	17	12	12	18	17	17
M98-237086	8	11	8	5	3	8	8	14	5
M98-252008	17	12	16	16	14	17	17	13	18
ND98-2252	14	16	12	5	13	13	11	11	14
ND01-1687	15	13	17	14	10	16	13	12	16
ND01-1690	18	18	14	3	19	18	14	15	6
ND01-1247	2	5	2	2	1	2	5	1	9
ND01-2822	11	9	6	4	17	14	6	9	12
ND01-3533	6	7	10	9	5	7	4	8	11
ND01-3535	5	2	18	15	9	10	3	7	2
ND01-3559	4	3	15	5	16	5	2	5	7
SD99-700	12	10	13	10	8	11	12	6	15
SD00-167	3	4	11	17	6	3	10	4	7
SD00-266	1	1	1	19	2	1	1	2	1

**UNIFORM TEST 0, 2005**

**MATURITY (date)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	9/12	9/23	9/8	9/24	9/8	9/4	9/9	9/16	9/4
Parker (I)	8.4	5	8	9	12	10	6	7	10
Surge (L)	2.8	-4	3	4	5	6	4	2	2
Trail (E)	-6.5	-14	-3	-9	-8	-1	-4	-8	-5
MN0902CN (SCN)	0.5	-4	1	-3	4	3	1	1	1
M98-133-20012	2.3	1	2	2	3	5	4	0	1
M98-237086	3.0	-2	2	-2	10	8	3	0	5
M98-252008	-4.3	-11	-4	-7	-1	-1	-2	-3	-5
ND98-2252	-0.9	-8	1	-4	4	1	2	-2	-1
ND01-1687	-3.1	-9	-3	-5	-2	1	0	-4	-3
ND01-1690	-3.9	-11	-3	-6	-2	0	-3	-3	-3
ND01-1247	2.3	1	2	3	3	2	3	1	3
ND01-2822	-1.0	-4	0	0	-1	0	-4	0	1
ND01-3533	8.4	6	7	8	9	10	9	8	10
ND01-3535	8.6	5	7	7	11	9	11	8	11
ND01-3559	3.8	0	2	4	5	6	5	5	3
SD99-700	1.4	-2	1	-2	4	4	4	-1	3
SD00-167	7.5	6	5	5	11	9	8	6	10
SD00-266	8.0	5	6	8	10	9	11	6	9
Date Planted	5/19	5/23	5/6	5/31	5/20	5/20	5/21	5/17	5/21
Days to Mature	115	123	125	116	111	107	111	122	106

**UNIFORM TEST 0, 2005**

**LODGING (score)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (O)	1.8	2.7	1.0	1.3	1.8	1.8	1.2	3.5	1.0
Parker (I)	2.8	3.3	1.3	2.0	3.0	2.6	2.8	4.5	3.0
Surge (L)	1.7	1.7	1.0	1.0	2.2	1.1	1.3	3.5	2.0
Trail (E)	1.8	3.3	1.0	1.0	1.1	1.4	1.0	3.5	2.0
MN0902CN (SCN)	1.6	2.7	1.0	1.0	1.6	1.0	1.2	3.0	1.0
M98-133-20012	2.5	3.7	1.0	2.0	2.3	1.4	3.2	3.5	3.0
M98-237086	2.4	3.7	1.0	1.7	2.3	2.1	2.7	4.0	2.0
M98-252008	2.0	3.7	1.0	1.3	2.1	1.4	1.3	3.0	2.0
ND98-2252	1.5	3.0	1.0	1.0	1.5	1.0	1.2	2.5	1.0
ND01-1687	1.5	2.7	1.0	1.0	1.3	0.9	1.0	3.0	1.0
ND01-1690	1.8	3.0	1.0	1.0	1.6	1.4	1.0	3.0	2.0
ND01-1247	1.1	1.7	1.0	1.0	1.0	1.3	1.0	1.0	1.0
ND01-2822	1.9	3.0	1.0	1.0	2.0	1.4	1.0	3.5	2.0
ND01-3533	2.1	3.3	1.3	1.7	1.7	1.4	2.0	2.5	3.0
ND01-3535	2.3	2.7	2.0	1.7	1.5	1.6	2.7	4.5	2.0
ND01-3559	1.7	2.3	1.0	1.3	2.1	0.9	1.2	4.0	1.0
SD99-700	1.3	2.3	1.0	1.0	1.0	0.9	1.0	2.5	1.0
SD00-167	1.8	2.0	1.0	1.0	2.3	1.1	1.8	4.0	1.0
SD00-266	1.5	1.7	1.0	1.0	1.3	1.2	1.0	4.0	1.0

**UNIFORM TEST 0, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	35		34	34	37	33	29	41	34
Parker (I)	39		30	36	43	38	39	47	37
Surge (L)	34		29	33	37	34	30	43	35
Traill (E)	30		26	29	35	27	28	36	28
MN0902CN (SCN)	34		29	33	37	34	31	42	33
M98-133-20012	36		30	33	40	34	37	40	38
M98-237086	36		28	35	37	35	36	42	39
M98-252008	34		30	34	37	34	31	38	36
ND98-2252	33		29	34	36	31	30	43	31
ND01-1687	31		24	30	37	28	27	40	31
ND01-1690	32		27	32	33	32	28	38	35
ND01-1247	30		30	30	30	29	26	36	29
ND01-2822	33		31	32	36	32	28	39	34
ND01-3533	36		31	37	37	33	36	42	39
ND01-3535	34		27	33	32	33	34	41	36
ND01-3559	34		33	33	35	32	30	42	35
SD99-700	29		26	28	31	26	27	35	27
SD00-167	37		31	35	40	35	37	48	36
SD00-266	36		31	32	36	36	38	42	37

**UNIFORM TEST 0, 2005**

**SEED SIZE (g/100)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	16.3	15.5	15.5	15.3	13.4	17.6	17.9	19.1	16.0
Parker (I)	18.8	18.3	16.6	18.2	19.3	19.5	19.3	22.4	16.6
Surge (L)	20.2	18.0	16.2	20.4	18.8	21.0	23.0	24.7	19.1
Trail (E)	15.8	14.8	15.2	15.1	14.3	15.8	18.7	18.1	14.0
MN0902CN (SCN)	14.1	12.6	12.4	12.9	14.4	15.1	16.7	16.2	12.5
M98-133-20012	14.5	12.6	12.2	13.6	14.1	16.0	15.7	17.6	14.4
M98-237086	16.0	14.5	15.0	14.9	15.8	18.3	17.7	17.9	13.5
M98-252008	15.0	13.6	14.0	14.4	13.5	16.5	17.3	18.0	12.9
ND98-2252	16.1	14.3	15.9	16.0	16.3	16.6	17.3	18.6	14.0
ND01-1687	15.9	14.6	15.5	15.5	13.3	16.4	18.6	18.1	15.4
ND01-1690	13.8	12.8	12.8	13.9	12.5	14.0	14.7	15.9	13.5
ND01-1247	16.8	14.9	15.5	17.6	15.8	17.3	18.7	19.0	15.5
ND01-2822	15.9	13.9	15.4	14.0	14.2	16.8	18.3	19.5	15.0
ND01-3533	15.9	15.6	13.0	14.7	16.6	16.8	16.9	19.6	14.1
ND01-3535	16.5	16.6	13.5	15.1	17.1	17.1	18.9	19.6	14.0
ND01-3559	16.5	14.9	16.3	16.2	15.4	17.4	18.4	19.5	14.2
SD99-700	19.5	16.1	18.4	20.7	19.0	19.8	21.2	23.6	17.0
SD00-167	19.8	18.8	16.3	19.8	20.1	22.2	19.5	23.9	17.9
SD00-266	17.8	15.4	16.0	16.6	19.3	19.7	18.8	20.3	16.4

**UNIFORM TEST 0, 2005**

**SEED QUALITY (score)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	1.7	1.0	1.0	1.0	2.3	1.5	1.5	3.0	2.0
Parker (I)	1.3	1.0	1.5	1.0	1.0	1.5	1.5	1.0	2.0
Surge (L)	1.5	1.0	2.0	1.0	1.3	1.5	1.5	1.5	2.0
Trail (E)	1.5	1.0	1.0	1.0	2.3	1.5	1.5	2.0	2.0
MN0902CN (SCN)	1.6	1.0	1.5	1.0	1.3	1.5	1.5	3.0	2.0
M98-133-20012	1.4	1.0	1.0	1.0	1.3	1.5	1.5	2.0	2.0
M98-237086	1.7	1.0	1.5	1.0	1.7	1.5	1.5	3.0	2.0
M98-252008	1.6	1.0	1.0	1.0	2.0	1.5	1.5	3.0	2.0
ND98-2252	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
ND01-1687	2.0	1.5	2.0	1.0	2.0	2.0	2.5	3.0	2.0
ND01-1690	2.1	1.5	2.0	2.0	2.0	2.5	2.0	3.0	2.0
ND01-1247	1.8	1.5	1.5	2.0	1.7	1.5	1.5	2.0	3.0
ND01-2822	1.9	1.5	2.0	2.0	2.0	2.0	1.5	2.0	2.0
ND01-3533	1.9	2.0	2.5	1.0	2.0	1.5	1.5	2.0	3.0
ND01-3535	1.9	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0
ND01-3559	1.8	1.0	2.0	2.0	1.7	1.5	1.5	2.5	2.0
SD99-700	1.4	1.5	1.0	1.0	1.7	1.5	1.5	1.0	2.0
SD00-167	1.5	1.5	1.5	2.0	2.0	1.0	1.0	1.0	2.0
SD00-266	1.3	1.0	1.5	2.0	1.0	1.0	1.0	1.0	2.0

**UNIFORM TEST 0, 2005**

**PROTEIN (%)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont.	St. Pauls Ont.	Woodstock Ont.	St. Bruno Que.	Aurora SD
Lambert (O)	40.8	41.1	40.3	39.8	41.9	42.6	44.0	40.3	36.3
Parker (I)	39.6	39.2	38.6	40.1	39.6	41.2	41.4	39.4	37.5
Surge (L)	41.7	39.9	41.2	41.1	41.8	43.2	44.7	42.6	38.7
Traill (E)	41.0	40.0	38.8	41.2	43.4	42.1	43.9	41.1	37.8
MN0902CN (SCN)	42.1	40.9	40.0	41.7	42.7	44.0	45.1	43.1	39.2
M98-133-20012	40.6	40.2	39.5	40.2	41.3	41.5	44.3	40.5	37.4
M98-237086	40.6	39.7	39.1	40.7	41.4	41.8	43.4	40.7	38.1
M98-252008	41.9	42.2	41.3	41.4	42.0	43.5	44.6	40.4	39.5
ND98-2252	40.0	39.9	37.7	40.4	40.9	40.8	41.9	40.0	38.3
ND01-1687	39.7	39.6	36.8	39.4	41.3	40.8	41.7	39.5	38.3
ND01-1690	37.5	37.4	35.3	39.2	39.6	39.1	38.9	37.1	33.7
ND01-1247	38.1	39.0	36.1	39.0	39.1	39.5	40.0	37.5	34.4
ND01-2822	39.0	38.9	37.1	39.3	40.7	39.8	41.1	39.1	36.1
ND01-3533	39.3	39.1	37.3	40.2	39.4	40.3	41.3	39.8	36.8
ND01-3535	40.0	39.1	39.6	40.6	40.2	41.2	42.3	40.6	36.5
ND01-3559	38.6	36.1	38.6	40.0	40.1	39.1	40.4	38.4	36.5
SD99-700	41.5	38.7	41.0	41.2	42.4	44.3	44.8	41.5	37.8
SD00-167	39.8	38.9	39.0	40.1	39.9	41.0	42.7	40.0	36.8
SD00-266	39.3	38.6	38.8	39.8	38.7	40.8	41.9	38.7	36.7

**UNIFORM TEST 0, 2005**

**OIL (%)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont.	St. Pauls Ont.	Woodstock Ont.	St. Bruno Que.	Aurora SD
Lambert (O)	21.4	19.0	21.1	22.1	21.5	21.3	20.4	23.5	22.7
Parker (I)	21.2	19.3	20.6	21.8	22.1	20.9	20.9	22.9	21.4
Surge (L)	20.9	20.0	20.3	21.8	21.9	20.8	19.9	21.8	21.0
Traill (E)	20.5	19.1	20.2	21.5	19.9	20.7	19.8	21.8	21.2
MN0902CN (SCN)	19.9	18.5	19.4	21.1	19.9	19.8	19.5	20.8	20.0
M98-133-20012	21.4	19.7	21.2	21.8	21.1	21.6	20.7	23.2	22.2
M98-237086	20.0	18.4	19.1	21.4	20.5	20.1	19.4	21.4	19.6
M98-252008	20.4	17.8	19.5	21.5	21.3	20.2	19.8	22.6	20.7
ND98-2252	20.5	18.3	20.3	21.8	20.8	21.1	20.2	21.8	20.0
ND01-1687	21.9	20.2	22.5	22.4	21.6	21.9	21.6	23.2	21.9
ND01-1690	22.6	20.8	22.7	22.6	22.5	22.6	22.4	24.2	23.1
ND01-1247	21.4	19.1	20.6	21.7	22.2	21.7	21.5	22.9	21.3
ND01-2822	21.7	19.7	21.6	22.2	21.1	22.6	21.6	23.3	21.5
ND01-3533	21.2	19.6	20.8	22.0	22.1	20.9	20.8	22.5	21.1
ND01-3535	20.8	19.5	19.1	21.9	21.9	20.5	20.0	22.2	21.6
ND01-3559	21.5	20.7	20.2	22.2	21.6	21.9	21.4	23.2	21.0
SD99-700	20.9	20.0	20.4	21.8	21.0	20.5	20.0	22.2	21.7
SD00-167	21.2	19.8	20.5	22.1	21.8	21.2	20.4	22.4	21.8
SD00-266	21.4	20.0	20.3	21.9	22.8	21.4	20.3	23.5	21.3



**Preliminary Test 0, 2005**

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	Lambert (O)	M75-274 x M76-151	F5	Rps1
2.	Parker (I)	A79-136012 x Dawson	F5	Rps1
3.	Surge (L)	A86-204022 x Kato	F5	
4.	Traill (E)	M82-996 x Sigco KG20	F5	
5.	M00-103043	M91-134038 x SD93-828	F4	Rps1
6.	M00-110002	U96-2408 x MN0302	F4	Rps6
7.	M99-209070	Traill x MN0302	F5	Rps1k
8.	M99-230063	IA1006 x MN0302	F5	Rps1k
9.	M99-232001	U96-2408 x MN0302	F5	Rps6
10.	M99-274166	PI548.379 x S-1990	F5	Rps1c
11.	M99-278133	MN0301 x S-1990	F5	Rps1
12.	M99-311009	M93-137037 x MN1601SP	F5	
13.	ND01-1912	Pioneer 9092 x ND95-958	F4	Rps1c
14.	ND01-3901	Pioneer 9071 x A96-492041	F4	Rps1c
15.	ND01-3906	Pioneer 9071 x A96-492041	F4	Rps1c
16.	ND02-971	ND92-2381 x ND95-938	F4	Rps6
17.	ND02-991	ND92-2381 x ND95-938	F4	Rps6
18.	ND02-992	ND92-2381 x ND95-938	F4	Rps6
19.	ND02-1175	Barnes x Korada	F4	Rps6
20.	ND02-1690	Barnes x Korada	F4	Rps6
21.	ND02-1840	Sargent x ND95-958	F4	Rps6
22.	ND02-2223	ND95-955 x ND95-6634	F4	Rps6
23.	ND02-2226	ND95-955 x ND95-6634	F4	Rps6
24.	ND02-2371	ND95-952 x Council	F4	Rps6
25.	SD02-829	Surge x Pion 9151	F4	Seg Rps1-k
26.	SD02-833	Surge x Pion 9151	F4	Rps1-k
27.	SD02-895	Vinton81 x Surge	F4	Rps1-c
28.	SD02-1045		F4	Rps1-k, Rps6
29.	SD02-1138	Parker x Pion 9071	F4	Seg Rps1-c
30.	SD02-1190	SD94-667 x C1939	F4	Rps1-a
31.	SD02-1217	SD94-817 x A96591076	F4	
32.	U02-100224	HARBIN92-1062 x NE1900	F5	
33.	U02-100652	NE1900 x BAI NONG 6 HAO	F5	
34.	U02-140131	NE1900 x A97-770031	F5	
35.	U02-140132	NE1900 x A97-770031	F5	

**PRELIMINARY TEST 0, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	Fe Chlorosis	Green Stem	Shattering	PR	
		Score	Score	Score	Lafayette	
		Wilkin Co. MN	St. Bruno Que	Manhattan KS	Race 4	Race 7
Lambert (O)	PGBIYBfI	2.5	1.0	1.0	S	S
Parker (I)	WGBDYBfI	2.8	1.0	1.0	S	S
Surge (L)	PGBDYIbI	2.2	1.0	1.0	S	S*
Traill (E)	PTBIYYI	1.8	2.0	1.0	S	S
M00-103043	PGBDYBfI	2.0	2.5	1.0	R*	R*
M00-110002	WGTDYBfI	2.0	2.0	1.0	R	S
M99-209070	PGBDYBfI	2.5	1.0	1.0	H	H
M99-230063	PGTDYBfI	2.3	1.0	1.0	H	H
M99-232001	WGTDYGrI	3.5	2.0	1.0	R	S
M99-274166	PGBDYII	2.8	1.0	2.0	S	R
M99-278133	PSTDYII	2.3	1.5	1.0	S	S
M99-311009	WGBDYII	1.8	1.0	1.0	R	R
ND01-1912	WGBDYII	2.7	1.0	1.0	S	R
ND01-3901	PSBDYSI	2.8	2.0	1.0	S	R
ND01-3906	PGBDYII	2.0	2.0	1.0	S	R
ND02-971	PGBDYII	2.5	1.0	1.0	H	S
ND02-991	PGBDYII	2.5	1.0	1.0	R	S
ND02-992	PGBDYII	2.5	2.5	1.0	R	R*
ND02-1175	PGBDYBfI	2.8	1.0	3.0	R	S
ND02-1690	WGBDYII	3.0	1.0	1.0	R	S
ND02-1840	WGBDYII	2.8	2.0	1.0	R	S
ND02-2223	WGBDYII	2.0	2.5	1.0	R	S
ND02-2226	WGBDYBfI	2.8	1.0	1.0	R	S
ND02-2371	PGBDYII	2.5	1.0	1.0	R	S
SD02-829	PTBDYBII	2.3	1.0	1.0	H	H
SD02-833	PTBDYBII	2.3	1.0	1.0	R	R
SD02-895	PGTDYBfI	3.0	1.0	1.0	S	R
SD02-1045	WGTDYBfI	2.8	1.0	1.0	R	R
SD02-1138	PGBDYBfI	2.8	2.0	1.0	S	H
SD02-1190	PTBDYBII	2.2	1.0	1.0	S	S
SD02-1217	WGBDYBfI	2.2	1.5	2.0	S	S
U02-100224	WGBDYII	2.5	1.0	2.0	S	S
U02-100652	WGBDYII	2.8	1.0	1.0	S	S
U02-140131	PGBDYII	2.2	1.5	1.0	H	H
U02-140132	WGBDYII	2.2	2.0	2.0	H	H

\* = entry/*Phytophthora sojae* race reaction questionable.

**PRELIMINARY TEST 0, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 9 bu/a	Rank 9 No.	Maturity 10 Date	Lodging 10 Score	Plant Height 8 In.	Seed Size 11 g/100	Seed Quality 8 Score	Composition	
								Protein 8 %	Oil 8 %
Lambert (0)	49.1	27	9/9	1.7	34	16.1	1.5	40.4	21.7
Parker (I)	56.6	3	6.7	2.5	39	18.9	1.4	39.4	21.3
Surge (L)	55.7	5	2.1	1.6	33	19.8	1.4	41.3	21.2
Traill (E)	41.7	35	-6.4	1.4	28	15.8	1.4	41.1	20.7
M00-103043	53.7	10	3.5	1.3	34	16.9	1.5	40.3	21.5
M00-110002	56.3	4	2.1	1.8	39	16.0	1.2	38.7	21.2
M99-209070	51.2	18	0.3	1.2	32	17.5	1.4	40.9	20.9
M99-230063	49.4	24	-1.9	1.4	33	15.3	1.5	39.5	21.4
M99-232001	51.3	17	0.5	1.0	36	13.9	1.4	40.4	21.0
M99-274166	49.2	26	-0.1	1.6	30	16.8	1.6	39.6	21.2
M99-278133	48.5	29	-0.3	2.1	36	16.8	1.6	38.9	21.1
M99-311009	52.7	13	1.9	1.9	35	17.1	1.3	39.0	21.4
ND01-1912	46.0	33	-3.2	1.2	30	14.9	1.4	39.7	21.8
ND01-3901	59.6	1	4.3	1.3	35	16.7	1.4	38.0	21.3
ND01-3906	53.8	9	0.7	1.2	33	16.1	1.7	38.9	21.4
ND02-971	51.5	16	-3.0	1.8	32	16.9	1.9	38.2	22.5
ND02-991	50.4	22	-2.1	1.6	32	16.3	1.9	37.8	22.6
ND02-992	46.6	32	-3.2	1.4	31	16.1	1.4	39.8	21.5
ND02-1175	51.8	15	0.3	1.2	31	16.5	1.9	38.8	21.9
ND02-1690	44.6	34	-1.0	1.6	31	17.4	1.5	39.2	22.6
ND02-1840	51.1	19	-0.2	1.8	33	17.0	1.6	38.5	22.5
ND02-2223	47.9	30	-2.4	1.1	30	14.7	1.6	39.7	21.5
ND02-2226	46.9	31	-2.5	1.5	31	14.5	1.6	38.8	22.0
ND02-2371	50.5	20	-2.4	1.4	32	16.5	1.5	38.1	22.3
SD02-829	53.2	11	0.8	1.4	32	18.5	1.4	40.4	21.4
SD02-833	58.5	2	5.1	2.2	36	18.5	1.6	39.7	21.3
SD02-895	52.1	14	3.7	1.7	32	19.7	1.4	41.9	20.4
SD02-1045	54.5	6	6.9	1.6	36	17.3	1.4	39.2	21.1
SD02-1138	54.4	7	4.1	1.9	35	18.3	1.6	37.5	21.7
SD02-1190	48.7	28	2.4	2.2	36	16.9	1.2	44.7	18.6
SD02-1217	50.3	23	2.4	1.5	33	18.0	1.5	40.3	21.0
U02-100224	53.9	8	1.4	1.6	33	17.5	1.7	38.1	21.2
U02-100652	49.4	24	2.6	1.5	33	16.6	1.4	38.4	20.7
U02-140131	53.2	11	1.7	1.9	35	15.4	1.4	37.6	21.9
U02-140132	50.5	20	0.1	1.6	32	15.9	1.5	39.0	21.1

112.6 Days After Planting

**PRELIMINARY TEST 0, 2005**

**YIELD (bu/a)**

Strain	Mean 9 Tests	Morris* MN	Rosemount MN	Casselton ND	Beemer NE	Cotesfield* NE	Goener NE
Lambert (O)	49.1	27.1	48.1	48.7	46.1	24.6	43.0
Parker (I)	56.6	45.1	50.4	48.7	52.8	49.0	73.2
Surge (L)	55.7	29.9	59.2	48.3	50.7	59.8	57.3
Traill (E)	41.7	24.9	47.9	44.4	25.0	48.0	30.2
M00-103043	53.7	33.2	61.8	48.4	41.2	58.6	60.0
M00-110002	56.3	33.9	56.8	49.1	39.6	63.5	66.0
M99-209070	51.2	34.1	44.6	45.8	38.0	45.3	51.0
M99-230063	49.4	28.0	57.3	45.0	33.1	41.6	50.7
M99-232001	51.3	31.8	57.4	42.9	34.6	53.9	57.3
M99-274166	49.2	21.0	54.3	48.4	33.2	38.8	48.7
M99-278133	48.5	22.9	44.0	43.5	39.1	44.6	46.8
M99-311009	52.7	26.4	52.4	47.6	39.3	51.0	58.0
ND01-1912	46.0	18.4	39.9	44.5	29.6	30.1	46.2
ND01-3901	59.6	34.2	53.3	49.6	54.2	65.6	75.2
ND01-3906	53.8	27.5	62.5	42.1	40.8	52.6	59.3
ND02-971	51.5	27.6	55.3	44.0	41.0	47.6	46.6
ND02-991	50.4	22.5	51.7	46.9	40.4	49.9	38.7
ND02-992	46.6	25.6	41.4	48.3	27.8	36.9	50.8
ND02-1175	51.8	26.5	48.1	49.9	35.7	25.3	54.0
ND02-1690	44.6	22.1	41.3	47.2	28.4	34.0	31.1
ND02-1840	51.1	28.0	53.6	47.2	35.4	44.5	53.5
ND02-2223	47.9	26.7	49.1	46.4	30.3	54.7	50.8
ND02-2226	46.9	26.9	43.2	49.2	33.8	41.1	48.6
ND02-2371	50.5	28.0	49.4	48.9	36.2	53.1	55.5
SD02-829	53.2	28.1	58.9	47.6	42.0	57.5	49.4
SD02-833	58.5	36.8	56.5	48.7	53.5	71.3	64.1
SD02-895	52.1	28.8	50.6	45.5	42.8	19.3	53.6
SD02-1045	54.5	35.0	57.9	47.1	45.1	52.9	62.4
SD02-1138	54.4	38.1	50.3	41.9	52.2	65.7	59.4
SD02-1190	48.7	25.0	53.6	45.3	38.8	48.0	56.2
SD02-1217	50.3	24.9	45.9	42.2	34.7	49.7	54.3
U02-100224	53.9	26.6	52.4	48.7	48.7	49.4	59.0
U02-100652	49.4	24.1	48.2	45.7	46.3	35.1	47.0
U02-140131	53.2	32.7	53.7	48.3	43.4	37.8	51.8
U02-140132	50.5	22.5	46.9	46.4	38.4	52.1	53.2
C.V. (%)		19.1	12.6	8.6	8.6	26.7	12.3
L.S.D. (5%)		10.9	13.1	9.1	7.1	25.6	13.3
Row Sp. (In.)		10	10	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		2	2	3	2	2	2

\*Data not included in mean.

**PRELIMINARY TEST 0, 2005**

**YIELD (bu/a)**

Strain	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	36.2	56.2	58.8	57.5	47.5
Parker (I)	37.9	66.9	62.6	66.2	50.4
Surge (L)	36.0	68.5	59.3	67.8	54.1
Traill (E)	30.9	47.2	51.5	49.0	49.4
M00-103043	36.5	67.0	57.3	60.2	50.5
M00-110002	38.0	76.4	62.8	65.1	53.0
M99-209070	38.0	69.7	60.9	59.2	53.8
M99-230063	33.7	63.6	54.2	55.5	51.3
M99-232001	36.5	65.8	55.8	59.4	51.6
M99-274166	36.5	62.7	49.5	62.1	47.6
M99-278133	37.2	61.3	57.8	64.6	42.3
M99-311009	37.6	71.9	57.6	59.6	50.6
ND01-1912	33.1	48.3	54.3	69.1	48.8
ND01-3901	40.5	75.4	68.1	65.4	54.9
ND01-3906	40.8	71.7	59.4	53.3	54.3
ND02-971	33.4	69.0	58.0	63.7	52.1
ND02-991	35.1	64.0	60.6	67.0	48.8
ND02-992	34.5	56.0	49.6	60.0	50.7
ND02-1175	40.9	66.3	60.2	59.0	51.9
ND02-1690	31.3	62.6	57.6	56.4	45.5
ND02-1840	33.1	66.5	58.5	59.3	53.0
ND02-2223	32.9	56.8	54.6	64.6	45.3
ND02-2226	29.2	58.9	52.9	60.8	45.3
ND02-2371	35.9	63.7	52.5	57.1	55.0
SD02-829	36.0	59.5	64.5	68.0	53.2
SD02-833	38.3	71.4	69.2	67.7	57.0
SD02-895	34.8	71.6	60.0	66.2	43.8
SD02-1045	40.0	64.7	59.7	61.2	52.6
SD02-1138	38.8	62.8	62.4	60.0	62.1
SD02-1190	31.9	60.2	52.5	51.6	48.6
SD02-1217	36.1	64.2	59.4	59.1	56.7
U02-100224	34.0	72.8	57.5	60.5	51.8
U02-100652	33.4	60.4	53.8	58.4	51.0
U02-140131	37.1	70.2	54.2	55.9	64.3
U02-140132	35.1	67.3	56.3	52.9	58.3
C.V. (%)	4.8	6.8	4.9	7.1	10.8
L.S.D. (5%)	3.6	9.8	6.5	7.3	11.3
Row Sp. (In.)	16	14	14	7	30
Rows/Plot	4	4	4	5	4
Reps	2	2	2	2	3

**PRELIMINARY TEST 0, 2005**

**YIELD RANK**

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Beemer NE	Cotesfield NE	Goener NE
Lambert (O)	27	19	25	6	8	34	32
Parker (I)	3	1	20	8	3	18	2
Surge (L)	5	11	3	12	5	5	11
Traill (E)	35	27	27	29	35	19	35
M00-103043	10	8	2	11	13	6	6
M00-110002	4	7	8	4	17	4	3
M99-209070	18	6	30	23	22	22	21
M99-230063	24	14	7	27	30	25	24
M99-232001	17	10	6	32	27	9	11
M99-274166	26	34	11	10	29	27	26
M99-278133	29	30	31	31	19	23	29
M99-311009	13	24	16	15	18	14	10
ND01-1912	33	35	35	28	32	32	31
ND01-3901	1	5	15	2	1	3	1
ND01-3906	9	18	1	34	15	12	8
ND02-971	16	17	10	30	14	21	30
ND02-991	22	31	18	20	16	15	33
ND02-992	32	25	33	12	34	29	22
ND02-1175	15	23	25	1	24	33	16
ND02-1690	34	33	34	17	33	31	34
ND02-1840	19	14	13	17	25	24	18
ND02-2223	30	21	23	21	31	8	22
ND02-2226	31	20	32	3	28	26	27
ND02-2371	20	14	22	5	23	10	14
SD02-829	11	13	4	15	12	7	25
SD02-833	2	3	9	8	2	1	4
SD02-895	14	12	19	25	11	35	17
SD02-1045	6	4	5	19	9	11	5
SD02-1138	7	2	21	35	4	2	7
SD02-1190	28	26	13	26	20	19	13
SD02-1217	23	27	29	33	26	16	15
U02-100224	8	22	16	6	6	17	9
U02-100652	24	29	24	24	7	30	28
U02-140131	11	9	12	12	10	28	20
U02-140132	20	31	28	21	21	13	19

**PRELIMINARY TEST 0, 2005**

**YIELD RANK**

Strain	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (O)	16	32	15	27	30
Parker (I)	9	14	5	6	24
Surge (L)	18	11	14	3	9
Traill (E)	34	35	33	35	25
M00-103043	13	13	22	17	23
M00-110002	8	1	4	9	12
M99-209070	7	9	7	23	10
M99-230063	26	22	27	31	19
M99-232001	14	17	24	21	18
M99-274166	15	24	35	13	29
M99-278133	11	26	18	10	35
M99-311009	10	4	19	20	22
ND01-1912	29	34	26	1	26
ND01-3901	3	2	2	8	7
ND01-3906	2	5	12	32	8
ND02-971	28	10	17	12	15
ND02-991	22	20	8	5	26
ND02-992	24	33	34	18	21
ND02-1175	1	16	9	25	16
ND02-1690	33	25	19	29	31
ND02-1840	30	15	16	22	12
ND02-2223	31	31	25	10	32
ND02-2226	35	30	30	15	33
ND02-2371	20	21	31	28	6
SD02-829	19	29	3	2	11
SD02-833	6	7	1	4	4
SD02-895	23	6	10	6	34
SD02-1045	4	18	11	14	14
SD02-1138	5	23	6	18	2
SD02-1190	32	28	31	34	28
SD02-1217	17	19	12	24	5
U02-100224	25	3	21	16	17
U02-100652	27	27	29	26	20
U02-140131	12	8	27	30	1
U02-140132	21	12	23	33	3

**PRELIMINARY TEST 0, 2005**

**MATURITY (date)**

Strain	Mean 10 Tests	Morris MN	Rosemount MN	Casselton ND	Beemer NE	Cotesfield NE	Goener NE
Lambert (O)	9/9	9/13	9/7	9/25		9/15	8/31
Parker (I)	6.7	6	5	7		5	4
Surge (L)	2.1	0	3	-1		2	1
Traill (E)	-6.4	-10	-1	-11			-8
M00-103043	3.5	4	6	6		-1	2
M00-110002	2.1	0	3	1		-2	1
M99-209070	0.3	-3	1	0		-1	-1
M99-230063	-1.9	-4	-1	-5		-3	-4
M99-232001	0.5	-3	0	-4		-2	-1
M99-274166	-0.1	-4	2	1		0	-2
M99-278133	-0.3	-3	0	0			-2
M99-311009	1.9	1	1	-1		0	1
ND01-1912	-3.2	-10	-1	-8		1	-6
ND01-3901	4.3	3	3	6		2	4
ND01-3906	0.7	-2	5	-2		0	1
ND02-971	-3.0	-6	-1	-4		-2	-5
ND02-991	-2.1	-5	-1	-5		-2	-3
ND02-992	-3.2	-5	-1	-5		-1	-6
ND02-1175	0.3	-1	-1	0		3	1
ND02-1690	-1.0	-3	-2	-2		-1	-1
ND02-1840	-0.2	-3	0	-3		1	-1
ND02-2223	-2.4	-7	-1	-6		0	-3
ND02-2226	-2.5	-6	-1	-6		1	-3
ND02-2371	-2.4	-5	-1	-6		-2	-1
SD02-829	0.8	0	3	-5		-1	1
SD02-833	5.1	3	5	10		1	3
SD02-895	3.7	3	5	4		6	3
SD02-1045	6.9	6	6	10		3	3
SD02-1138	4.1	4	4	5		4	2
SD02-1190	2.4	2	4	1		-1	0
SD02-1217	2.4	0	1	3		0	2
U02-100224	1.4	-2	2	5		1	0
U02-100652	2.6	1	5	2		1	1
U02-140131	1.7	-2	2	2		1	0
U02-140132	0.1	-1	1	-3		-2	1
Date Planted	5/20	5/23	5/6	5/31	5/1	6/7	5/19
Days to Mature	113	113	124	117		100	104



**PRELIMINARY TEST 0, 2005**

**MATURITY (date)**

Strain	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (O)	9/9	9/5	9/6	9/14	9/5
Parker (I)	11	5	8	7	9
Surge (L)	6	3	5	2	1
Traill (E)	-7	-4	-3	-7	-7
M00-103043	6	3	5	-1	4
M00-110002	5	4	4	2	2
M99-209070	1	0	3	3	0
M99-230063	1	-1	1	-2	-1
M99-232001	4	5	4	0	2
M99-274166	-1	1	2	2	-2
M99-278133	1	-3	3	1	0
M99-311009	7	6	4	-4	4
ND01-1912	-3	-3	-2	4	-4
ND01-3901	5	7	5	2	6
ND01-3906	2	3	4	-6	2
ND02-971	-2	-2	0	-5	-3
ND02-991	-3	-1	4	-1	-4
ND02-992	-4	-1	0	-5	-4
ND02-1175	4	2	1	-5	-1
ND02-1690	0	2	3	-4	-2
ND02-1840	2	2	2	-1	-1
ND02-2223	-2	-3	0	3	-5
ND02-2226	-4	-3	0	0	-3
ND02-2371	-2	-3	0	-2	-2
SD02-829	4	0	3	4	-1
SD02-833	8	5	6	5	5
SD02-895	5	6	6	0	-1
SD02-1045	11	6	9	7	9
SD02-1138	8	1	6	2	5
SD02-1190	6	5	4	2	1
SD02-1217	8	4	5	0	1
U02-100224	2	1	3	2	0
U02-100652	8	2	5	0	1
U02-140131	4	5	4	1	0
U02-140132	-1	1	4	1	0
Date Planted	5/20	5/27	5/20	5/17	5/21
Days to Mature	112	101	109	120	107

**PRELIMINARY TEST 0, 2005**

**LODGING (score)**

Strain	Mean 10 Tests	Morris MN	Rosemount MN	Casselton ND	Beemer NE	Cotesfield NE	Goener NE
Lambert (O)	1.7	1.5	1.0	1.0		1.5	1.5
Parker (I)	2.5	2.0	1.0	1.7		3.0	2.5
Surge (L)	1.6	1.5	1.0	1.0		1.5	2.0
Traill (E)	1.4	1.5	1.0	1.0		1.5	1.0
M00-103043	1.3	1.5	1.0	1.0		2.0	1.5
M00-110002	1.8	2.0	1.0	1.0		2.0	2.0
M99-209070	1.2	1.5	1.0	1.0		2.0	1.0
M99-230063	1.4	1.0	1.0	1.0		2.5	2.0
M99-232001	1.0	1.0	1.0	1.0		1.0	1.5
M99-274166	1.6	1.0	1.5	1.0		2.5	1.5
M99-278133	2.1	1.5	1.0	1.3		3.0	2.0
M99-311009	1.9	2.0	1.0	1.0		3.0	1.5
ND01-1912	1.2	1.0	1.0	1.0		1.0	1.0
ND01-3901	1.3	1.0	1.0	1.3		1.5	2.0
ND01-3906	1.2	1.5	1.0	1.3		1.0	1.5
ND02-971	1.8	1.5	1.0	1.3		2.5	1.5
ND02-991	1.6	1.0	1.0	1.7		2.0	2.0
ND02-992	1.4	1.0	1.0	1.0		1.5	2.0
ND02-1175	1.2	1.0	1.0	1.3		2.0	1.0
ND02-1690	1.6	1.5	1.0	1.0		3.0	1.0
ND02-1840	1.8	1.0	1.0	1.0		2.5	2.0
ND02-2223	1.1	1.0	1.0	1.0		1.0	1.0
ND02-2226	1.5	1.0	1.0	1.0		2.0	1.5
ND02-2371	1.4	1.0	1.0	1.0		2.5	1.5
SD02-829	1.4	1.0	1.0	1.0		1.5	1.0
SD02-833	2.2	1.5	1.0	1.7		2.5	2.5
SD02-895	1.7	1.5	1.0	1.0		2.0	2.0
SD02-1045	1.6	1.5	1.0	1.0		2.0	2.0
SD02-1138	1.9	1.5	1.0	1.0		2.5	1.5
SD02-1190	2.2	2.0	1.0	3.0		2.5	2.0
SD02-1217	1.5	1.0	1.0	1.3		2.5	1.0
U02-100224	1.6	1.0	1.0	1.0		2.0	2.0
U02-100652	1.5	1.0	1.0	1.0		2.0	2.0
U02-140131	1.9	1.5	1.0	1.7		2.0	2.5
U02-140132	1.6	1.0	1.0	1.0		2.5	1.5

**PRELIMINARY TEST 0, 2005**

**LODGING (score)**

Strain	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (O)	2.1	1.3	2.5	3.0	2.0
Parker (I)	2.9	2.5	3.3	4.0	2.0
Surge (L)	2.2	1.3	1.8	2.5	1.0
Traill (E)	1.0	1.0	1.5	3.5	1.0
M00-103043	1.6	1.0	1.0	1.5	1.0
M00-110002	2.0	1.8	1.5	2.5	2.0
M99-209070	1.2	1.0	1.0	1.5	1.0
M99-230063	1.5	1.0	1.5	1.5	1.0
M99-232001	0.8	1.0	1.0	1.0	1.0
M99-274166	0.9	1.3	1.0	4.0	1.0
M99-278133	2.2	1.5	3.5	3.0	2.0
M99-311009	2.3	1.8	3.5	1.5	1.0
ND01-1912	1.4	1.0	1.0	2.5	1.0
ND01-3901	0.9	1.3	1.0	2.0	1.0
ND01-3906	1.2	1.0	1.0	1.0	1.0
ND02-971	2.4	1.5	2.5	2.5	1.0
ND02-991	2.0	1.0	1.8	2.0	1.0
ND02-992	1.4	1.0	2.0	2.0	1.0
ND02-1175	0.9	1.0	1.0	1.5	1.0
ND02-1690	1.5	1.3	2.0	2.5	1.0
ND02-1840	1.9	2.3	1.8	2.5	2.0
ND02-2223	2.0	1.0	1.0	1.0	1.0
ND02-2226	1.9	1.0	1.5	2.0	2.0
ND02-2371	2.2	1.0	2.0	1.0	1.0
SD02-829	1.1	1.0	1.3	4.0	1.0
SD02-833	2.3	2.0	2.5	4.0	2.0
SD02-895	1.3	1.5	2.3	2.0	2.0
SD02-1045	1.8	1.8	2.0	1.5	1.0
SD02-1138	2.1	1.5	3.0	2.5	2.0
SD02-1190	2.4	1.8	1.8	4.0	1.0
SD02-1217	1.9	1.3	2.3	1.0	2.0
U02-100224	1.0	1.8	2.0	3.5	1.0
U02-100652	1.8	1.3	2.3	1.5	1.0
U02-140131	1.9	2.5	1.5	2.0	2.0
U02-140132	1.9	1.5	2.3	2.0	1.0

**PRELIMINARY TEST 0, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Beemer NE	Cotesfield NE	Goener NE
Lambert (O)	34	28		37			23
Parker (I)	39	36		37			34
Surge (L)	33	27		30			23
Traill (E)	28	26		26			20
M00-103043	34	29		35			28
M00-110002	39	31		39			28
M99-209070	32	31		33			22
M99-230063	33	30		32			24
M99-232001	36	31		33			29
M99-274166	30	22		28			24
M99-278133	36	26		35			30
M99-311009	35	28		34			27
ND01-1912	30	22		30			22
ND01-3901	35	26		35			28
ND01-3906	33	26		30			26
ND02-971	32	27		31			22
ND02-991	32	25		35			22
ND02-992	31	26		33			24
ND02-1175	31	25		35			24
ND02-1690	31	26		30			20
ND02-1840	33	29		29			21
ND02-2223	30	25		29			21
ND02-2226	31	28		33			21
ND02-2371	32	28		36			23
SD02-829	32	25		29			23
SD02-833	36	30		33			29
SD02-895	32	27		29			23
SD02-1045	36	30		35			26
SD02-1138	35	32		32			28
SD02-1190	36	32		33			28
SD02-1217	33	26		34			25
U02-100224	33	28		31			26
U02-100652	33	25		36			24
U02-140131	35	32		35			29
U02-140132	32	23		29			25

**PRELIMINARY TEST 0, 2005**

**PLANT HEIGHT (inches)**

Strain	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (O)	38	29	34	44	37
Parker (I)	39	39	43	49	36
Surge (L)	35	35	36	41	33
Trail (E)	31	26	30	36	26
M00-103043	34	39	37	39	33
M00-110002	43	39	41	47	41
M99-209070	34	30	36	41	32
M99-230063	37	32	36	42	35
M99-232001	37	38	41	41	36
M99-274166	33	29	32	41	32
M99-278133	42	35	42	45	36
M99-311009	38	38	42	35	38
ND01-1912	33	25	30	44	31
ND01-3901	37	38	35	41	36
ND01-3906	37	37	35	37	34
ND02-971	38	31	37	41	31
ND02-991	37	30	33	39	32
ND02-992	33	25	34	38	32
ND02-1175	33	32	34	36	31
ND02-1690	34	31	38	38	35
ND02-1840	36	37	33	40	36
ND02-2223	34	27	31	41	31
ND02-2226	33	27	33	40	30
ND02-2371	36	27	36	39	30
SD02-829	31	32	38	43	35
SD02-833	38	37	40	46	32
SD02-895	33	36	35	42	31
SD02-1045	35	39	41	41	39
SD02-1138	35	35	42	39	34
SD02-1190	39	38	39	44	37
SD02-1217	33	36	36	37	34
U02-100224	34	33	33	47	32
U02-100652	35	35	37	39	32
U02-140131	38	36	37	40	36
U02-140132	37	34	40	39	32

**PRELIMINARY TEST 0, 2005**

**SEED SIZE (g/100)**

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Beemer NE	Cotesfield NE	Goener NE
	11 Tests						
Lambert (O)	16.1	15.7	15.4	16.0	15.8	16.7	15.1
Parker (I)	18.9	17.6	16.4	17.3	18.2	19.9	18.6
Surge (L)	19.8	18.0	19.1	18.4	17.9	21.0	17.8
Traill (E)	15.8	13.6	15.3	16.5	15.3	15.9	16.6
M00-103043	16.9	17.9	13.6	16.3	15.2	18.6	17.2
M00-110002	16.0	13.3	15.1	14.8	15.2	16.7	15.0
M99-209070	17.5	15.0	15.4	16.9	16.8	21.2	17.0
M99-230063	15.3	13.2	15.8	13.5	14.3	17.5	15.6
M99-232001	13.9	12.2	13.9	12.4	12.2	14.9	12.9
M99-274166	16.8	15.1	15.7	16.7	14.7	17.8	14.9
M99-278133	16.8	15.5	16.3	16.9	15.4	17.7	15.3
M99-311009	17.1	15.2	15.8	14.5	15.2	20.4	16.2
ND01-1912	14.9	12.4	13.6	13.1	15.3	17.8	14.2
ND01-3901	16.7	17.9	16.2	15.6	16.7	18.4	12.5
ND01-3906	16.1	14.3	15.6	15.0	16.5	18.6	17.2
ND02-971	16.9	14.9	16.2	14.7	16.0	20.0	16.8
ND02-991	16.3	14.6	14.9	14.9	16.6	18.7	15.5
ND02-992	16.1	14.7	15.0	14.0	15.4	21.2	17.2
ND02-1175	16.5	15.1	17.5	14.7	16.1	18.1	16.8
ND02-1690	17.4	16.1	16.8	14.1	17.6	21.6	17.7
ND02-1840	17.0	14.6	18.1	14.3	14.9	21.1	17.1
ND02-2223	14.7	12.4	15.7	13.3	13.8	16.1	15.2
ND02-2226	14.5	12.6	15.1	13.3	13.5	16.8	15.0
ND02-2371	16.5	14.1	16.2	15.4	16.3	19.1	16.3
SD02-829	18.5	16.7	18.5	16.1	16.9	19.2	16.2
SD02-833	18.5	16.5	18.0	16.5	16.8	19.6	17.8
SD02-895	19.7	17.8	19.4	18.0	17.2	19.2	17.7
SD02-1045	17.3	15.9	15.5	15.8	15.6	18.6	15.9
SD02-1138	18.3	18.5	18.1	15.8	17.8	20.2	16.8
SD02-1190	16.9	17.1	16.0	15.7	15.3	16.6	14.7
SD02-1217	18.0	17.3	16.2	17.5	14.9	18.5	15.2
U02-100224	17.5	16.3	17.4	17.7	16.0	18.4	16.4
U02-100652	16.6	15.4	14.8	16.5	14.6	20.4	14.8
U02-140131	15.4	13.2	12.5	14.1	14.4	16.5	14.2
U02-140132	15.9	14.3	13.1	14.6	16.0	17.5	15.9

**PRELIMINARY TEST 0, 2005**

**SEED SIZE (g/100)**

Strain	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (O)	14.7	17.5	17.5	18.8	14.4
Parker (I)	19.0	20.6	19.8	22.5	17.6
Surge (L)	20.0	23.3	20.7	23.2	18.5
Traill (E)	14.2	16.7	17.9	17.6	14.4
M00-103043	16.7	18.9	17.8	18.9	14.8
M00-110002	15.1	19.6	18.1	17.8	14.8
M99-209070	15.3	19.8	19.5	19.0	16.1
M99-230063	14.4	17.0	16.6	16.5	14.3
M99-232001	13.7	16.3	16.1	15.3	12.5
M99-274166	16.4	19.2	18.9	19.0	16.4
M99-278133	16.0	18.0	18.2	20.0	15.2
M99-311009	16.6	19.4	19.3	20.5	15.3
ND01-1912	12.5	15.2	15.3	20.0	14.1
ND01-3901	15.9	19.9	17.6	17.6	15.8
ND01-3906	14.5	18.8	17.3	15.2	14.4
ND02-971	15.1	20.1	18.2	18.5	15.1
ND02-991	14.2	17.5	16.8	19.5	16.5
ND02-992	14.0	17.3	16.7	16.5	15.6
ND02-1175	15.7	17.8	17.0	16.7	16.0
ND02-1690	15.6	19.6	18.3	17.9	15.7
ND02-1840	15.2	19.9	17.6	19.4	15.3
ND02-2223	12.2	15.4	15.4	18.7	13.8
ND02-2226	12.2	15.0	15.0	19.4	12.1
ND02-2371	14.3	17.4	17.8	19.3	15.2
SD02-829	18.7	20.5	20.4	22.4	17.8
SD02-833	19.8	19.9	20.5	21.5	16.4
SD02-895	20.4	25.5	22.1	21.3	18.4
SD02-1045	18.1	19.1	18.8	21.7	15.0
SD02-1138	17.7	18.2	19.5	21.8	16.9
SD02-1190	17.2	18.3	18.2	19.5	17.1
SD02-1217	17.9	19.8	19.3	24.2	17.0
U02-100224	17.2	20.1	18.8	17.7	16.0
U02-100652	18.4	17.2	18.0	18.2	14.0
U02-140131	15.0	18.8	16.3	21.2	12.8
U02-140132	15.1	18.7	16.0	18.0	15.7

**PRELIMINARY TEST 0, 2005**

**SEED QUALITY (score)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Beemer NE	Cotesfield NE	Goener NE
Lambert (O)	1.5	2.0	1.0	1.0			
Parker (I)	1.4	1.5	1.0	2.0			
Surge (L)	1.4	2.0	1.0	1.0			
Traill (E)	1.4	1.0	1.0	1.0			
M00-103043	1.5	2.0	1.0	2.0			
M00-110002	1.2	1.0	1.0	1.0			
M99-209070	1.4	2.0	1.0	1.0			
M99-230063	1.5	1.5	1.5	1.0			
M99-232001	1.4	1.0	1.5	1.0			
M99-274166	1.6	1.0	1.5	2.0			
M99-278133	1.6	1.5	1.5	2.0			
M99-311009	1.3	1.0	1.0	1.0			
ND01-1912	1.4	1.5	1.0	1.0			
ND01-3901	1.4	2.0	1.0	1.0			
ND01-3906	1.7	1.5	1.5	1.0			
ND02-971	1.9	2.5	2.0	2.0			
ND02-991	1.9	2.5	2.0	2.0			
ND02-992	1.4	1.5	1.5	1.0			
ND02-1175	1.9	1.5	2.0	3.0			
ND02-1690	1.5	1.0	1.5	2.0			
ND02-1840	1.6	1.5	2.0	1.0			
ND02-2223	1.6	1.5	1.5	1.0			
ND02-2226	1.6	1.5	2.0	1.0			
ND02-2371	1.5	1.5	2.0	1.0			
SD02-829	1.4	1.5	1.5	1.0			
SD02-833	1.6	1.5	1.5	2.0			
SD02-895	1.4	1.5	2.0	1.0			
SD02-1045	1.4	1.0	2.0	1.0			
SD02-1138	1.6	2.0	1.5	2.0			
SD02-1190	1.2	1.5	1.0	1.0			
SD02-1217	1.5	2.0	1.0	2.0			
U02-100224	1.7	1.5	1.5	4.0			
U02-100652	1.4	1.5	1.5	2.0			
U02-140131	1.4	1.5	1.0	1.0			
U02-140132	1.5	1.5	1.0	1.0			



**PRELIMINARY TEST 0, 2005**

**SEED QUALITY (score)**

Strain	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (O)	1.5	2.0	1.5	1.0	2.0
Parker (I)	1.0	1.5	1.5	1.0	2.0
Surge (L)	2.0	1.5	1.0	1.0	2.0
Traill (E)	2.0	1.5	1.5	1.0	2.0
M00-103043	1.5	1.5	1.0	1.0	2.0
M00-110002	1.0	1.5	1.0	1.0	2.0
M99-209070	1.5	1.5	1.5	1.0	2.0
M99-230063	1.5	1.5	2.0	1.0	2.0
M99-232001	1.0	2.0	2.0	1.0	2.0
M99-274166	1.5	1.5	2.0	1.0	2.0
M99-278133	1.0	1.5	2.0	1.0	2.0
M99-311009	1.0	1.5	1.5	1.0	2.0
ND01-1912	1.0	1.5	2.5	1.0	2.0
ND01-3901	1.0	1.5	2.0	1.0	2.0
ND01-3906	1.5	2.5	2.5	1.0	2.0
ND02-971	2.0	2.0	2.0	1.0	2.0
ND02-991	2.0	1.5	2.0	1.0	2.0
ND02-992	1.0	1.5	2.0	1.0	2.0
ND02-1175	2.0	1.5	2.0	1.0	2.0
ND02-1690	1.0	1.5	2.0	1.0	2.0
ND02-1840	2.0	1.5	2.0	1.0	2.0
ND02-2223	2.4	1.5	1.5	1.0	2.0
ND02-2226	2.5	1.5	1.5	1.0	2.0
ND02-2371	1.9	1.5	1.0	1.0	2.0
SD02-829	1.0	2.0	1.5	1.0	2.0
SD02-833	1.4	1.5	1.5	1.0	2.0
SD02-895	0.9	1.5	1.0	1.0	2.0
SD02-1045	1.0	1.5	1.5	1.0	2.0
SD02-1138	1.0	1.5	1.5	1.0	2.0
SD02-1190	1.0	1.0	1.0	1.0	2.0
SD02-1217	0.9	1.5	1.5	1.0	2.0
U02-100224	0.9	1.5	1.0	1.0	2.0
U02-100652	1.0	1.0	1.0	1.0	2.0
U02-140131	1.4	1.5	2.0	1.0	2.0
U02-140132	1.8	1.5	2.0	1.0	2.0

**PRELIMINARY TEST 0, 2005**

**PROTEIN (%)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont.	St. Pauls Ont.	Woodstock Ont.	St. Bruno Que.	Aurora SD
Lambert (0)	40.4	38.2	40.8	39.7	40.7	43.1	42.7	39.5	38.2
Parker (I)	39.4	36.3	38.5	40.4	39.0	41.2	41.6	39.9	38.7
Surge (L)	41.3	38.3	39.8	40.9	41.7	43.1	44.6	42.2	39.9
Traill (E)	41.1	38.0	40.5	41.0	43.4	43.0	43.4	40.7	39.0
M00-103043	40.3	38.7	40.6	40.3	39.9	42.4	42.2	40.0	37.8
M00-110002	38.7	36.1	36.3	40.0	39.4	41.3	41.8	38.3	36.4
M99-209070	40.9	37.5	41.0	41.2	40.8	43.5	43.4	39.9	39.7
M99-230063	39.5	36.5	38.9	40.1	40.5	42.4	41.9	38.9	37.1
M99-232001	40.4	34.8	40.0	40.2	41.3	44.0	43.4	40.0	39.2
M99-274166	39.6	36.8	37.5	40.4	42.3	41.9	42.2	38.1	37.4
M99-278133	38.9	38.2	36.7	39.5	39.7	41.0	41.0	37.9	36.9
M99-311009	39.0	36.4	39.1	39.1	39.5	40.7	41.6	38.9	36.4
ND01-1912	39.7	40.0	37.2	40.5	41.7	41.4	41.7	37.4	37.8
ND01-3901	38.0	36.1	37.4	39.3	38.3	39.9	40.0	37.3	35.3
ND01-3906	38.9	35.7	39.3	39.8	38.5	40.5	41.6	39.6	35.8
ND02-971	38.2	35.2	38.0	38.9	40.3	40.0	41.6	36.6	35.0
ND02-991	37.8	35.4	35.4	38.6	39.9	39.5	40.2	37.5	36.2
ND02-992	39.8	37.8	37.8	39.8	41.4	41.6	42.3	39.3	38.7
ND02-1175	38.8	36.2	38.6	38.9	38.9	40.3	41.1	38.8	37.5
ND02-1690	39.2	38.2	38.4	38.9	39.6	41.0	41.0	39.5	36.8
ND02-1840	38.5	35.6	36.8	39.7	40.6	40.0	41.1	38.1	36.2
ND02-2223	39.7	37.1	39.1	39.6	41.8	41.9	40.7	38.8	38.6
ND02-2226	38.8	36.2	38.2	39.1	40.8	41.6	40.7	36.8	37.4
ND02-2371	38.1	34.8	35.8	38.9	40.1	40.0	40.0	38.7	36.6
SD02-829	40.4	36.9	40.2	39.7	40.3	43.3	43.7	40.6	38.5
SD02-833	39.7	36.8	40.5	40.1	39.9	42.0	42.9	37.0	38.6
SD02-895	41.9	40.0	42.2	40.9	41.8	44.3	45.5	40.6	40.1
SD02-1045	39.2	35.8	38.1	40.1	38.5	41.6	42.1	40.1	37.6
SD02-1138	37.5	34.0	36.6	38.9	37.3	38.5	40.2	39.2	35.1
SD02-1190	44.7	44.1	45.3	41.6	45.9	46.5	46.2	45.4	42.6
SD02-1217	40.3	38.0	39.1	40.4	40.4	40.9	42.5	42.0	39.1
U02-100224	38.1	36.3	36.9	39.8	40.1	38.4	40.1	37.3	35.8
U02-100652	38.4	36.2	37.4	40.1	38.1	39.5	39.8	38.4	37.9
U02-140131	37.6	34.7	34.9	39.6	37.8	39.6	41.1	37.4	35.3
U02-140132	39.0	37.9	37.9	40.0	40.4	40.0	41.9	36.7	37.6

**PRELIMINARY TEST 0, 2005**

**OIL (%)**

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont.	St. Pauls Ont.	Woodstock Ont.	St. Bruno Que.	Aurora SD
Lambert (0)	21.7	21.5	20.8	22.3	22.2	20.9	21.1	24.1	21.0
Parker (I)	21.3	21.4	20.3	22.0	22.4	20.9	20.9	22.5	20.2
Surge (L)	21.2	20.7	20.7	22.1	22.1	20.5	20.4	22.2	21.0
Traill (E)	20.7	20.0	19.5	21.9	20.3	20.2	20.6	21.9	20.9
M00-103043	21.5	20.8	20.9	22.3	22.6	20.9	20.9	22.2	21.2
M00-110002	21.2	20.2	21.1	21.9	21.9	20.2	20.9	22.5	20.6
M99-209070	20.9	20.6	19.4	21.8	21.5	19.8	20.5	23.0	20.3
M99-230063	21.4	20.7	20.0	22.2	22.0	20.8	21.0	23.0	21.2
M99-232001	21.0	21.1	20.4	21.8	21.6	19.6	20.5	22.7	20.6
M99-274166	21.2	20.5	21.0	21.8	20.2	20.9	21.0	23.1	21.1
M99-278133	21.1	19.2	20.8	22.0	21.9	20.5	21.3	23.0	20.5
M99-311009	21.4	20.8	19.9	22.3	21.9	20.8	20.6	23.0	21.6
ND01-1912	21.8	20.0	22.5	22.1	21.4	21.7	21.5	22.9	22.2
ND01-3901	21.3	19.8	20.1	21.8	22.1	20.8	21.4	23.1	20.9
ND01-3906	21.4	20.5	19.8	22.2	22.4	20.5	21.1	23.6	21.1
ND02-971	22.5	22.6	21.2	22.8	22.0	21.9	21.7	24.7	23.3
ND02-991	22.6	22.0	22.8	22.6	22.1	22.2	22.0	24.4	22.5
ND02-992	21.5	20.9	21.6	22.2	21.3	20.9	21.2	23.5	20.6
ND02-1175	21.9	21.6	21.1	22.2	23.0	21.4	21.3	23.6	21.2
ND02-1690	22.6	21.8	23.2	22.5	23.2	21.9	22.1	23.2	23.1
ND02-1840	22.5	22.3	22.9	22.6	22.1	22.0	21.8	24.0	22.4
ND02-2223	21.5	21.4	20.1	22.4	20.5	21.3	21.7	23.1	21.4
ND02-2226	22.0	21.3	21.7	22.4	21.0	21.4	21.9	24.5	21.6
ND02-2371	22.3	21.5	22.8	22.6	22.0	21.7	22.3	24.3	21.4
SD02-829	21.4	21.3	20.6	22.2	22.6	20.7	21.0	22.0	21.2
SD02-833	21.3	21.1	20.1	22.0	21.9	20.5	20.8	22.9	20.9
SD02-895	20.4	19.8	19.2	21.8	21.5	19.2	19.0	22.7	20.1
SD02-1045	21.1	20.7	20.3	22.0	22.3	20.3	20.5	22.1	20.8
SD02-1138	21.7	21.3	20.4	22.4	22.7	21.3	20.9	23.2	21.2
SD02-1190	18.6	17.3	17.4	21.3	18.0	18.4	18.7	19.2	18.7
SD02-1217	21.0	20.2	20.8	21.8	21.9	20.8	20.9	21.4	20.3
U02-100224	21.2	19.9	20.5	21.5	21.0	21.1	21.1	23.8	20.7
U02-100652	20.7	19.6	19.5	22.0	21.2	20.0	21.1	22.9	19.2
U02-140131	21.9	21.0	21.8	22.1	23.5	21.5	21.6	22.6	21.4
U02-140132	21.1	20.1	20.7	22.1	21.7	21.0	20.9	21.9	20.5

**Uniform Test I, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	Parker (I)	A79-136012 x Dawson	16	F5	Rps1
2.	IA1008 (SCN)	Northrup King S20	6	F5	SCN
3.	Lambert (O)	M75-274 x M76-151	13	F5	Rps1
4.	A02-136032	NE1900 x Pioneer XB28V99	1		
5.	M98-227065	MN0302 x Archer	PTI	F5	Rps1k, BSR
6.	M97-130015	MN1801 x Marcus 95	1	F5	
7.	M97-357138	IA1006 x Surge	1	F5	Rps1
8.	SD00-632	SD93-851 x LN88-10534	PTII	F5	
9.	SD00-2439	SD93-1387 x A94-572028	PTII	F5	
10.	U00-409006	NE3001 x A94-6764017		F5	Determinate
11.	U01-190300	NE1900 x A97-871009	PTI	F5	
12.	U01-190311	NE1900 x A97-871009	PTI	F5	
13.	U01-190318	NE1900 x A97-871009	PTI	F5	
14.	U01-290401	Heinong 37x Pioneer 93B82	1	F5	Determinate
15.	U01-290931	M91-163126 x NE1900	PTI	F5	

**UNIFORM TEST I, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	<u>Chlorosis</u>		<u>Green Stem</u>	<u>Shattering</u>	<u>SDS</u>
		Score		Score	Score	Pontiac
		Humboldt IA	Wilkin Co. MN	Lafayette IN	Manhattan KS	IL DX
Parker (I)	WGBDYBfI	2.1	2.0	1.0	1.0	5
IA1008 (SCN)	WGBDYyI	2.1	1.7	1.0	1.0	0
Lambert (O)	PGBIYLbfI	1.9	2.3	1.0	1.0	1
A02-136032	PSBDYyI	2.3	2.8	1.0	1.0	2
M98-227065	WGBDYBfI	2.3	1.8	1.0	1.0	10
M97-130015	PTTDYBrI	2.0	2.3	1.0	1.0	2
M97-357138	PGBDYIbI	1.8	2.2	1.0	1.0	12
SD00-632	WGBDYBfI	2.3	2.5	1.0	1.0	5
SD00-2439	PGTDYIbI	2.0	2.5	1.0	1.0	8
U00-409006	WSBIYBI+BfD	2.5	2.5	1.0	1.0	3
U01-190300	WGBDYyI	2.4	2.8	1.0	1.0	23
U01-190311	WGBDYyI	2.1	2.5	1.0	1.0	21
U01-190318	WGBDYyI	2.3	2.8	1.0	1.0	23
U01-290401	WTBDYBI	2.1	2.2	1.0	1.0	0
U01-290931	WGBDYyI	2.1	2.3	1.0	1.0	11

UNIFORM TEST I, 2005

DISEASE DATA

Strain	PR Lafayette		Hard Seed	PS Lafayette	FE
	Race 4	Race 7	n no germination	a %	a
Parker (I)	S	S	6	13	S
IA1008 (SCN)	R*	R	6	7	S
Lambert (O)	S	S	8	23	S
A02-136032	S	H	2	8	S
M98-227065	S*	S*	12	0	S
M97-130015	R*	R*	2	3	S
M97-357138	S	S	18	1	
SD00-632	R	H	16	8	S
SD00-2439	R	R	0	1	S
U00-409006	S	S	8	0	
U01-190300	S	S	6	14	S
U01-190311	S	S	8	4	S
U01-190318	S	S	0	5	S
U01-290401	S	H	6	0	S
U01-290931	S	H	0	2	S

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**UNIFORM TEST I, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 12 bu/a	Rank 12 No.	Maturity 11 Date	Lodging 12 Score	Plant Height 10 In.	Seed Size 13 g/100	Seed Quality 5 Score	<u>Composition</u>	
								Protein 6 %	Oil 6 %
Parker (I)	54.3	12	9/9	2.2	35	17.2	1.7	38.3	21.6
IA1008 (SCN)	59.5	3	2.3	1.6	36	16.7	1.6	38.7	20.2
Lambert (O)	42.5	15	-5.2	1.7	27	15.5	2.1	40.0	21.8
A02-136032	59.7	2	2.4	1.9	33	16.2	1.4	39.5	19.8
M98-227065	60.0	1	-0.7	1.6	32	16.0	1.6	39.6	20.9
M97-130015	57.0	8	0.8	1.7	30	15.4	1.4	40.3	20.9
M97-357138	54.2	13	-2.8	1.8	32	15.0	1.5	38.8	20.9
SD00-632	57.6	5	1.9	1.8	33	16.1	2.1	38.7	20.3
SD00-2439	53.8	14	2.1	1.5	29	16.5	1.8	38.5	21.0
U00-409006	57.5	6	3.8	1.4	27	16.5	1.5	38.2	21.1
U01-190300	57.1	7	1.8	2.1	32	14.6	1.4	37.5	20.9
U01-190311	58.2	4	3.5	2.1	33	15.0	1.5	37.2	20.7
U01-190318	55.4	9	2.3	2.2	32	14.3	1.5	37.5	20.8
U01-290401	54.9	10	5.3	1.2	30	16.5	1.6	40.3	20.3
U01-290931	54.6	11	2.0	1.5	33	15.0	1.6	38.6	20.9

113.0 Days After Planting

**UNIFORM TEST I, 2005**

**2004-005 2-YEAR MEAN**

No. of Tests Strain	Yield 24 bu/a	Rank 24 No.	Maturity 24 Date	Lodging 26 Score	Plant Height 23 In.	Seed Size 27 g/100	Seed Quality 12 Score	<u>Composition</u>	
								Protein 11 %	Oil 11 %
Parker (I)	50.5	6	9/11	2.0	34	17.4	1.8	38.9	20.5
IA1008 (SCN)	54.6	2	2.2	1.6	33	17.4	1.7	39.6	19.5
Lambert (O)	41.2	7	-5.7	1.7	25	15.8	1.9	40.2	20.9
A02-136032	57.5	1	2.2	1.8	30	16.6	1.4	40.0	19.4
M97-130015	53.2	4	0.0	1.6	28	16.0	1.4	40.6	20.0
M97-357138	52.1	5	-2.8	1.6	29	15.6	1.7	39.4	20.1
U01-290401	53.3	3	4.8	1.2	29	17.2	1.6	40.5	19.4

115.5 Days After Planting

**UNIFORM TEST I, 2005**

**YIELD (bu/a)**

Strain	Mean	Ames IA	Charles		Wanatah* IN	Ingham County MI	Saginaw County MI	Lamberton MN
	12 Tests		City IA	Lafayette IN				
Parker (I)	54.3	46.5	52.9	41.2	43.3	56.3	35.8	49.8
IA1008 (SCN)	59.5	60.2	66.1	50.4	51.4	55.0	40.1	45.9
Lambert (O)	42.5	38.0	31.1	27.4	40.6	51.1	29.6	49.3
A02-136032	59.7	70.9	63.5	44.8	38.9	52.9	31.3	57.1
M98-227065	60.0	67.0	61.4	40.6	40.6	53.1	38.8	50.4
M97-130015	57.0	65.1	57.4	39.1	44.5	53.5	36.4	49.3
M97-357138	54.2	62.9	60.1	37.1	34.5	50.8	24.3	54.2
SD00-632	57.6	55.3	61.2	38.5	33.8	52.2	35.5	50.3
SD00-2439	53.8	64.9	50.3	42.0	48.5	50.0	32.6	58.8
U00-409006	57.5	53.9	62.6	44.0	37.6	58.4	31.7	56.1
U01-190300	57.1	62.9	63.1	43.6	44.6	54.5	27.6	58.4
U01-190311	58.2	67.3	54.3	49.7	46.1	50.9	27.2	56.9
U01-190318	55.4	65.1	52.3	42.3	44.4	52.9	32.3	61.3
U01-290401	54.9	56.6	52.1	45.4	37.8	50.7	30.2	50.4
U01-290931	54.6	62.1	55.3	39.1	39.6	50.2	25.5	48.6
C.V. (%)		5.2	10.9	6.9	20.4	5.7	14.4	9.1
L.S.D. (5%)		6.7	13.2	4.8	14.2	5.3	8.1	8.0
Row Sp. (In.)		27	27	24	30	15	15	10
Rows/Plot		4	4	4	4	6	6	8
Reps		2	2	3	3	2	2	3

\*Data not included in mean.

**YIELD RANK**

Strain	Yield Rank	Ames IA	Charles		Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
			City IA	Lafayette IN				
Parker (I)	12	14	11	9	7	2	4	11
IA1008 (SCN)	3	10	1	1	1	3	1	15
Lambert (O)	15	15	15	15	8	10	11	12
A02-136032	2	1	2	4	11	7	9	4
M98-227065	1	3	5	10	8	6	2	8
M97-130015	8	4	8	11	5	5	3	12
M97-357138	13	7	7	14	14	12	15	7
SD00-632	5	12	6	13	15	9	5	10
SD00-2439	14	6	14	8	2	15	6	2
U00-409006	6	13	4	5	13	1	8	6
U01-190300	7	7	3	6	4	4	12	3
U01-190311	4	2	10	2	3	11	13	5
U01-190318	9	4	12	7	6	8	7	1
U01-290401	10	11	13	3	12	13	10	8
U01-290931	11	9	9	11	10	14	14	14

\*Data not included in mean.



**UNIFORM TEST I, 2005**

**YIELD (bu/a)**

Strain	Portageville*						
	Waseca MN	(Loam) MO	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	Aurora SD
Parker (I)	56.4	35.4	57.8	69.9	70.2	59.2	55.3
IA1008 (SCN)	82.5	38.6	57.1	67.5	67.4	67.6	54.0
Lambert (O)	47.1	34.3	46.1	48.7	30.3	59.6	51.3
A02-136032	66.5	60.8	64.5	64.6	83.6	56.4	60.3
M98-227065	71.9	60.0	51.6	68.4	78.4	79.4	59.1
M97-130015	65.3	55.9	51.0	65.4	84.2	64.3	52.8
M97-357138	70.0	56.4	54.4	51.7	68.4	61.1	55.8
SD00-632	72.1	59.3	56.8	67.4	82.8	60.9	58.4
SD00-2439	66.4	58.7	52.2	71.0	59.7	43.1	55.2
U00-409006	67.3	56.3	56.6	64.7	74.0	65.1	56.1
U01-190300	72.3	53.3	60.7	56.0	72.0	56.3	58.1
U01-190311	69.3	48.9	58.1	69.5	74.1	60.1	61.2
U01-190318	67.6	52.1	57.8	50.8	65.3	58.9	57.9
U01-290401	69.1	53.6	60.3	65.2	69.6	55.9	53.7
U01-290931	71.4	58.9	53.6	63.7	77.4	53.9	54.4
C.V. (%)	10.2	11.1	4.8		8.9	8.8	3.2
L.S.D. (5%)	11.7	9.7	5.8		13.5	7.3	3.0
Row Sp. (In.)	10	30	30	30	30	17	30
Rows/Plot	8	4	4	4	4	5	4
Reps	3	3	2	2	2	3	3

**YIELD RANK**

Strain	Portageville*						
	Waseca MN	(Loam) MO	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	Aurora SD
Parker (I)	14	14	5	2	9	9	9
IA1008 (SCN)	1	13	7	5	12	2	12
Lambert (O)	15	15	15	15	15	8	15
A02-136032	11	1	1	10	2	11	2
M98-227065	4	2	13	4	4	1	3
M97-130015	13	8	14	7	1	4	14
M97-357138	6	6	10	13	11	5	8
SD00-632	3	3	8	6	3	6	4
SD00-2439	12	5	12	1	14	15	10
U00-409006	10	7	9	9	7	3	7
U01-190300	2	10	2	12	8	12	5
U01-190311	7	12	4	3	6	7	1
U01-190318	9	11	5	14	13	10	6
U01-290401	8	9	3	8	10	13	13
U01-290931	5	4	11	11	5	14	11

**UNIFORM TEST I, 2005**

**MATURITY (date)**

Strain	Mean	Ames IA	Charles		Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
	11 Tests		City IA	Lafayette IN				
Parker (I)	9/9	9/7		8/23	9/5	9/8	9/2	9/23
IA1008 (SCN)	2.3	0		7	4	1	1	2
Lambert (O)	-5.2	-11		-3	-4	-7	-4	-11
A02-136032	2.4	1		3	2	1	4	1
M98-227065	-0.7	-2		0	2	-1	-2	-6
M97-130015	0.8	1		1	3	-1	-1	-2
M97-357138	-2.8	-3		-4	0	-3	-4	-8
SD00-632	1.9	0		7	3	0	4	2
SD00-2439	2.1	0		7	4	1	2	1
U00-409006	3.8	11		5	6	6	3	2
U01-190300	1.8	0		3	3	0	3	1
U01-190311	3.5	0		6	4	3	5	1
U01-190318	2.3	-1		4	4	1	4	2
U01-290401	5.3	5		11	7	5	5	2
U01-290931	2.0	0		3	3	1	3	-3
Date Planted	5/19	5/2		5/7	5/16	5/18	5/10	5/27
Days to Mature	113	128		108	112	113	115	119

\*Data not included in mean.

**LODGING (score)**

Strain	Mean	Ames IA	Charles		Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
	12 Tests		City IA	Lafayette IN				
Parker (I)	2.2	3.3	2.5	1.0	1.2	3.0	1.0	2.0
IA1008 (SCN)	1.6	2.3	1.8	1.2	1.0	2.0	1.0	1.3
Lambert (O)	1.7	2.5	2.0	1.0	1.0	1.0	1.0	2.0
A02-136032	1.9	2.8	2.0	1.2	1.0	3.0	1.0	2.3
M98-227065	1.6	2.0	2.0	1.0	1.0	2.0	1.0	1.0
M97-130015	1.7	2.0	2.0	1.0	1.0	2.0	1.0	1.3
M97-357138	1.8	2.3	2.0	1.0	1.0	2.5	1.0	1.7
SD00-632	1.8	2.0	2.0	1.0	1.0	2.5	1.0	2.0
SD00-2439	1.5	2.0	1.8	1.0	1.0	1.5	1.0	2.0
U00-409006	1.4	2.0	1.5	1.0	1.0	1.0	1.0	1.7
U01-190300	2.1	2.8	2.0	1.0	1.0	2.5	1.0	2.7
U01-190311	2.1	2.8	2.0	1.3	1.0	2.5	1.0	2.3
U01-190318	2.2	3.3	2.3	1.0	1.2	3.0	1.0	2.7
U01-290401	1.2	1.8	1.0	1.0	1.0	1.0	1.0	1.0
U01-290931	1.5	1.8	2.0	1.0	1.0	2.0	1.0	1.0

\*Data not included in mean.

**UNIFORM TEST I, 2005**

**MATURITY (date)**

Strain	Portageville*						
	Waseca MN	(Loam) MO	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	Aurora SD
Parker (I)	9/23	8/8		9/13	9/6	9/7	9/14
IA1008 (SCN)	5	1		2	1	2	0
Lambert (O)	-9	-7		4	-6	-4	-3
A02-136032	2	6		8	0	3	1
M98-227065	-1	3		4	1	0	-2
M97-130015	1	5		7	2	0	-2
M97-357138	-5	-1		3	-1	-3	-3
SD00-632	-1	5		4	2	0	0
SD00-2439	5	6		0	2	2	-1
U00-409006	8	0		1	1	0	-1
U01-190300	1	3		8	-1	2	-1
U01-190311	5	6		9	2	2	1
U01-190318	1	6		9	0	2	-1
U01-290401	5	8		7	3	5	4
U01-290931	2	8		8	2	3	0
Date Planted	5/25	5/4		6/7	5/19	5/27	5/21
Days to Mature	121	96		98	110	103	116

**LODGING (score)**

Strain	Portageville*						
	Waseca MN	(Loam) MO	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	Aurora SD
Parker (I)	3.0	1.5		3.0	2.0	2.0	2.0
IA1008 (SCN)	2.0	1.5		2.0	2.0	2.0	1.0
Lambert (O)	2.3	2.5		2.0	2.0	2.0	2.0
A02-136032	2.0	3.5		3.0	2.0	2.0	1.0
M98-227065	2.0	1.5		2.0	2.0	1.3	2.0
M97-130015	2.0	2.0		3.0	2.0	2.0	1.0
M97-357138	2.3	2.0		2.0	2.0	2.0	2.0
SD00-632	2.7	3.5		2.0	2.0	2.0	1.0
SD00-2439	2.0	1.5		1.0	1.5	2.0	1.0
U00-409006	2.0	1.5		1.0	2.0	2.0	1.0
U01-190300	3.0	3.5		3.0	2.0	2.7	2.0
U01-190311	3.0	3.5		3.0	2.0	2.0	2.0
U01-190318	2.7	3.0		3.0	2.0	2.0	2.0
U01-290401	1.7	1.0		1.0	1.0	1.3	1.0
U01-290931	2.0	1.5		2.0	2.0	1.7	1.0

**UNIFORM TEST I, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
Parker (I)	35	34	36	29	33	38	30	
IA1008 (SCN)	36	37	40	30	33	40	30	
Lambert (O)	27	29	25	22	23	25	20	
A02-136032	33	34	36	25	31	39	24	
M98-227065	32	33	33	26	27	34	27	
M97-130015	30	31	31	24	26	37	23	
M97-357138	32	34	34	24	27	36	24	
SD00-632	33	33	32	26	27	37	25	
SD00-2439	29	25	29	24	29	30	23	
U00-409006	27	25	27	24	29	26	18	
U01-190300	32	32	31	24	29	37	26	
U01-190311	33	36	31	28	30	39	24	
U01-190318	32	35	32	25	29	37	26	
U01-290401	30	28	29	26	26	32	25	
U01-290931	33	33	34	25	28	39	25	

\*Data not included in mean.

**SEED SIZE (g/100)**

Strain	Mean 13 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
Parker (I)	17.2	17.7	16.7	15.7	16.1	15.3	13.5	18.5
IA1008 (SCN)	16.7	17.5	17.3	16.5	18.1	15.5	13.2	18.2
Lambert (O)	15.5	17.0	15.8	15.9	14.5	13.4	12.4	16.0
A02-136032	16.2	16.4	16.3	16.0	16.1	14.6	12.4	17.7
M98-227065	16.0	17.5	16.9	14.9	15.1	13.4	11.8	16.5
M97-130015	15.4	16.1	15.6	14.7	14.6	13.9	11.1	15.6
M97-357138	15.0	16.8	15.8	14.0	14.0	13.1	10.9	16.2
SD00-632	16.1	17.9	16.4	15.6	14.7	13.1	12.0	17.9
SD00-2439	16.5	16.6	15.8	16.3	15.9	15.3	13.4	17.8
U00-409006	16.5	17.6	17.2	15.3	16.4	14.4	12.3	17.1
U01-190300	14.6	15.0	14.5	14.7	14.4	13.1	10.0	15.6
U01-190311	15.0	15.3	15.0	15.4	15.0	12.8	11.4	15.7
U01-190318	14.3	14.8	14.1	14.3	14.4	12.7	10.7	15.9
U01-290401	16.5	17.2	16.6	15.9	16.3	15.8	12.1	17.4
U01-290931	15.0	14.6	14.6	14.5	15.2	14.4	10.8	15.3

\*Data not included in mean.

**UNIFORM TEST I, 2005**

**PLANT HEIGHT (inches)**

Strain	Portageville*						
	Waseca MN	(Loam) MO	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	Aurora SD
Parker (I)	33	25			31	41	41
IA1008 (SCN)	38	25			30	45	39
Lambert (O)	29	17			21	39	34
A02-136032	35	29			31	42	35
M98-227065	34	29			27	43	38
M97-130015	32	26			26	38	33
M97-357138	35	27			28	42	36
SD00-632	34	26			32	41	38
SD00-2439	31	16			22	43	32
U00-409006	28	17			23	41	29
U01-190300	35	29			27	42	38
U01-190311	34	30			34	42	35
U01-190318	35	30			29	40	35
U01-290401	30	19			27	42	37
U01-290931	34	29			29	43	37

**SEED SIZE (g/100)**

Strain	Portageville*						
	Waseca MN	(Loam) MO	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	Aurora SD
Parker (I)	18.6	18.9	17.8	20.9	18.7	15.8	17.8
IA1008 (SCN)	17.3	18.9	15.8	19.0	16.2	15.6	16.4
Lambert (O)	17.5	16.5	16.4	16.8	14.7	15.8	15.6
A02-136032	18.2	19.9	14.5	19.2	17.1	16.0	15.7
M98-227065	16.9	16.9	15.7	19.3	18.9	15.6	15.8
M97-130015	18.0	17.0	14.6	19.4	16.3	14.6	16.2
M97-357138	17.0	16.9	14.0	17.9	15.1	14.5	15.3
SD00-632	17.1	20.0	16.9	19.3	17.9	15.1	15.5
SD00-2439	17.1	19.1	16.3	21.4	16.4	16.1	16.6
U00-409006	17.9	17.2	16.1	20.3	17.7	15.3	16.6
U01-190300	15.9	17.2	14.5	18.5	16.1	13.5	13.8
U01-190311	16.4	18.2	14.4	18.9	15.9	14.5	14.8
U01-190318	15.0	16.1	14.0	17.9	15.0	13.9	13.4
U01-290401	18.2	16.9	15.4	19.5	17.2	17.0	16.4
U01-290931	16.1	16.7	14.1	18.4	16.3	15.6	14.8

**UNIFORM TEST I, 2005**

**SEED QUALITY (score)**

Strain	Mean 5 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
Parker (I)	1.7			2.5	1.5			1.3
IA1008 (SCN)	1.6			1.5	1.5			1.0
Lambert (O)	2.1			2.5	3.0			1.7
A02-136032	1.4			1.5	1.5			1.0
M98-227065	1.6			2.0	2.0			1.0
M97-130015	1.4			1.5	1.5			1.0
M97-357138	1.5			1.5	1.5			1.7
SD00-632	2.1			4.0	2.0			1.3
SD00-2439	1.8			1.0	1.5			2.3
U00-409006	1.5			1.5	1.5			1.0
U01-190300	1.4			1.5	1.5			1.0
U01-190311	1.5			1.5	1.5			1.3
U01-190318	1.5			1.5	1.5			1.7
U01-290401	1.6			2.0	2.0			1.0
U01-290931	1.6			1.5	1.5			1.3

\*Data not included in mean.

**UNIFORM TEST I, 2005****SEED QUALITY (score)**

---

Strain	Portageville*						
	Waseca MN	(Loam) MO	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	Aurora SD
Parker (I)	1.0	4.0					2.0
IA1008 (SCN)	2.0	3.0					2.0
Lambert (O)	1.5	3.5					2.0
A02-136032	1.0	3.5					2.0
M98-227065	1.0	3.0					2.0
M97-130015	1.0	2.5					2.0
M97-357138	1.0	3.0					2.0
SD00-632	1.0	3.5					2.0
SD00-2439	2.0	3.0					2.0
U00-409006	1.5	3.0					2.0
U01-190300	1.0	3.0					2.0
U01-190311	1.0	3.0					2.0
U01-190318	1.0	2.5					2.0
U01-290401	1.0	3.0					2.0
U01-290931	1.5	2.5					2.0

---

**UNIFORM TEST I, 2005**

**PROTEIN (%)**

Strain	Mean 6 Tests	Ames IA	Lafayette IN	Wanatah IN	Lamberton MN	Waseca MN	Aurora SD
Parker (I)	38.3	38.9	41.4	38.8	35.7	38.7	36.5
IA1008 (SCN)	38.7	38.7	40.7	38.6	38.2	37.7	38.4
Lambert (O)	40.0	41.9	41.2	42.8	37.8	39.4	36.8
A02-136032	39.5	39.1	41.0	40.2	38.8	39.0	38.8
M98-227065	39.6	41.1	42.2	40.0	38.3	38.7	37.5
M97-130015	40.3	40.2	41.7	41.6	39.2	39.5	39.6
M97-357138	38.8	39.6	41.7	39.7	37.7	38.3	35.7
SD00-632	38.7	39.7	42.1	39.1	39.2	37.6	34.6
SD00-2439	38.5	38.0	41.1	38.8	38.8	37.9	36.3
U00-409006	38.2	39.3	39.8	40.2	37.8	37.1	34.9
U01-190300	37.5	39.3	40.7	37.0	37.2	35.7	35.0
U01-190311	37.2	37.6	41.0	37.2	35.9	36.5	35.2
U01-190318	37.5	37.4	40.8	37.0	36.2	35.1	38.2
U01-290401	40.3	39.9	43.2	40.8	38.8	39.6	39.4
U01-290931	38.6	37.4	41.4	39.1	38.1	39.8	36.0

**UNIFORM TEST I, 2005**

**OIL (%)**

Strain	Mean 6 Tests	Ames IA	Lafayette IN	Wanatah IN	Lamberton MN	Waseca MN	Aurora SD
Parker (I)	21.6	20.9	22.2	22.1	22.2	20.5	21.8
IA1008 (SCN)	20.2	19.9	20.7	20.8	20.1	19.9	19.9
Lambert (O)	21.8	21.0	22.2	21.7	21.8	21.9	22.4
A02-136032	19.8	20.2	18.8	20.7	19.7	19.8	19.7
M98-227065	20.9	20.0	20.8	21.5	21.0	20.6	21.5
M97-130015	20.9	21.1	21.6	21.0	21.1	20.2	20.2
M97-357138	20.9	20.3	21.1	20.9	20.8	20.4	21.8
SD00-632	20.3	18.8	20.2	21.4	19.3	20.1	21.7
SD00-2439	21.0	21.5	21.1	21.6	20.0	20.4	21.2
U00-409006	21.1	20.2	21.6	21.0	20.7	21.0	21.8
U01-190300	20.9	19.8	20.5	22.3	20.5	20.8	21.2
U01-190311	20.7	20.6	21.0	21.6	20.5	20.2	20.6
U01-190318	20.8	21.2	20.0	22.2	20.9	20.8	19.9
U01-290401	20.3	20.5	20.4	20.8	20.7	19.8	19.6
U01-290931	20.9	21.6	21.0	21.6	20.4	19.4	21.5



**Preliminary Test I, 2005**

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	Parker (I)	A79-136012 x Dawson	F5	Rps1
2.	IA1008 (SCN)	Northrup King S20	F5	BSR
3.	Lambert (O)	M75-274 x M76-151	F4	
4.	IA2073	Pioneer 92B25 x A97-553017		1% linolenic
5.	A04-442023	Soygenetics 95-34480 x IA2064	F4	1% linolenic
6.	A04-442030	AgriPro 93046-A95-31271E x IA2064	F4	1% linolenic
7.	A04-443001	IA2068 x A00-711042	F5	
8.	A04-444032	A00-711022 x Pioneer XB31Z01	F4	
9.	A04-444043	Land O'Lakes 97-37364 x Syngenta S20-F8	F4	
10.	A04-542051	Syngenta S20-F8 x IA2064	F4	1% linolenic
11.	A04-542055	AgriPro 93046-A95-31271E x IA2064	F4	1% linolenic
12.	A04-542058	AgriPro 91308-N94-41433 x IA2064	F4	1% linolenic
13.	A04-543005	AgriPro X0121B74 x A00-711036	F4	
14.	A04-543009	AgriPro X0121B74 x A00-711036	F4	
15.	A04-543030	AgriPro X012N73 x IA2068	F5	SCN
16.	A04-543037	Dairyland 98822 x A00-711024	F5	SCN
17.	A04-543043	Pioneer 92B12 x A00-711042	F5	SCN
18.	A04-544033	Pioneer XB29D01 x A00-711025	F4	
19.	A04-545040	Land O'Lakes 96-22065 x A00-711024	F5	
20.	M00-110014	U96-2408 x MN0302	F4	Rps1k
21.	M00-110060	U96-2408 x MN0302	F4	Rps6
22.	M99-246012	IA2021 x Lan	F5	
23.	M99-246068	IA2021 x Lan	F5	
24.	M99-278256	MN0301 x S-1990	F5	Rps1c
25.	SD02-14	A2242 X IA2021	F4	Rps1-K
26.	SD02-220	IA2036 X Pion9172	F4	Rps1-k
27.	SD02-350	Marcus95 X A2242	F4	Rps1-k
28.	SD02-403	Pion9071 X Surge	F4	Rps1-a
29.	SD02-847	Surge x Pioneer P. 9151	F4	Rps1-k
30.	SD02-906	Pion9151 x M90-1279	F4	Rps1-k
31.	SD02-910	Pioneer P. 9151 x M90-1279	F4	Rps1-k
32.	SD02-911	Pion9151 x M90-1279	F4	Rps1-k
33.	SD02-923	Pioneer P.9172 x IA2021	F4	Rps1-k
34.	SD02-1043	A95-582004 X SD941370	F4	Rps1-k, Rps6
35.	U02-200629	NE1900 x Suinong 10	F5	
36.	U02-205137	MSBP7S4	F5	
37.	U02-241130	M91-163126 x NE1900	F5	
38.	U02-242017	A97-770012 x A97-770031	F5	

**PRELIMINARY TEST I, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	Chlorosis		Shattering	PR		PS	FE
		Score		Score	Lafayette		Lafayette	
		Humboldt	Wilkin Co.	Manhattan	Race	Race	a	a
		IA	MN	KS	4	7	%	
Parker (I)	WGBDYBfi	2.1	1.5	1.0	S	S	13	S
IA1008 (SCN)	WGBDYI	2.1	1.8	1.0	R*	R	10	S
Lambert (O)	PGBIYLbfi	1.9	1.8	1.0	S	S	21	S
IA2073	WSBIYI	2.3	1.8	1.0	S	R	3	S
A04-442023	PTTDYBII	2.3	1.3	1.0	S	S	5	
A04-442030	PTBDYBII	2.1	1.8	1.0	R	R	0	
A04-443001	PTBDYI	1.9	1.5	1.0	S	S	6	S
A04-444032	PTBDYI	2.3	1.5	1.0	R	R	9	S
A04-444043	PGBDYBfi	1.8	1.5	1.0	S	R	4	S
A04-542051	PTBDYBII	2.0	2.0	1.0	S	R	7	S
A04-542055	PTBDYBII	2.3	1.8	2.0	R	R	4	S
A04-542058	PSBDYBI+IbI	1.9	1.7	1.0	R	R	8	S
A04-543005	PGSDYI	2.4	1.5	1.0	S	R	3	S
A04-543009	WGSDYI	2.1	2.2	1.0	S	H	0	S
A04-543030	PGBDYI	1.9	1.7	1.0	R	R	2	S
A04-543037	PGTDYI	2.1	1.7	1.0	S	R	4	S
A04-543043	PTBDYI	2.1	1.2	1.0	R	R	3	S
A04-544033	WSTDYI	2.5	1.7	1.0	S	R	2	S
A04-545040	PGBDYI	2.3	1.7	1.0	R	R	4	S
M00-110014	WGTDYBfi	2.0	1.7	1.0	R	R	17	
M00-110060	WGTDYBfi	2.3	1.7	1.0	R	S	7	S
M99-246012	WGTDYBfi	2.1	2.2	1.0	S	S	4	
M99-246068	P+WGTDYIb+Bfi	2.4	1.7	1.0	H	H	0	S
M99-278256	WGBDYBfi	2.1	1.5	1.0	S	S*	4	S
SD02-14	WTBDYIbI	2.4	2.0	2.0	R	R	2	S
SD02-220	PTBIYBfi	2.1	1.8	2.0	R	R	4	S
SD02-350	WGBDYBfi	2.0	1.5	1.0	R	R	3	S
SD02-403	PGBDYIbI	2.0	2.3	1.0	S	R*	2	S
SD02-847	PTBDYBII	2.1	1.7	1.0	R	R	0	S
SD02-906	PTBDYBII	2.0	1.5	1.0	R	R	0	S
SD02-910	PTBDYBII	2.1	1.7	1.0	R	R	0	S
SD02-911	PTBDYBII	1.8	1.8	1.0	H*	R	0	S
SD02-923	WTBIYBII	2.4	1.8	1.0	R	R	0	S
SD02-1043	PGTDYIbI	1.8	1.5	1.0	R	R	1	
U02-200629	WGBDYI	2.1	1.5	1.0	S	S	1	
U02-205137	PTTDYBII	2.6	1.7	1.0	S	S	3	S
U02-241130	WGBDYI	2.0	1.5	1.0	S	S	3	S
U02-242017	PGBDYI	2.1	1.5	1.0	S	S	3	S

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**PRELIMINARY TEST I, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 10 bu/a	Rank 10 No.	Maturity 9 Date	Lodging 10 Score	Plant Height 8 In.	Seed Size 11 g/100	Seed Quality 4 Score	Composition	
								Protein 6 %	Oil 6 %
Parker (I)	52.4	33	9/9	2.2	34	16.9	1.6	38.1	21.2
IA1008 (SCN)	56.5	23	2.5	1.6	34	17.0	1.6	38.8	19.9
Lambert (0)	40.6	38	-5.3	1.8	25	15.7	1.6	39.3	21.8
IA2073	59.7	9	6.3	1.6	30	14.4	1.3	38.4	20.0
A04-442023	55.2	27	3.4	1.5	30	15.9	1.8	39.5	20.8
A04-442030	55.6	26	0.2	1.4	31	14.2	1.3	40.0	20.7
A04-443001	60.9	5	3.1	2.3	38	12.6	1.4	37.1	20.2
A04-444032	57.3	17	4.6	2.0	34	15.2	1.5	38.8	20.9
A04-444043	60.4	6	3.0	1.9	34	17.1	1.6	38.4	20.4
A04-542051	57.9	13	8.0	1.5	33	15.8	1.3	39.1	21.0
A04-542055	60.0	8	8.7	1.7	34	14.2	1.6	38.5	21.2
A04-542058	56.6	22	6.1	1.9	36	14.5	1.4	37.4	21.9
A04-543005	57.9	13	5.1	2.0	33	16.5	1.5	40.2	18.5
A04-543009	60.1	7	4.5	1.5	31	16.1	1.9	40.1	18.9
A04-543030	57.0	18	8.3	2.2	35	17.8	1.6	39.6	20.1
A04-543037	63.3	1	4.7	1.8	31	15.6	1.6	37.5	21.3
A04-543043	62.4	2	9.3	2.2	39	15.1	1.6	40.1	19.6
A04-544033	61.6	3	6.6	1.8	33	15.5	1.6	40.3	19.5
A04-545040	61.6	3	6.3	1.5	30	16.5	1.6	37.0	20.5
M00-110014	56.1	24	-0.7	1.7	34	15.2	1.8	39.3	19.9
M00-110060	57.9	13	1.4	1.8	34	14.9	1.4	39.1	20.0
M99-246012	50.8	34	-1.1	1.6	28	18.0	1.4	37.6	20.9
M99-246068	53.5	31	2.6	1.6	29	16.9	1.6	38.8	20.8
M99-278256	53.3	32	0.9	2.1	35	17.3	1.6	38.9	20.5
SD02-14	57.0	18	4.2	2.0	31	14.8	1.5	39.2	20.1
SD02-220	47.7	37	-1.4	2.2	34	15.0	1.4	39.6	20.1
SD02-350	56.8	21	1.6	1.5	29	15.8	1.6	39.8	19.7
SD02-403	50.1	36	-2.5	2.1	33	16.6	1.5	36.4	21.2
SD02-847	54.7	29	-1.1	2.0	31	16.3	1.5	39.0	21.5
SD02-906	57.7	16	1.1	1.6	33	17.7	1.4	38.1	21.3
SD02-910	56.1	24	0.1	2.0	31	16.9	1.3	38.2	21.6
SD02-911	59.1	10	0.6	1.7	33	17.3	1.4	39.3	20.6
SD02-923	57.0	18	4.5	1.6	33	14.2	1.5	37.9	20.4
SD02-1043	55.0	28	0.3	2.0	34	17.4	1.8	40.0	20.1
U02-200629	50.4	35	5.4	2.2	33	17.7	1.3	39.1	19.8
U02-205137	58.8	11	2.4	1.9	34	17.0	1.4	39.3	20.0
U02-241130	58.7	12	3.6	1.8	35	15.6	1.4	37.9	20.5
U02-242017	54.4	30	5.7	1.6	35	17.0	1.6	38.9	20.0

113.4 Days After Planting

**PRELIMINARY TEST I, 2005**

**YIELD (bu/a)**

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham* County MI	Lamberton MN	Waseca MN
Parker (I)	52.4	46.5	52.9	34.5	39.3	47.1	41.3
IA1008 (SCN)	56.5	60.2	66.1	43.2	40.9	52.4	46.7
Lambert (O)	40.6	38.0	31.1	25.9	35.3	45.7	40.9
IA2073	59.7	72.0	54.4	45.8	42.3	48.1	62.9
A04-442023	55.2	67.8	61.0	41.3	43.5	50.4	55.3
A04-442030	55.6	63.0	53.7	44.2	40.7	47.2	52.5
A04-443001	60.9	69.0	56.0	58.5	40.2	56.2	58.9
A04-444032	57.3	60.5	54.8	54.3	46.6	49.3	55.1
A04-444043	60.4	74.4	72.0	50.8	46.5	55.8	51.5
A04-542051	57.9	73.5	60.5	45.7	34.7	50.2	52.0
A04-542055	60.0	74.5	58.5	44.5	40.7	53.9	62.1
A04-542058	56.6	63.8	58.6	40.5	45.9	50.6	59.6
A04-543005	57.9	65.0	60.2	43.2	40.2	58.5	61.7
A04-543009	60.1	74.3	62.9	44.5	47.5	50.7	52.4
A04-543030	57.0	68.2	54.6	51.4	39.5	53.8	55.1
A04-543037	63.3	67.5	72.3	55.2	47.1	53.5	59.0
A04-543043	62.4	66.4	70.0	52.9	43.5	53.2	59.7
A04-544033	61.6	70.4	65.2	53.0	41.7	56.2	60.6
A04-545040	61.6	76.4	60.3	47.4	44.3	54.6	53.7
M00-110014	56.1	61.5	63.6	42.8	31.6	47.7	48.8
M00-110060	57.9	63.6	57.6	39.2	37.7	47.9	59.0
M99-246012	50.8	61.1	50.3	32.7	49.3	47.0	42.0
M99-246068	53.5	68.2	59.5	35.4	37.8	52.8	51.5
M99-278256	53.3	51.0	49.8	38.1	35.0	52.0	53.2
SD02-14	57.0	65.3	67.7	31.0	33.1	47.0	54.2
SD02-220	47.7	51.7	49.8	37.0	30.7	39.9	45.5
SD02-350	56.8	63.3	63.6	40.2	36.8	51.5	54.4
SD02-403	50.1	52.8	46.0	38.5	32.3	43.3	39.4
SD02-847	54.7	60.4	59.2	39.8	44.8	47.2	56.9
SD02-906	57.7	67.0	56.9	44.3	38.3	50.3	60.6
SD02-910	56.1	60.1	57.4	42.0	42.0	45.3	54.4
SD02-911	59.1	65.3	57.5	42.3	34.8	53.1	63.0
SD02-923	57.0	64.3	58.7	46.2	45.1	43.8	54.2
SD02-1043	55.0	59.1	58.0	40.1	25.3	41.8	49.5
U02-200629	50.4	66.3	41.4	44.3	41.6	56.1	42.7
U02-205137	58.8	71.9	54.7	43.2	37.1	51.9	52.7
U02-241130	58.7	73.2	59.9	39.1	37.8	57.1	57.2
U02-242017	54.4	68.6	53.3	43.3	43.5	43.8	48.2
C.V. (%)		7.2	13.8	10.2	18.2	7.6	11.4
L.S.D. (5%)		9.3	16.1	8.9	12.3	7.7	12.4
Row Sp. (In.)		27	27	24	15	10	10
Rows/Plot		4	4	4	6	4	4
Reps		2	2	2	2	2	2

\*Data not included in mean.

**PRELIMINARY TEST I, 2005**

**YIELD (bu/a)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Ridgetown Ont	Aurora SD
Parker (I)	50.3	65.3	78.0	49.9	57.9
IA1008 (SCN)	52.1	68.0	74.3	43.2	58.9
Lambert (O)	43.8	56.0	32.1	38.9	53.5
IA2073	62.9	77.1	75.5	41.2	57.1
A04-442023	50.4	69.0	55.8	42.8	58.7
A04-442030	56.5	68.7	60.3	48.6	61.2
A04-443001	60.7	69.4	75.3	47.2	57.5
A04-444032	56.9	60.1	71.3	49.4	61.1
A04-444043	58.4	67.4	67.5	48.2	58.4
A04-542051	59.1	60.0	74.1	48.8	54.9
A04-542055	61.7	65.2	73.5	47.4	58.4
A04-542058	57.3	58.6	72.6	49.4	55.2
A04-543005	62.3	60.7	64.6	44.9	57.8
A04-543009	53.8	71.8	76.2	51.4	62.7
A04-543030	61.6	55.1	65.9	46.5	58.3
A04-543037	60.9	66.8	84.1	49.0	64.7
A04-543043	58.7	67.0	80.3	54.2	61.6
A04-544033	58.5	68.9	70.8	47.6	65.3
A04-545040	52.7	63.2	93.4	52.2	62.3
M00-110014	50.9	66.6	73.8	46.4	59.1
M00-110060	55.0	68.0	83.9	46.0	58.8
M99-246012	42.1	63.9	66.5	41.2	61.1
M99-246068	49.7	59.2	55.5	45.2	57.6
M99-278256	53.8	66.3	69.3	44.4	54.9
SD02-14	56.5	66.9	66.9	53.6	61.1
SD02-220	49.9	45.0	61.3	44.6	52.4
SD02-350	52.1	64.2	71.0	47.0	60.5
SD02-403	48.9	65.9	65.5	44.4	56.2
SD02-847	47.1	60.3	72.3	47.6	55.9
SD02-906	52.6	68.5	64.1	48.6	63.8
SD02-910	53.3	65.8	76.1	46.6	59.8
SD02-911	56.7	73.8	77.3	47.0	55.5
SD02-923	51.8	67.4	75.0	48.6	60.1
SD02-1043	57.2	60.2	81.3	46.7	56.2
U02-200629	60.9	58.4	37.0	37.2	60.0
U02-205137	58.8	64.7	81.9	48.0	59.8
U02-241130	58.2	62.7	76.8	41.9	60.8
U02-242017	53.2	59.6	75.0	48.0	50.9
C.V. (%)	6.6	9.8	13.1	10.9	3.5
L.S.D. (5%)	7.4	12.8	18.7	8.6	4.1
Row Sp. (In.)	30	30	30	17	30
Rows/Plot	4	4	4	5	4
Reps	2	2	2	2	3

PRELIMINARY TEST I, 2005

YIELD RANK

Strain	Yield Rank	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
Parker (I)	33	37	32	35	23	29	36
IA1008 (SCN)	23	31	5	18	17	14	32
Lambert (0)	38	38	38	38	30	32	37
IA2073	9	7	29	10	13	24	2
A04-442023	27	14	10	24	10	20	14
A04-442030	26	26	30	16	18	27	24
A04-443001	5	10	25	1	20	3	11
A04-444032	17	29	26	3	4	23	15
A04-444043	6	3	2	7	5	6	27
A04-542051	13	5	11	11	33	22	26
A04-542055	8	2	19	12	19	8	3
A04-542058	22	23	18	25	6	19	8
A04-543005	13	21	13	18	21	1	4
A04-543009	7	4	9	12	2	18	25
A04-543030	18	12	28	6	22	9	15
A04-543037	1	15	1	2	3	10	9
A04-543043	2	17	3	5	11	11	7
A04-544033	3	9	6	4	15	3	5
A04-545040	3	1	12	8	9	7	21
M00-110014	24	27	7	21	36	26	30
M00-110060	13	24	21	29	27	25	9
M99-246012	34	28	33	36	1	30	35
M99-246068	31	12	15	34	25	13	27
M99-278256	32	36	34	32	31	15	22
SD02-14	18	19	4	37	34	30	19
SD02-220	37	35	34	33	37	38	33
SD02-350	21	25	7	26	29	17	17
SD02-403	36	34	36	31	35	36	38
SD02-847	29	30	16	28	8	27	13
SD02-906	16	16	24	14	24	21	5
SD02-910	24	32	23	23	14	33	17
SD02-911	10	19	22	22	32	12	1
SD02-923	18	22	17	9	7	34	19
SD02-1043	28	33	20	27	38	37	29
U02-200629	35	18	37	14	16	5	34
U02-205137	11	8	27	18	28	16	23
U02-241130	12	6	14	30	26	2	12
U02-242017	30	11	31	17	12	34	31

PRELIMINARY TEST I, 2005

YIELD RANK

Strain	Beemer NE	Cotesfield NE	Goehner NE	Ridgetown Ont	Aurora SD
Parker (I)	32	20	7	5	24
IA1008 (SCN)	27	9	16	32	18
Lambert (O)	37	36	38	37	36
IA2073	1	1	12	35	28
A04-442023	31	5	35	33	20
A04-442030	18	7	34	10	7
A04-443001	7	4	13	19	27
A04-444032	16	30	22	6	8
A04-444043	12	11	26	13	21
A04-542051	8	31	17	9	34
A04-542055	3	21	19	18	21
A04-542058	14	34	20	7	33
A04-543005	2	27	31	28	25
A04-543009	21	3	10	4	4
A04-543030	4	37	29	24	23
A04-543037	5	15	2	8	2
A04-543043	10	13	6	1	6
A04-544033	11	6	24	16	1
A04-545040	25	25	1	3	5
M00-110014	30	16	18	25	17
M00-110060	20	9	3	26	19
M99-246012	38	24	28	36	8
M99-246068	34	33	36	27	26
M99-278256	21	17	25	30	34
SD02-14	18	14	27	2	8
SD02-220	33	38	33	29	37
SD02-350	27	23	23	20	12
SD02-403	35	18	30	31	29
SD02-847	36	28	21	17	31
SD02-906	26	8	32	11	3
SD02-910	23	19	11	23	15
SD02-911	17	2	8	21	32
SD02-923	29	11	14	12	13
SD02-1043	15	29	5	22	29
U02-200629	5	35	37	38	14
U02-205137	9	22	4	14	15
U02-241130	13	26	9	34	11
U02-242017	24	32	14	15	38

PRELIMINARY TEST I, 2005

MATURITY (date)

Strain	Mean 9 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
Parker (I)	9/9	9/7		8/21	9/2	9/24	9/25
IA1008 (SCN)	2.5	0		8	5	2	3
Lambert (0)	-5.3	-11		-2	-1	-7	-10
IA2073	6.3	5		10	7	6	6
A04-442023	3.4	2		13	5	1	1
A04-442030	0.2	-1		7	2	-5	-2
A04-443001	3.1	3		11	4	3	4
A04-444032	4.6	1		12	6	3	5
A04-444043	3.0	4		8	4	0	5
A04-542051	8.0	9		12	6	8	9
A04-542055	8.7	8		18	6	10	10
A04-542058	6.1	4		12	7	3	6
A04-543005	5.1	5		10	5	2	7
A04-543009	4.5	2		9	6	4	6
A04-543030	8.3	7		13	7	10	10
A04-543037	4.7	3		10	4	3	8
A04-543043	9.3	11		12	10	10	10
A04-544033	6.6	5		10	6	7	9
A04-545040	6.3	7		11	6	5	8
M00-110014	-0.7	-3		8	1	-2	-3
M00-110060	1.4	1		4	3	1	3
M99-246012	-1.1	-3		2	3	-2	-3
M99-246068	2.6	2		8	3	3	4
M99-278256	0.9	-1		2	-1	1	0
SD02-14	4.2	3		8	2	5	6
SD02-220	-1.4	-4		3	2	-1	-4
SD02-350	1.6	-1		8	2	1	2
SD02-403	-2.5	-5		1	-1	-4	-3
SD02-847	-1.1	-2		3	1	-3	-2
SD02-906	1.1	0		6	2	0	-1
SD02-910	0.1	-1		6	0	-1	0
SD02-911	0.6	0		6	1	-2	1
SD02-923	4.5	6		11	6	3	4
SD02-1043	0.3	1		6	-1	-2	3
U02-200629	5.4	5		10	9	7	7
U02-205137	2.4	2		8	3	1	3
U02-241130	3.6	2		7	5	1	5
U02-242017	5.7	5		12	6	7	5
Date Planted	5/18	5/2		5/7	5/18	5/28	5/16
Days to Mature	113	128		106	107	119	132



PRELIMINARY TEST I, 2005

MATURITY (date)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Ridgetown Ont	Aurora SD
Parker (I)		9/17	9/6	8/26	9/15
IA1008 (SCN)		1	4	2	-2
Lambert (O)		-3	-3	-3	-8
IA2073		7	6	7	3
A04-442023		1	4	4	0
A04-442030		1	1	3	-4
A04-443001		-1	1	4	-1
A04-444032		6	3	5	0
A04-444043		1	3	3	0
A04-542051		6	6	10	6
A04-542055		7	7	9	4
A04-542058		5	6	9	3
A04-543005		7	2	6	3
A04-543009		5	2	6	1
A04-543030		7	7	7	7
A04-543037		5	6	4	0
A04-543043		5	7	12	7
A04-544033		2	6	9	5
A04-545040		4	6	8	3
M00-110014		-1	-1	0	-5
M00-110060		0	-1	2	0
M99-246012		-4	-2	1	-2
M99-246068		1	0	3	0
M99-278256		4	1	2	0
SD02-14		5	5	5	0
SD02-220		-2	-5	0	-2
SD02-350		0	3	1	-1
SD02-403		-1	-3	0	-7
SD02-847		1	-2	-1	-5
SD02-906		1	2	2	-2
SD02-910		-1	0	-1	-2
SD02-911		0	1	2	-4
SD02-923		-1	3	7	1
SD02-1043		-2	1	0	-3
U02-200629		-1	5	7	0
U02-205137		3	3	1	-1
U02-241130		2	3	8	0
U02-242017		5	2	7	3
Date Planted		6/7	5/19	5/18	5/21
Days to Mature		102	110	100	117

**PRELIMINARY TEST I, 2005**

**LODGING (score)**

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
Parker (I)	2.2	3.3	2.5	1.0	2.5	2.0	3.0
IA1008 (SCN)	1.6	2.3	1.8	1.0	1.5	2.0	2.0
Lambert (O)	1.8	2.5	2.0	1.0	1.0	2.5	2.0
IA2073	1.6	2.0	1.5	1.0	1.5	2.0	2.0
A04-442023	1.5	1.5	1.5	1.0	1.0	2.0	2.0
A04-442030	1.4	1.5	1.8	1.0	1.5	1.5	2.0
A04-443001	2.3	2.8	2.3	2.3	2.5	2.5	3.0
A04-444032	2.0	2.5	1.8	1.5	2.5	2.0	2.5
A04-444043	1.9	2.8	2.3	1.0	1.5	1.5	2.5
A04-542051	1.5	2.0	1.5	1.0	1.0	1.0	2.0
A04-542055	1.7	2.0	1.8	1.0	2.0	2.0	2.0
A04-542058	1.9	2.8	2.0	1.3	2.0	2.0	2.0
A04-543005	2.0	2.8	2.3	1.0	1.5	2.0	3.0
A04-543009	1.5	2.0	1.8	1.0	1.0	1.5	2.0
A04-543030	2.2	2.5	2.0	1.8	2.5	2.0	3.0
A04-543037	1.8	2.5	2.0	1.3	1.5	2.0	2.0
A04-543043	2.2	3.0	2.5	1.5	2.0	2.0	3.0
A04-544033	1.8	2.5	2.0	1.0	1.0	2.0	3.0
A04-545040	1.5	1.8	1.5	1.0	1.5	1.0	2.0
M00-110014	1.7	2.8	2.0	1.0	1.0	2.0	2.0
M00-110060	1.8	2.3	1.8	1.0	1.0	2.0	2.5
M99-246012	1.6	1.8	2.0	1.0	1.0	2.0	2.0
M99-246068	1.6	1.5	2.0	1.0	1.5	2.0	2.0
M99-278256	2.1	3.3	2.3	1.0	1.5	2.0	3.0
SD02-14	2.0	2.8	2.0	1.0	1.5	3.0	3.0
SD02-220	2.2	3.8	2.5	1.3	2.5	2.0	2.0
SD02-350	1.5	1.8	2.0	1.0	1.0	1.5	2.0
SD02-403	2.1	4.5	2.0	1.3	2.0	2.0	2.0
SD02-847	2.0	2.5	2.0	1.3	2.0	2.5	2.5
SD02-906	1.6	2.3	2.0	1.0	1.0	2.0	2.0
SD02-910	2.0	2.3	2.0	1.0	1.5	3.0	2.5
SD02-911	1.7	2.3	1.5	1.0	1.0	2.0	2.0
SD02-923	1.6	2.3	2.0	1.0	1.5	1.5	2.0
SD02-1043	2.0	2.8	2.0	1.3	2.0	2.0	2.5
U02-200629	2.2	2.8	2.3	1.0	2.0	2.5	3.0
U02-205137	1.9	2.8	2.3	1.0	2.5	2.0	2.0
U02-241130	1.8	2.5	2.0	1.0	1.5	2.0	2.0
U02-242017	1.6	2.0	1.8	1.0	1.5	1.5	2.0

**PRELIMINARY TEST I, 2005**

**LODGING (score)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Ridgetown Ont	Aurora SD
Parker (I)		3.0	2.0	1.0	2.0
IA1008 (SCN)		1.5	2.0	1.0	1.0
Lambert (O)		2.0	2.0	1.0	2.0
IA2073		2.0	2.0	1.0	1.0
A04-442023		1.5	2.0	1.0	1.0
A04-442030		1.0	2.0	1.0	1.0
A04-443001		3.0	2.0	1.0	2.0
A04-444032		3.0	2.0	1.0	1.0
A04-444043		2.5	2.0	1.0	2.0
A04-542051		2.0	2.0	1.0	1.0
A04-542055		2.5	2.0	1.0	1.0
A04-542058		3.0	2.0	1.0	1.0
A04-543005		3.0	2.0	1.0	1.0
A04-543009		1.0	2.0	1.0	2.0
A04-543030		3.0	2.5	1.0	2.0
A04-543037		3.0	2.0	1.0	1.0
A04-543043		3.0	2.5	1.0	1.0
A04-544033		2.5	2.0	1.0	1.0
A04-545040		2.0	2.0	1.0	1.0
M00-110014		2.5	2.0	1.0	1.0
M00-110060		2.5	2.0	1.0	2.0
M99-246012		1.0	2.0	1.0	2.0
M99-246068		1.5	2.0	1.0	1.0
M99-278256		3.0	2.0	1.0	2.0
SD02-14		3.0	2.0	1.0	1.0
SD02-220		3.0	2.0	1.0	2.0
SD02-350		2.0	2.0	1.0	1.0
SD02-403		3.0	2.0	1.0	1.0
SD02-847		3.0	2.0	1.0	1.0
SD02-906		1.5	2.0	1.0	1.0
SD02-910		3.0	2.0	1.0	2.0
SD02-911		2.5	2.0	1.0	2.0
SD02-923		1.5	2.0	1.0	1.0
SD02-1043		2.5	2.0	1.0	2.0
U02-200629		3.0	2.0	1.0	2.0
U02-205137		2.5	2.0	1.0	1.0
U02-241130		2.5	2.0	1.0	1.0
U02-242017		2.5	1.5	1.0	1.0

**PRELIMINARY TEST I, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 8 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
Parker (I)	34	34	36	29	36	39	
IA1008 (SCN)	34	37	40	29	30	39	
Lambert (O)	25	29	25	20	25	36	
IA2073	30	34	29	27	31	34	
A04-442023	30	32	24	24	32	36	
A04-442030	31	32	30	27	32	34	
A04-443001	38	37	42	36	39	43	
A04-444032	34	33	33	29	39	39	
A04-444043	34	36	37	31	32	37	
A04-542051	33	36	35	28	32	38	
A04-542055	34	33	34	30	39	39	
A04-542058	36	37	41	33	37	40	
A04-543005	33	39	35	30	34	37	
A04-543009	31	27	31	27	36	34	
A04-543030	35	35	36	32	36	37	
A04-543037	31	32	35	29	35	36	
A04-543043	39	43	43	37	41	40	
A04-544033	33	34	36	30	33	36	
A04-545040	30	31	31	25	30	32	
M00-110014	34	34	40	30	30	40	
M00-110060	34	37	39	27	30	41	
M99-246012	28	27	27	22	31	31	
M99-246068	29	28	34	24	32	36	
M99-278256	35	36	41	29	35	39	
SD02-14	31	33	34	25	30	36	
SD02-220	34	35	37	30	34	42	
SD02-350	29	28	28	25	32	31	
SD02-403	33	35	34	30	31	35	
SD02-847	31	31	34	26	33	37	
SD02-906	33	32	37	28	32	37	
SD02-910	31	30	34	26	33	35	
SD02-911	33	35	32	27	34	37	
SD02-923	33	36	34	29	35	35	
SD02-1043	34	35	39	29	34	38	
U02-200629	33	33	35	32	33	41	
U02-205137	34	37	35	30	38	38	
U02-241130	35	37	37	28	39	37	
U02-242017	35	39	40	30	36	42	

**PRELIMINARY TEST I, 2005**

**PLANT HEIGHT (inches)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Ridgetown Ont	Aurora SD
Parker (I)			34	28	36
IA1008 (SCN)			37	23	40
Lambert (O)			20	18	30
IA2073			29	24	33
A04-442023			27	28	34
A04-442030			29	26	35
A04-443001			37	30	42
A04-444032			32	28	39
A04-444043			30	28	39
A04-542051			34	26	37
A04-542055			34	28	37
A04-542058			35	30	39
A04-543005			30	26	36
A04-543009			30	26	36
A04-543030			38	26	40
A04-543037			28	21	34
A04-543043			41	34	34
A04-544033			32	26	38
A04-545040			28	24	36
M00-110014			34	25	42
M00-110060			32	26	42
M99-246012			25	23	34
M99-246068			24	20	34
M99-278256			34	29	35
SD02-14			31	25	33
SD02-220			32	26	38
SD02-350			30	24	32
SD02-403			34	24	41
SD02-847			29	24	36
SD02-906			31	28	37
SD02-910			31	24	39
SD02-911			32	22	42
SD02-923			31	25	36
SD02-1043			32	26	37
U02-200629			29	26	37
U02-205137			33	26	38
U02-241130			36	28	38
U02-242017			34	26	34

**PRELIMINARY TEST I, 2005**

**SEED SIZE (g/100)**

Strain	Mean 11 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
Parker (I)	16.9	17.7	16.7	14.2	11.7	18.9	18.7
IA1008 (SCN)	17.0	17.5	17.3	16.5	14.5	18.7	17.5
Lambert (O)	15.7	17.0	15.8	16.1	13.2	16.1	16.2
IA2073	14.4	14.0	14.0	13.4	11.9	16.4	15.8
A04-442023	15.9	15.9	15.0	16.4	13.0	17.1	17.9
A04-442030	14.2	14.8	13.6	15.8	12.2	14.5	15.0
A04-443001	12.6	13.5	12.6	12.9	9.2	13.4	13.0
A04-444032	15.2	15.5	15.0	17.2	12.2	16.5	16.6
A04-444043	17.1	17.3	17.2	17.4	12.8	18.5	18.3
A04-542051	15.8	15.6	15.4	15.8	12.8	18.7	15.7
A04-542055	14.2	14.7	13.7	13.7	11.5	16.9	15.0
A04-542058	14.5	14.7	14.3	14.1	12.8	15.5	16.1
A04-543005	16.5	16.3	16.6	16.6	14.2	18.4	18.4
A04-543009	16.1	16.7	16.0	15.2	13.6	17.4	17.4
A04-543030	17.8	16.0	16.0	35.8	12.0	19.6	17.8
A04-543037	15.6	15.7	15.2	16.5	12.6	16.7	16.1
A04-543043	15.1	15.5	15.7	15.2	11.5	17.2	16.7
A04-544033	15.5	16.0	15.8	15.7	12.0	17.9	17.2
A04-545040	16.5	17.3	16.4	17.2	13.7	16.8	17.1
M00-110014	15.2	16.2	15.6	16.7	10.9	16.1	15.8
M00-110060	14.9	16.1	15.0	15.6	11.5	15.2	15.7
M99-246012	18.0	17.7	17.8	20.1	14.6	18.9	18.1
M99-246068	16.9	17.3	17.1	17.5	14.0	19.1	17.5
M99-278256	17.3	18.8	17.1	16.9	12.2	19.0	18.4
SD02-14	14.8	15.8	15.7	15.0	11.7	16.4	15.1
SD02-220	15.0	15.7	15.1	15.9	12.4	15.8	15.8
SD02-350	15.8	16.6	16.0	16.7	13.4	15.6	16.3
SD02-403	16.6	16.8	16.1	17.3	13.8	16.9	17.4
SD02-847	16.3	17.8	16.7	15.6	13.1	17.0	18.6
SD02-906	17.7	19.2	17.4	17.8	13.2	17.8	18.7
SD02-910	16.9	17.5	17.0	16.9	13.8	17.3	18.8
SD02-911	17.3	17.5	16.7	18.6	13.7	18.4	18.1
SD02-923	14.2	14.0	14.6	14.9	11.8	15.1	15.5
SD02-1043	17.4	18.4	17.9	18.0	12.2	18.0	18.7
U02-200629	17.7	18.4	17.7	19.0	16.0	18.5	17.9
U02-205137	17.0	17.7	16.8	17.4	14.5	17.7	18.0
U02-241130	15.6	16.2	15.4	15.7	13.8	16.5	17.3
U02-242017	17.0	17.4	16.4	17.5	14.3	19.0	18.7

**PRELIMINARY TEST I, 2005**

**SEED SIZE (g/100)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Ridgetown Ont	Aurora SD
Parker (I)	17.1	21.3	18.2	15.3	16.6
IA1008 (SCN)	15.8	18.6	16.8	17.0	16.5
Lambert (O)	16.0	16.2	14.7	16.0	15.4
IA2073	13.8	17.2	13.8	13.6	14.6
A04-442023	15.8	17.3	15.5	15.4	15.7
A04-442030	14.1	15.2	14.0	13.2	13.5
A04-443001	12.2	14.1	11.9	13.4	12.2
A04-444032	14.4	17.3	14.0	14.2	14.5
A04-444043	16.8	18.8	17.1	17.3	16.7
A04-542051	15.6	17.3	15.7	15.2	16.1
A04-542055	13.7	15.5	14.0	13.6	13.7
A04-542058	13.3	17.1	13.9	13.3	14.2
A04-543005	15.5	18.5	15.5	15.1	16.5
A04-543009	15.3	17.8	15.5	15.4	16.6
A04-543030	14.3	18.5	14.6	14.8	16.6
A04-543037	15.1	18.0	14.2	16.0	15.8
A04-543043	13.7	16.0	14.4	14.2	15.6
A04-544033	13.5	17.4	14.3	15.1	15.9
A04-545040	15.2	18.4	17.0	15.9	16.4
M00-110014	14.9	16.8	15.2	14.7	14.6
M00-110060	14.6	16.6	15.7	13.7	14.8
M99-246012	18.4	18.6	18.5	17.2	18.5
M99-246068	16.1	18.4	16.5	15.8	16.9
M99-278256	17.6	20.2	17.3	16.0	16.6
SD02-14	13.7	17.2	14.3	13.5	14.2
SD02-220	13.8	17.3	13.8	15.1	14.3
SD02-350	15.0	18.1	15.2	15.5	15.5
SD02-403	16.3	19.3	16.8	16.5	16.0
SD02-847	15.3	19.0	17.3	14.3	15.0
SD02-906	17.6	20.0	17.5	17.7	17.6
SD02-910	16.3	19.4	16.3	16.8	15.7
SD02-911	16.4	19.5	17.7	16.6	16.8
SD02-923	13.0	15.9	14.1	13.1	13.8
SD02-1043	17.2	20.1	17.7	15.7	18.0
U02-200629	17.1	20.0	16.9	16.1	17.5
U02-205137	16.5	19.2	17.0	15.3	16.5
U02-241130	14.0	17.9	14.9	14.1	15.5
U02-242017	15.5	18.4	16.8	15.3	18.2

**PRELIMINARY TEST I, 2005**

**SEED QUALITY (score)**

Strain	Mean 4 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
Parker (I)	1.6			2.0		1.5	1.0
IA1008 (SCN)	1.6			1.5		1.5	1.5
Lambert (0)	1.6			2.0		1.5	1.0
IA2073	1.3			1.5		1.5	1.0
A04-442023	1.8			2.0		1.5	1.5
A04-442030	1.3			1.0		1.0	1.0
A04-443001	1.4			1.0		1.0	1.5
A04-444032	1.5			1.5		1.5	1.0
A04-444043	1.6			1.5		1.5	1.5
A04-542051	1.3			1.0		1.0	1.0
A04-542055	1.6			2.5		1.0	1.0
A04-542058	1.4			1.5		1.0	1.0
A04-543005	1.5			2.0		1.0	1.0
A04-543009	1.9			2.0		1.5	2.0
A04-543030	1.6			1.0		1.5	2.0
A04-543037	1.6			1.0		2.0	1.5
A04-543043	1.6			1.5		2.0	1.0
A04-544033	1.6			2.0		1.5	1.0
A04-545040	1.6			1.5		2.0	1.0
M00-110014	1.8			2.5		1.5	1.0
M00-110060	1.4			1.5		1.0	1.0
M99-246012	1.4			1.5		1.0	1.0
M99-246068	1.6			2.0		1.5	1.0
M99-278256	1.6			2.0		1.0	1.5
SD02-14	1.5			1.5		1.0	1.5
SD02-220	1.4			1.5		1.0	1.0
SD02-350	1.6			1.0		1.5	2.0
SD02-403	1.5			1.5		1.0	1.5
SD02-847	1.5			2.0		1.0	1.0
SD02-906	1.4			1.5		1.0	1.0
SD02-910	1.3			1.0		1.0	1.0
SD02-911	1.4			1.5		1.0	1.0
SD02-923	1.5			1.5		1.0	1.5
SD02-1043	1.8			1.5		1.5	2.0
U02-200629	1.3			1.0		1.0	1.0
U02-205137	1.4			1.5		1.0	1.0
U02-241130	1.4			1.0		1.0	1.5
U02-242017	1.6			1.5		1.0	2.0



**PRELIMINARY TEST I, 2005**

**SEED QUALITY (score)**

---

Strain	Beemer NE	Cotesfield NE	Goehner NE	Ridgetown Ont	Aurora SD
Parker (I)					2.0
IA1008 (SCN)					2.0
Lambert (O)					2.0
IA2073					1.0
A04-442023					2.0
A04-442030					2.0
A04-443001					2.0
A04-444032					2.0
A04-444043					2.0
A04-542051					2.0
A04-542055					2.0
A04-542058					2.0
A04-543005					2.0
A04-543009					2.0
A04-543030					2.0
A04-543037					2.0
A04-543043					2.0
A04-544033					2.0
A04-545040					2.0
M00-110014					2.0
M00-110060					2.0
M99-246012					2.0
M99-246068					2.0
M99-278256					2.0
SD02-14					2.0
SD02-220					2.0
SD02-350					2.0
SD02-403					2.0
SD02-847					2.0
SD02-906					2.0
SD02-910					2.0
SD02-911					2.0
SD02-923					2.0
SD02-1043					2.0
U02-200629					2.0
U02-205137					2.0
U02-241130					2.0
U02-242017					2.0

---

**PRELIMINARY TEST I, 2005**

**PROTEIN (%)**

Strain	Mean 6 Tests	Ames IA	Charles City IA	Lafayette IN	Lamberton MN	Waseca MN	Aurora SD
Parker (I)	38.1	38.7	36.3	40.6	38.6	39.1	35.4
IA1008 (SCN)	38.8	39.8	38.5	39.4	39.6	38.2	37.1
Lambert (O)	39.3	42.1	36.7	41.1	40.7	38.8	36.5
IA2073	38.4	38.8	36.7	41.0	38.4	38.7	36.6
A04-442023	39.5	40.5	35.5	42.3	39.8	39.0	39.7
A04-442030	40.0	41.8	37.3	42.2	40.5	40.1	38.0
A04-443001	37.1	39.3	34.8	38.7	37.5	37.5	35.0
A04-444032	38.8	39.3	36.0	43.1	38.4	39.4	36.7
A04-444043	38.4	39.0	38.7	39.5	38.3	38.8	36.3
A04-542051	39.1	39.4	38.2	42.8	39.9	38.9	35.3
A04-542055	38.5	40.4	37.2	42.9	39.1	37.8	33.6
A04-542058	37.4	38.6	34.7	40.1	36.8	38.1	35.8
A04-543005	40.2	40.9	40.1	42.6	39.1	39.7	38.7
A04-543009	40.1	40.5	39.8	42.5	39.0	39.7	39.4
A04-543030	39.6	39.6	38.7	41.9	39.1	40.2	38.0
A04-543037	37.5	38.1	37.8	38.8	36.4	38.4	35.7
A04-543043	40.1	39.2	39.1	43.3	40.4	39.2	39.2
A04-544033	40.3	40.0	39.3	42.5	40.3	40.3	39.4
A04-545040	37.0	36.3	35.0	39.7	38.6	36.2	36.5
M00-110014	39.3	40.3	38.7	41.3	38.4	39.3	37.8
M00-110060	39.1	39.2	39.0	40.8	38.4	38.7	38.5
M99-246012	37.6	38.1	35.6	41.2	38.2	37.5	35.2
M99-246068	38.8	39.7	37.0	42.1	39.4	35.8	38.6
M99-278256	38.9	40.8	38.0	42.0	38.3	38.2	36.3
SD02-14	39.2	41.0	38.6	42.8	38.7	38.1	35.9
SD02-220	39.6	40.3	38.1	42.5	39.5	38.8	38.2
SD02-350	39.8	40.4	38.8	41.7	39.7	40.0	38.1
SD02-403	36.4	38.6	35.1	39.6	34.8	36.0	34.2
SD02-847	39.0	41.6	36.9	41.6	38.0	39.9	35.8
SD02-906	38.1	39.0	35.5	41.3	37.4	39.0	36.4
SD02-910	38.2	40.1	36.7	40.9	38.1	37.2	36.0
SD02-911	39.3	39.7	36.7	41.7	40.1	38.3	38.9
SD02-923	37.9	38.0	36.0	41.3	38.2	37.3	36.4
SD02-1043	40.0	40.8	39.4	41.6	39.6	39.6	38.9
U02-200629	39.1	39.6	39.1	39.2	38.0	39.1	39.4
U02-205137	39.3	40.4	38.8	41.1	37.9	38.5	38.8
U02-241130	37.9	37.7	36.4	40.6	37.8	39.0	36.2
U02-242017	38.9	39.6	36.0	43.2	39.8	38.0	36.9

**PRELIMINARY TEST I, 2005**

**OIL (%)**

Strain	Mean 6 Tests	Ames IA	Charles City IA	Lafayette IN	Lamberton MN	Waseca MN	Aurora SD
Parker (I)	21.2	21.8	21.1	21.9	20.4	20.3	22.0
IA1008 (SCN)	19.9	19.2	19.9	20.7	19.9	19.7	20.2
Lambert (O)	21.8	20.6	22.3	23.1	20.9	21.7	22.4
IA2073	20.0	19.8	19.6	20.9	20.0	19.7	20.0
A04-442023	20.8	20.1	21.6	21.9	20.4	20.7	19.8
A04-442030	20.7	20.5	21.3	20.7	20.7	19.9	21.3
A04-443001	20.2	19.8	20.4	20.9	19.9	19.8	20.3
A04-444032	20.9	21.1	21.3	21.3	20.8	19.8	21.2
A04-444043	20.4	20.1	19.7	21.4	20.3	19.6	21.1
A04-542051	21.0	21.4	20.6	21.1	20.0	20.6	22.3
A04-542055	21.2	21.1	21.0	20.3	20.8	21.2	23.0
A04-542058	21.9	22.0	22.2	22.8	21.7	20.8	21.5
A04-543005	18.5	17.8	18.6	18.8	18.8	18.2	18.7
A04-543009	18.9	18.8	18.4	19.2	19.2	18.6	19.1
A04-543030	20.1	20.4	19.7	20.5	20.2	19.6	20.4
A04-543037	21.3	21.6	20.0	22.7	21.6	20.0	21.8
A04-543043	19.6	19.9	19.5	19.0	19.6	19.7	19.9
A04-544033	19.5	19.7	20.0	19.0	19.4	19.4	19.6
A04-545040	20.5	21.5	20.5	20.0	19.6	20.6	20.6
M00-110014	19.9	19.3	19.0	21.4	19.8	19.8	20.2
M00-110060	20.0	19.8	19.8	20.0	20.4	19.9	20.0
M99-246012	20.9	21.2	21.1	21.1	20.4	20.2	21.2
M99-246068	20.8	20.7	20.8	20.6	20.4	21.5	20.5
M99-278256	20.5	20.3	19.6	21.0	20.4	20.7	21.3
SD02-14	20.1	19.3	20.0	19.7	20.5	20.3	21.0
SD02-220	20.1	20.2	20.4	20.4	19.8	19.7	20.2
SD02-350	19.7	19.5	19.9	19.8	19.7	19.1	20.1
SD02-403	21.2	20.8	21.5	20.8	21.9	20.7	21.3
SD02-847	21.5	20.2	21.9	22.4	21.8	20.3	22.4
SD02-906	21.3	20.9	21.6	21.4	21.6	20.4	21.9
SD02-910	21.6	20.7	21.6	21.8	21.9	21.6	22.2
SD02-911	20.6	20.0	21.1	20.9	20.3	20.7	20.3
SD02-923	20.4	20.6	20.4	19.8	20.4	20.6	20.7
SD02-1043	20.1	19.9	19.7	20.5	20.6	19.4	20.5
U02-200629	19.8	19.7	19.4	20.2	20.3	19.6	19.4
U02-205137	20.0	19.5	19.5	20.2	20.5	20.0	20.1
U02-241130	20.5	20.8	20.9	20.7	20.2	19.6	21.0
U02-242017	20.0	19.7	20.5	20.2	19.3	20.0	20.1

**Uniform Test II, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	IA2068 (II)	AgriPro P1953 x LN94-10470	3	F5	SCN
2.	IA1008 (SCN)	Northrup King S20	6	F5	SCN
3.	IA2065		2		2% linolenic
4.	SD00-732	E93433 x M911416	PTII	F5	
5.	SD00-1587	SD93-1040 x E93424	PTII	F5	
6.	U01-290680	NE3001 x Hol-833	PTII	F5	Det.
7.	U01-291039	A97-871009 x A97-770031	PTII	F5	Rps1 k, Good Chlorosis
8.	U01-390224	Harbin 92-1062 x NE3202	1	F5	Determinate
9.	U01-390489	IA1008 x NE3001	PTII	F5	Det. SCN
10.	U01-390504	NE3001 x A97-770012	PTII	F5	
11.	U01-390511	NE3001 x A97-770012	PTII	F5	
12.	U01-390517	NE3001 x A97-871009	PTII	F5	Det.
13.	U01-390560	NE3001 x NE1900	1	F5	Determinate
14.	U01-390794	NE1900 x Pioneer 93B82	PTII	F5	Det.

**UNIFORM TEST II, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	<u>Chlorosis</u>		<u>Shattering</u>		<u>Green Stem</u>	
		Score		Score		Score	
		Humboldt IA	Wilkin Co. MN	Manhattan KS	Pine Tree AR	Lafayette IN	Harow Ont.
IA2068 (II)	WGBIYYI	1.9	2.5	1.0	2.0	1.0	1.0
IA1008 (SCN)	WGBDYI	2.8	2.0	1.0	2.0	1.0	1.0
IA2065	PTBDYBII	2.3	2.3	1.0	3.0	2.5	1.0
SD00-732	PGBDYBfI	2.5	1.5	1.0	2.0	1.0	1.0
SD00-1587	P+WGBDYBfI	2.4	2.2	1.0	3.0	1.0	1.0
U01-290680	WGBIYYD	2.5	2.3	1.0	1.0	1.0	1.0
U01-291039	WGBDYI	1.5	1.8	1.0	2.0	1.0	1.0
U01-390224	WGBDYLbfD	2.6	2.3	2.0	3.0	1.0	1.0
U01-390489	WGBDYD	2.9	1.7	1.0	2.0	1.0	1.0
U01-390504	PGBDYI	2.3	2.0	1.0	2.0	1.0	1.0
U01-390511	WGBDYI	1.9	2.3	1.0	3.0	1.0	1.0
U01-390517	WGBIYBfD	2.3	2.5	1.0	2.0	1.0	1.0
U01-390560	WSBIYBfD	2.9	2.3	2.0	2.0	1.0	1.0
U01-390794	PGBDYI	1.9	2.3	1.0	1.0	1.0	1.0

**UNIFORM TEST II, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	<u>PR</u> Lafayette		<u>SDS</u> Pontiac	<u>PS</u> Lafayette	<u>FE</u>
	Race 4	Race 7	IL DX	a %	a
IA2068 (II)	S	S*	0	2	S
IA1008 (SCN)	R*	R	0	7	S
IA2065	R	R	0	2	S
SD00-732	S	S	5	2	S
SD00-1587	S	S	16	3	S
U01-290680	S	S	8	0	
U01-291039	R	R	1	5	S
U01-390224	R	R	7	1	S
U01-390489	R*	R	0	0	S
U01-390504	S	S	9	0	
U01-390511	S	S	6	0	S
U01-390517	S	S	17	0	
U01-390560	S	S	15	1	S
U01-390794	S	S	8	0	

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**UNIFORM TEST II, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 19 bu/a	Rank 19 No.	Maturity 18 Date	Lodging 19 Score	Plant Height 16 In.	Seed Size 20 g/100	Seed Quality 12 Score	Composition	
								Protein 9 %	Oil 9 %
IA2068 (II)	61.3	4	9/13	1.7	32	13.4	1.9	36.9	21.4
IA1008 (SCN)	58.2	9	-5.2	1.6	34	16.9	2.0	39.3	20.2
IA2065	62.5	2	-0.4	1.6	31	14.8	1.6	39.3	22.7
SD00-732	57.6	10	-2.4	1.3	28	16.2	1.8	41.4	19.8
SD00-1587	57.2	12	-3.0	1.9	35	16.5	1.9	40.0	21.2
U01-290680	55.3	14	-0.9	1.8	28	14.3	1.6	38.7	22.4
U01-291039	57.4	11	-3.6	1.7	36	16.2	1.5	38.8	21.7
U01-390224	58.8	8	-1.3	1.3	28	19.0	1.7	39.2	20.9
U01-390489	63.2	1	1.6	1.5	31	17.5	2.2	38.2	21.7
U01-390504	60.3	6	2.6	1.9	39	15.8	1.7	42.0	19.5
U01-390511	61.9	3	2.4	1.5	37	16.3	1.5	39.9	21.1
U01-390517	57.1	13	-1.9	1.5	30	18.9	1.7	38.7	21.9
U01-390560	59.1	7	-0.4	1.8	30	17.5	1.8	40.2	20.5
U01-390794	60.6	5	-1.8	2.0	34	15.8	1.4	39.7	21.4

120.9 Days After Planting

**UNIFORM TEST II, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield 38 bu/a	Rank 38 No.	Maturity 35 Date	Lodging 38 Score	Plant Height 33 In.	Seed Size 39 g/100	Seed Quality 24 Score	Composition	
								Protein 14 %	Oil 14 %
IA2068 (II)	58.1	3	9/16	1.7	31	13.8	1.8	38.6	19.7
IA1008 (SCN)	54.7	5	-3.6	1.5	33	17.8	1.8	40.0	19.3
IA2065	60.7	1	1.3	1.7	30	15.5	1.4	39.8	21.3
U01-390224	58.1	3	-1.0	1.3	29	19.8	1.5	39.3	19.8
U01-390560	58.6	2	1.0	1.9	30	18.0	1.5	40.3	20.0

130.1 Days After Planting

**UNIFORM TEST II, 2005**

**YIELD (bu/a)**

Strain	Mean 19 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Ames IA	Rippey IA	Dekalb IL	Dwight IL	Urbana IL
IA2068 (II)	61.3	31.3	35.8	71.0	62.1	74.3	45.3	47.5
IA1008 (SCN)	58.2	23.4	32.9	64.4	67.7	71.6	42.6	35.9
IA2065	62.5	29.2	43.5	83.1	68.5	75.3	41.9	41.8
SD00-732	57.6	21.2	38.7	69.5	57.2	75.7	37.1	34.5
SD00-1587	57.2	23.0	28.2	65.3	53.1	73.1	35.9	37.2
U01-290680	55.3	30.3	32.1	56.7	58.2	73.2	34.0	37.5
U01-291039	57.4	24.5	44.4	67.3	58.6	71.8	32.6	38.1
U01-390224	58.8	23.3	38.3	64.0	62.2	72.1	34.9	42.6
U01-390489	63.2	27.5	41.7	79.5	54.9	81.5	47.3	43.7
U01-390504	60.3	36.6	44.6	66.8	64.6	77.9	39.4	53.2
U01-390511	61.9	28.8	47.0	73.5	65.7	79.1	43.9	46.0
U01-390517	57.1	31.0	40.9	60.3	63.6	70.2	31.0	35.2
U01-390560	59.1	37.6	49.2	56.2	51.7	79.5	38.7	44.4
U01-390794	60.6	23.7	36.3	63.1	67.3	74.3	42.8	45.3
C.V. (%)		15.1	13.6	9.6	14.6	3.2	10.2	10.8
L.S.D. (5%)		9.1	10.4	14.0	19.3	3.3	5.5	6.3
Row Sp. (In.)		6.5	6.5	27	27	30	30	30
Rows/Plot		9	9	4	4	4	4	4
Reps		3	3	2	2	3	3	3

\*Data not included in mean.

**YIELD RANK**

Strain	Yield Rank	PineTree* irrigated AR	Rohwer* irrigated AR	Ames IA	Rippey IA	Dekalb IL	Dwight IL	Urbana IL
IA2068 (II)	4	3	11	4	8	7	2	2
IA1008 (SCN)	9	11	12	9	2	13	5	12
IA2065	2	6	5	1	1	6	6	8
SD00-732	10	14	8	5	11	5	9	14
SD00-1587	12	13	14	8	13	10	10	11
U01-290680	14	5	13	13	10	9	12	10
U01-291039	11	9	4	6	9	12	13	9
U01-390224	8	12	9	10	7	11	11	7
U01-390489	1	8	6	2	12	1	1	6
U01-390504	6	2	3	7	5	4	7	1
U01-390511	3	7	2	3	4	3	3	3
U01-390517	13	4	7	12	6	14	14	13
U01-390560	7	1	1	14	14	2	8	5
U01-390794	5	10	10	11	3	7	4	4

\*Data not included in mean.



**UNIFORM TEST II, 2005**

**YIELD (bu/a)**

Strain	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MN	Lamberton MI	Waseca MN	Portageville (Loam) MO
IA2068 (II)	63.1	58.6	50.4	78.0	54.0	62.3	46.6
IA1008 (SCN)	53.6	53.8	45.1	70.1	47.0	68.7	45.4
IA2065	60.7	49.4	46.1	65.2	57.2	81.6	50.8
SD00-732	43.3	50.9	49.8	63.6	59.7	69.9	42.0
SD00-1587	47.0	47.4	48.9	71.7	56.9	71.5	44.0
U01-290680	51.4	44.6	37.6	66.7	56.0	66.6	43.3
U01-291039	48.2	44.9	44.8	66.5	49.7	73.8	49.4
U01-390224	50.6	44.2	50.6	61.8	60.2	72.7	45.3
U01-390489	61.4	62.8	45.7	77.7	53.6	75.8	46.7
U01-390504	58.1	50.9	46.5	68.0	49.5	73.1	51.9
U01-390511	51.5	53.9	44.6	73.4	55.8	69.4	55.3
U01-390517	50.8	48.2	44.4	66.3	57.9	71.4	42.9
U01-390560	54.0	51.1	45.9	70.9	60.6	72.6	48.5
U01-390794	51.4	50.2	47.5	69.9	61.8	78.9	46.8
C.V. (%)	6.9	7.0	10.5	6.6	5.6	11.0	10.8
L.S.D. (5%)	6.2	5.9	8.6	8.1	5.1	13.1	8.5
Row Sp. (In.)	24	30	15	15	10	10	30
Rows/Plot	4	4	6	6	8	8	4
Reps	3	3	2	2	3	3	3

**YIELD RANK**

Strain	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MN	Lamberton MI	Waseca MN	Portageville (Loam) MO
IA2068 (II)	1	2	2	1	10	14	8
IA1008 (SCN)	6	4	10	6	14	12	9
IA2065	3	9	7	12	6	1	3
SD00-732	14	6	3	13	4	10	14
SD00-1587	13	11	4	4	7	8	11
U01-290680	8	13	14	9	8	13	12
U01-291039	12	12	11	10	12	4	4
U01-390224	11	14	1	14	3	6	10
U01-390489	2	1	9	2	11	3	7
U01-390504	4	6	6	8	13	5	2
U01-390511	7	3	12	3	9	11	1
U01-390517	10	10	13	11	5	9	13
U01-390560	5	5	8	5	2	7	5
U01-390794	8	8	5	7	1	2	6

**UNIFORM TEST II, 2005**

**YIELD (bu/a)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster* OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II)	62.5	68.0	79.7	57.5	38.8	58.0	73.2	52.2
IA1008 (SCN)	58.1	73.2	76.3	52.9	34.9	64.9	65.6	49.6
IA2065	68.7	70.9	79.3	56.9	54.0	56.5	70.1	63.6
SD00-732	54.0	78.5	60.6	55.4	45.6	70.2	63.8	59.8
SD00-1587	61.7	71.8	69.9	58.8	52.8	61.4	64.2	46.2
U01-290680	64.7	68.5	86.3	47.1	39.4	43.5	62.1	52.5
U01-291039	63.9	77.1	71.7	54.0	29.9	62.8	63.2	52.1
U01-390224	71.4	73.6	76.0	58.2	42.2	59.2	67.0	51.4
U01-390489	61.6	84.1	81.8	58.4	44.1	59.5	66.9	58.0
U01-390504	58.9	64.6	81.2	56.8	48.1	55.9	72.2	55.9
U01-390511	68.7	70.8	72.9	56.8	49.4	63.4	72.8	58.0
U01-390517	62.7	63.4	77.5	54.3	37.9	59.7	65.8	58.3
U01-390560	64.2	68.2	75.1	56.9	49.5	54.6	71.0	59.1
U01-390794	63.5	76.1	76.0	56.4	53.8	61.3	66.0	53.3
C.V. (%)	4.9	7.9	7.0	6.1	20.6	8.4	7.4	6.5
L.S.D. (5%)	6.7	12.3	11.5	5.6	NS	6.9	7.0	6.0
Row Sp. (In.)	30	30	30	7.5	7.5	17	18	30
Rows/Plot	4	4	4	8	8	5	5	4
Reps	2	2	2	3	3	3	3	3

**YIELD RANK**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II)	9	12	4	4	11	10	1	10
IA1008 (SCN)	13	6	7	13	13	2	10	13
IA2065	2	8	5	5	1	11	5	1
SD00-732	14	2	14	10	7	1	12	2
SD00-1587	10	7	13	1	3	5	11	14
U01-290680	4	10	1	14	10	14	14	9
U01-291039	6	3	12	12	14	4	13	11
U01-390224	1	5	8	3	9	9	6	12
U01-390489	11	1	2	2	8	8	7	5
U01-390504	12	13	3	7	6	12	3	7
U01-390511	2	9	11	8	5	3	2	5
U01-390517	8	14	6	11	12	7	9	4
U01-390560	5	11	10	6	4	13	4	3
U01-390794	7	4	8	9	2	6	8	8

**UNIFORM TEST II, 2005**

**MATURITY (date)**

Strain	Mean 18 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Ames IA	Rippey IA	Dekalb IL	Dwight IL	Urbana IL
IA2068 (II)	9/13	8/6	8/15	9/13		9/19	9/9	9/5
IA1008 (SCN)	-5.2	-7	-4	-5		-7	-5	-10
IA2065	-0.4	2	5	0		3	0	-2
SD00-732	-2.4	-5	2	-4		-1	-1	-8
SD00-1587	-3.0	3	-3	-3		-1	-2	-8
U01-290680	-0.9	-2	1	1		0	0	-6
U01-291039	-3.6	0	1	-4		-6	-4	-8
U01-390224	-1.3	-2	2	-1		-3	-1	-2
U01-390489	1.6	1	2	1		1	3	-3
U01-390504	2.6	2	4	1		3	4	2
U01-390511	2.4	0	3	4		3	3	1
U01-390517	-1.9	1	3	-2		-3	-3	-8
U01-390560	-0.4	2	4	1		1	0	-4
U01-390794	-1.8	-4	0	-1		-1	-2	-7
Date Planted	5/15	4/19	4/27	5/7		5/17	5/7	5/4
Days to Mature	121	109	110	129		125	125	124

\*Data not included in mean.

**LODGING (score)**

Strain	Mean 19 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Ames IA	Rippey	Dekalb IL	Dwight IL	Urbana IL
IA2068 (II)	1.7			2.5	2.0	2.0	1.0	1.0
IA1008 (SCN)	1.6			3.0	2.0	2.0	1.0	1.0
IA2065	1.6			2.3	1.8	3.0	2.0	1.0
SD00-732	1.3			1.8	1.3	1.0	1.0	1.0
SD00-1587	1.9			3.5	1.5	3.0	1.0	1.0
U01-290680	1.8			2.8	1.8	2.0	1.0	1.0
U01-291039	1.7			2.8	1.8	2.0	1.0	1.0
U01-390224	1.3			1.5	1.0	2.0	1.0	1.0
U01-390489	1.5			2.3	1.0	2.0	1.0	1.0
U01-390504	1.9			1.8	2.0	3.0	1.0	1.0
U01-390511	1.5			2.0	1.8	2.0	1.0	1.0
U01-390517	1.5			2.0	1.5	3.0	1.0	1.0
U01-390560	1.8			2.3	1.5	3.0	1.0	1.0
U01-390794	2.0			2.8	2.0	4.0	2.0	1.0

\*Data not included in mean.

**UNIFORM TEST II, 2005**

**MATURITY (date)**

Strain	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MN	Lamberton MI	Waseca MN	Portageville (Loam) MO
IA2068 (II)	9/5	9/13	9/11	9/14	10/3	10/4	8/14
IA1008 (SCN)	-3	-4	-5	-4	-9	-5	-3
IA2065	1	-1	0	-2	-4	0	6
SD00-732	-4	-2	-1	-2	-8	0	2
SD00-1587	-3	-2	-3	-3	-5	-2	-3
U01-290680	-3	-2	-1	1	-1	1	-3
U01-291039	-2	-2	-3	-3	-9	-3	3
U01-390224	2	-3	1	-2	-5	1	4
U01-390489	1	2	2	2	-1	2	7
U01-390504	1	3	4	3	-1	2	5
U01-390511	-2	1	2	1	1	3	6
U01-390517	5	-1	-2	-2	-5	-2	1
U01-390560	-3	-1	-1	0	-1	0	2
U01-390794	-3	-2	-2	-2	-4	0	1
Date Planted	5/7	5/16	5/18	5/5	5/27	5/31	5/4
Days to Mature	121	120	116	132	129	126	102

**LODGING (score)**

Strain	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MN	Lamberton MI	Waseca MN	Portageville (Loam) MO
IA2068 (II)	1.2	1.2	2.0	2.5	2.0	2.3	2.0
IA1008 (SCN)	1.3	1.0	1.5	2.0	1.0	2.0	1.5
IA2065	1.0	1.0	1.0	1.0	1.3	2.0	2.0
SD00-732	1.0	1.0	1.0	2.0	1.0	2.0	1.0
SD00-1587	1.0	1.0	1.5	3.0	2.0	2.3	2.5
U01-290680	1.2	1.0	1.5	2.0	2.0	2.0	1.5
U01-291039	1.2	1.0	1.5	2.0	1.7	2.0	2.5
U01-390224	1.0	1.0	1.5	1.0	1.3	2.0	1.0
U01-390489	1.0	1.0	1.0	1.0	2.0	2.0	1.0
U01-390504	1.3	1.0	3.0	2.0	2.0	2.0	1.5
U01-390511	1.0	1.0	1.5	1.5	2.0	2.0	2.0
U01-390517	1.0	1.0	1.0	1.0	1.3	2.0	1.0
U01-390560	1.0	1.0	3.0	2.0	2.0	2.3	1.0
U01-390794	1.2	1.0	2.0	2.0	1.7	2.3	3.5

**UNIFORM TEST II, 2005**

**MATURITY (date)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II)		9/22	9/10	9/8	9/10	9/16	9/14	9/21
IA1008 (SCN)		-1	-4	-1	-9	-7	-6	-6
IA2065		-1	2	-1	-1	-4	-1	-1
SD00-732		0	0	-1	-4	-1	-5	-3
SD00-1587		-1	1	-1	-1	-6	-5	-6
U01-290680		-1	2	-1	-1	0	0	-2
U01-291039		-2	0	-1	-7	-5	-5	-4
U01-390224		-2	1	-1	-3	-5	-2	-3
U01-390489		0	2	1	-1	5	4	1
U01-390504		1	3	3	0	7	4	2
U01-390511		1	3	2	-1	2	4	8
U01-390517		1	1	0	-4	-5	-1	-3
U01-390560		1	2	-1	-1	0	-1	-2
U01-390794		1	0	-1	-1	-3	-3	-2
Date Planted		6/7	5/19	5/6	5/5	5/27	5/18	5/21
Days to Mature		107	114	125	128	112	119	123

**LODGING (score)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II)		2.5	1.5	1.4	1.3	2.0	1.7	1.0
IA1008 (SCN)		2.0	2.0	1.3	1.2	2.0	1.3	1.0
IA2065		2.5	2.0	1.2	1.3	2.0	1.7	1.0
SD00-732		2.0	1.5	1.1	1.3	1.0	1.0	1.0
SD00-1587		3.0	2.0	1.6	1.4	1.7	1.7	1.0
U01-290680		3.5	2.0	1.6	1.3	2.0	2.0	2.0
U01-291039		3.0	2.0	1.3	1.3	2.0	1.0	1.0
U01-390224			1.0	1.0	1.3	2.0	1.0	1.0
U01-390489		3.0	1.5	1.2	1.3	2.0	1.3	2.0
U01-390504		3.0	2.5	1.4	1.3	2.0	1.7	2.0
U01-390511		3.0	1.5	1.3	1.3	1.3	1.0	1.0
U01-390517		3.5	1.5	1.1	1.3	2.0	1.7	1.0
U01-390560		3.0	1.5	1.5	1.3	2.7	1.7	2.0
U01-390794		3.0	2.0	1.4	1.4	2.0	2.0	1.0

**UNIFORM TEST II, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 16 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Ames IA	Rippey IA	Dekalb IL	Dwight IL	Urbana IL
IA2068 (II)	32	19	16	36	29	35		26
IA1008 (SCN)	34	16	20	40	36	36		28
IA2065	31	18	17	33	30	33		27
SD00-732	28	15	14	30	23	30		22
SD00-1587	35	18	18	37	32	41		29
U01-290680	28	18	17	27	26	28		25
U01-291039	36	19	23	43	37	41		29
U01-390224	28	16	17	29	28	30		24
U01-390489	31	17	15	30	26	28		24
U01-390504	39	21	19	41	39	43		33
U01-390511	37	19	20	41	37	38		32
U01-390517	30	20	20	30	30	33		24
U01-390560	30	18	20	28	26	30		27
U01-390794	34	17	21	34	34	37		28

\*Data not included in mean.

**SEED SIZE (g/100)**

Strain	Mean 20 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Ames IA	Rippey IA	Dekalb IL	Dwight IL	Urbana IL
IA2068 (II)	13.4			13.5	13.2	14.7	12.8	11.7
IA1008 (SCN)	16.9			18.4	18.0	18.3	15.7	14.7
IA2065	14.8			15.8	15.1	16.5	14.1	13.2
SD00-732	16.2			18.4	16.8	18.1	16.2	12.9
SD00-1587	16.5			17.0	15.9	18.2	14.6	14.0
U01-290680	14.3			15.6	15.1	16.8	13.7	12.6
U01-291039	16.2			17.3	15.8	17.8	13.8	13.6
U01-390224	19.0			19.7	19.3	20.3	17.4	18.9
U01-390489	17.5			17.8	17.6	20.2	17.5	16.3
U01-390504	15.8			16.2	16.4	18.2	13.8	15.7
U01-390511	16.3			17.4	17.3	18.2	15.0	13.7
U01-390517	18.9			19.5	20.3	20.8	16.7	16.8
U01-390560	17.5			17.8	17.5	19.9	16.6	16.4
U01-390794	15.8			16.5	15.8	17.7	15.4	14.9

\*Data not included in mean.

**UNIFORM TEST II, 2005****PLANT HEIGHT (inches)**

Strain	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MN	Lamberton MI	Waseca MN	Portageville (Loam) MO
IA2068 (II)	30	31	36	33		37	26
IA1008 (SCN)	32	33	36	40		36	21
IA2065	28	29	33	32		34	27
SD00-732	24	25	32	31		34	21
SD00-1587	29	33	37	37		41	36
U01-290680	27	27	32	29		31	18
U01-291039	34	36	39	37		39	27
U01-390224	29	26	34	22		30	21
U01-390489	32	31	34	32		37	17
U01-390504	35	36	46	38		41	33
U01-390511	33	32	43	38		41	37
U01-390517	29	28	32	29		33	20
U01-390560	30	27	34	31		34	24
U01-390794	31	32	37	33		37	32

**SEED SIZE (g/100)**

Strain	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MN	Lamberton MI	Waseca MN	Portageville (Loam) MO
IA2068 (II)	14.1	14.9	12.8	13.3	14.5	15.1	13.0
IA1008 (SCN)	17.3	17.7	14.3	17.6	17.7	18.3	20.0
IA2065	15.3	14.6	12.9	13.4	14.7	16.9	19.1
SD00-732	15.4	16.8	11.0	15.8	17.2	19.5	17.5
SD00-1587	15.9	16.9	14.3	16.6	17.2	18.7	17.8
U01-290680	13.7	14.2	12.2	13.9	16.7	16.5	13.4
U01-291039	17.3	16.2	15.0	15.3	17.3	18.0	17.0
U01-390224	20.4	17.4	17.5	17.4	20.4	21.5	19.0
U01-390489	17.3	19.1	15.0	18.7	18.4	19.0	18.2
U01-390504	16.5	16.6	13.9	15.4	17.6	17.5	15.0
U01-390511	16.8	17.1	15.0	16.1	18.4	17.6	17.8
U01-390517	19.3	17.7	16.0	20.7	20.5	20.8	20.0
U01-390560	16.8	18.0	15.2	18.0	19.6	20.6	18.0
U01-390794	16.0	15.4	14.2	15.0	17.4	17.8	16.9

**UNIFORM TEST II, 2005****PLANT HEIGHT (inches)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II)			32	32	23	44	34	33
IA1008 (SCN)			30	35	23	45	30	38
IA2065			27	29	25	43	30	34
SD00-732			25	26	21	44	28	30
SD00-1587			37	32	29	45	31	32
U01-290680			28	27	20	43	32	33
U01-291039			35	37	25	49	33	41
U01-390224			25	23	21	45	28	34
U01-390489			29	28	25	48	32	37
U01-390504			38	39	27	48	38	42
U01-390511			34	37	26	48	35	40
U01-390517			28	27	21	48	31	43
U01-390560			28	30	21	41	30	35
U01-390794			30	33	28	44	32	40

**SEED SIZE (g/100)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II)	13.1	15.4	13.2	11.8	11.3	13.0	13.3	13.8
IA1008 (SCN)	14.5	18.2	16.8	15.3	15.3	15.9	16.9	17.4
IA2065	13.5	16.7	15.8	13.1	12.8	13.7	14.2	15.4
SD00-732	16.8	19.8	17.4	13.9	13.3	16.1	15.3	15.7
SD00-1587	17.5	19.4	17.1	15.0	14.6	15.9	16.1	16.5
U01-290680	13.2	17.0	14.1	11.7	12.0	15.1	13.9	15.6
U01-291039	14.6	19.0	16.4	15.3	13.7	16.5	16.5	17.1
U01-390224	19.4	22.2	20.4	16.9	15.8	19.4	18.9	18.6
U01-390489	15.4	21.0	18.2	15.2	13.6	17.9	16.2	18.2
U01-390504	14.6	17.3	15.3	13.8	13.3	15.1	15.6	17.7
U01-390511	16.5	17.9	16.6	13.5	13.3	14.9	15.7	17.3
U01-390517	17.1	21.9	19.0	17.5	16.6	18.9	17.8	19.2
U01-390560	16.7	21.3	17.8	14.9	14.2	17.4	17.0	16.9
U01-390794	14.2	18.6	16.5	13.5	14.0	15.6	15.6	15.7



**UNIFORM TEST II, 2005****SEED QUALITY (score)**

---

Strain	Mean 12 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Ames IA	Rippey IA	Dekalb IL	Dwight IL	Urbana IL
IA2068 (II)	1.9					3.0	2.0	2.0
IA1008 (SCN)	2.0					3.0	2.0	2.0
IA2065	1.6					2.0	1.0	1.0
SD00-732	1.8					1.0	2.0	3.0
SD00-1587	1.9					2.0	2.0	2.0
U01-290680	1.6					2.0	1.0	1.0
U01-291039	1.5					1.0	2.0	1.0
U01-390224	1.7					1.0	2.0	2.0
U01-390489	2.2					2.0	2.0	3.0
U01-390504	1.7					1.0	2.0	2.0
U01-390511	1.5					1.0	2.0	1.0
U01-390517	1.7					2.0	1.0	2.0
U01-390560	1.8					2.0	2.0	2.0
U01-390794	1.4					1.0	1.0	1.0

---

\*Data not included in mean.

**UNIFORM TEST II, 2005****SEED QUALITY (score)**

---

Strain	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MN	Lamberton MI	Waseca MN	Portageville (Loam) MO
IA2068 (II)	1.5	1.5			2.0	2.0	3.0
IA1008 (SCN)	2.0	1.5			2.0	2.0	3.0
IA2065	1.5	1.5			1.0	1.5	3.5
SD00-732	1.5	1.5			1.0	1.0	3.5
SD00-1587	2.5	1.5			1.5	1.0	3.5
U01-290680	1.5	1.5			1.0	1.5	3.0
U01-291039	1.5	1.5			1.0	1.0	3.0
U01-390224	3.0	1.5			1.0	1.0	3.0
U01-390489	4.0	3.0			1.0	1.0	3.0
U01-390504	1.5	1.5			1.5	1.5	2.5
U01-390511	1.5	1.5			1.0	1.5	2.5
U01-390517	1.5	1.5			1.0	1.0	3.5
U01-390560	1.5	2.0			1.5	1.0	2.5
U01-390794	1.5	1.5			1.0	1.5	3.0

---

**UNIFORM TEST II, 2005****SEED QUALITY (score)**

---

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville OH	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II)				1.4	1.3		1.3	2.0
IA1008 (SCN)				1.6	1.5		1.5	2.0
IA2065				1.5	1.3		1.0	2.0
SD00-732				1.9	1.3		1.5	2.0
SD00-1587				1.6	1.6		1.7	2.0
U01-290680				2.0	1.5		1.5	2.0
U01-291039				1.8	1.4		1.3	2.0
U01-390224				1.6	1.3		1.5	2.0
U01-390489				1.5	1.4		2.0	2.0
U01-390504				1.5	2.1		1.0	2.0
U01-390511				1.5	1.3		1.0	2.0
U01-390517				1.8	1.4		1.5	2.0
U01-390560				2.1	1.3		1.5	2.0
U01-390794				1.5	1.3		1.0	2.0

---

**UNIFORM TEST II, 2005****PROTEIN (%)**

Strain	Mean 9 Tests	Ames IA	Dekalb IL	Dwight IL	Urbana IL	Lafayette IN	Wanatah IN	Waseca MN	Harrow Ont.	Aurora SD
IA2068 (II)	36.9	37.5	36.3	36.6	36.3	39.7	37.0	36.9	38.0	33.6
IA1008 (SCN)	39.3	39.9	39.1	39.5	39.4	41.3	39.3	38.4	39.4	36.9
IA2065	39.3	39.9	41.8	38.9	38.5	41.9	39.6	39.0	38.4	35.6
SD00-732	41.4	41.8	42.8	42.4	41.3	42.6	41.4	41.3	41.5	37.4
SD00-1587	40.0	39.8	40.2	41.0	40.1	43.0	38.5	39.8	40.4	37.0
U01-290680	38.7	38.6	38.8	39.0	39.7	40.8	38.1	38.4	38.3	36.8
U01-291039	38.8	39.9	38.4	39.5	39.9	41.6	37.9	37.4	39.8	34.5
U01-390224	39.2	40.3	39.7	40.6	39.4	41.7	38.4	37.7	39.6	35.3
U01-390489	38.2	37.2	39.6	38.3	38.6	40.7	38.5	39.6	37.5	33.9
U01-390504	42.0	42.8	41.9	43.0	41.6	44.9	41.9	41.0	41.4	39.7
U01-390511	39.9	40.3	40.2	41.2	39.9	42.7	40.4	39.0	39.5	35.9
U01-390517	38.7	39.4	38.9	36.9	39.8	41.7	39.3	37.4	38.3	36.4
U01-390560	40.2	41.3	40.0	40.9	40.7	43.2	40.4	39.5	39.3	37.0
U01-390794	39.7	39.3	40.9	40.6	39.3	41.9	39.3	39.4	39.3	37.2

**UNIFORM TEST II, 2005****OIL (%)**

Strain	Mean 9 Tests	Ames IA	Dekalb IL	Dwight IL	Urbana IL	Lafayette IN	Wanatah IN	Waseca MN	Harrow Ont.	Aurora SD
IA2068 (II)	21.4	20.4	20.9	21.9	22.7	20.8	21.3	20.4	22.9	21.4
IA1008 (SCN)	20.2	19.2	20.0	20.2	20.5	19.9	19.7	19.6	22.1	20.5
IA2065	22.7	22.1	20.2	23.2	24.0	21.9	23.5	21.6	24.9	23.0
SD00-732	19.8	19.3	18.8	19.4	20.7	19.5	19.5	19.2	21.5	20.7
SD00-1587	21.2	20.3	21.1	20.4	21.7	20.9	22.6	19.5	22.7	21.7
U01-290680	22.4	21.9	21.7	22.8	22.6	22.3	23.2	21.3	24.0	21.7
U01-291039	21.7	20.7	21.5	21.8	22.1	21.8	22.0	20.9	22.9	21.9
U01-390224	20.9	19.6	20.1	20.6	21.6	20.9	21.7	20.0	22.3	21.0
U01-390489	21.7	21.9	20.4	21.6	22.5	21.0	21.5	21.3	23.5	22.0
U01-390504	19.5	18.8	18.7	18.6	20.6	19.1	19.1	19.2	21.2	19.8
U01-390511	21.1	20.5	20.4	20.6	22.2	20.3	21.3	20.5	22.9	21.1
U01-390517	21.9	21.6	21.5	22.6	22.0	21.7	21.4	20.9	23.7	21.7
U01-390560	20.5	19.7	20.1	20.0	20.8	20.0	20.3	20.2	22.9	20.4
U01-390794	21.4	21.1	20.6	21.3	22.1	21.4	21.8	20.2	23.1	20.8

**Preliminary Test II, 2005**

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA2068 (II)	AgriPro P1953 x LN94-10470	F5	SCN
2.	IA1008 (SCN)	Northrup King S20	F5	SCN
3.	IA2065			2% linolenic
4.	IA2073	Pioneer 92B25 x A97-553017		1% linolenic
5.	A04-442033	Syngenta 519-T9 x A97-553017	F4	1% linolenic
6.	A04-444023	A00-711036 x Dairyland 98820	F4	
7.	A04-542015	Dairyland 94091 x A97-553017	F4	1% linolenic
8.	A04-542021	Thompson T-3196CN x A97-553017	F4	1% linolenic, SCN
9.	A04-543012	Land O'Lakes 97-37364 x Syngenta S20-F8	F4	
10.	A04-543042	Syngenta S38-T8 x Dairyland 57806	F5	
11.	A04-543045	Pioneer 93B66 x Dairyland 57806	F5	
12.	A04-544031	Pioneer XB29D01 x A00-711025	F4	
13.	A04-545014	Dairyland 98822 x A00-711025	F4	
14.	A04-545015	Dairyland 98822 x A00-711025	F5	
15.	A04-545020	AgriPro X0121B74 x A00-711036	F4	
16.	A04-545030	Pioneer 93B66 x Syngenta S20-F8	F4	
17.	A04-642023	Thompson T-3196CN x A97-553017	F4	1% linolenic, SCN
18.	A04-643042	IA2061 x Pioneer 93B86	F5	
19.	HF02-0005	OXR-96243 x Ohio FG1	F5	
20.	HF03-534	A95-581028 x PI 592.926	F5	
21.	HF03-546	A95-581028 x PI 592.926	F5	
22.	HS1-6538	U97-3114 x HS97-5261	F3	
23.	LD02-5025	IA3014 x Dwight	F5	SCN
24.	LG03-1672	LG97-5474 x IA3010	F5	
25.	SD02-22	A2242 X IA2022	F4	Rps1-k
26.	SD02-26	A2242 X IA2022	F4	Rps1-k
27.	SD02-96	A96-691030 X A96-591076	F4	Rps1-k
28.	SD02-190	E94172 X SD94-808	F4	Rps1-k
29.	SD02-195	E94172 X SD94-808	F4	Rps1-k
30.	SD02-197	E94172 x SD94-808	F4	Rps1-k
31.	SD02-514	Pion9172 X Surge	F4	Rps1a
32.	SD02-607	SD94-280 x A2242	F4	Rps1-k
33.	SD02-616	SD94-280 X Asgrow 2242	F4	Rps1-k
34.	SD02-1194	SD94-808 x surge	F4	Rps1-k
35.	U02-200106	Harbin92-1062 x NE3001	F4	Det.
36.	U02-204506	MSBP7S4	F4	
37.	U02-205111	MSBP7S4	F4	
38.	U02-210423	UP3YC1S3	F4	
39.	U02-242055	NE1900 x PION93B82	F4	

**PRELIMINARY TEST II, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	Chlorosis		Green Stem		Shattering	PR		PS	FE
		Score	Score	Score	Score	Lafayette	Lafayette			
		Humboldt IA	Lafayette IN	Harrow ONT	Manhattan KS	Race 4	Race 7	a %	a	
IA2068 (II)	WGBIYYI	1.9	1.0	1.0	1.0	S	S*	4	S	
IA1008 (SCN)	WGBDYI	2.8	1.0	1.0	1.0	R*	R	7	S	
IA2065	PTBDYBII	2.3	2.5	1.0	1.0	R	R	2	S	
IA2073	WSBIYBII	2.3	1.0	1.0	1.0	S	R	3		
A04-442033	PGBDYGrI	2.5	1.0	1.0	1.0	R	R	1	S	
A04-444023	PGBDYI	2.1	2.0	1.0	1.0	S	S	0	S	
A04-542015	PGBDYIbI	1.9	1.0	1.0	1.0	S	S	1		
A04-542021	PTTDYBII	2.3	1.0	1.0	2.0	R	R	0		
A04-543012	PSBDYI	1.8	3.0	1.0	1.0	S	R	0	S	
A04-543042	PGBDYI	1.9	1.0	1.0	1.0	S	R	2	S	
A04-543045	PTBDYI	2.4	1.0	1.0	1.0	S	R	0	S	
A04-544031	PGTDYI	2.3	1.0	1.0	1.0	S	S	0	S	
A04-545014	WSBIYBfI	3.0	1.0	1.0	2.0	S	R	0	S	
A04-545015	PTTIYYI	2.8	1.0	1.0	2.0	S	R	0	S	
A04-545020	PTTDYI	2.6	1.0	1.0	1.0	S	S	0	S	
A04-545030	PTBDYI	2.9	1.0	1.0	1.0	S	R	0	S	
A04-642023	PTTDYBII	2.1	1.0	1.0	2.0	R	R	0	S	
A04-643042	WGBDYI	1.8	1.0	1.0	1.0	R	R	2	S	
HF02-0005	P+WGTDYI	2.3	1.0	1.0	1.0	R	H	1		
HF03-534	P+WGTDYIb+BfI	2.9	1.0	1.0	1.0	S	S	0		
HF03-546	WTTDYLbII	2.5	1.0	1.0	1.0	S	H	0	S	
HS1-6538	PGBDYIb+GrI	2.8	1.0	1.0	1.0	R	R	0	S	
LD02-5025	WTTDYBII	2.0	1.0	1.0	1.0	S	R	0	S	
LG03-1672	PSTDYI	2.9	1.0	1.0	1.0	S	R	0	S	
SD02-22	WLtTDYBII	2.8	1.0	1.0	1.0	R	R	0	S	
SD02-26	PGBDYBII	2.9	1.0	1.0	1.0	R	R	0	S	
SD02-96	PTBDYBII	2.4	1.0	1.0	1.0	S*	S*	0	S	
SD02-190	WGBDYBfI	2.0	1.0	1.0	1.0	R	R	0		
SD02-195	WGBDYLbI	2.1	1.0	1.0	1.0	R	R	6		
SD02-197	WGBDYLbI	1.8	2.0	1.0	2.0	S*	R	6	S	
SD02-514	PGBDYIbI	2.5	1.0	1.0	1.0	S	S	1	S	
SD02-607	WTTDYGrI	2.4	1.0	1.0	1.0	R	R	1	S	
SD02-616	WTTDYBI+GrI	2.3	1.0	1.0	1.0	R	R	0		
SD02-1194	PGBDYLbI	2.4	1.0	1.0	1.0	R	R	0		
U02-200106	WGBIYBfD	2.8	1.0	1.0	1.0	R	R	2		
U02-204506	PTTDYBII	3.4	1.0	1.0	1.0	S	S	0	S	
U02-205111	PTTDYBII	2.9	1.0	1.0	1.0	S	S	0	S	
U02-210423	PLiBIYBII	2.4	1.0	1.0	1.0	S	S	6	S	
U02-242055	WLtBDYGrI	2.1	1.0	1.0	1.0	R	R	3		

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**PRELIMINARY TEST II, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 11 bu/a	Rank 11 No.	Maturity 9 Date	Lodging 10 Score	Plant Height 9 In.	Seed Size 11 g/100	Seed Quality 5 Score	Composition	
								Protein 5 %	Oil 5 %
IA2068 (II)	59.9	8	9/12	1.6	32	12.9	1.7	37.3	21.6
IA1008 (SCN)	57.2	25	-4.5	1.5	34	16.7	1.7	39.5	20.7
IA2065	61.0	7	-0.1	1.6	30	14.6	1.6	38.8	23.1
IA2073	57.6	22	-2.3	1.4	29	12.7	1.5	39.1	20.9
A04-442033	55.8	30	-1.0	1.4	32	16.0	1.4	37.4	21.3
A04-444023	56.8	26	-1.2	2.0	34	14.4	1.6	39.4	20.8
A04-542015	58.5	17	-0.9	1.4	33	15.0	2.1	39.4	20.4
A04-542021	54.7	33	3.7	1.8	34	14.0	2.0	39.6	20.8
A04-543012	63.3	1	0.5	1.8	37	14.9	1.8	38.7	21.8
A04-543042	55.5	31	1.8	1.4	32	12.2	1.6	37.7	21.8
A04-543045	58.4	18	1.0	2.2	33	13.3	1.8	38.2	21.6
A04-544031	59.8	9	-1.2	1.6	32	14.5	1.7	40.5	21.5
A04-545014	58.9	13	3.1	1.8	35	14.5	1.7	39.4	21.0
A04-545015	58.8	15	0.5	1.6	33	13.3	1.5	40.0	20.9
A04-545020	62.9	2	-0.2	1.8	33	15.2	1.6	40.2	21.1
A04-545030	56.0	29	5.4	2.0	33	14.0	1.9	39.3	20.9
A04-642023	57.6	22	3.9	2.2	36	14.7	2.3	39.8	20.3
A04-643042	62.2	3	0.9	1.7	37	16.6	1.8	39.1	22.1
HF02-0005	54.1	36	4.4	1.3	33	17.0	2.5	39.7	20.7
HF03-534	61.7	4	1.6	1.8	33	13.3	1.4	39.2	21.8
HF03-546	59.7	10	2.4	1.8	34	13.4	1.6	39.4	21.7
HS1-6538	58.2	19	4.1	1.8	37	16.1	1.7	40.2	20.6
LD02-5025	61.1	6	2.8	1.6	33	13.1	1.6	38.4	20.4
LG03-1672	57.7	21	6.8	2.0	39	15.2	2.0	38.3	20.4
SD02-22	58.9	13	-2.4	1.6	32	13.3	1.6	39.4	20.1
SD02-26	59.4	11	-0.4	1.6	35	14.6	1.4	39.9	20.6
SD02-96	57.9	20	-3.4	1.4	30	15.2	1.7	40.2	21.2
SD02-190	51.2	39	-3.3	2.3	37	15.0	2.0	38.2	21.5
SD02-195	57.3	24	-3.4	1.6	33	16.5	1.8	39.2	21.9
SD02-197	51.6	38	-4.0	2.2	37	17.2	2.3	39.4	21.1
SD02-514	54.9	32	-1.4	2.0	36	16.7	1.8	40.6	21.0
SD02-607	54.7	33	-1.6	1.4	35	14.9	1.9	40.8	20.0
SD02-616	56.1	28	0.1	2.2	40	13.9	1.4	36.3	18.4
SD02-1194	54.2	35	-5.2	1.8	32	17.7	1.6	41.4	21.5
U02-200106	53.8	37	-1.8	1.6	27	17.3	1.4	39.4	20.6
U02-204506	56.4	27	-2.9	2.1	34	16.5	1.6	40.1	20.8
U02-205111	58.7	16	-3.7	2.0	34	16.6	1.4	40.9	20.6
U02-210423	59.4	11	2.5	1.6	37	14.3	1.6	39.9	20.1
U02-242055	61.7	4	0.7	1.4	34	16.1	1.6	40.4	21.4

**PRELIMINARY TEST II, 2005**

**YIELD (bu/a)**

Strain	Mean 11 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II)	59.9	71.0	62.1	48.0	59.4	38.7	57.2
IA1008 (SCN)	57.2	64.4	67.7	41.1	47.5	38.4	49.0
IA2065	61.0	83.1	68.5	45.1	50.2	39.2	55.5
IA2073	57.6	71.7	63.9	43.3	45.2	35.0	57.7
A04-442033	55.8	67.0	54.2	43.2	48.5	33.5	51.1
A04-444023	56.8	59.6	73.8	44.2	46.0	32.9	52.4
A04-542015	58.5	66.6	62.7	51.2	52.0	33.0	51.9
A04-542021	54.7	62.7	56.4	44.1	55.0	35.3	44.0
A04-543012	63.3	76.7	53.2	55.9	61.3	42.4	58.9
A04-543042	55.5	62.4	53.5	44.8	43.8	42.9	49.8
A04-543045	58.4	63.7	56.2	50.5	45.4	43.9	56.6
A04-544031	59.8	74.9	70.8	36.2	47.1	37.2	57.0
A04-545014	58.9	70.4	67.1	46.6	51.0	31.4	54.6
A04-545015	58.8	74.4	63.6	50.3	54.7	36.2	57.3
A04-545020	62.9	82.6	63.3	46.0	52.3	42.7	59.9
A04-545030	56.0	65.4	56.5	36.9	46.0	41.0	55.9
A04-642023	57.6	73.1	56.5	52.9	45.0	42.6	54.6
A04-643042	62.2	75.4	63.2	58.3	55.2	46.0	55.0
HF02-0005	54.1	62.3	52.3	38.1	41.0	25.6	55.6
HF03-534	61.7	76.3	59.6	46.5	57.3	48.6	56.6
HF03-546	59.7	73.1	56.1	46.7	53.0	38.8	55.7
HS1-6538	58.2	66.3	54.5	44.8	47.2	32.3	59.6
LD02-5025	61.1	74.4	59.3	54.4	51.3	37.5	58.0
LG03-1672	57.7	65.4	67.1	46.4	39.2	39.9	53.3
SD02-22	58.9	71.8	64.9	47.4	45.8	44.0	50.5
SD02-26	59.4	70.5	65.4	51.1	49.6	38.3	57.3
SD02-96	57.9	63.6	49.5	41.7	44.4	40.8	57.9
SD02-190	51.2	58.4	61.1	36.2	39.5	31.1	49.2
SD02-195	57.3	67.7	63.9	41.5	41.8	43.0	54.4
SD02-197	51.6	64.0	59.4	33.5	37.1	27.2	52.9
SD02-514	54.9	59.8	49.8	30.7	47.2	37.1	50.6
SD02-607	54.7	64.7	51.1	36.2	34.4	39.3	57.1
SD02-616	56.1	58.7	57.4	34.9	47.0	39.0	56.5
SD02-1194	54.2	60.9	67.2	40.0	41.0	36.8	46.5
U02-200106	53.8	55.9	53.2	36.3	35.3	41.6	57.2
U02-204506	56.4	60.7	58.4	38.1	43.3	42.9	58.4
U02-205111	58.7	72.2	55.3	40.3	43.3	40.5	61.5
U02-210423	59.4	69.4	54.8	45.6	49.3	40.4	57.5
U02-242055	61.7	63.1	72.5	53.4	46.6	43.8	60.2
C.V. (%)		7.3	13.5	9.4	12.1	13.1	5.7
L.S.D. (5%)		10.0	16.4	7.0	11.7	8.5	6.4
Row Sp. (In.)		27	27	30	24	15	30
Rows/Plot		4	4	4	4	6	4
Reps		2	2	2	2	2	2



**PRELIMINARY TEST II, 2005**

**YIELD (bu/a)**

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II)	65.0	69.9	57.1	73.6	57.1
IA1008 (SCN)	70.0	65.6	60.0	67.1	58.5
IA2065	70.6	72.2	58.1	67.4	60.8
IA2073	70.7	68.2	51.7	70.2	56.0
A04-442033	71.2	62.4	51.5	70.3	60.6
A04-444023	64.1	75.3	48.1	73.2	55.7
A04-542015	71.8	72.6	50.0	74.9	56.4
A04-542021	70.4	63.9	49.2	70.8	49.9
A04-543012	75.8	77.6	56.4	78.1	60.3
A04-543042	71.5	67.9	51.4	66.4	55.9
A04-543045	76.8	63.7	53.5	77.8	54.4
A04-544031	69.4	77.0	53.2	72.7	62.4
A04-545014	74.9	72.4	49.3	70.6	60.1
A04-545015	70.3	71.9	45.7	60.2	62.4
A04-545020	80.4	76.6	51.6	72.4	64.2
A04-545030	69.5	59.6	57.3	71.5	57.0
A04-642023	67.1	62.3	48.3	71.9	59.0
A04-643042	71.9	66.9	55.0	78.6	58.4
HF02-0005	74.2	66.0	52.9	70.9	55.8
HF03-534	71.1	72.0	55.6	74.8	60.0
HF03-546	71.3	71.4	53.8	79.0	58.0
HS1-6538	74.7	73.2	55.7	74.8	56.8
LD02-5025	73.4	74.3	53.0	76.5	60.5
LG03-1672	69.1	69.9	49.6	79.8	55.4
SD02-22	68.4	67.8	53.6	74.2	59.3
SD02-26	70.6	71.7	52.3	71.2	55.2
SD02-96	81.4	69.6	59.8	67.0	61.4
SD02-190	58.4	71.7	44.0	60.4	53.5
SD02-195	75.7	69.6	53.0	60.8	58.7
SD02-197	69.9	71.5	35.6	63.6	52.8
SD02-514	72.7	71.3	54.6	73.5	57.0
SD02-607	73.2	62.4	54.2	75.7	53.3
SD02-616	80.8	64.4	50.3	71.6	56.1
SD02-1194	68.4	67.3	45.3	68.2	54.7
U02-200106	64.4	70.3	56.4	66.5	54.3
U02-204506	75.6	73.9	51.2	62.0	55.5
U02-205111	79.5	77.7	48.4	65.8	60.8
U02-210423	67.1	79.6	53.6	75.3	60.7
U02-242055	68.1	82.7	52.0	70.3	65.6
C.V. (%)	8.7	7.1	5.5	5.1	5.5
L.S.D. (5%)	12.6	10.1	5.8	6.1	6.4
Row Sp. (In.)	30	30	7.5	18	30
Rows/Plot	4	4	8	5	4
Reps	2	2	2	2	3

**PRELIMINARY TEST II, 2005**

**YIELD RANK**

Strain	Yield Rank	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II)	8	14	17	10	2	22	13
IA1008 (SCN)	25	25	5	27	16	23	37
IA2065	7	1	4	18	12	19	23
IA2073	22	13	11	23	26	31	9
A04-442033	30	19	32	24	15	32	32
A04-444023	26	36	1	21	22	34	30
A04-542015	17	20	16	6	9	33	31
A04-542021	33	30	26	22	5	30	39
A04-543012	1	3	34	2	1	11	5
A04-543042	31	31	33	19	29	7	35
A04-543045	18	27	27	8	25	4	17
A04-544031	9	6	3	35	19	26	16
A04-545014	13	16	7	13	11	36	25
A04-545015	15	7	13	9	6	29	11
A04-545020	2	2	14	16	8	9	3
A04-545030	29	22	24	32	22	13	20
A04-642023	22	10	24	5	27	10	25
A04-643042	3	5	15	1	4	2	24
HF02-0005	36	32	36	31	33	39	22
HF03-534	4	4	19	14	3	1	17
HF03-546	10	9	28	12	7	21	21
HS1-6538	19	21	31	20	17	35	4
LD02-5025	6	7	21	3	10	25	7
LG03-1672	21	22	7	15	36	17	28
SD02-22	13	12	10	11	24	3	34
SD02-26	11	15	9	7	13	24	11
SD02-96	20	28	39	25	28	14	8
SD02-190	39	38	18	36	35	37	36
SD02-195	24	18	11	26	32	6	27
SD02-197	38	26	20	38	37	38	29
SD02-514	32	35	38	39	17	27	33
SD02-607	33	24	37	34	39	18	15
SD02-616	28	37	23	37	20	20	19
SD02-1194	35	33	6	29	33	28	38
U02-200106	37	39	34	33	38	12	13
U02-204506	27	34	22	30	30	8	6
U02-205111	16	11	29	28	30	15	1
U02-210423	11	17	30	17	14	16	10
U02-242055	4	29	2	4	21	5	2

**PRELIMINARY TEST II, 2005**

**YIELD RANK**

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II)	36	22	5	13	20
IA1008 (SCN)	26	32	1	30	17
IA2065	22	13	3	29	6
IA2073	21	26	23	27	26
A04-442033	19	36	25	25	9
A04-444023	38	7	35	15	29
A04-542015	16	11	29	9	24
A04-542021	24	34	32	23	39
A04-543012	6	4	6	4	11
A04-543042	17	27	26	33	27
A04-543045	5	35	16	5	34
A04-544031	29	5	17	16	3
A04-545014	9	12	31	24	12
A04-545015	25	15	36	39	3
A04-545020	3	6	24	17	2
A04-545030	28	39	4	20	21
A04-642023	34	38	34	18	15
A04-643042	15	30	10	3	18
HF02-0005	11	31	20	22	28
HF03-534	20	14	9	11	13
HF03-546	18	19	13	2	19
HS1-6538	10	10	8	10	23
LD02-5025	12	8	19	6	10
LG03-1672	30	22	30	1	31
SD02-22	31	28	14	12	14
SD02-26	22	16	21	21	32
SD02-96	1	24	2	31	3
SD02-190	39	16	38	38	36
SD02-195	7	24	18	37	16
SD02-197	27	18	39	35	38
SD02-514	14	20	11	14	21
SD02-607	13	36	12	7	37
SD02-616	2	33	28	19	25
SD02-1194	31	29	37	28	33
U02-200106	37	21	7	32	35
U02-204506	8	9	27	36	30
U02-205111	4	3	33	34	6
U02-210423	34	2	15	8	8
U02-242055	33	1	22	26	1

**PRELIMINARY TEST II, 2005**

**MATURITY (date)**

Strain	Mean 9 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II)	9/12	9/13		9/1	9/6	9/9	
IA1008 (SCN)	-4.5	-5		-8	-7	-2	
IA2065	-0.1	0		1	-1	0	
IA2073	-2.3	0		-4	-2	-4	
A04-442033	-1.0	0		0	-3	1	
A04-444023	-1.2	-2		0	-1	-2	
A04-542015	-0.9	0		0	1	-4	
A04-542021	3.7	6		7	6	0	
A04-543012	0.5	3		2	4	1	
A04-543042	1.8	3		2	1	2	
A04-543045	1.0	2		3	-1	0	
A04-544031	-1.2	-1		-4	0	-1	
A04-545014	3.1	6		5	1	-1	
A04-545015	0.5	2		0	0	-1	
A04-545020	-0.2	0		2	-1	-1	
A04-545030	5.4	8		8	5	3	
A04-642023	3.9	7		6	2	3	
A04-643042	0.9	1		6	-1	-1	
HF02-0005	4.4	7		6	1	1	
HF03-534	1.6	2		2	1	3	
HF03-546	2.4	4		3	6	2	
HS1-6538	4.1	7		5	3	1	
LD02-5025	2.8	3		6	0	0	
LG03-1672	6.8	8		8	6	6	
SD02-22	-2.4	-3		1	-2	-3	
SD02-26	-0.4	-1		4	-2	-1	
SD02-96	-3.4	-5		-2	-2	-1	
SD02-190	-3.3	-2		-4	-5	-5	
SD02-195	-3.4	-4		-6	-3	-3	
SD02-197	-4.0	-3		-8	-1	-5	
SD02-514	-1.4	-1		-6	-2	-1	
SD02-607	-1.6	-1		-2	-1	-1	
SD02-616	0.1	0		0	-3	0	
SD02-1194	-5.2	-7		-7	-8	-3	
U02-200106	-1.8	-2		0	-1	-1	
U02-204506	-2.9	-2		-4	1	-2	
U02-205111	-3.7	-3		-7	1	-2	
U02-210423	2.5	4		6	4	1	
U02-242055	0.7	-1		4	4	1	
Date Planted	5/15	5/7		5/4	5/7	5/18	
Days to Mature	120	129		120	122	114	

**PRELIMINARY TEST II, 2005**

**MATURITY (date)**

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II)	9/22	9/12	9/11	9/14	9/22
IA1008 (SCN)	-1	-4	-4	-5	-6
IA2065	3	0	-3	-2	1
IA2073	1	1	-3	-4	-5
A04-442033	-5	2	0	0	-4
A04-444023	2	-2	-4	-1	-2
A04-542015	2	1	-4	0	-4
A04-542021	6	3	3	7	-3
A04-543012	0	1	-3	-3	-1
A04-543042	4	1	1	2	1
A04-543045	4	1	1	3	-3
A04-544031	2	1	-3	-1	-4
A04-545014	1	2	5	7	2
A04-545015	1	3	-1	2	-1
A04-545020	0	1	-1	1	-2
A04-545030	2	5	9	9	1
A04-642023	4	2	2	4	6
A04-643042	3	2	-1	1	-1
HF02-0005	1	4	3	7	11
HF03-534	4	1	-3	1	3
HF03-546	-1	3	1	5	-2
HS1-6538	3	3	6	8	1
LD02-5025	3	3	2	6	2
LG03-1672	4	5	8	8	9
SD02-22	-4	-2	-3	-2	-5
SD02-26	1	0	-3	-1	-1
SD02-96	-4	-3	-4	-6	-5
SD02-190	2	-3	-4	-5	-4
SD02-195	2	-2	-4	-6	-5
SD02-197	2	-4	-4	-7	-6
SD02-514	3	-1	-2	1	-4
SD02-607	0	-1	-3	-1	-4
SD02-616	1	3	-1	2	-1
SD02-1194	1	-5	-4	-6	-8
U02-200106	-1	-2	-3	-3	-4
U02-204506	-2	-4	-3	-5	-6
U02-205111	-4	-4	-4	-5	-6
U02-210423	-1	2	2	3	2
U02-242055	-1	1	-2	0	-1
Date Planted	6/7	5/19	5/6	5/18	5/21
Days to Mature	107	116	128	119	124

**PRELIMINARY TEST II, 2005**

**LODGING (score)**

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II)	1.6	2.5	2.0	1.0	1.0	1.0	
IA1008 (SCN)	1.5	3.0	2.0	1.0	1.0	1.0	
IA2065	1.6	2.3	1.8	2.0	1.0	1.0	
IA2073	1.4	2.3	1.5	1.0	1.0	1.0	
A04-442033	1.4	2.0	1.8	1.0	1.0	1.5	
A04-444023	2.0	1.8	2.0	2.0	1.0	2.0	
A04-542015	1.4	1.8	1.8	1.0	1.0	1.0	
A04-542021	1.8	3.0	1.0	2.0	1.3	1.0	
A04-543012	1.8	2.5	1.8	1.0	1.3	2.0	
A04-543042	1.4	1.8	1.3	1.0	1.0	1.0	
A04-543045	2.2	3.8	1.8	2.0	1.5	2.0	
A04-544031	1.6	2.5	1.5	1.0	1.0	1.0	
A04-545014	1.8	3.0	2.0	2.0	1.0	1.0	
A04-545015	1.6	2.5	1.8	1.0	1.0	1.0	
A04-545020	1.8	3.5	1.8	1.0	1.0	2.0	
A04-545030	2.0	3.5	2.0	1.0	1.5	1.5	
A04-642023	2.2	3.8	1.8	2.0	1.3	2.5	
A04-643042	1.7	2.0	1.8	1.0	1.3	1.5	
HF02-0005	1.3	1.8	1.3	1.0	1.0	1.0	
HF03-534	1.8	2.3	1.8	1.0	1.3	1.5	
HF03-546	1.8	3.3	1.8	1.0	1.0	2.0	
HS1-6538	1.8	2.3	1.5	2.0	1.0	1.0	
LD02-5025	1.6	2.5	1.5	1.0	1.0	1.5	
LG03-1672	2.0	3.3	2.0	1.0	1.0	1.5	
SD02-22	1.6	1.8	2.0	1.0	1.0	1.5	
SD02-26	1.6	2.5	2.0	1.0	1.0	1.0	
SD02-96	1.4	2.0	1.3	1.0	1.0	1.0	
SD02-190	2.3	4.0	2.0	1.0	1.5	2.0	
SD02-195	1.6	1.5	1.5	1.0	1.3	2.5	
SD02-197	2.2	3.8	1.8	1.0	1.3	2.0	
SD02-514	2.0	3.5	1.5	1.0	1.0	2.0	
SD02-607	1.4	2.3	1.3	1.0	1.0	1.0	
SD02-616	2.2	3.0	1.8	2.0	1.3	3.0	
SD02-1194	1.8	3.0	1.8	2.0	1.5	1.0	
U02-200106	1.6	1.8	1.3	1.0	1.0	1.0	
U02-204506	2.1	3.3	1.8	2.0	1.3	2.0	
U02-205111	2.0	3.3	1.8	1.0	1.3	2.5	
U02-210423	1.6	2.0	1.8	1.0	1.0	1.5	
U02-242055	1.4	2.0	1.5	1.0	1.0	1.0	

**PRELIMINARY TEST II, 2005**

**LODGING (score)**

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II)	3.0	2.0	1.3	1.5	1.0
IA1008 (SCN)	2.0	1.5	1.3	1.0	1.0
IA2065	2.5	1.5	1.2	1.5	1.0
IA2073	2.5	1.5	1.2	1.5	1.0
A04-442033	1.5	2.0	1.3	1.0	1.0
A04-444023	3.5	2.0	1.5	2.0	2.0
A04-542015	2.5	1.5	1.4	1.5	1.0
A04-542021	3.5	2.0	1.4	2.0	1.0
A04-543012	3.0	2.0	1.6	2.0	1.0
A04-543042	2.5	1.5	1.3	1.0	2.0
A04-543045	3.0	2.0	1.9	2.0	2.0
A04-544031	3.0	2.0	1.2	2.0	1.0
A04-545014	3.0	2.0	1.4	2.0	1.0
A04-545015	3.0	2.0	1.2	1.5	1.0
A04-545020	2.0	2.0	1.3	1.5	2.0
A04-545030	3.0	2.0	1.3	2.0	2.0
A04-642023	3.0	2.0	1.6	2.0	2.0
A04-643042	3.0	2.0	1.4	2.0	1.0
HF02-0005	2.0	2.0	1.2	1.0	1.0
HF03-534	3.0	2.0	1.3	1.5	2.0
HF03-546	3.0	2.0	1.3	2.0	1.0
HS1-6538	3.0	2.0	1.3	2.0	2.0
LD02-5025	3.0	2.0	1.4	1.0	1.0
LG03-1672	3.5	2.0	1.8	1.5	2.0
SD02-22	2.0	2.0	1.3	2.0	1.0
SD02-26	2.5	1.5	1.3	2.0	1.0
SD02-96	2.0	2.0	1.3	1.0	1.0
SD02-190	3.5	2.0	2.0	2.0	3.0
SD02-195	2.5	1.0	1.6	2.0	1.0
SD02-197	3.5	2.0	1.9	2.0	3.0
SD02-514	3.5	2.0	1.4	2.0	2.0
SD02-607	2.0	1.5	1.3	2.0	1.0
SD02-616	3.0	2.0	1.5	2.0	2.0
SD02-1194	2.5	1.5	1.3	2.5	1.0
U02-200106	3.5	2.0	1.2	1.0	2.0
U02-204506	3.0	2.0	1.5	2.0	2.0
U02-205111	3.0	2.0	1.5	1.5	2.0
U02-210423	2.5	2.0	1.2	1.0	2.0
U02-242055	2.0	2.0	1.3	1.0	1.0

**PRELIMINARY TEST II, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 9 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II)	32	36	29	26	30	34	
IA1008 (SCN)	34	40	36	27	32	33	
IA2065	30	33	30	28	28	35	
IA2073	29	33	29	26	26	32	
A04-442033	32	34	33	30	26	35	
A04-444023	34	35	35	29	30	39	
A04-542015	33	33	33	33	31	33	
A04-542021	34	36	30	29	34	36	
A04-543012	37	41	34	34	36	41	
A04-543042	32	31	28	29	30	31	
A04-543045	33	36	29	26	31	33	
A04-544031	32	35	28	28	27	34	
A04-545014	35	37	35	31	33	34	
A04-545015	33	32	33	31	33	33	
A04-545020	33	35	30	29	30	38	
A04-545030	33	35	32	28	30	37	
A04-642023	36	40	34	31	34	39	
A04-643042	37	40	34	35	35	39	
HF02-0005	33	34	31	28	30	33	
HF03-534	33	34	28	27	32	39	
HF03-546	34	37	30	31	32	36	
HS1-6538	37	40	35	34	35	35	
LD02-5025	33	35	31	29	31	37	
LG03-1672	39	43	40	32	32	42	
SD02-22	32	35	31	27	28	34	
SD02-26	35	34	34	32	33	40	
SD02-96	30	28	27	29	27	33	
SD02-190	37	43	38	33	34	38	
SD02-195	33	36	29	29	29	37	
SD02-197	37	41	36	33	33	40	
SD02-514	36	40	31	28	34	38	
SD02-607	35	38	33	31	27	40	
SD02-616	40	42	39	35	35	46	
SD02-1194	32	34	31	30	30	35	
U02-200106	27	24	23	24	25	31	
U02-204506	34	32	32	31	32	42	
U02-205111	34	38	30	31	33	38	
U02-210423	37	37	31	35	36	40	
U02-242055	34	35	29	32	33	37	



**PRELIMINARY TEST II, 2005**

**PLANT HEIGHT (inches)**

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II)		33	32	33	35
IA1008 (SCN)		33	33	32	41
IA2065		28	30	29	33
IA2073		27	33	31	29
A04-442033		32	30	32	37
A04-444023		34	34	32	41
A04-542015		31	35	33	37
A04-542021		31	37	36	38
A04-543012		33	38	33	45
A04-543042		31	34	31	40
A04-543045		36	31	33	41
A04-544031		36	32	30	34
A04-545014		36	32	37	38
A04-545015		32	32	33	37
A04-545020		31	32	32	37
A04-545030		32	32	34	34
A04-642023		34	32	36	40
A04-643042		37	37	38	39
HF02-0005		32	35	35	37
HF03-534		31	30	32	42
HF03-546		33	34	36	36
HS1-6538		37	39	39	40
LD02-5025		32	33	38	35
LG03-1672		38	40	40	43
SD02-22		32	32	31	35
SD02-26		36	35	34	40
SD02-96		27	31	27	37
SD02-190		35	37	37	42
SD02-195		30	34	33	37
SD02-197		35	38	33	42
SD02-514		37	36	35	43
SD02-607		34	35	35	43
SD02-616		41	39	40	44
SD02-1194		30	33	32	36
U02-200106		27	23	28	36
U02-204506		30	33	32	40
U02-205111		28	31	33	41
U02-210423		38	39	40	42
U02-242055		36	35	33	38

**PRELIMINARY TEST II, 2005**

**SEED SIZE (g/100)**

Strain	Mean 11 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II)	12.9	13.5	13.2	11.5	12.7	10.7	13.3
IA1008 (SCN)	16.7	18.4	18.0	15.3	18.6	12.8	15.8
IA2065	14.6	15.8	15.1	13.2	14.7	12.7	14.3
IA2073	12.7	14.6	13.9	11.9	13.6	11.3	13.2
A04-442033	16.0	17.3	16.7	14.8	17.0	13.8	16.6
A04-444023	14.4	15.7	14.9	13.2	15.7	11.4	13.8
A04-542015	15.0	15.2	15.5	14.4	15.7	11.0	14.1
A04-542021	14.0	14.6	15.1	12.2	14.2	11.1	14.4
A04-543012	14.9	16.3	14.5	14.5	16.7	13.0	14.7
A04-543042	12.2	12.4	11.9	11.8	12.9	10.8	12.7
A04-543045	13.3	14.2	13.0	11.8	14.3	11.5	13.1
A04-544031	14.5	15.4	14.7	11.4	16.4	12.4	14.3
A04-545014	14.5	15.1	16.2	12.8	15.0	11.9	14.2
A04-545015	13.3	14.6	14.4	12.0	14.2	10.5	13.0
A04-545020	15.2	15.6	14.6	13.2	16.3	13.3	14.6
A04-545030	14.0	14.7	14.4	12.5	15.0	11.3	14.6
A04-642023	14.7	14.9	15.2	12.7	14.6	13.6	14.3
A04-643042	16.6	17.2	17.4	16.5	17.2	15.0	15.3
HF02-0005	17.0	17.1	17.8	16.1	15.9	12.4	18.5
HF03-534	13.3	13.6	13.1	11.6	13.3	11.8	13.3
HF03-546	13.4	14.0	13.6	12.3	13.2	12.9	13.0
HS1-6538	16.1	17.1	16.6	15.3	16.1	13.7	16.3
LD02-5025	13.1	13.1	13.1	12.7	12.7	11.4	13.0
LG03-1672	15.2	15.3	15.7	13.4	14.9	15.2	16.5
SD02-22	13.3	14.4	13.8	12.6	13.9	11.6	12.6
SD02-26	14.6	15.1	15.1	14.4	15.0	12.0	14.3
SD02-96	15.2	16.4	14.8	13.4	15.7	13.0	15.7
SD02-190	15.0	16.4	16.2	12.2	15.3	12.1	14.1
SD02-195	16.5	18.2	16.3	15.1	17.6	13.7	16.7
SD02-197	17.2	19.2	17.9	14.8	18.8	10.7	16.6
SD02-514	16.7	18.0	15.6	12.8	17.9	15.1	16.7
SD02-607	14.9	14.9	15.1	12.0	16.3	12.8	15.2
SD02-616	13.9	14.2	14.6	11.2	13.7	12.3	14.2
SD02-1194	17.7	18.9	18.0	16.3	17.5	13.1	16.8
U02-200106	17.3	17.3	17.1	15.3	18.8	13.0	16.3
U02-204506	16.5	17.8	16.6	14.2	17.6	15.0	15.4
U02-205111	16.6	17.6	16.4	14.5	17.8	15.0	14.9
U02-210423	14.3	14.5	14.6	15.1	13.9	12.4	14.1
U02-242055	16.1	16.4	15.5	13.8	17.1	15.1	15.9

**PRELIMINARY TEST II, 2005**

**SEED SIZE (g/100)**

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II)	15.7	12.9	10.4	13.3	14.9
IA1008 (SCN)	19.6	17.1	13.6	17.2	17.2
IA2065	17.7	15.6	11.3	14.7	15.1
IA2073	17.1	14.3	11.7	13.5	4.3
A04-442033	18.1	16.6	12.6	16.2	16.1
A04-444023	17.6	15.8	11.2	14.3	14.6
A04-542015	19.2	15.7	12.1	15.2	17.1
A04-542021	17.6	13.2	11.4	14.1	15.6
A04-543012	17.7	15.7	11.5	15.0	14.9
A04-543042	14.1	12.5	9.5	12.4	13.6
A04-543045	15.7	13.8	10.9	13.9	13.9
A04-544031	18.5	15.8	11.7	14.8	14.4
A04-545014	17.7	14.5	11.5	14.6	16.0
A04-545015	16.0	12.0	10.1	13.6	16.2
A04-545020	17.7	15.9	11.3	16.1	18.2
A04-545030	16.1	14.3	11.5	14.7	14.5
A04-642023	18.6	15.1	11.2	14.8	16.5
A04-643042	19.2	17.2	12.6	17.1	18.0
HF02-0005	19.8	18.3	13.8	18.1	19.7
HF03-534	16.4	13.9	10.8	13.4	15.2
HF03-546	15.6	13.5	10.2	14.1	14.9
HS1-6538	19.1	17.2	12.8	16.2	17.2
LD02-5025	16.6	13.5	10.3	13.2	14.6
LG03-1672	17.5	14.5	11.6	15.9	16.5
SD02-22	15.4	14.1	11.2	13.9	13.4
SD02-26	17.3	15.0	12.1	15.4	15.0
SD02-96	18.4	16.6	12.9	14.7	15.9
SD02-190	18.3	16.2	12.6	15.2	16.3
SD02-195	19.4	19.0	13.1	16.1	16.9
SD02-197	21.0	20.0	14.2	18.3	17.4
SD02-514	20.8	18.1	13.4	17.4	17.9
SD02-607	17.5	15.2	12.6	16.2	16.0
SD02-616	17.3	13.8	11.5	14.2	15.7
SD02-1194	20.6	21.2	15.6	19.4	17.4
U02-200106	23.0	19.8	14.2	17.4	18.2
U02-204506	20.3	18.6	13.6	17.1	15.5
U02-205111	19.7	18.4	13.5	17.3	17.6
U02-210423	15.7	15.1	11.6	14.4	15.8
U02-242055	20.5	17.2	11.8	16.0	17.8

**PRELIMINARY TEST II, 2005**

**SEED QUALITY (score)**

Strain	Mean 5 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II)	1.7			2.0	2.0		
IA1008 (SCN)	1.7			2.0	1.5		
IA2065	1.6			2.0	1.5		
IA2073	1.5			1.0	2.0		
A04-442033	1.4			1.0	1.5		
A04-444023	1.6			2.0	1.5		
A04-542015	2.1			3.0	2.5		
A04-542021	2.0			3.0	1.5		
A04-543012	1.8			2.0	2.0		
A04-543042	1.6			2.0	1.5		
A04-543045	1.8			2.0	2.5		
A04-544031	1.7			2.0	1.5		
A04-545014	1.7			2.0	1.5		
A04-545015	1.5			1.0	1.5		
A04-545020	1.6			2.0	1.5		
A04-545030	1.9			3.0	2.0		
A04-642023	2.3			3.0	3.5		
A04-643042	1.8			2.0	2.0		
HF02-0005	2.5			4.0	2.5		
HF03-534	1.4			1.0	1.5		
HF03-546	1.6			2.0	1.5		
HS1-6538	1.7			2.0	2.0		
LD02-5025	1.6			2.0	1.5		
LG03-1672	2.0			3.0	1.5		
SD02-22	1.6			2.0	1.0		
SD02-26	1.4			1.0	1.5		
SD02-96	1.7			2.0	1.5		
SD02-190	2.0			3.0	2.0		
SD02-195	1.8			2.0	2.0		
SD02-197	2.3			3.0	2.5		
SD02-514	1.8			2.0	2.0		
SD02-607	1.9			2.0	2.0		
SD02-616	1.4			1.0	1.5		
SD02-1194	1.6			2.0	1.5		
U02-200106	1.4			1.0	1.5		
U02-204506	1.6			2.0	1.5		
U02-205111	1.4			1.0	1.5		
U02-210423	1.6			2.0	1.5		
U02-242055	1.6			2.0	1.0		

**PRELIMINARY TEST II, 2005**

**SEED QUALITY (score)**

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II)			1.5	1.0	2.0
IA1008 (SCN)			1.5	1.5	2.0
IA2065			1.4	1.0	2.0
IA2073			1.5	1.0	2.0
A04-442033			1.7	1.0	2.0
A04-444023			1.5	1.0	2.0
A04-542015			1.5	1.5	2.0
A04-542021			2.0	1.5	2.0
A04-543012			1.6	1.5	2.0
A04-543042			1.4	1.0	2.0
A04-543045			1.5	1.0	2.0
A04-544031			1.4	1.5	2.0
A04-545014			1.5	1.5	2.0
A04-545015			1.5	1.5	2.0
A04-545020			1.6	1.0	2.0
A04-545030			1.4	1.0	2.0
A04-642023			1.5	1.5	2.0
A04-643042			1.5	1.5	2.0
HF02-0005			2.2	2.0	2.0
HF03-534			1.7	1.0	2.0
HF03-546			1.4	1.0	2.0
HS1-6538			1.5	1.0	2.0
LD02-5025			1.5	1.0	2.0
LG03-1672			1.9	1.5	2.0
SD02-22			1.4	1.5	2.0
SD02-26			1.4	1.0	2.0
SD02-96			1.4	1.5	2.0
SD02-190			1.6	1.5	2.0
SD02-195			1.5	1.5	2.0
SD02-197			2.3	1.5	2.0
SD02-514			1.4	1.5	2.0
SD02-607			1.5	2.0	2.0
SD02-616			1.6	1.0	2.0
SD02-1194			1.6	1.0	2.0
U02-200106			1.5	1.0	2.0
U02-204506			1.5	1.0	2.0
U02-205111			1.5	1.0	2.0
U02-210423			1.5	1.0	2.0
U02-242055			1.9	1.3	2.0

**PRELIMINARY TEST II, 2005**

**PROTEIN (%)**

Strain	Mean 5 Tests	Ames IA	Urbana IL	Lafayette IN	Harrow Ont.	Aurora SD
IA2068 (II)	37.3	37.4	37.3	37.3	37.7	37.0
IA1008 (SCN)	39.5	40.4	39.9	39.6	39.2	38.2
IA2065	38.8	40.7	40.2	38.9	38.3	35.9
IA2073	39.1	40.1	40.3	41.3	39.8	34.0
A04-442033	37.4	37.8	39.3	39.8	38.0	32.0
A04-444023	39.4	40.5	39.6	41.6	39.8	35.4
A04-542015	39.4	40.3	39.9	41.1	38.9	36.7
A04-542021	39.6	40.4	39.8	41.6	40.2	36.0
A04-543012	38.7	41.3	39.1	39.9	39.0	34.2
A04-543042	37.7	37.9	37.8	40.0	37.5	35.4
A04-543045	38.2	37.4	39.7	40.5	39.1	34.6
A04-544031	40.5	39.8	43.4	43.3	39.4	36.3
A04-545014	39.4	41.3	40.6	41.4	39.0	34.7
A04-545015	40.0	39.7	40.4	42.6	39.1	38.1
A04-545020	40.2	40.0	41.2	41.1	39.0	39.6
A04-545030	39.3	39.1	40.6	40.3	39.2	37.1
A04-642023	39.8	40.5	40.5	41.8	38.8	37.6
A04-643042	39.1	39.4	40.3	40.6	39.3	35.9
HF02-0005	39.7	41.1	39.8	40.5	39.4	37.7
HF03-534	39.2	40.3	39.9	39.8	39.2	36.9
HF03-546	39.4	40.1	40.2	41.2	39.2	36.5
HS1-6538	40.2	40.4	40.3	42.9	39.5	37.7
LD02-5025	38.4	38.8	39.8	39.1	38.9	35.5
LG03-1672	38.3	40.4	39.5	38.5	38.3	35.0
SD02-22	39.4	41.5	42.0	39.4	39.3	34.9
SD02-26	39.9	40.9	40.8	40.2	39.5	38.0
SD02-96	40.2	40.9	41.7	41.3	39.8	37.4
SD02-190	38.2	38.4	39.6	38.6	39.1	35.4
SD02-195	39.2	40.2	41.1	38.8	39.5	36.4
SD02-197	39.4	41.1	40.9	40.9	40.0	34.3
SD02-514	40.6	41.6	42.7	41.1	40.9	36.7
SD02-607	40.8	41.6	42.6	42.1	40.9	36.7
SD02-616	36.3	41.4	41.2	22.3	40.3	36.3
SD02-1194	41.4	41.6	43.0	43.5	41.1	38.0
U02-200106	39.4	40.7	41.7	40.9	38.5	35.4
U02-204506	40.1	40.2	43.4	42.0	39.7	35.2
U02-205111	40.9	41.2	41.8	42.5	40.8	38.1
U02-210423	39.9	41.1	41.4	40.7	39.3	36.8
U02-242055	40.4	41.4	40.1	43.0	39.4	38.0

**PRELIMINARY TEST II, 2005**

**OIL (%)**

Strain	Mean 5 Tests	Ames IA	Urbana IL	Lafayette IN	Harrow Ont.	Aurora SD
IA2068 (II)	21.6	20.4	22.9	21.7	23.0	20.3
IA1008 (SCN)	20.7	19.2	21.1	21.1	22.0	19.9
IA2065	23.1	21.8	23.0	22.9	24.9	22.9
IA2073	20.9	19.9	21.2	21.0	21.7	21.0
A04-442033	21.3	20.2	21.3	21.0	22.5	21.3
A04-444023	20.8	19.7	21.3	20.3	22.1	20.9
A04-542015	20.4	19.1	20.6	19.7	22.4	20.3
A04-542021	20.8	20.1	21.3	19.2	21.6	21.8
A04-543012	21.8	20.0	22.1	21.2	23.3	22.5
A04-543042	21.8	21.0	22.7	20.9	23.0	21.2
A04-543045	21.6	20.9	22.7	20.3	22.6	21.6
A04-544031	21.5	20.9	21.2	20.9	23.0	21.3
A04-545014	21.0	18.3	21.5	20.9	22.9	21.3
A04-545015	20.9	20.1	21.1	20.2	22.9	20.1
A04-545020	21.1	20.6	21.2	20.8	23.2	19.7
A04-545030	20.9	19.8	21.5	20.6	21.9	20.5
A04-642023	20.3	19.2	20.2	19.4	22.3	20.5
A04-643042	22.1	20.7	21.8	22.3	23.7	22.1
HF02-0005	20.7	19.3	21.3	19.8	22.7	20.4
HF03-534	21.8	20.3	22.9	22.1	22.9	20.9
HF03-546	21.7	20.8	22.3	21.2	22.8	21.4
HS1-6538	20.6	20.0	20.6	20.0	22.4	19.8
LD02-5025	20.4	19.8	20.0	20.3	21.4	20.6
LG03-1672	20.4	19.0	20.1	20.5	22.2	20.1
SD02-22	20.1	18.5	19.8	20.7	21.4	20.3
SD02-26	20.6	19.6	20.8	20.6	22.1	20.1
SD02-96	21.2	20.3	19.9	21.5	23.3	21.1
SD02-190	21.5	20.7	21.1	21.9	22.5	21.2
SD02-195	21.9	21.1	22.4	22.5	23.1	20.5
SD02-197	21.1	19.3	21.4	20.8	22.6	21.3
SD02-514	21.0	19.5	21.6	21.0	22.0	21.1
SD02-607	20.0	18.6	19.7	19.4	21.3	21.0
SD02-616	18.4	19.1	20.7	9.1	22.1	21.2
SD02-1194	21.5	20.4	21.1	21.8	22.9	21.4
U02-200106	20.6	18.9	20.3	20.0	22.8	21.2
U02-204506	20.8	20.3	19.7	19.9	22.6	21.3
U02-205111	20.6	19.8	20.9	20.1	21.8	20.5
U02-210423	20.1	18.7	20.0	19.3	21.6	20.8
U02-242055	21.4	20.0	22.1	20.7	23.5	20.9

**Uniform Test III, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	4	F5	
2.	IA2065		1		2% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	SCNIII	F5	SCN
4.	Macon (L)	Sherman x Resnik	11	F5	
5.	HS1-3661	HS93-4118 x 9352	PTIII	F5	het. for Rps1c
6.	HS1-3886	IA 3010 x 9352	PTIII	F5	
7.	LG00-6925	IA2022 x LG91-6859	PTIII	F6	
8.	LS01-1987	"? (suspect LS93-0375) x IA3005"	PTIII	F6	SCN
9.	U01-240136	NE3001 x UP1Fe(F1)C6-47	PTIII	F5	Chlorosis
10.	U01-390787	NE3001 x Pioneer 93B82	1	F5	Determinate



**UNIFORM TEST III, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	<u>Chlorosis</u>		<u>Green Stem</u>		<u>Shattering</u>
		Score		Score		Score
		Humboldt IA	Wilkin Co. MN	Pine Tree AR	Lafayette IN	Manhattan KS
IA3023 (III)	WLtTDYBII	3.0	2.5	1.0	1.0	1.0
IA2065	PTBDYBII	2.1	2.0	3.0	2.0	1.0
U98-311442 (SCN)	PGTDYIbI	2.9	2.7	2.0	1.0	1.0
Macon (L)	PTBDYBII	3.3	2.7	4.0	1.0	1.0
HS1-3661	WLtBIYBrI	2.8	3.2	1.0	1.0	1.0
HS1-3886	WTBDYLbrI	2.0	2.0	2.0	1.0	1.0
LG00-6925	PGBIYBII	3.1	2.0	2.0	1.0	1.0
LS01-1987	PLtBDYLbII	2.9	2.2	2.0	1.0	1.0
U01-240136	WTBDYBrI	2.3	2.3	2.0	1.0	1.0
U01-390787	WGBDYSS	2.4	2.2	2.0	1.0	1.0

**UNIFORM TEST III, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	<u>PR</u> Lafayette		<u>SDS</u> Valmeyer	<u>P &amp; SB</u>	<u>PS</u> Lafayette	<u>FE</u>
	Race 4	Race 7	IL DX	n %	a %	a
IA3023 (III)	S	S	9	2	2	S
IA2065	R	R	1	46	2	S
U98-311442 (SCN)	S	S	5	2	2	S
Macon (L)	S	S	19	0	1	S
HS1-3661	S	R	14	14	3	S
HS1-3886	S	R	28	4	0	S
LG00-6925	S	S	17	10	2	S
LS01-1987	S	H	1	4	0	S
U01-240136	S	S	8	12	0	S
U01-390787	S	S	19	12	2	S

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**UNIFORM TEST III, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 19 bu/a	Rank 19 No.	Maturity 18 Date	Lodging 17 Score	Plant Height 17 In.	Seed Size 18 g/100	Seed Quality 13 Score	<u>Composition</u>	
								Protein 8 %	Oil 8 %
IA3023 (III)	61.9	1	9/19	1.5	32	14.9	2.0	39.3	20.5
IA2065	52.7	10	-7.6	1.5	28	15.1	2.2	40.7	22.7
U98-311442 (SCN)	57.9	5	2.8	1.7	33	13.9	2.0	41.4	20.0
Macon (L)	57.6	6	3.1	1.6	35	15.8	2.0	40.9	20.5
HS1-3661	59.1	3	-0.7	1.7	32	15.0	2.0	40.3	20.2
HS1-3886	59.7	2	2.8	1.3	32	15.7	2.2	40.0	20.1
LG00-6925	56.3	8	-0.7	2.4	41	17.1	2.8	40.7	20.5
LS01-1987	59.1	3	1.4	1.5	33	14.7	2.1	40.6	19.3
U01-240136	53.6	9	-2.1	1.8	38	15.8	2.5	41.6	19.8
U01-390787	56.5	7	-2.6	1.9	34	15.5	2.2	39.8	21.5

130.1 Days After Planting

**UNIFORM TEST III, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield 37 bu/a	Rank 37 No.	Maturity 35 Date	Lodging 34 Score	Plant Height 33 In.	Seed Size 30 g/100	Seed Quality 25 Score	<u>Composition</u>	
								Protein 13 %	Oil 13 %
IA3023 (III)	61.9	1	9/19	1.6	31	15.6	1.7	39.1	19.8
IA2065	54.0	4	-6.6	1.6	27	15.7	1.8	40.2	21.8
Macon (L)	58.2	2	2.5	1.7	34	16.7	1.7	40.8	19.9
U01-390787	57.6	3	-1.6	2.1	34	16.1	1.9	40.0	20.4

127.8 Days After Planting

**UNIFORM TEST III, 2005**

**YIELD (bu/a)**

Strain	Mean 19 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN
IA3023 (III)	61.9	65.9	51.2	77.6	88.2	54.9	74.4	56.4
IA2065	52.7	58.1	46.7	87.0	75.2	45.9	56.7	58.9
U98-311442 (SCN)	57.9	59.6	42.8	69.7	71.3	61.5	69.2	56.0
Macon (L)	57.6	65.4	55.0	69.8	73.6	58.0	62.4	55.9
HS1-3661	59.1	60.8	42.7	81.1	84.2	48.4	61.8	58.0
HS1-3886	59.7	69.0	53.0	74.6	78.2	61.5	60.6	53.8
LG00-6925	56.3	62.8	49.9	78.7	81.3	56.8	60.1	56.4
LS01-1987	59.1	67.7	47.4	69.8	71.1	63.0	59.8	58.2
U01-240136	53.6	57.8	49.0	76.4	75.4	51.1	49.6	52.9
U01-390787	56.5	53.9	44.7	78.9	75.8	47.9	58.2	59.8
C.V. (%)		10.0	9.7	9.1	5.8	7.8	7.9	3.9
L.S.D. (5%)		10.7	11.2	15.6	10.1	6.1	6.8	3.8
Row Sp. (in.)		6.5	6.5	27	27	30	30	24
Rows/Plot		9	9	4	4	4	4	4
Reps		3	3	2	2	3	3	3

\*Data not included in mean.

**UNIFORM TEST III, 2005**

**YIELD RANK**

Strain	Yield Rank	Pine Tree* irrigated AR	Rohwer* irrigated AR	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN
IA3023 (III)	1	3	3	5	1	6	1	5
IA2065	10	8	7	1	7	10	9	2
U98-311442 (SCN)	5	7	9	10	9	2	2	7
Macon (L)	6	4	1	8	8	4	3	8
HS1-3661	3	6	10	2	2	8	4	4
HS1-3886	2	1	2	7	4	2	5	9
LG00-6925	8	5	4	4	3	5	6	5
LS01-1987	3	2	6	8	10	1	7	3
U01-240136	9	9	5	6	6	7	10	10
U01-390787	7	10	8	3	5	9	8	1

\*Data not included in mean.

**UNIFORM TEST III, 2005**

**YIELD (bu/a)**

Strain	Butler	Wanatah	Ashland	Manhattan	Queenstown	Columbia	Portageville
	ville	IN	KS	KS	MD	MO	(Clay)
	IN	IN	KS	KS	MD	MO	MO
IA3023 (III)	57.6	56.1	65.1	50.6	33.0	32.4	60.3
IA2065	45.0	52.0	59.2	47.6	31.1	28.1	34.1
U98-311442 (SCN)	55.0	62.8	56.2	47.7	44.3	25.6	70.8
Macon (L)	51.8	57.6	57.2	49.1	37.2	32.7	65.9
HS1-3661	56.7	54.7	58.8	48.9	38.7	29.2	65.3
HS1-3886	61.7	54.1	60.9	44.2	49.6	35.2	73.8
LG00-6925	52.7	57.1	53.9	39.4	39.4	24.1	73.4
LS01-1987	54.8	64.0	54.0	48.9	40.7	30.3	68.0
U01-240136	48.7	53.3	53.8	39.8	33.9	16.8	59.2
U01-390787	45.5	55.3	58.6	45.1	44.4	27.1	53.0
C.V. (%)	10.1	9.5	4.2	6.0	12.6	5.8	8.2
L.S.D. (5%)	9.2	9.2	4.2	4.8	8.5	2.3	8.8
Row Sp. (in.)	26	30	30	30	24	30	30
Rows/Plot	4	4	4	4	4	4	4
Reps	3	3	3	3	3	3	3

**UNIFORM TEST III, 2005**

**YIELD RANK**

Strain	Butler	Wanatah	Ashland	Manhattan	Queenstown	Columbia	Portageville
	ville	IN	KS	KS	MD	MO	(Clay)
	IN	IN	KS	KS	MD	MO	MO
IA3023 (III)	2	5	1	1	9	3	7
IA2065	10	10	3	6	10	6	10
U98-311442 (SCN)	4	2	7	5	3	8	3
Macon (L)	7	3	6	2	7	2	5
HS1-3661	3	7	4	4	6	5	6
HS1-3886	1	8	2	8	1	1	1
LG00-6925	6	4	9	10	5	9	2
LS01-1987	5	1	8	3	4	4	4
U01-240136	8	9	10	9	8	10	8
U01-390787	9	6	5	7	2	7	9

**UNIFORM TEST III, 2005**

**YIELD (bu/a)**

Strain	Portageville	DeWitt	Goehner	Tekamah	Hoytville	Wooster	So. Charleston.
	(Loam) MO						
IA3023 (III)	64.9	97.5	85.9	47.7	57.3	60.7	54.9
IA2065	53.7	70.5	57.7	45.2	56.3	61.8	35.1
U98-311442 (SCN)	61.5	79.6	71.0	43.5	43.3	67.7	42.7
Macon (L)	74.3	87.0	65.2	41.9	48.9	62.5	43.8
HS1-3661	62.6	89.1	77.0	45.9	51.5	68.2	43.2
HS1-3886	64.8	77.8	78.6	40.4	48.0	62.1	54.5
LG00-6925	57.7	74.7	55.5	41.5	46.6	71.3	49.3
LS01-1987	57.2	104.9	70.9	40.8	50.9	71.3	45.0
U01-240136	61.9	84.8	74.7	42.5	49.5	53.5	41.4
U01-390787	66.0	79.0	81.7	45.7	52.3	54.3	44.0
C.V. (%)	7.8	12.0	14.5	13.9	5.2	7.6	10.5
L.S.D. (5%)	8.3	23.0	23.5	13.7	4.3	7.9	8.1
Row Sp. (in.)	30	30	30	30	7.5	7.5	15
Rows/Plot	4	4	4	4	6	6	6
Reps	3	2	2	2	3	3	3

**UNIFORM TEST III, 2005**

**YIELD RANK**

Strain	Portageville	DeWitt	Goehner	Tekamah	Hoytville	Wooster	So. Charleston.
	(Loam) MO						
IA3023 (III)	3	2	1	1	1	8	1
IA2065	10	10	9	4	2	7	10
U98-311442 (SCN)	7	6	6	5	10	4	8
Macon (L)	1	4	8	7	7	5	6
HS1-3661	5	3	4	2	4	3	7
HS1-3886	4	8	3	10	8	6	2
LG00-6925	8	9	10	8	9	1	3
LS01-1987	9	1	7	9	5	2	4
U01-240136	6	5	5	6	6	10	9
U01-390787	2	7	2	3	3	9	5

**UNIFORM TEST III, 2005**

**MATURITY (date)**

Strain	Mean 18 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN
IA3023 (III)	9/19	8/16	8/18	9/24	9/17	9/10	9/17	9/13
IA2065	-7.6		-3	-10	-12	-6	-8	-7
U98-311442 (SCN)	2.8		3	6	5	4	5	3
Macon (L)	3.1		4	5	2	3	4	3
HS1-3661	-0.7		0	-3	0	-2	0	-2
HS1-3886	2.8		3	5	3	3	7	4
LG00-6925	-0.7		0	-1	-1	0	0	1
LS01-1987	1.4		4	3	2	4	2	2
U01-240136	-2.1		5	-1	-1	-3	-3	-2
U01-390787	-2.6		1	0	0	-4	-3	-2
Date Planted	5/12	4/19	4/27	5/2	5/3	5/6	5/5	5/7
Days to Mature	130	119	113	145	137	127	135	129

\*Data not included in mean.

**UNIFORM TEST III, 2005**

**LODGING (score)**

Strain	Mean 17 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN
IA3023 (III)	1.5			2.3	2.0	2.0	2.0	1.0
IA2065	1.5			3.0	1.5	2.0	1.0	1.0
U98-311442 (SCN)	1.7			2.3	2.3	2.0	2.0	1.3
Macon (L)	1.6			3.0	2.0	3.0	1.0	1.2
HS1-3661	1.7			3.0	2.0	2.0	2.0	1.0
HS1-3886	1.3			2.3	1.8	2.0	1.0	1.0
LG00-6925	2.4			3.8	2.5	3.0	3.0	1.3
LS01-1987	1.5			3.0	2.0	2.0	1.0	1.0
U01-240136	1.8			3.5	2.0	2.0	2.0	1.0
U01-390787	1.9			3.5	2.5	2.0	2.0	1.2

\*Data not included in mean.

**UNIFORM TEST III, 2005**

**MATURITY (date)**

	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Queenstown MD	Columbia MO	Portageville (Clay) MO
IA3023 (III)	9/27	9/22	9/26	10/12	9/23	9/12	9/10
IA2065	-12	-8	-2	-11	-4	-1	0
U98-311442 (SCN)	1	3	1	1	5	2	2
Macon (L)	0	4	2	3	6	3	3
HS1-3661	-4	-1	1	0	3	1	0
HS1-3886	-1	2	3	4	8	-1	0
LG00-6925	-3	-1	0	-2	2	-3	0
LS01-1987	-2	3	-0	2	5	4	0
U01-240136	-6	-2	-2	-5	1	-3	2
U01-390787	-7	-3	-1	-5	4	-4	0
Date Planted	5/11	5/16	5/23	6/20	6/10	5/17	5/5
Days to Mature	139	129	126	114	105	118	128

**UNIFORM TEST III, 2005**

**LODGING (score)**

Strain	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Queenstown MD	Columbia MO	Portageville (Clay) MO
IA3023 (III)	1.2	1.0	1.0	1.0	1.0	1.0	1.0
IA2065	1.8	1.0	1.0	1.0	1.0	2.0	2.0
U98-311442 (SCN)	2.2	1.3	1.0	1.0	1.3	1.0	1.5
Macon (L)	1.8	1.0	1.0	1.0	1.0	2.0	1.0
HS1-3661	2.2	1.0	1.7	1.3	1.0	1.0	1.5
HS1-3886	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LG00-6925	2.7	1.5	2.3	2.3	1.3	3.0	2.0
LS01-1987	1.7	1.0	1.0	1.3	1.0	1.0	1.0
U01-240136	2.2	1.0	1.0	1.3	1.0	2.0	1.5
U01-390787	2.2	1.2	2.0	2.0	1.5	2.0	1.5



**UNIFORM TEST III, 2005**

**MATURITY (date)**

Strain	Portageville						
	(Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	So. Charleston. OH
IA3023 (III)	9/7		9/25	9/24	9/19	9/19	9/19
IA2065	0		-11	-12	-11	-9	-14
U98-311442 (SCN)	0		0	4	0	3	5
Macon (L)	5		-2	7	5	2	3
HS1-3661	2		-3	-2	-0	-1	-2
HS1-3886	1		1	3	3	1	4
LG00-6925	0		-5	1	0	0	-2
LS01-1987	-5		-2	3	1	2	2
U01-240136	0		-4	0	-2	-2	-5
U01-390787	-9		-3	-3	-1	-3	-4
Date Planted	5/4		5/19	5/4	5/6	5/5	5/4
Days to Mature	126		129	143	136	137	138

**UNIFORM TEST III, 2005**

**LODGING (score)**

Strain	Portageville						
	(Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	So. Charleston. OH
IA3023 (III)	3.0		2.0		1.7	1.4	1.2
IA2065	2.5		1.5		1.3	1.3	1.2
U98-311442 (SCN)	3.0		2.0		1.4	1.6	1.2
Macon (L)	2.5		2.0		1.3	1.4	1.2
HS1-3661	3.5		2.5		1.3	1.4	1.2
HS1-3886	1.5		2.0		1.3	1.3	1.1
LG00-6925	4.0		2.5		1.9	3.1	1.4
LS01-1987	3.0		2.0		1.3	1.3	1.2
U01-240136	3.5		2.0		1.3	1.3	1.3
U01-390787	3.0		2.0		1.6	1.4	1.3

**UNIFORM TEST III, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 17 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN
IA3023 (III)	32	24	24	40	38	32	36	35
IA2065	28	22	22	33	33	29	29	29
U98-311442 (SCN)	33	26	24	41	39	33	35	38
Macon (L)	35	28	23	42	43	35	36	39
HS1-3661	32	24	21	39	40	31	34	36
HS1-3886	32	24	21	42	39	33	37	37
LG00-6925	41	33	30	47	46	43	43	46
LS01-1987	33	26	23	40	39	34	34	39
U01-240136	38	28	25	47	46	40	41	43
U01-390787	34	23	20	47	39	34	34	33

\*Data not included in mean.

**UNIFORM TEST III, 2005**

**SEED SIZE (g/100)**

Strain	Mean 18 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN
IA3023 (III)	14.9			15.6	14.4	13.2	16.8	12.8
IA2065	15.1			16.0	14.3	12.3	15.1	15.8
U98-311442 (SCN)	13.9			14.7	13.5	13.1	14.5	11.3
Macon (L)	15.8			17.1	15.6	14.0	16.4	14.7
HS1-3661	15.0			15.9	15.3	12.4	15.0	13.8
HS1-3886	15.7			17.3	15.7	14.1	17.0	14.4
LG00-6925	17.1			18.6	18.0	16.5	16.5	16.6
LS01-1987	14.7			15.0	13.5	14.8	15.3	12.7
U01-240136	15.8			16.1	16.0	14.0	16.3	13.1
U01-390787	15.5			16.9	16.1	14.1	15.6	15.2

\*Data not included in mean.

**UNIFORM TEST III, 2005****PLANT HEIGHT (inches)**

Strain	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Queenstown MD	Columbia MO	Portageville (Clay) MO
IA3023 (III)	28	34	33	31	24	22	25
IA2065	24	28	30	31	21	23	24
U98-311442 (SCN)	29	37	31	33	25	23	29
Macon (L)	32	37	35	38	26	23	32
HS1-3661	28	34	35	33	23	23	29
HS1-3886	30	35	32	32	24	22	27
LG00-6925	34	44	45	43	26	33	37
LS01-1987	29	35	32	36	24	24	26
U01-240136	34	44	36	40	27	29	33
U01-390787	28	37	38	35	27	27	30

**UNIFORM TEST III, 2005****SEED SIZE (g/100)**

Strain	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Queenstown MD	Columbia MO	Portageville (Clay) MO
IA3023 (III)	14.8	14.8	15.8	15.8	11.0		20.7
IA2065	15.8	14.6	15.8	18.9	12.3		19.1
U98-311442 (SCN)	14.1	14.4	14.0	16.7	10.6		17.8
Macon (L)	15.2	15.9	16.2	18.8	12.0		20.5
HS1-3661	14.2	15.2	15.5	18.1	11.8		20.1
HS1-3886	16.0	15.7	16.9	16.7	13.7		18.7
LG00-6925	17.6	17.9	17.8	17.5	14.9		21.1
LS01-1987	15.3	14.5	13.8	17.7	12.0		18.5
U01-240136	16.1	15.9	17.2	18.6	12.7		20.3
U01-390787	15.4	16.2	15.4	17.9	12.9		21.0

**UNIFORM TEST III, 2005****PLANT HEIGHT (inches)**

---

Strain	Portageville	DeWitt	Goehner	Tekamah	Hoytville	Wooster	So. Charleston.
	(Loam) MO	NE	NE	NE	OH	OH	OH
IA3023 (III)	34		35		36	31	27
IA2065	30		28		27	29	24
U98-311442 (SCN)	35		37		35	33	25
Macon (L)	37		35		37	32	29
HS1-3661	36		36		34	31	27
HS1-3886	30		36		36	30	28
LG00-6925	43		47		42	40	34
LS01-1987	36		36		35	34	29
U01-240136	42		41		41	35	33
U01-390787	36		33		35	31	31

---

**UNIFORM TEST III, 2005****SEED SIZE (g/100)**

---

Strain	Portageville	DeWitt	Goehner	Tekamah	Hoytville	Wooster	So. Charleston.
	(Loam) MO	NE	NE	NE	OH	OH	OH
IA3023 (III)	17.1	16.3	16.0	13.7	12.0	13.1	13.6
IA2065	18.7	16.4	16.2	12.7	11.6	13.3	12.8
U98-311442 (SCN)	14.4	15.1	13.7	13.6	10.3	13.4	14.2
Macon (L)	16.8	17.8	16.7	14.7	12.9	13.8	14.6
HS1-3661	17.0	17.2	17.0	14.1	11.4	13.3	12.9
HS1-3886	16.6	17.9	16.9	14.2	12.6	13.8	15.1
LG00-6925	17.7	16.8	16.4	15.2	13.7	17.5	16.7
LS01-1987	17.1	16.4	14.7	13.7	11.3	13.7	14.2
U01-240136	16.6	17.7	17.0	14.7	13.0	14.5	14.6
U01-390787	17.0		16.8	14.3	12.5	12.9	14.0

---

**UNIFORM TEST III, 2005****SEED QUALITY (score)**

---

Strain	Mean 13 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN
IA3023 (III)	2.0					2.0	1.0	1.0
IA2065	2.2					2.0	3.0	2.0
U98-311442 (SCN)	2.0					1.0	2.0	1.0
Macon (L)	2.0					2.0	2.0	1.0
HS1-3661	2.0					2.0	2.0	1.0
HS1-3886	2.2					2.0	3.0	1.5
LG00-6925	2.8					3.0	3.0	2.5
LS01-1987	2.1					2.0	2.0	1.0
U01-240136	2.5					3.0	3.0	2.0
U01-390787	2.2					2.0	2.0	2.0

---

\*Data not included in mean.

**UNIFORM TEST III, 2005****SEED QUALITY (score)**

---

Strain	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Queenstown MD	Columbia MO	Portageville (Clay) MO
IA3023 (III)	1.0	1.0	2.0	5.0	1.5		4.0
IA2065	1.5	1.5	2.0	2.0	1.8		4.0
U98-311442 (SCN)	1.0	1.0	3.0	3.0	1.3		4.0
Macon (L)	1.0	1.0	2.0	4.0	1.3		4.0
HS1-3661	1.0	1.0	2.0	4.0	1.5		4.0
HS1-3886	1.0	1.5	2.0	4.0	1.8		4.0
LG00-6925	1.5	3.0	4.0	4.0	2.0		4.0
LS01-1987	1.0	1.0	2.0	4.0	1.5		4.0
U01-240136	1.5	2.0	3.0	4.0	2.0		4.0
U01-390787	1.5	1.5	2.0	3.0	2.2		4.0

---

**UNIFORM TEST III, 2005****SEED QUALITY (score)**

---

Strain	Portageville	DeWitt	Goehner	Tekamah	Hoytville	Wooster	So. Charleston.
	(Loam) MO	NE	NE	NE	OH	OH	OH
IA3023 (III)	3.0				1.4	1.3	1.4
IA2065	4.0				1.5	1.3	1.7
U98-311442 (SCN)	4.0				1.6	1.4	1.8
Macon (L)	3.0				1.5	1.3	1.5
HS1-3661	3.0				1.6	1.4	1.5
HS1-3886	3.0				1.5	1.4	1.5
LG00-6925	4.0				1.8	1.3	2.3
LS01-1987	4.0				1.5	1.6	1.4
U01-240136	4.0				1.6	1.3	1.5
U01-390787	4.0				1.5	1.5	1.8

---

**UNIFORM TEST III, 2005****PROTEIN (%)**

Strain	Mean 8 Tests	Ames IA	Newton IL	Urbana IL	Lafayette IN	Butlerville IN	Wanatah IN	Portageville	
								(Loam) MO	So. Charleston. OH
IA3023 (III)	39.3	39.0	40.3	38.3	40.5	39.9	38.3	39.2	38.9
IA2065	40.7	39.9	40.1	40.1	42.5	41.5	39.7	42.4	39.6
U98-311442 (SCN)	41.4	40.6	41.0	41.5	43.1	41.6	42.6	40.7	39.9
Macon (L)	40.9	40.3	40.7	42.1	43.0	41.3	41.8	40.0	38.3
HS1-3661	40.3	39.7	40.4	39.5	41.7	42.0	40.9	40.6	38.0
HS1-3886	40.0	39.5	39.8	41.2	41.4	40.2	40.4	39.8	37.3
LG00-6925	40.7	39.1	40.9	40.4	42.9	42.8	41.6	39.5	38.9
LS01-1987	40.6	38.6	39.1	40.7	42.7	43.0	41.1	40.4	39.4
U01-240136	41.6	39.2	41.7	41.8	43.6	42.7	41.9	41.6	40.1
U01-390787	39.8	38.8	40.3	39.5	41.8	40.5	40.0	39.5	37.7

**UNIFORM TEST III, 2005****OIL (%)**

Strain	Mean 8 Tests	Ames IA	Newton IL	Urbana IL	Lafayette IN	Butlerville IN	Wanatah IN	Portageville	
								(Loam) MO	So. Charleston. OH
IA3023 (III)	20.5	19.6	20.0	21.1	20.6	20.7	21.1	21.5	19.7
IA2065	22.7	21.7	23.6	23.1	22.2	22.7	23.3	23.8	21.1
U98-311442 (SCN)	20.0	18.7	20.4	20.6	18.9	19.9	20.0	21.3	20.0
Macon (L)	20.5	19.1	20.6	20.4	19.8	20.4	20.3	22.8	21.0
HS1-3661	20.2	20.0	21.0	20.5	18.8	19.6	19.8	21.7	20.3
HS1-3886	20.1	19.4	20.8	19.5	18.9	19.9	20.2	21.8	20.6
LG00-6925	20.5	20.1	21.3	20.9	20.0	20.3	19.5	21.3	20.6
LS01-1987	19.3	18.7	20.4	19.4	17.9	18.5	19.4	20.8	19.4
U01-240136	19.8	19.6	20.7	19.5	18.6	19.9	19.4	21.5	19.6
U01-390787	21.5	20.3	21.4	22.1	20.7	21.7	21.3	22.5	21.9



**Preliminary Test IIIA, 2005**

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	F5	
2.	IA2065			2% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	F5	SCN
4.	Macon (L)	Sherman x Resnik	F5	
5.	IA3024	A97-553017 x Pioneer YB33A99		1% linolenic
6.	A04-544030	Pioneer XB29D01 x A00-711025	F4	
7.	A04-545006	Pioneer 93B86 x A00-711022	F4	
8.	A04-545011	Dairyland 98822 x A00-711025	F5	
9.	A04-545028	Pioneer 93B66 x Syngenta S20-F8	F4	
10.	A04-545033	Pioneer XB29D01 x A00-711025	F4	
11.	A04-545045	Pioneer 93B86 x A00-711022	F4	
12.	A04-642004	IA1008 x A97-553017	F4	1% linolenic
13.	A04-642005	IA1008 x A97-553017	F4	1% linolenic, SCN
14.	A04-643010	A00-711041 x AgriPro X0138P77	F5	
15.	A04-643028	IA2061 x Pioneer 93B86	F5	
16.	A04-643040	IA2061 x Pioneer 93B86	F5	SCN
17.	A04-644035	Syngenta S32-Z3 x A00-711036	F5	
18.	A04-644037	Thompson Ex9242 x Syngenta S20-F8	F5	
19.	A04-645020	Pioneer 93B66 x Syngenta S20-F8	F4	
20.	A04-645031	A00-711041 x AgriPro X0138P77	F5	
21.	K03-2839	HS93-4118 x A98-980047	F5	
22.	K03-3582	A98-980047 x K99-98	F5	
23.	K03-4142	U97-201847 x A97-973002	F5	
24.	K03-4146	U97-201847 x A97-973002	F5	
25.	K03-4150	U97-201847 x A97-973002	F5	
26.	K03-4156	U97-201847 x A97-973002	F5	
27.	K03-4157	U97-201847 x A97-973002	F5	
28.	LS01-3778	PI567.650B x LS93-0375	F6	SCN

**PRELIMINARY TEST IIIA, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	<u>Chlorosis</u>	<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>		<u>PS</u>	<u>FE</u>
		Score	Score	Score	Lafayette		Lafayette	
		Humboldt IA	Lafayette IN	Ashland KS	Race 4	Race 7	a %	a
IA3023 (III)	WLtTDYBII	3.0	1.0	1.0	S	S	2	S
IA2065	PTBDYBII	2.1	1.0	1.0	R	R	2	S
U98-311442 (SCN)	PGTDYIbI	2.9	1.0	1.0	S	S	2	S
Macon (L)	WTBDYBII	3.3	1.0	1.0	S	S	1	S
IA3024	PLtTDYIbI	2.4	2.0	1.0	R	R	2	S
A04-544030	WLtBIYYI	2.8	1.0	1.0	S	R	0	S
A04-545006	WGBDYIYI	3.4	1.0	1.0	R	R	0	S
A04-545011	P+WTTIYYI	3.0	1.0	2.0	S	S	0	S
A04-545028	PSBDYYI	3.3	1.0	1.0	S	R	0	S
A04-545033	P+WTTDYIYI	2.6	1.0	1.0	S	S	1	S
A04-545045	WGBDYY+BfI	2.4	1.0	1.0	S	S	2	S
A04-642004	WGTDYBfI	2.9	1.0	1.0	S	R	0	S
A04-642005	WGBDYBfI	2.9	3.0	2.0	S	S	0	S
A04-643010	PGBIYBfI	3.1	1.0	1.0	S	R	1	S
A04-643028	WGBDYY+BfI	2.1	1.0	1.0	R	R	0	S
A04-643040	WSBDYYI	2.3	1.0	1.0	R	R	0	S
A04-644035	PGBDYY+BfI	2.9	1.0	1.0	S	S	0	S
A04-644037	PGBDYY+BfI	2.3	1.0	1.0	S	S	0	S
A04-645020	PTBDYY+BrI	3.0	2.0	1.0	S	R	0	S
A04-645031	PGBDYYI	3.4	1.0	1.0	S	S	0	S
K03-2839	WTBDYBrI	3.5	1.0	1.0	S	R	0	S
K03-3582	PGTDYLbI	2.6	1.0	1.0	R	R	0	S
K03-4142	PTBDYBII	2.5	1.0	1.0	R	R	0	S
K03-4146	PTBDYBII	2.4	1.0	1.0	R	R	0	S
K03-4150	PTBDYBII	2.3	1.0	1.0	R	R	0	S
K03-4156	PTBDYBII	2.1	1.0	1.0	R	R	0	S
K03-4157	PTBDYBII	2.4	1.0	1.0	R	R	0	S
LS01-3778	WTBDYBII	2.5	1.0	2.0	R	R	3	S

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

\* = entry/*P. sojae* race reaction questionable.

**PRELIMINARY TEST IIIA, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 10 bu/a	Rank 10 No.	Maturity 10 Date	Lodging 9 Score	Plant Height 9 In.	Seed Size 11 g/100	Seed Quality 6 Score	Composition	
								Protein 5 %	Oil 5 %
IA3023 (III)	66.4	1	9/19	1.5	34	14.5	1.5	37.8	20.9
IA2065	61.4	8	-9.7	1.5	29	14.6	2.3	39.8	22.7
U98-311442 (SCN)	56.3	24	3.8	1.8	35	13.7	1.6	40.0	20.1
Macon (L)	60.4	10	2.8	1.6	36	15.5	1.7	40.4	19.8
IA3024	65.6	2	-4.7	1.5	33	15.1	2.0	38.2	21.5
A04-544030	56.5	21	-8.9	2.4	31	13.7	2.2	40.0	20.9
A04-545006	56.5	21	-9.3	2.7	34	14.2	2.0	39.3	20.8
A04-545011	54.7	27	-7.3	2.7	38	12.6	1.7	37.3	21.8
A04-545028	56.9	20	-6.5	2.1	37	14.2	1.9	38.8	21.9
A04-545033	57.3	19	-6.6	3.1	39	13.8	1.9	37.2	21.6
A04-545045	61.4	8	-4.8	2.3	39	14.6	1.8	39.6	21.1
A04-642004	56.0	25	-4.3	1.7	35	14.3	2.1	40.1	19.8
A04-642005	55.9	26	1.4	1.8	38	15.6	2.3	39.7	19.2
A04-643010	58.6	17	-2.3	1.3	31	15.5	1.5	41.2	19.3
A04-643028	59.4	15	-3.3	1.8	38	17.9	2.2	39.7	21.1
A04-643040	61.9	5	-3.8	2.2	38	15.0	2.1	38.4	21.5
A04-644035	58.4	18	-2.4	2.3	40	14.5	1.8	40.9	20.0
A04-644037	59.2	16	-2.1	2.7	41	12.7	1.8	39.2	20.9
A04-645020	62.0	4	0.6	2.4	37	14.8	1.7	38.9	21.2
A04-645031	61.8	6	0.8	1.5	35	15.9	1.7	40.2	20.2
K03-2839	62.1	3	2.5	2.4	39	14.3	2.0	40.1	19.8
K03-3582	56.4	23	3.6	1.4	36	15.0	1.8	40.9	19.8
K03-4142	59.6	14	1.0	1.5	35	13.8	2.1	38.4	21.6
K03-4146	61.8	6	-0.1	1.5	34	13.8	1.8	37.9	22.3
K03-4150	60.1	11	-0.9	1.3	34	13.4	1.7	38.8	21.6
K03-4156	60.1	11	-0.3	1.4	34	13.6	1.7	39.3	21.3
K03-4157	59.9	13	0.0	1.4	34	13.5	1.7	38.8	21.5
LS01-3778	44.0	28	-9.3	2.1	42	15.8	1.9	42.0	19.3

132.5 Days After Planting

**PRELIMINARY TEST IIIA, 2005**

**YIELD (bu/a)**

Strain	Mean 10 Tests	Ames IA	Carlisle IA	Urbana IL	Butlerville IN	Lafayette IN	Ashland KS
IA3023 (III)	66.4	77.6	88.2	60.7	50.2	54.3	68.2
IA2065	61.4	87.0	75.2	49.7	40.8	52.8	59.7
U98-311442 (SCN)	56.3	69.7	71.3	63.2	46.5	54.9	58.0
Macon (L)	60.4	69.8	73.6	54.9	52.1	50.7	63.1
IA3024	65.6	80.0	88.4	48.2	47.9	54.6	69.9
A04-544030	56.5	78.5	79.9	19.0	39.5	58.8	51.5
A04-545006	56.5	77.8	76.4	31.1	37.3	60.0	58.0
A04-545011	54.7	70.5	76.5	25.4	37.8	61.5	55.3
A04-545028	56.9	77.6	74.6	39.1	42.8	55.1	62.1
A04-545033	57.3	78.5	75.6	45.0	39.3	50.8	56.9
A04-545045	61.4	77.4	82.9	56.9	40.9	63.9	62.4
A04-642004	56.0	68.9	70.4	50.4	37.9	64.8	48.8
A04-642005	55.9	71.5	78.4	46.7	41.1	60.4	56.4
A04-643010	58.6	74.6	74.1	44.2	52.5	50.2	55.6
A04-643028	59.4	71.2	76.7	46.4	49.3	53.6	60.4
A04-643040	61.9	79.8	73.3	57.5	44.5	61.3	62.5
A04-644035	58.4	75.7	69.4	50.4	47.0	51.4	59.1
A04-644037	59.2	83.3	75.2	51.3	42.0	49.2	60.4
A04-645020	62.0	72.1	77.0	58.1	47.5	57.4	63.9
A04-645031	61.8	77.5	78.8	48.4	48.1	62.9	58.6
K03-2839	62.1	70.4	82.2	48.7	60.3	47.3	63.0
K03-3582	56.4	59.1	74.9	48.8	61.0	46.8	57.3
K03-4142	59.6	68.0	75.7	46.0	57.2	51.1	61.9
K03-4146	61.8	77.9	78.5	51.8	54.2	50.6	56.9
K03-4150	60.1	77.2	74.7	57.8	50.0	48.7	61.7
K03-4156	60.1	71.8	84.1	53.4	51.2	55.3	58.9
K03-4157	59.9	79.5	76.0	49.4	45.8	51.3	58.7
LS01-3778	44.0	53.3	51.5	28.4	41.2	45.0	45.3
C.V. (%)		6.3	6.1	8.5	10.9	8.2	5.2
L.S.D. (5%)		9.6	9.5	6.9	10.4	9.1	6.2
Row Sp. (In.)		27	27	30	26	24	30
Rows/Plot		4	4	4	4	4	4
Reps		2	2	2	2	2	2

\*Data not included in mean.

**PRELIMINARY TEST IIIA, 2005**

**YIELD (bu/a)**

Strain	Dewitt NE	Goehner* NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)	97.8	66.2	46.7	56.8	63.9
IA2065	99.6	44.6	42.2	54.4	52.7
U98-311442 (SCN)	53.4	70.9	42.3	40.0	63.3
Macon (L)	88.7	44.6	38.1	48.6	64.3
IA3024	98.8	49.7	44.8	61.2	62.7
A04-544030	81.4	45.3	42.2	51.4	62.9
A04-545006	82.8	54.5	45.2	50.5	45.8
A04-545011	77.8	56.2	42.2	45.3	55.0
A04-545028	75.1	54.9	36.2	54.5	52.3
A04-545033	75.0	44.8	40.0	49.0	62.8
A04-545045	81.9	63.3	43.6	47.6	56.2
A04-642004	81.0	65.9	35.7	47.8	54.3
A04-642005	73.6	66.6	36.0	45.5	49.9
A04-643010	79.9	50.4	45.3	42.7	67.5
A04-643028	87.4	53.9	48.7	50.9	49.3
A04-643040	85.0	46.0	43.8	50.1	61.6
A04-644035	86.5	63.6	42.5	44.6	57.9
A04-644037	88.9	66.5	41.7	44.7	55.1
A04-645020	78.9	70.0	41.5	56.8	66.9
A04-645031	89.2	66.2	40.8	50.9	63.1
K03-2839	84.8	61.2	40.3	49.4	75.0
K03-3582	78.5	62.4	33.0	47.4	57.1
K03-4142	90.5	61.7	42.3	47.8	55.3
K03-4146	79.6	65.3	55.0	52.6	61.5
K03-4150	81.6	47.7	42.3	51.7	55.3
K03-4156	80.8	49.9	38.9	51.4	54.9
K03-4157	85.3	63.0	40.0	52.4	60.5
LS01-3778	60.4	45.8	39.8	32.9	42.5
C.V. (%)	11.3	18.4	12.3	6.2	10.7
L.S.D. (5%)	19.9	21.5	10.5	6.2	12.9
Row Sp. (In.)	30	30	30	7.5	15
Rows/Plot	4	4	4	6	6
Reps	2	2	2	2	2

**PRELIMINARY TEST IIIA, 2005**

**YIELD RANK**

---

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Butlerville IN	Lafayette IN	Ashland KS
IA3023 (III)	1	10	2	2	8	14	2
IA2065	8	1	17	13	23	16	13
U98-311442 (SCN)	24	24	25	1	15	12	18
Macon (L)	10	23	23	7	6	21	4
IA3024	2	3	1	18	12	13	1
A04-544030	21	6	6	28	24	8	26
A04-545006	21	9	13	25	28	7	18
A04-545011	27	21	12	27	27	4	25
A04-545028	20	10	21	24	18	11	8
A04-545033	19	6	16	22	25	20	21
A04-545045	8	13	4	6	22	2	7
A04-642004	25	25	26	11	26	1	27
A04-642005	26	19	9	19	21	6	23
A04-643010	17	16	22	23	5	23	24
A04-643028	15	20	11	20	10	15	11
A04-643040	5	4	24	5	17	5	6
A04-644035	18	15	27	11	14	17	14
A04-644037	16	2	17	10	19	24	12
A04-645020	4	17	10	3	13	9	3
A04-645031	6	12	7	17	11	3	17
K03-2839	3	22	5	16	2	26	5
K03-3582	23	27	19	15	1	27	20
K03-4142	14	26	15	21	3	19	9
K03-4146	6	8	8	9	4	22	22
K03-4150	11	14	20	4	9	25	10
K03-4156	11	18	3	8	7	10	15
K03-4157	13	5	14	14	16	18	16
LS01-3778	28	28	28	26	20	28	28

---

PRELIMINARY TEST IIIA, 2005

YIELD RANK

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)	3	5	3	2	5
IA2065	1	27	13	5	23
U98-311442 (SCN)	28	1	10	27	6
Macon (L)	7	27	24	17	4
IA3024	2	21	6	1	10
A04-544030	16	25	13	9	8
A04-545006	13	17	5	13	27
A04-545011	23	15	13	23	20
A04-545028	24	16	25	4	24
A04-545033	25	26	20	16	9
A04-545045	14	10	8	20	16
A04-642004	17	7	27	19	22
A04-642005	26	3	26	22	25
A04-643010	19	19	4	26	2
A04-643028	8	18	2	12	26
A04-643040	11	23	7	14	11
A04-644035	9	9	9	25	14
A04-644037	6	4	16	24	19
A04-645020	21	2	17	3	3
A04-645031	5	5	18	11	7
K03-2839	12	14	19	15	1
K03-3582	22	12	28	21	15
K03-4142	4	13	12	18	17
K03-4146	20	8	1	6	12
K03-4150	15	22	10	8	17
K03-4156	18	20	23	10	21
K03-4157	10	11	20	7	13
LS01-3778	27	24	22	28	28

PRELIMINARY TEST IIIA, 2005

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	9/19	9/24	9/17	9/12	9/24	9/13	9/27
IA2065	-9.7	-10	-12	-5	-11	-7	-5
U98-311442 (SCN)	3.8	6	5	6	1	5	1
Macon (L)	2.8	5	2	4	3	4	2
IA3024	-4.7	-4	-5	-3	-7	-6	-3
A04-544030	-8.9	-11	-10	-7	-10	-9	-10
A04-545006	-9.3	-8	-8	-6	-15	-9	-11
A04-545011	-7.3	-7	-8	-5	-14	-8	-4
A04-545028	-6.5	-5	-6	-4	-10	-9	-3
A04-545033	-6.6	-5	-7	-7	-7	-9	-4
A04-545045	-4.8	-3	-4	-4	-9	-6	-4
A04-642004	-4.3	-4	-3	-4	-9	-6	-3
A04-642005	1.4	3	3	1	-3	5	0
A04-643010	-2.3	-1	-1	-4	-4	-3	-2
A04-643028	-3.3	-2	-1	0	-5	-5	-2
A04-643040	-3.8	-2	-1	-2	-8	-6	-3
A04-644035	-2.4	-2	-2	-4	-2	-4	-4
A04-644037	-2.1	2	0	-3	-3	-7	-4
A04-645020	0.6	0	2	0	-4	2	1
A04-645031	0.8	2	1	-1	-1	2	1
K03-2839	2.5	7	5	1	4	2	1
K03-3582	3.6	5	5	5	5	6	1
K03-4142	1.0	2	3	1	0	0	-1
K03-4146	-0.1	-1	2	1	-1	-1	-1
K03-4150	-0.9	-1	0	2	-4	-2	0
K03-4156	-0.3	-1	2	2	-4	-1	2
K03-4157	0.0	-2	1	1	-4	0	0
LS01-3778	-9.3	-10	-11	-4	-11	-6	-10
Date Planted	5/10	5/2	5/3	5/5	5/11	5/7	5/23
Days to Mature	133	145	137	130	136	129	127



**PRELIMINARY TEST IIIA, 2005**

**MATURITY (date)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)		9/18	9/25	9/19	9/20
IA2065		-11	-10	-13	-14
U98-311442 (SCN)		5	7	0	3
Macon (L)		-1	3	4	3
IA3024		-3	-5	-6	-7
A04-544030		-7	-5	-10	-11
A04-545006		-6	-8	-9	-14
A04-545011		-6	-8	-4	-9
A04-545028		-6	-5	-8	-11
A04-545033		-9	-4	-6	-8
A04-545045		-3	-5	-3	-9
A04-642004		0	-1	-6	-8
A04-642005		3	1	-1	1
A04-643010		-4	0	-1	-3
A04-643028		-6	-5	-2	-5
A04-643040		-5	-2	-3	-6
A04-644035		-2	-2	-1	-2
A04-644037		-1	-3	-1	-3
A04-645020		4	2	0	-1
A04-645031		3	1	-1	1
K03-2839		1	-1	2	4
K03-3582		3	3	2	2
K03-4142		2	1	1	2
K03-4146		1	0	0	-1
K03-4150		-4	-1	-1	1
K03-4156		-2	-1	1	-1
K03-4157		3	0	-1	2
LS01-3778		-11	-10	-10	-12
Date Planted		5/19	5/24	5/6	5/4
Days to Mature		122	124	136	139

PRELIMINARY TEST IIIA, 2005

LODGING (score)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	1.5	2.3	2.0	1.0	1.0	1.0	1.0
IA2065	1.5	3.0	1.5	1.0	1.8	1.3	1.0
U98-311442 (SCN)	1.8	2.3	2.3	2.0	2.0	1.8	1.0
Macon (L)	1.6	3.0	2.0	1.0	1.5	1.0	1.0
IA3024	1.5	2.5	1.8	1.0	1.5	1.0	1.5
A04-544030	2.4	3.0	3.0	1.0	4.3	3.5	1.0
A04-545006	2.7	3.8	3.0	2.0	3.3	3.0	3.5
A04-545011	2.7	4.0	2.8	2.0	3.5	2.5	3.0
A04-545028	2.1	3.0	2.5	1.0	3.5	1.8	1.5
A04-545033	3.1	4.3	3.8	2.0	3.8	3.5	3.5
A04-545045	2.3	3.5	2.5	2.0	2.5	1.8	3.0
A04-642004	1.7	2.8	2.0	1.0	1.5	1.5	1.5
A04-642005	1.8	2.8	2.0	2.0	1.5	1.3	1.5
A04-643010	1.3	1.5	1.3	1.0	1.0	1.0	1.0
A04-643028	1.8	3.0	2.0	1.0	2.8	1.5	1.0
A04-643040	2.2	3.3	2.8	1.0	2.5	2.0	2.0
A04-644035	2.3	3.5	3.0	2.0	3.0	2.0	1.5
A04-644037	2.7	4.0	4.3	2.0	3.3	2.3	3.0
A04-645020	2.4	3.5	2.5	2.0	3.0	2.5	2.0
A04-645031	1.5	3.0	2.0	1.0	1.8	1.0	1.0
K03-2839	2.4	4.0	3.0	2.0	2.8	2.0	2.0
K03-3582	1.4	1.8	2.0	1.0	1.3	1.0	1.0
K03-4142	1.5	2.5	1.8	1.0	1.3	1.0	1.0
K03-4146	1.5	2.8	1.8	1.0	1.3	1.0	1.0
K03-4150	1.3	2.0	1.5	1.0	1.3	1.0	1.0
K03-4156	1.4	2.0	1.8	1.0	1.0	1.0	1.0
K03-4157	1.4	2.3	1.8	1.0	1.0	1.0	1.0
LS01-3778	2.1	2.8	2.5	2.0	2.3	1.5	2.5

**PRELIMINARY TEST IIIA, 2005**

**LODGING (score)**

---

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)		2.0		1.6	1.4
IA2065		1.0		1.2	1.4
U98-311442 (SCN)		2.0		1.5	1.5
Macon (L)		2.0		1.3	1.6
IA3024		1.5		1.4	1.5
A04-544030		2.0		1.4	2.4
A04-545006		2.0		1.7	2.1
A04-545011		2.0		1.9	2.5
A04-545028		2.0		1.8	1.8
A04-545033		2.0		2.1	2.9
A04-545045		2.0		1.7	1.9
A04-642004		2.0		1.8	1.4
A04-642005		2.0		1.7	1.4
A04-643010		2.0		1.2	1.3
A04-643028		2.0		1.4	1.4
A04-643040		2.0		2.0	2.5
A04-644035		2.0		1.8	1.8
A04-644037		2.0		1.8	2.0
A04-645020		2.0		1.5	2.2
A04-645031		1.5		1.3	1.3
K03-2839		2.0		1.6	2.6
K03-3582		2.0		1.3	1.3
K03-4142		2.0		1.2	1.3
K03-4146		2.0		1.3	1.3
K03-4150		1.5		1.3	1.2
K03-4156		2.0		1.3	1.3
K03-4157		2.0		1.2	1.3
LS01-3778		2.0		1.9	1.6

---

**PRELIMINARY TEST IIIA, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Butlerville IN	Lafayette IN	Ashland KS
IA3023 (III)	34	40	38	34	27	35	34
IA2065	29	33	33	30	25	29	32
U98-311442 (SCN)	35	41	39	35	29	38	36
Macon (L)	36	42	43	34	32	38	34
IA3024	33	39	35	30	29	36	40
A04-544030	31	35	36	29	25	30	31
A04-545006	34	40	42	31	28	36	35
A04-545011	38	44	42	32	34	39	43
A04-545028	37	43	41	35	32	37	41
A04-545033	39	44	46	36	33	39	44
A04-545045	39	44	46	37	33	40	41
A04-642004	35	37	38	32	29	38	42
A04-642005	38	46	44	33	34	43	37
A04-643010	31	40	36	27	25	34	31
A04-643028	38	42	42	35	33	42	40
A04-643040	38	46	43	34	33	39	40
A04-644035	40	49	45	36	34	41	40
A04-644037	41	47	48	37	35	43	45
A04-645020	37	41	43	33	31	37	37
A04-645031	35	41	41	32	30	38	33
K03-2839	39	49	45	33	34	41	38
K03-3582	36	36	43	35	34	39	37
K03-4142	35	42	40	30	32	36	37
K03-4146	34	36	38	33	30	36	31
K03-4150	34	41	39	31	30	36	33
K03-4156	34	40	39	31	31	36	36
K03-4157	34	40	40	30	29	34	36
LS01-3778	42	46	47	38	33	47	42

**PRELIMINARY TEST IIIA, 2005**

**PLANT HEIGHT (inches)**

---

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)		27		36	32
IA2065		21		31	28
U98-311442 (SCN)		32		36	33
Macon (L)		25		38	35
IA3024		24		35	32
A04-544030		26		33	32
A04-545006		28		35	32
A04-545011		33		38	41
A04-545028		30		36	35
A04-545033		28		44	40
A04-545045		29		41	39
A04-642004		28		37	32
A04-642005		31		42	36
A04-643010		26		32	32
A04-643028		31		39	35
A04-643040		28		40	39
A04-644035		32		41	41
A04-644037		33		42	39
A04-645020		31		39	37
A04-645031		28		36	32
K03-2839		28		38	43
K03-3582		28		38	33
K03-4142		27		35	34
K03-4146		27		39	33
K03-4150		27		35	34
K03-4156		25		36	35
K03-4157		27		38	32
LS01-3778		36		43	43

---

**PRELIMINARY TEST IIIA, 2005**

**SEED SIZE (g/100)**

Strain	Mean 11 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	14.5	15.6	14.4	13.6	14.5	14.7	14.9
IA2065	14.6	16.0	14.3	14.1	15.2	16.4	15.9
U98-311442 (SCN)	13.7	14.7	13.5	13.3	13.6	11.6	17.5
Macon (L)	15.5	17.1	15.6	16.3	14.5	14.8	14.9
IA3024	15.1	16.5	15.7	14.8	14.8	16.1	13.9
A04-544030	13.7	14.7	13.9	10.2	13.5	14.8	16.8
A04-545006	14.2	15.0	14.2	12.5	13.1	16.1	17.0
A04-545011	12.6	13.9	12.5	11.7	11.8	14.5	14.0
A04-545028	14.2	15.8	14.6	13.2	13.2	15.5	14.4
A04-545033	13.8	15.4	14.1	12.6	13.3	15.6	16.8
A04-545045	14.6	16.0	14.7	13.7	13.9	16.1	15.6
A04-642004	14.3	15.4	14.1	13.8	13.3	15.7	14.2
A04-642005	15.6	17.9	16.1	16.2	15.4	15.1	15.2
A04-643010	15.5	17.1	15.3	14.8	15.9	16.0	16.2
A04-643028	17.9	19.8	18.0	17.0	18.3	19.1	18.0
A04-643040	15.0	14.1	15.6	14.3	14.9	17.5	14.4
A04-644035	14.5	15.4	13.8	13.6	13.5	14.1	16.0
A04-644037	12.7	14.5	13.0	11.9	12.7	11.1	14.8
A04-645020	14.8	16.5	15.4	14.7	13.8	13.2	16.2
A04-645031	15.9	19.6	17.3	16.5	16.2	19.0	0.0
K03-2839	14.3	15.5	14.3	13.8	14.6	13.3	15.7
K03-3582	15.0	16.7	15.3	14.8	14.7	14.5	17.8
K03-4142	13.8	15.5	14.1	12.2	13.0	13.2	16.1
K03-4146	13.8	15.2	14.2	12.2	12.1	13.3	16.3
K03-4150	13.4	14.8	13.7	13.2	12.2	12.5	15.9
K03-4156	13.6	15.0	13.8	13.0	11.9	13.2	17.0
K03-4157	13.5	14.6	14.3	11.8	12.2	12.4	16.0
LS01-3778	15.8	17.4	15.7	15.1	16.4	16.8	15.8

**PRELIMINARY TEST IIIA, 2005**

**SEED SIZE (g/100)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)	16.7	16.2	13.0	11.5	14.7
IA2065	16.4	15.3	12.4	11.2	13.0
U98-311442 (SCN)	14.5	14.5	13.0	10.0	15.0
Macon (L)	17.1	17.6	13.5	12.3	16.7
IA3024	17.0	17.1	13.7	12.1	14.8
A04-544030	14.4	15.3	12.4	10.6	13.9
A04-545006	15.4	16.5	13.1	10.6	13.1
A04-545011	13.7	12.4	11.2	10.4	12.6
A04-545028	16.3	16.2	12.6	11.5	13.3
A04-545033	14.5	12.8	12.2	10.7	13.5
A04-545045	15.6	16.1	13.0	11.6	14.8
A04-642004	15.8	16.8	13.3	10.9	14.2
A04-642005	15.5	18.0	14.9	12.1	15.6
A04-643010	16.5	16.0	13.4	11.7	17.4
A04-643028	19.3	19.5	16.5	13.6	17.8
A04-643040	16.2	15.6	15.0	11.9	15.6
A04-644035	16.7	17.6	13.4	10.6	14.6
A04-644037	14.4	14.4	10.7	10.1	12.1
A04-645020	16.2	16.4	13.8	11.6	15.2
A04-645031	19.2	19.3	15.9	13.6	18.3
K03-2839	16.7	15.5	12.8	10.3	15.0
K03-3582	15.6	14.8	13.5	11.7	15.7
K03-4142	15.8	14.8	12.0	10.8	14.0
K03-4146	15.2	15.6	12.9	11.2	13.7
K03-4150	14.6	13.9	12.2	10.5	14.2
K03-4156	14.7	15.2	12.0	10.6	13.2
K03-4157	14.7	15.9	11.8	10.5	14.0
LS01-3778	16.1	15.5	15.3	13.0	16.4

**PRELIMINARY TEST IIIA, 2005**

**SEED QUALITY (score)**

Strain	Mean 6 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	1.5			1.0	1.0	1.5	3.0
IA2065	2.3			4.0	1.5	2.0	3.0
U98-311442 (SCN)	1.6			1.0	1.5	1.0	3.0
Macon (L)	1.7			2.0	1.0	1.5	3.0
IA3024	2.0			3.0	1.5	2.0	2.0
A04-544030	2.2			4.0	1.5	2.5	2.0
A04-545006	2.0			3.0	1.5	2.0	2.0
A04-545011	1.7			3.0	1.0	1.5	2.0
A04-545028	1.9			2.0	1.5	2.0	3.0
A04-545033	1.9			2.0	1.5	2.5	2.0
A04-545045	1.8			3.0	1.5	1.5	2.0
A04-642004	2.1			3.0	1.5	1.5	3.0
A04-642005	2.3			3.0	1.5	2.0	3.0
A04-643010	1.5			2.0	1.0	1.0	2.0
A04-643028	2.2			3.0	1.5	3.0	2.0
A04-643040	2.1			3.0	1.0	1.5	4.0
A04-644035	1.8			2.0	1.0	2.0	2.0
A04-644037	1.8			2.0	1.0	1.5	2.0
A04-645020	1.7			2.0	1.0	2.0	2.0
A04-645031	1.7			3.0	1.5	2.0	0.0
K03-2839	2.0			3.0	1.0	1.0	3.0
K03-3582	1.8			2.0	1.0	1.5	3.0
K03-4142	2.1			3.0	1.5	1.5	3.0
K03-4146	1.8			2.0	1.0	2.0	2.0
K03-4150	1.7			2.0	1.0	1.5	2.0
K03-4156	1.7			2.0	1.0	2.0	2.0
K03-4157	1.7			2.0	1.0	1.5	2.0
LS01-3778	1.9			4.0	1.0	1.5	2.0



**PRELIMINARY TEST IIIA, 2005**

**SEED QUALITY (score)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)				1.4	1.2
IA2065				1.5	1.8
U98-311442 (SCN)				1.5	1.8
Macon (L)				1.6	1.3
IA3024				1.4	1.9
A04-544030				1.4	1.5
A04-545006				1.4	1.8
A04-545011				1.4	1.4
A04-545028				1.4	1.4
A04-545033				1.4	2.0
A04-545045				1.4	1.6
A04-642004				1.9	1.4
A04-642005				1.5	3.0
A04-643010				1.7	1.4
A04-643028				1.4	2.1
A04-643040				1.5	1.4
A04-644035				2.2	1.7
A04-644037				2.3	1.7
A04-645020				1.6	1.3
A04-645031				1.9	1.8
K03-2839				2.4	1.4
K03-3582				1.6	1.7
K03-4142				1.6	2.0
K03-4146				1.5	2.0
K03-4150				1.6	1.8
K03-4156				1.6	1.8
K03-4157				1.4	2.0
LS01-3778				1.4	1.4

**PRELIMINARY TEST IIIA, 2005**

**PROTEIN (%)**

Strain	Mean 5 Tests	Ames IA	Urbana IL	Lafayette IN	Butlerville IN	So. Charleston OH
IA3023 (III)	37.8	37.4	37.1	38.6	38.5	37.7
IA2065	39.8	38.9	39.2	40.8	40.9	39.0
U98-311442 (SCN)	40.0	40.2	40.2	40.3	39.8	39.4
Macon (L)	40.4	41.1	40.9	41.4	38.8	39.9
IA3024	38.2	37.3	36.2	40.3	39.5	37.8
A04-544030	40.0	39.4	39.3	42.1	40.2	39.2
A04-545006	39.3	38.7	39.0	39.9	38.2	40.5
A04-545011	37.3	36.8	36.2	40.0	37.5	35.8
A04-545028	38.8	37.4	39.3	41.0	38.3	38.0
A04-545033	37.2	37.4	36.9	39.7	34.4	37.5
A04-545045	39.6	39.1	38.7	41.5	38.9	39.7
A04-642004	40.1	40.8	39.7	40.9	40.1	39.2
A04-642005	39.7	40.8	39.3	41.1	39.4	37.8
A04-643010	41.2	40.3	41.2	42.1	41.9	40.6
A04-643028	39.7	40.0	38.8	41.9	39.0	39.0
A04-643040	38.4	38.0	38.4	41.1	35.7	38.8
A04-644035	40.9	40.4	39.7	43.6	40.5	40.4
A04-644037	39.2	38.2	38.9	41.5	39.3	38.0
A04-645020	38.9	37.4	39.2	40.7	39.3	38.0
A04-645031	40.2	40.0	41.1	41.9	39.7	38.4
K03-2839	40.1	39.8	39.2	42.7	41.0	37.8
K03-3582	40.9	41.0	41.5	41.7	40.7	39.6
K03-4142	38.4	38.3	39.2	40.1	37.6	36.9
K03-4146	37.9	38.6	38.7	39.6	36.9	35.7
K03-4150	38.8	37.3	39.9	40.7	37.9	38.0
K03-4156	39.3	39.4	39.0	42.0	37.9	38.3
K03-4157	38.8	38.5	39.2	41.3	37.2	38.0
LS01-3778	42.0	40.9	40.6	44.3	42.3	41.6

**PRELIMINARY TEST IIIA, 2005**

**OIL (%)**

Strain	Mean 5 Tests	Ames IA	Urbana IL	Lafayette IN	Butlerville IN	So. Charleston OH
IA3023 (III)	20.9	20.3	22.0	20.2	21.5	20.5
IA2065	22.7	22.6	24.5	20.6	23.0	23.0
U98-311442 (SCN)	20.1	19.2	20.8	19.6	20.6	20.4
Macon (L)	19.8	18.8	20.1	19.7	19.7	20.5
IA3024	21.5	20.6	23.7	21.0	20.4	21.6
A04-544030	20.9	20.1	22.4	21.0	20.1	20.8
A04-545006	20.8	20.2	21.6	20.7	21.7	19.9
A04-545011	21.8	21.1	23.0	20.6	22.2	22.1
A04-545028	21.9	20.8	22.7	21.3	22.8	21.7
A04-545033	21.6	20.0	22.7	20.6	23.2	21.4
A04-545045	21.1	20.2	22.3	20.3	21.8	21.1
A04-642004	19.8	19.3	20.5	19.1	19.8	20.1
A04-642005	19.2	18.4	19.6	18.2	19.9	19.9
A04-643010	19.3	18.8	20.0	18.6	19.7	19.4
A04-643028	21.1	19.7	22.0	20.6	22.1	21.4
A04-643040	21.5	20.9	22.5	20.6	23.1	20.2
A04-644035	20.0	19.5	21.2	18.8	20.6	19.9
A04-644037	20.9	19.9	22.1	20.0	21.2	20.9
A04-645020	21.2	20.7	21.7	20.3	21.8	21.3
A04-645031	20.2	19.3	20.9	19.9	20.9	20.1
K03-2839	19.8	19.3	20.6	18.9	19.9	20.2
K03-3582	19.8	19.5	20.0	19.2	19.3	21.2
K03-4142	21.6	20.7	22.3	20.7	22.1	22.0
K03-4146	22.3	20.5	23.4	21.8	22.9	22.8
K03-4150	21.6	21.1	21.9	21.0	22.0	21.9
K03-4156	21.3	20.1	22.3	20.4	22.3	21.6
K03-4157	21.5	20.9	22.1	19.9	23.0	21.5
LS01-3778	19.3	19.2	20.1	18.9	19.3	19.1

**Preliminary Test IIIB, 2005**

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	F5	
2.	IA2065			2% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	F5	SCN
4.	Macon (L)	Sherman x Resnik	F5	
5.	HFPR-3	Kottman(4) x (PI 399.073 x S19-90)	BC3F3	Rps8
6.	HFPR-4	Kottman(4) x (PI 399.073 x S19-90)	BC3F3	Rps8
7.	HFPR-5	Kottman(4) x (PI 399.073 x S19-90)	BC3F3	Rps8
8.	HF03-412	General x U96-3106	F5	
9.	HS2-4225	HS96-7942 x (HS94-9053 x Kottman)	F5	
10.	HS2-4240	Kottman x (HS94-9053 x Kottman)	F5	
11.	HS2-4361	Kottman x (HS94-9053 x Kottman)	F5	
12.	HS2-4367	Kottman x (HS94-9053 x Kottman)	F5	
13.	HS3-2481	HS96-3347 x Kottman	F5	
14.	HS3-2523	HS97-5261 x Kottman	F5	
15.	HS3-2829	U97-3114 x HS98-3628	F5	
16.	HS3-2840	U97-3114 x HS98-3628	F5	
17.	LD02-5137	IA3014 x Loda	F5	SCN
18.	LG01-4758	Macon x PI 438.205	F5	
19.	U02-210123	UP3YC1S3	F5	
20.	U02-210318	UP3YC1S3	F5	
21.	U02-210455	UP3YC1S3	F5	
22.	U02-300437	NE3202 x Jilin 35	F5	
23.	U02-300452	NE3202 x Jilin 35	F5	
24.	U02-300455	NE3202 x Jilin 35	F5	
25.	U02-300463	NE3202 x Jilin 35	F5	
26.	U02-341439	NE3001 x Pioneer93B82	F5	
27.	U02-341446	NE3001 x Pioneer93B82	F5	Determinate
28.	U02-341563	NE3001 x Pioneer93B82	F5	

**PRELIMINARY TEST IIIB, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		PS	FE
		Score	Score	Score	Lafayette		Lafayette	
		Humboldt IA	Lafayette IN	Ashland KS	Race 4	Race 7	a %	a
IA3023 (III)	WLtTDYBII	3.0	1.0	1.0	S	S	2	S
IA2065	PTBDYBII	2.1	2.0	1.0	R	R	2	S
U98-311442 (SCN)	PGTDYIbII	2.9	1.0	1.0	S	S	2	S
Macon (L)	WTBDYBII	3.3	1.0	1.0	S	S	1	S
HFPR-3	WLtTDYBII	2.8	1.0	1.0	R	R	0	S
HFPR-4	WLtTDYBII	3.1	1.0	1.0	R	R	0	S
HFPR-5	WLtTDYBII	3.1	1.0	1.0	R	R	0	S
HF03-412	PLtGTDYBII	2.4	1.0	1.0	R	R	0	S
HS2-4225	WLtBDYBII	2.6	1.0	1.0	R	R	0	S
HS2-4240	P+WLtTDYBII	2.6	1.0	1.0	R	R	0	S
HS2-4361	PLtBDYBII	2.8	1.0	1.0	R	R	0	S
HS2-4367	PLtBDYBII	2.9	1.0	1.0	R	R	0	S
HS3-2481	PSBDYBr+Lbfl	2.8	1.0	1.0	R	R	0	S
HS3-2523	WGTDYBfl	2.5	1.0	1.0	R	R	0	S
HS3-2829	PGTSYIbI	2.8	1.0	2.0	R	R	0	
HS3-2840	PGTIYIbII	3.0	1.0	1.0	R	R	0	S
LD02-5137	PGTDYIbII	2.9	1.0	1.0	S	S	13	S
LG01-4758	WTBDYBII	3.5	1.0	1.0	S	S	8	S
U02-210123	WSBSYBI+Bfl	3.3	1.0	1.0	S	S	3	S
U02-210318	PGBIYIbII	2.5	1.0	1.0	S	S	7	S
U02-210455	WLtSSYBII	2.5	1.0	1.0	S	S	11	S
U02-300437	PGBDYGrI	2.9	1.0	2.0	R	R	4	S
U02-300452	PGBDYLgrI	2.6	1.0	1.0	R	R	4	
U02-300455	PSBDYBI+GrI	3.1	1.0	1.0	R	R	7	S
U02-300463	PSBDYLgrI	2.5	1.0	2.0	R	R	5	
U02-341439	WTBDYBID	3.4	1.0	1.0	R	R	0	
U02-341446	PGBIYIbD	3.1	1.0	1.0	R	R	0	
U02-341563	PLtTDYBrI	3.4	1.0	1.0	S	S	0	S

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

\* = entry/*P. sojae* race reaction questionable.

**PRELIMINARY TEST IIIB, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 11 bu/a	Rank 11 No.	Maturity 10 Date	Lodging 9 Score	Plant Height 9 In.	Seed Size 11 g/100	Seed Quality 6 Score	Composition	
								Protein 5 %	Oil 5 %
IA3023 (III)	65.1	1	9/20	1.6	33	14.7	1.5	38.5	21.1
IA2065	59.3	19	-9.8	1.4	30	14.8	2.4	39.0	23.2
U98-311442 (SCN)	59.6	17	3.4	1.6	35	14.1	2.0	39.9	20.1
Macon (L)	62.4	9	3.3	1.7	36	15.9	1.7	39.9	20.5
HFPR-3	59.0	22	1.6	1.6	37	15.8	1.5	41.3	20.2
HFPR-4	60.3	15	1.4	1.5	36	15.5	1.5	41.7	20.2
HFPR-5	58.5	24	2.2	1.5	36	15.5	1.5	41.4	20.1
HF03-412	57.8	25	0.3	1.9	37	14.9	1.5	40.3	20.1
HS2-4225	60.1	16	-3.9	1.6	33	16.2	2.0	40.5	20.5
HS2-4240	57.0	27	-6.7	1.4	31	15.7	2.0	40.6	20.7
HS2-4361	59.3	19	-0.3	1.4	35	14.8	1.6	41.9	19.8
HS2-4367	59.2	21	-1.5	1.4	34	14.9	1.3	41.0	19.5
HS3-2481	57.6	26	0.4	1.4	33	15.5	1.7	39.8	21.0
HS3-2523	61.9	11	0.8	1.4	37	14.9	1.7	40.0	19.9
HS3-2829	62.9	4	4.7	2.4	37	15.8	2.0	41.4	20.8
HS3-2840	63.5	3	3.5	2.2	39	16.4	2.2	40.8	21.3
LD02-5137	55.8	28	-4.0	1.7	35	15.0	1.8	38.1	21.0
LG01-4758	61.3	14	3.1	1.6	37	15.9	1.3	39.0	21.1
U02-210123	64.0	2	-3.2	2.0	37	14.0	2.0	38.0	20.8
U02-210318	62.9	4	-3.4	1.7	34	15.1	1.7	39.8	20.4
U02-210455	58.9	23	-2.3	1.7	38	15.7	1.7	40.9	19.4
U02-300437	62.8	6	-3.5	1.8	36	16.2	1.9	38.5	21.6
U02-300452	59.4	18	-3.3	1.8	36	15.9	1.9	38.7	21.2
U02-300455	61.8	12	-3.4	1.9	36	15.9	1.9	38.8	21.7
U02-300463	62.8	6	-3.4	2.0	36	15.8	1.7	39.3	21.3
U02-341439	62.6	8	-3.1	1.5	28	14.4	1.7	39.2	21.2
U02-341446	62.4	9	-4.5	1.4	29	16.2	2.6	38.9	21.7
U02-341563	61.5	13	-0.7	1.4	31	14.8	1.6	42.0	20.1

133.0 Days After Planting

**PRELIMINARY TEST IIIB, 2005**

**YIELD (bu/a)**

Strain	Mean 11 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	65.1	77.6	88.2	52.0	47.5	63.3	68.2
IA2065	59.3	87.0	75.2	44.1	44.5	58.5	59.7
U98-311442 (SCN)	59.6	69.7	71.3	58.5	48.8	61.8	58.0
Macon (L)	62.4	69.8	73.6	53.3	52.1	60.5	63.1
HFPR-3	59.0	72.9	73.9	50.2	52.3	55.7	55.4
HFPR-4	60.3	74.7	79.3	42.6	54.1	53.3	60.0
HFPR-5	58.5	73.6	72.4	43.9	51.5	52.0	50.9
HF03-412	57.8	74.0	72.8	50.2	45.5	50.9	60.7
HS2-4225	60.1	78.9	76.2	48.4	39.2	54.3	59.7
HS2-4240	57.0	66.9	75.7	43.8	43.6	54.0	53.3
HS2-4361	59.3	74.2	72.4	47.5	47.8	54.9	56.9
HS2-4367	59.2	74.1	72.2	43.9	49.6	58.6	54.9
HS3-2481	57.6	76.6	75.0	45.5	49.6	51.5	56.1
HS3-2523	61.9	74.3	78.1	48.4	51.3	55.3	58.2
HS3-2829	62.9	74.0	73.7	54.9	52.3	51.6	62.2
HS3-2840	63.5	68.2	83.3	54.7	50.3	57.0	63.8
LD02-5137	55.8	60.3	73.4	52.5	41.1	64.3	53.7
LG01-4758	61.3	81.3	77.3	50.1	48.6	55.5	58.6
U02-210123	64.0	81.4	81.1	49.6	47.5	63.6	60.3
U02-210318	62.9	78.9	80.0	51.6	50.1	57.3	62.2
U02-210455	58.9	76.4	79.0	48.8	44.2	55.8	56.3
U02-300437	62.8	80.5	81.4	39.0	48.7	56.3	64.7
U02-300452	59.4	80.1	77.1	38.5	46.4	53.8	67.7
U02-300455	61.8	72.4	76.0	40.3	45.8	52.3	64.5
U02-300463	62.8	72.3	77.4	45.3	39.9	55.6	64.0
U02-341439	62.6	72.7	86.7	48.9	38.8	60.5	63.1
U02-341446	62.4	80.2	83.7	48.6	40.0	65.4	57.4
U02-341563	61.5	76.9	79.1	50.8	47.1	59.2	67.0
C.V. (%)		7.2	5.2	7.9	9.0	5.2	5.2
L.S.D. (5%)		11.1	8.3	6.4	8.7	6.0	6.2
Row Sp. (In.)		27	27	30	26	24	30
Rows/Plot		4	4	4	4	4	4
Reps		2	2	2	2	2	2

**PRELIMINARY TEST IIIB, 2005**

**YIELD (bu/a)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)	75.6	77.2	44.7	58.2	63.9
IA2065	78.0	55.2	45.5	51.5	52.7
U98-311442 (SCN)	61.7	72.5	41.0	48.9	63.3
Macon (L)	87.1	69.5	45.3	48.2	64.3
HFPR-3	70.3	64.5	38.2	51.7	63.8
HFPR-4	82.6	64.7	40.0	54.9	57.3
HFPR-5	75.2	68.1	43.5	49.6	63.1
HF03-412	72.5	68.5	38.8	47.0	54.4
HS2-4225	79.1	67.4	45.1	55.0	57.8
HS2-4240	78.2	59.3	43.1	51.9	57.1
HS2-4361	77.8	65.8	35.6	53.0	66.1
HS2-4367	77.3	61.3	40.1	48.7	70.0
HS3-2481	67.6	67.1	33.8	51.2	60.0
HS3-2523	81.5	63.5	37.1	58.6	74.5
HS3-2829	71.3	84.5	47.6	51.8	67.9
HS3-2840	79.4	80.9	49.5	52.4	59.6
LD02-5137	68.9	57.9	40.8	49.1	52.4
LG01-4758	78.7	63.1	46.4	48.2	67.0
U02-210123	81.5	70.9	49.4	55.5	63.3
U02-210318	82.4	68.5	45.3	52.2	63.9
U02-210455	70.4	66.3	44.4	47.6	58.2
U02-300437	89.4	71.7	52.4	52.6	54.6
U02-300452	71.9	69.4	45.1	48.5	54.8
U02-300455	96.3	66.5	51.7	53.5	60.7
U02-300463	82.8	74.7	56.0	59.1	63.8
U02-341439	83.0	65.0	43.0	55.0	71.7
U02-341446	86.6	71.7	39.9	56.5	56.7
U02-341563	82.2	61.6	43.0	45.5	63.6
C.V. (%)	11.0	8.0	8.6	6.8	10.7
L.S.D. (5%)	17.6	11.1	7.7	7.2	12.9
Row Sp. (In.)	30	30	30	7.5	15
Rows/Plot	4	4	4	6	6
Reps	2	2	2	2	2



**PRELIMINARY TEST IIIB, 2005**

**YIELD RANK**

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Butlerville IN	Lafayette IN	Ashland KS
IA3023 (III)	1	9	1	6	15	4	1
IA2065	19	1	18	21	21	10	15
U98-311442 (SCN)	17	25	28	1	11	5	19
Macon (L)	9	24	22	4	4	6	9
HFPR-3	22	20	20	9	2	15	24
HFPR-4	15	13	8	25	1	23	14
HFPR-5	24	19	25	22	5	25	28
HF03-412	25	17	24	9	20	28	12
HS2-4225	16	7	15	16	27	20	16
HS2-4240	27	27	17	24	23	21	27
HS2-4361	19	15	25	18	14	19	21
HS2-4367	21	16	27	22	9	9	25
HS3-2481	26	11	19	19	9	27	23
HS3-2523	11	14	11	16	6	18	18
HS3-2829	4	17	21	2	2	26	10
HS3-2840	3	26	4	3	7	12	7
LD02-5137	28	28	23	5	24	2	26
LG01-4758	14	3	13	11	13	17	17
U02-210123	2	2	6	12	15	3	13
U02-210318	4	7	7	7	8	11	10
U02-210455	23	12	10	14	22	14	22
U02-300437	6	4	5	27	12	13	4
U02-300452	18	6	14	28	18	22	2
U02-300455	12	22	16	26	19	24	5
U02-300463	6	23	12	20	26	16	6
U02-341439	8	21	2	13	28	6	8
U02-341446	9	5	3	15	25	1	20
U02-341563	13	10	9	8	17	8	3

**PRELIMINARY TEST IIIB, 2005**

**YIELD RANK**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)	19	3	13	3	8
IA2065	16	28	8	17	27
U98-311442 (SCN)	28	5	19	21	13
Macon (L)	3	9	9	25	7
HFPR-3	25	21	25	16	10
HFPR-4	7	20	22	8	21
HFPR-5	20	13	15	19	15
HF03-412	21	11	24	27	26
HS2-4225	13	14	11	7	20
HS2-4240	15	26	16	14	22
HS2-4361	17	18	27	10	6
HS2-4367	18	25	21	22	3
HS3-2481	27	15	28	18	17
HS3-2523	10	22	26	2	1
HS3-2829	23	1	6	15	4
HS3-2840	12	2	4	12	18
LD02-5137	26	27	20	20	28
LG01-4758	14	23	7	24	5
U02-210123	10	8	5	5	13
U02-210318	8	11	9	13	8
U02-210455	24	17	14	26	19
U02-300437	2	6	2	11	25
U02-300452	22	10	11	23	24
U02-300455	1	16	3	9	16
U02-300463	6	4	1	1	10
U02-341439	5	19	17	6	2
U02-341446	4	6	23	4	23
U02-341563	9	24	17	28	12

**PRELIMINARY TEST IIIB, 2005**

**MATURITY (date)**

Strain	Mean 10 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	9/20	9/24	9/17	9/11	9/24	9/13	9/27
IA2065	-9.8	-10	-12	-3	-11	-8	-5
U98-311442 (SCN)	3.4	6	5	7	3	4	1
Macon (L)	3.3	5	2	6	4	2	2
HFPR-3	1.6	2	2	3	2	0	0
HFPR-4	1.4	2	3	2	2	-1	0
HFPR-5	2.2	6	5	2	2	-2	0
HF03-412	0.3	1	-2	1	1	-2	-1
HS2-4225	-3.9	-4	-4	-2	-4	-6	-2
HS2-4240	-6.7	-7	-7	-5	-9	-7	-7
HS2-4361	-0.3	-1	1	2	-2	-1	-2
HS2-4367	-1.5	-1	-1	-2	-3	-2	-2
HS3-2481	0.4	1	0	2	2	-2	-1
HS3-2523	0.8	1	2	3	0	-2	1
HS3-2829	4.7	8	7	11	3	2	2
HS3-2840	3.5	5	3	7	3	3	3
LD02-5137	-4.0	-3	-4	-2	-5	-7	-3
LG01-4758	3.1	4	2	7	3	1	2
U02-210123	-3.2	-1	-1	-1	-8	-4	-3
U02-210318	-3.4	-1	-1	-3	-4	-8	-1
U02-210455	-2.3	-2	0	-1	-5	-2	-1
U02-300437	-3.5	-2	-4	-4	-4	-7	-2
U02-300452	-3.3	-1	-3	-3	-4	-4	-2
U02-300455	-3.4	-3	-2	-5	-4	-6	-2
U02-300463	-3.4	-1	-2	-4	-5	-6	-2
U02-341439	-3.1	-4	-3	-3	-5	-5	-1
U02-341446	-4.5	-6	-4	-4	-5	-7	-1
U02-341563	-0.7	-2	3	0	-4	-2	1
Date Planted	5/10	5/2	5/3	5/5	5/11	5/7	5/23
Days to Mature	133	145	137	129	136	129	127

**PRELIMINARY TEST IIIB, 2005**

**MATURITY (date)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)		9/23	9/25	9/20	9/20
IA2065		-11	-12	-12	-14
U98-311442 (SCN)		1	4	1	3
Macon (L)		-2	8	4	3
HFPR-3		0	5	1	2
HFPR-4		-1	5	1	0
HFPR-5		0	5	2	2
HF03-412		-1	3	2	0
HS2-4225		-7	-1	-5	-5
HS2-4240		-8	-3	-8	-7
HS2-4361		-2	2	0	-1
HS2-4367		-1	-1	-2	-1
HS3-2481		0	3	-2	0
HS3-2523		-1	3	0	1
HS3-2829		3	7	2	3
HS3-2840		2	7	2	2
LD02-5137		-5	-2	-7	-3
LG01-4758		-2	7	4	3
U02-210123		-8	-2	-1	-4
U02-210318		-5	-3	-6	-3
U02-210455		-7	-2	-2	-3
U02-300437		-4	-3	-4	-3
U02-300452		-4	-4	-2	-7
U02-300455		-4	-2	-2	-5
U02-300463		-6	-2	-3	-3
U02-341439		-4	-1	-2	-4
U02-341446		-4	-3	-3	-9
U02-341563		-4	4	0	-3
Date Planted		5/19	5/24	5/6	5/4
Days to Mature		127	124	137	139

**PRELIMINARY TEST IIIB, 2005**

**LODGING (score)**

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	1.6	2.3	2.0	2.0	1.0	1.0	1.0
IA2065	1.4	3.0	1.5	1.0	1.8	1.0	1.0
U98-311442 (SCN)	1.6	2.3	2.3	1.0	1.5	1.5	1.0
Macon (L)	1.7	3.0	2.0	2.0	1.5	1.0	1.0
HFPR-3	1.6	3.0	1.8	1.0	1.5	1.0	1.5
HFPR-4	1.5	2.5	2.0	1.0	1.5	1.0	1.0
HFPR-5	1.5	2.3	2.0	1.0	1.3	1.0	1.0
HF03-412	1.9	3.5	2.0	2.0	2.3	1.0	1.5
HS2-4225	1.6	2.5	2.0	1.0	2.0	1.0	1.0
HS2-4240	1.4	1.8	1.8	1.0	1.5	1.0	1.0
HS2-4361	1.4	2.3	1.8	1.0	1.3	1.0	1.0
HS2-4367	1.4	1.8	1.5	1.0	1.5	1.0	1.0
HS3-2481	1.4	2.3	1.8	1.0	1.5	1.0	1.0
HS3-2523	1.4	2.8	1.3	1.0	1.3	1.0	1.0
HS3-2829	2.4	4.0	2.8	2.0	3.0	1.8	2.0
HS3-2840	2.2	3.3	2.5	2.0	3.5	1.5	2.0
LD02-5137	1.7	2.8	2.3	1.0	1.8	1.3	1.0
LG01-4758	1.6	2.5	1.8	1.0	1.5	1.0	1.5
U02-210123	2.0	3.0	2.5	2.0	2.0	1.8	1.5
U02-210318	1.7	2.3	2.0	2.0	1.5	1.0	1.5
U02-210455	1.7	3.0	2.0	1.0	1.8	1.3	1.5
U02-300437	1.8	2.8	2.3	1.0	3.3	1.0	1.5
U02-300452	1.8	3.0	2.5	1.0	2.5	1.5	1.0
U02-300455	1.9	3.0	2.0	2.0	2.3	1.3	1.5
U02-300463	2.0	3.5	2.3	2.0	2.8	1.3	1.5
U02-341439	1.5	2.3	2.0	1.0	1.0	1.3	1.0
U02-341446	1.4	2.3	2.0	1.0	1.0	1.0	1.0
U02-341563	1.4	2.3	2.0	1.0	1.0	1.0	1.0

**PRELIMINARY TEST IIIB, 2005**

**LODGING (score)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)		2.0		1.3	1.4
IA2065		1.0		1.2	1.4
U98-311442 (SCN)		2.0		1.5	1.5
Macon (L)		2.0		1.3	1.6
HFPR-3		2.0		1.3	1.3
HFPR-4		2.0		1.3	1.3
HFPR-5		2.0		1.3	1.4
HF03-412		2.0		1.3	1.7
HS2-4225		2.0		1.3	1.2
HS2-4240		2.0		1.2	1.1
HS2-4361		2.0		1.3	1.3
HS2-4367		2.0		1.3	1.3
HS3-2481		2.0		1.2	1.2
HS3-2523		2.0		1.2	1.3
HS3-2829		2.0		2.0	1.7
HS3-2840		2.0		1.7	1.7
LD02-5137		2.0		1.3	1.5
LG01-4758		2.0		1.3	1.6
U02-210123		2.0		1.3	1.8
U02-210318		2.0		1.3	1.4
U02-210455		2.0		1.3	1.5
U02-300437		2.0		1.3	1.4
U02-300452		2.0		1.3	1.3
U02-300455		2.0		1.3	1.7
U02-300463		2.0		1.2	1.5
U02-341439		2.0		1.3	1.8
U02-341446		2.0		1.2	1.3
U02-341563		2.0		1.3	1.2

**PRELIMINARY TEST IIIB, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	33	40	38	31	27	36	34
IA2065	30	33	33	29	26	29	32
U98-311442 (SCN)	35	41	39	33	30	38	36
Macon (L)	36	42	43	34	32	38	34
HFPR-3	37	44	42	34	32	39	35
HFPR-4	36	44	43	32	32	38	32
HFPR-5	36	44	42	34	30	38	38
HF03-412	37	45	41	33	31	38	37
HS2-4225	33	40	37	32	26	32	32
HS2-4240	31	36	36	32	26	32	33
HS2-4361	35	41	39	32	30	34	37
HS2-4367	34	41	39	30	30	34	33
HS3-2481	33	42	39	31	30	35	31
HS3-2523	37	44	40	33	32	37	42
HS3-2829	37	38	45	36	31	39	37
HS3-2840	39	45	43	36	32	41	37
LD02-5137	35	40	40	33	30	35	32
LG01-4758	37	43	43	37	31	38	37
U02-210123	37	43	42	35	28	41	37
U02-210318	34	37	39	35	27	34	34
U02-210455	38	42	44	36	31	41	34
U02-300437	36	41	44	32	31	36	39
U02-300452	36	42	43	31	30	36	37
U02-300455	36	44	41	33	29	37	36
U02-300463	36	43	43	39	31	38	35
U02-341439	28	30	32	28	22	30	28
U02-341446	29	31	32	28	20	32	28
U02-341563	31	36	35	30	24	29	31

**PRELIMINARY TEST IIIB, 2005**

**PLANT HEIGHT (inches)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)		28		35	32
IA2065		28		28	28
U98-311442 (SCN)		32		37	33
Macon (L)		31		36	35
HFPR-3		31		37	36
HFPR-4		32		36	34
HFPR-5		31		36	33
HF03-412		34		38	35
HS2-4225		28		36	30
HS2-4240		25		32	30
HS2-4361		30		36	34
HS2-4367		30		35	36
HS3-2481		29		31	32
HS3-2523		32		37	36
HS3-2829		35		40	38
HS3-2840		36		41	39
LD02-5137		30		38	35
LG01-4758		31		36	38
U02-210123		34		38	39
U02-210318		30		33	36
U02-210455		35		40	37
U02-300437		32		38	33
U02-300452		34		38	35
U02-300455		31		38	36
U02-300463		33		31	35
U02-341439		24		31	30
U02-341446		28		32	27
U02-341563		28		35	29



**PRELIMINARY TEST IIIB, 2005**

**SEED SIZE (g/100)**

Strain	Mean 11 Tests	Ames IA	Carlisle IA	Urbana IL	Butler ville IN	Lafayette IN	Ashland KS
IA3023 (III)	14.7	15.6	14.4	13.5	13.0	14.1	14.9
IA2065	14.8	16.0	14.3	12.8	15.1	15.2	15.9
U98-311442 (SCN)	14.1	14.7	13.5	13.5	13.7	12.3	17.5
Macon (L)	15.9	17.1	15.6	16.3	15.5	14.9	14.9
HFPR-3	15.8	16.9	15.9	14.7	15.4	14.2	17.3
HFPR-4	15.5	16.8	16.3	13.5	15.5	13.8	15.1
HFPR-5	15.5	17.5	16.0	14.4	15.3	12.9	14.4
HF03-412	14.9	17.2	14.9	14.9	14.8	12.9	13.3
HS2-4225	16.2	17.2	16.0	15.8	14.6	14.5	17.8
HS2-4240	15.7	16.6	15.3	13.6	15.1	15.9	17.1
HS2-4361	14.8	16.7	14.5	14.0	12.8	13.1	16.0
HS2-4367	14.9	17.2	14.3	14.2	14.4	10.3	15.7
HS3-2481	15.5	17.4	15.5	15.7	15.0	13.8	12.8
HS3-2523	14.9	15.8	14.4	14.2	13.7	12.5	16.8
HS3-2829	15.8	17.0	16.1	14.3	15.6	13.1	17.5
HS3-2840	16.4	17.6	18.0	15.2	16.5	14.1	15.7
LD02-5137	15.0	15.7	14.3	13.9	14.6	15.8	15.1
LG01-4758	15.9	17.9	15.2	14.9	14.9	14.3	16.9
U02-210123	14.0	14.5	13.4	12.8	11.9	13.0	19.0
U02-210318	15.1	16.0	14.6	13.5	14.7	14.1	16.8
U02-210455	15.7	16.9	16.4	15.7	15.0	15.3	15.1
U02-300437	16.2	17.8	15.9	13.9	15.7	16.4	15.5
U02-300452	15.9	17.8	15.5	13.2	15.4	16.2	15.3
U02-300455	15.9	17.6	15.9	13.5	14.6	15.8	15.3
U02-300463	15.8	17.1	15.6	13.4	15.1	15.6	15.8
U02-341439	14.4	15.1	15.5	13.1	12.3	13.0	15.8
U02-341446	16.2	17.2	17.0	14.7	14.4	16.0	18.7
U02-341563	14.8	15.2	14.9	13.2	13.3	14.2	14.8

**PRELIMINARY TEST IIIB, 2005**

**SEED SIZE (g/100)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)	17.5	18.2	13.8	11.9	14.7
IA2065	18.2	18.9	12.2	11.5	13.0
U98-311442 (SCN)	15.3	15.8	12.8	10.9	15.0
Macon (L)	18.1	18.7	15.0	12.7	16.7
HFPR-3	17.2	19.6	14.4	11.7	16.4
HFPR-4	17.4	19.6	14.9	12.2	15.5
HFPR-5	17.4	20.0	14.2	12.1	16.1
HF03-412	16.4	17.6	12.7	13.2	16.6
HS2-4225	17.7	20.0	15.2	13.1	16.0
HS2-4240	17.2	19.7	14.3	12.2	15.6
HS2-4361	16.7	17.8	13.5	12.4	15.3
HS2-4367	17.0	18.5	13.6	12.3	16.0
HS3-2481	16.6	19.9	13.9	13.2	16.8
HS3-2523	16.8	18.7	13.9	11.6	15.6
HS3-2829	17.6	18.9	13.9	13.0	16.4
HS3-2840	18.2	18.9	15.8	13.6	16.7
LD02-5137	16.5	17.1	14.1	12.5	15.3
LG01-4758	17.7	18.9	15.6	11.9	16.8
U02-210123	15.6	17.4	12.3	11.4	13.4
U02-210318	16.2	18.7	14.6	12.0	15.2
U02-210455	17.1	19.2	13.8	13.0	15.3
U02-300437	18.3	20.3	15.3	13.4	15.5
U02-300452	18.3	19.8	14.5	13.5	15.4
U02-300455	18.1	19.9	14.4	13.0	16.5
U02-300463	18.7	20.4	14.8	12.0	15.8
U02-341439	17.0	18.4	12.6	11.2	14.1
U02-341446	18.6	20.6	13.8	13.0	14.5
U02-341563	16.7	18.0	14.4	13.4	15.1

**PRELIMINARY TEST IIIB, 2005**

**SEED QUALITY (score)**

Strain	Mean 6 Tests	Ames IA	Carlisle IA	Urbana IL	Butlerville IN	Lafayette IN	Ashland KS
IA3023 (III)	1.5			1.0	1.0	1.5	3.0
IA2065	2.4			4.0	2.0	2.0	3.0
U98-311442 (SCN)	2.0			2.0	2.0	1.5	3.0
Macon (L)	1.7			2.0	1.0	1.5	3.0
HFPR-3	1.5			2.0	1.0	1.0	2.0
HFPR-4	1.5			1.0	1.0	1.5	3.0
HFPR-5	1.5			1.0	1.0	1.5	3.0
HF03-412	1.5			1.0	1.0	1.0	3.0
HS2-4225	2.0			2.0	1.0	2.0	4.0
HS2-4240	2.0			3.0	1.0	2.0	3.0
HS2-4361	1.6			2.0	1.0	1.0	2.0
HS2-4367	1.3			1.0	1.0	1.0	2.0
HS3-2481	1.7			2.0	1.0	1.0	3.0
HS3-2523	1.7			2.0	1.0	1.5	3.0
HS3-2829	2.0			3.0	1.5	1.5	2.0
HS3-2840	2.2			3.0	2.0	1.5	3.0
LD02-5137	1.8			2.0	1.5	1.5	3.0
LG01-4758	1.3			1.0	1.0	1.0	2.0
U02-210123	2.0			3.0	1.0	1.0	4.0
U02-210318	1.7			2.0	1.5	2.0	2.0
U02-210455	1.7			2.0	1.0	1.5	2.0
U02-300437	1.9			3.0	1.5	1.5	2.0
U02-300452	1.9			2.0	2.0	1.5	3.0
U02-300455	1.9			2.0	2.0	2.0	2.0
U02-300463	1.7			2.0	1.5	1.5	2.0
U02-341439	1.7			2.0	1.5	1.5	2.0
U02-341446	2.6			2.0	3.0	4.0	3.0
U02-341563	1.6			1.0	1.0	1.5	3.0

**PRELIMINARY TEST IIIB, 2005**

**SEED QUALITY (score)**

Strain	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	So. Charleston OH
IA3023 (III)				1.5	1.2
IA2065				1.4	1.8
U98-311442 (SCN)				1.5	1.8
Macon (L)				1.5	1.3
HFPR-3				1.5	1.4
HFPR-4				1.4	1.3
HFPR-5				1.3	1.4
HF03-412				1.4	1.3
HS2-4225				1.5	1.7
HS2-4240				1.5	1.5
HS2-4361				1.5	1.8
HS2-4367				1.4	1.6
HS3-2481				1.5	1.4
HS3-2523				1.5	1.4
HS3-2829				1.6	2.2
HS3-2840				1.4	2.2
LD02-5137				1.5	1.5
LG01-4758				1.5	1.4
U02-210123				1.4	1.5
U02-210318				1.4	1.4
U02-210455				1.5	2.1
U02-300437				1.4	2.0
U02-300452				1.5	1.4
U02-300455				1.5	1.8
U02-300463				1.4	1.7
U02-341439				1.5	1.5
U02-341446				1.6	1.9
U02-341563				1.5	1.8

**PRELIMINARY TEST IIB, 2005**

**PROTEIN (%)**

Strain	Mean 5 Tests	Ames IA	Urbana IL	Lafayette IN	Butler IN	So. Charleston OH
IA3023 (III)	38.5	39.4	37.9	38.5	37.8	39.0
IA2065	39.0	38.1	37.9	38.9	41.0	39.2
U98-311442 (SCN)	39.9	40.7	39.0	40.6	40.0	39.5
Macon (L)	39.9	40.1	39.2	40.6	40.7	39.0
HFPR-3	41.3	40.8	40.9	42.2	42.1	40.4
HFPR-4	41.7	41.7	39.4	43.8	42.2	41.5
HFPR-5	41.4	41.0	41.2	43.3	40.7	40.8
HF03-412	40.3	40.5	40.0	42.1	39.4	39.8
HS2-4225	40.5	39.1	39.0	43.2	40.8	40.6
HS2-4240	40.6	40.1	39.3	43.2	39.6	40.6
HS2-4361	41.9	40.9	41.5	44.3	41.6	41.2
HS2-4367	41.0	40.9	40.5	42.8	39.8	41.0
HS3-2481	39.8	38.2	39.2	42.5	39.5	39.6
HS3-2523	40.0	39.7	39.1	42.4	39.4	39.3
HS3-2829	41.4	39.9	41.2	43.3	41.5	41.0
HS3-2840	40.8	39.9	40.3	42.9	39.7	41.1
LD02-5137	38.1	38.1	37.4	39.6	38.0	37.3
LG01-4758	39.0	39.5	39.8	40.8	36.5	38.7
U02-210123	38.0	37.6	37.3	39.8	37.2	38.1
U02-210318	39.8	39.9	39.2	41.9	39.1	39.0
U02-210455	40.9	40.0	40.9	42.2	41.0	40.5
U02-300437	38.5	38.5	36.6	41.9	38.8	36.4
U02-300452	38.7	38.7	37.5	41.3	38.0	38.1
U02-300455	38.8	38.5	37.7	42.0	38.0	37.5
U02-300463	39.3	40.4	37.7	40.5	39.1	39.1
U02-341439	39.2	38.9	39.2	40.8	38.3	38.7
U02-341446	38.9	39.1	37.9	40.1	38.0	39.5
U02-341563	42.0	41.8	39.9	44.2	42.5	41.5

**PRELIMINARY TEST IIIB, 2005**

**OIL (%)**

Strain	Mean 5 Tests	Ames IA	Urbana IL	Lafayette IN	Butlerville IN	So. Charleston OH
IA3023 (III)	21.1	22.0	21.3	20.8	21.2	20.1
IA2065	23.2	22.8	23.9	23.8	22.0	23.4
U98-311442 (SCN)	20.1	19.1	21.4	19.9	20.0	20.0
Macon (L)	20.5	19.2	21.6	20.6	20.1	20.8
HFPR-3	20.2	19.4	21.4	20.2	20.3	19.5
HFPR-4	20.2	18.9	21.9	19.5	20.8	19.7
HFPR-5	20.1	19.4	20.6	19.6	20.8	20.0
HF03-412	20.1	19.0	20.9	19.5	21.1	20.0
HS2-4225	20.5	20.0	21.9	19.4	21.1	20.0
HS2-4240	20.7	19.7	22.0	19.4	21.7	20.7
HS2-4361	19.8	19.3	21.0	19.1	20.2	19.2
HS2-4367	19.5	18.8	19.7	18.8	20.6	19.5
HS3-2481	21.0	20.7	21.6	20.0	21.6	21.1
HS3-2523	19.9	19.5	21.1	18.6	20.0	20.2
HS3-2829	20.8	20.5	21.6	20.7	20.8	20.4
HS3-2840	21.3	20.7	22.2	20.6	22.4	20.8
LD02-5137	21.0	20.3	21.6	21.0	21.4	20.9
LG01-4758	21.1	20.1	21.7	20.2	22.4	21.2
U02-210123	20.8	20.1	21.8	20.2	21.5	20.6
U02-210318	20.4	19.5	21.2	19.9	21.1	20.6
U02-210455	19.4	19.2	19.6	18.7	20.1	19.4
U02-300437	21.6	20.3	23.3	20.2	22.3	21.8
U02-300452	21.2	20.2	22.3	19.5	22.6	21.4
U02-300455	21.7	20.3	22.8	20.7	22.8	21.7
U02-300463	21.3	19.8	22.4	20.9	22.4	21.1
U02-341439	21.2	20.9	21.8	21.0	21.7	20.7
U02-341446	21.7	20.7	22.7	21.3	22.4	21.2
U02-341563	20.1	19.4	20.8	19.7	20.8	19.8

**Uniform Test IV, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	LN97-15076 (IV)	Macon x Stressland	4	F5	
2.	LS93-0375 (SCN)	Asgrow A3935 x Pioneer P9402	4	F6	SCN
3.	Macon (III)	Sherman x Resnik	9	F5	
4.	HC99-2763	DPL 3478 x Stressland	1	F5	SCN
5.	HC01-289	HC94-81PR x Asgrow2506	PTIV	F5	Dt1
6.	LD00-2817	Ina x Dwight	04SCN UIV	F5	SCN
7.	LD00-3309	Maverick x Dwight	1	F5	SCN
8.	LS00-4221	LS92-3660 x Asgrow 4138	PTIV	F6	SCN
9.	LS01-1158	LS92-4173 x Dekalb 339c	PTIV	F6	SCN
10.	LS01-1734	LS93-0375 x IA3005	PTIV	F6	SCN
11.	LS01-3615	LS93-0375 x Mustang	PTIV	F6	SCN

UNIFORM TEST IV, 2005

DESCRIPTIVE AND DISEASE DATA

---

Strain	Descriptive Code	<u>Chlorosis</u>	<u>Green Stem</u>	<u>Shattering</u>
		Score Wilkin Co. MN	Score Pine Tree AR	Score Manhattan KS
LN97-15076 (IV)	WTBDYBII	2.3	2.0	1.0
LS93-0375 (SCN)	PTBDYBII	2.0	2.0	1.0
Macon (III)	WTBDYBII	2.0	2.0	1.0
HC99-2763	PLtTDYBII	2.5	1.0	1.0
HC01-289	PTTDYBID	2.3	2.0	1.0
LD00-2817	WGTDYBfi	2.3	1.0	1.0
LD00-3309	PTBDYBII	2.2	1.0	1.0
LS00-4221	PTTDYBII	2.2	2.0	1.0
LS01-1158	WGTDYBfi	1.7	1.0	1.0
LS01-1734	WTBDYBII	2.8	1.0	1.0
LS01-3615	WGBDYBfi	2.2	2.0	3.0

---



**UNIFORM TEST IV, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	<u>PR</u>		<u>SDS</u>	<u>P &amp; SB</u>	<u>PS</u>	<u>FE</u>
	Lafayette		Valmeyer		Lafayette	
	Race 4	Race 7	IL DX	n %	a %	a
LN97-15076 (IV)	S	S	21	2	0	S
LS93-0375 (SCN)	S	R	6	8	3	S
Macon (III)	S	S	20	0	1	S
HC99-2763	S	H*	19	0	2	S
HC01-289	S*	S	37	0	2	
LD00-2817	S	S	4	14	0	S
LD00-3309	S	R*	7	2	0	S
LS00-4221	S	R	5	6	0	S
LS01-1158	S	H*	4	4	1	S
LS01-1734	S	S	1	4	0	S
LS01-3615	S	S	16	2	0	S

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**UNIFORM TEST IV, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	14 bu/a	14 No.	14 Date	14 Score	14 In.	13 g/100	13 Score	7 Protein %	7 Oil %
LN97-15076 (IV)	55.6	8	9/24	2.0	38	15.4	2.2	42.0	20.0
LS93-0375 (SCN)	56.7	6	1.2	1.8	36	15.5	1.7	41.8	19.7
Macon (III)	54.3	10	-2.0	1.7	36	16.2	2.1	40.3	20.9
HC99-2763	60.8	3	-0.5	2.1	36	15.0	1.9	41.8	21.7
HC01-289	53.3	11	-0.3	2.1	36	14.3	2.2	43.9	21.0
LD00-2817	61.9	2	4.4	1.9	39	12.9	2.3	38.2	21.0
LD00-3309	62.3	1	0.0	1.7	36	12.5	2.0	40.1	19.7
LS00-4221	54.5	9	2.1	2.7	41	16.0	2.1	43.6	19.4
LS01-1158	58.0	4	0.4	1.9	40	12.7	1.8	39.9	20.1
LS01-1734	57.6	5	3.2	2.1	39	16.1	2.6	39.6	20.4
LS01-3615	56.5	7	0.9	1.9	38	13.8	1.9	40.1	19.6

132.2 Days After Planting

**UNIFORM TEST IV, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	28 bu/a	28 No.	29 Date	29 Score	29 In.	26 g/100	26 Score	12 Protein %	12 Oil %
LN97-15076 (IV)	58.3	3	9/24	2.0	37	16.1	1.9	42.0	19.5
LS93-0375 (SCN)	59.5	2	0.9	1.7	36	16.1	1.7	41.5	19.1
Macon (III)	57.0	4	-3.2	1.8	34	17.0	1.8	40.3	20.2
LD00-3309	64.8	1	0.8	1.7	35	13.1	1.8	40.1	19.3

130.7 Days After Planting

**UNIFORM TEST IV, 2005**

**YIELD (bu/a)**

Strain	Mean 14 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN
LN97-15076 (IV)	55.6	68.1	63.4	71.2	50.0	59.4	55.7	53.6	57.5
LS93-0375 (SCN)	56.7	66.7	60.5	73.1	61.9	63.4	67.4	54.5	55.6
Macon (III)	54.3	68.5	61.8	72.9	52.9	61.7	55.1	54.3	52.0
HC99-2763	60.8	64.6	73.2	74.5	64.1	60.7	70.9	53.6	64.2
HC01-289	53.3	64.2	55.6	68.5	46.2	53.7	56.4	46.8	54.4
LD00-2817	61.9	57.1	60.4	81.1	59.4	71.7	76.7	56.1	58.3
LD00-3309	62.3	71.7	67.7	79.7	64.9	64.7	82.7	60.2	67.1
LS00-4221	54.5	62.2	65.1	73.2	55.5	59.5	66.2	51.1	53.7
LS01-1158	58.0	67.3	75.4	73.5	59.0	60.8	67.3	56.8	55.1
LS01-1734	57.6	65.2	64.6	79.9	59.7	58.5	71.2	51.5	55.6
LS01-3615	56.5	62.5	70.4	77.5	56.3	65.2	69.8	54.1	46.9
C.V. (%)		10.4	9.2	5.8	7.8	8.2	6.2	7.5	8.0
L.S.D. (5%)		15.4	11.9	7.4	7.7	7.1	5.9	6.9	7.7
Row Sp. (In.)		6.5	6.5	30	30	30	30	24	26
Rows/Plot		9	9	4	4	4	4	4	4
Reps		3	3	3	3	3	3	3	3

\*Data not included in mean.

**UNIFORM TEST IV, 2005**

**YIELD RANK**

Strain	Yield Rank	Pine Tree* irrigated AR	Rohwer* irrigated AR	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN
LN97-15076 (IV)	8	3	7	10	10	9	10	7	4
LS93-0375 (SCN)	6	5	9	8	3	4	6	4	5
Macon (III)	10	2	8	9	9	5	11	5	10
HC99-2763	3	7	2	5	2	7	4	7	2
HC01-289	11	8	11	11	11	11	9	11	8
LD00-2817	2	11	10	1	5	1	2	3	3
LD00-3309	1	1	4	3	1	3	1	1	1
LS00-4221	9	10	5	7	8	8	8	10	9
LS01-1158	4	4	1	6	6	6	7	2	7
LS01-1734	5	6	6	2	4	10	3	9	5
LS01-3615	7	9	3	4	7	2	5	6	11

\*Data not included in mean.

**UNIFORM TEST IV, 2005**

**YIELD (bu/a)**

Strain	Ashland	Manhattan	Lexington	Queenstown	Columbia	Portageville	Portageville	South
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH
LN97-15076 (IV)	62.8	54.0	27.2	55.3	29.9	70.1	74.7	56.9
LS93-0375 (SCN)	52.8	46.4	34.2	50.4	33.2	68.8	75.2	56.7
Macon (III)	58.9	53.5	25.5	46.8	31.2	67.9	68.6	59.3
HC99-2763	64.1	51.1	37.9	51.3	39.0	81.5	81.4	57.1
HC01-289	58.2	50.2	30.1	52.1	31.6	75.3	68.2	54.0
LD00-2817	57.3	47.0	35.0	59.0	43.1	82.4	87.3	52.9
LD00-3309	62.1	47.7	32.5	57.4	40.8	77.4	80.2	54.3
LS00-4221	56.0	45.6	33.8	40.3	33.2	75.0	67.5	51.9
LS01-1158	52.2	45.7	34.5	53.5	39.2	76.1	85.8	52.5
LS01-1734	55.9	44.9	31.2	52.3	36.2	81.6	73.2	54.9
LS01-3615	56.4	48.4	33.7	46.4	34.2	72.8	76.5	52.8
C.V. (%)	3.7	5.5	13.7	11.2	6.1	6.0	5.8	5.6
L.S.D. (5%)	3.5	4.4	6.3	9.8	3.1	7.8	7.5	3.6
Row Sp. (In.)	30	30	16	24	30	30	30	15
Rows/Plot	4	4	6	4	4	4	4	6
Reps	3	3	3	3	3	3	3	3

**UNIFORM TEST IV, 2005**

**YIELD RANK**

Strain	Ashland	Manhattan	Lexington	Queenstown	Columbia	Portageville	Portageville	South
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH
LN97-15076 (IV)	2	1	10	3	11	9	7	3
LS93-0375 (SCN)	10	8	4	8	7	10	6	4
Macon (III)	4	2	11	9	10	11	9	1
HC99-2763	1	3	1	7	4	3	3	2
HC01-289	5	4	9	6	9	6	10	7
LD00-2817	6	7	2	1	1	1	1	8
LD00-3309	3	6	7	2	2	4	4	6
LS00-4221	8	10	5	11	7	7	11	11
LS01-1158	11	9	3	4	3	5	2	10
LS01-1734	9	11	8	5	5	2	8	5
LS01-3615	7	5	6	10	6	8	5	9

**UNIFORM TEST IV, 2005**

**MATURITY (date)**

Strain	Mean 14 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN
LN97-15076 (IV)	9/24	8/19	8/27	9/24	9/17	9/16	9/23	9/23	9/27
LS93-0375 (SCN)	1.2	3	0	0	6	1	4	1	0
Macon (III)	-2.0	2	-1	-2	-1	-2	-4	-6	0
HC99-2763	-0.5	0	-1	-1	4	-1	1	-4	-1
HC01-289	-0.3	1	-3	-2	0	-1	-1	-1	2
LD00-2817	4.4	3	7	8	7	3	8	-1	3
LD00-3309	0.0	-1	-2	-1	1	1	1	-4	2
LS00-4221	2.1	3	1	1	6	2	2	0	2
LS01-1158	0.4	3	2	-1	2	1	4	-3	0
LS01-1734	3.2	2	0	3	6	4	8	1	4
LS01-3615	0.9	0	0	0	2	2	2	-1	1
Date Planted	5/15	4/19	4/27	5/12	5/13	5/6	5/15	5/7	5/11
Days to Mature	132	122	122	135	127	133	131	139	139

\*Data not included in mean.

**UNIFORM TEST IV, 2005**

**LODGING (score)**

Strain	Mean 14 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN
LN97-15076 (IV)	2.0			1.3	3.8	3.0	2.0	1.2	2.3
LS93-0375 (SCN)	1.8			1.5	3.3	3.0	2.0	1.0	2.0
Macon (III)	1.7			1.3	3.8	2.0	1.0	1.2	2.3
HC99-2763	2.1			1.3	3.8	3.0	2.0	1.5	2.3
HC01-289	2.1			1.7	3.7	3.0	2.0	1.0	2.8
LD00-2817	1.9			2.5	2.7	2.0	2.0	1.7	1.7
LD00-3309	1.7			1.7	3.5	2.0	2.0	1.3	1.3
LS00-4221	2.7			1.5	3.8	4.0	3.0	2.5	2.7
LS01-1158	1.9			1.5	3.8	3.0	2.0	1.3	2.5
LS01-1734	2.1			2.0	3.8	3.0	2.0	1.5	2.8
LS01-3615	1.9			1.5	3.5	3.0	2.0	1.0	2.0

\*Data not included in mean.

**UNIFORM TEST IV, 2005**

**MATURITY (date)**

Strain	Ashland	Manhattan	Lexington	Queenstown	Columbia	Portageville	Portageville	South
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH
LN97-15076 (IV)	9/30	10/18	9/26	10/4	9/20	9/13	9/14	9/27
LS93-0375 (SCN)	-0	-2	1	0	3	2	0	1
Macon (III)	-2	-3	-2	-2	3	2	-5	-4
HC99-2763	0	-0	-1	-2	2	1	-5	1
HC01-289	-0	-1	0	1	2	1	-3	-0
LD00-2817	4	1	2	3	5	4	9	4
LD00-3309	-1	-1	-3	-1	5	1	1	-1
LS00-4221	5	1	2	1	4	2	0	1
LS01-1158	-0	-1	0	2	1	0	1	0
LS01-1734	2	1	2	3	4	3	1	3
LS01-3615	1	1	0	0	2	0	1	2
Date Planted	5/23	6/20	5/4	6/10	5/17	5/5	5/4	5/4
Days to Mature	130	120	145	116	126	131	133	146

**UNIFORM TEST IV, 2005**

**LODGING (score)**

Strain	Ashland	Manhattan	Lexington	Queenstown	Columbia	Portageville	Portageville	South
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH
LN97-15076 (IV)	1.0	2.0	1.0	3.0	1.0	1.5	3.0	1.5
LS93-0375 (SCN)	1.0	1.0	1.0	3.2	1.0	1.5	2.0	1.2
Macon (III)	1.0	1.0	1.0	3.2	1.0	1.5	2.5	1.2
HC99-2763	1.7	1.7	1.0	3.2	1.0	1.5	3.5	1.5
HC01-289	1.3	2.3	1.0	3.5	1.0	1.5	3.5	1.7
LD00-2817	1.7	1.0	1.0	3.2	1.0	1.5	3.0	1.4
LD00-3309	1.0	1.0	1.0	2.7	1.0	1.0	3.5	1.2
LS00-4221	2.7	3.3	1.0	4.2	2.0	2.0	4.0	1.7
LS01-1158	1.0	1.0	1.0	3.0	1.0	1.5	3.0	1.4
LS01-1734	1.7	1.0	1.0	3.3	1.0	1.5	3.5	1.7
LS01-3615	1.0	1.3	1.0	3.2	1.0	1.5	3.5	1.4

**UNIFORM TEST IV, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 14 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN
LN97-15076 (IV)	38	30	29	46	46	40	41	45	35
LS93-0375 (SCN)	36	29	31	43	41	38	38	43	33
Macon (III)	36	29	30	42	41	35	34	41	35
HC99-2763	36	26	29	37	42	37	38	41	32
HC01-289	36	26	29	43	42	37	35	45	34
LD00-2817	39	32	31	47	42	40	42	44	36
LD00-3309	36	30	31	42	39	37	40	44	33
LS00-4221	41	31	31	50	50	41	44	47	37
LS01-1158	40	35	32	45	49	40	43	48	38
LS01-1734	39	31	32	46	40	39	42	44	36
LS01-3615	38	29	29	47	41	37	40	44	33

\*Data not included in mean.

**UNIFORM TEST IV, 2005**

**SEED SIZE (g/100)**

Strain	Mean 13 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN
LN97-15076 (IV)	15.4			14.8	13.0	14.1	14.4	13.5	15.1
LS93-0375 (SCN)	15.5			15.2	13.9	15.7	16.3	13.6	13.9
Macon (III)	16.2			15.0	14.1	14.9	15.1	15.6	15.0
HC99-2763	15.0			15.1	13.3	14.5	15.7	12.7	15.0
HC01-289	14.3			14.2	11.8	12.5	13.6	12.5	14.3
LD00-2817	12.9			12.6	11.0	11.8	13.1	10.1	11.5
LD00-3309	12.5			12.5	11.4	11.9	12.5	11.2	12.3
LS00-4221	16.0			15.0	13.0	14.4	16.8	14.6	15.0
LS01-1158	12.7			12.5	11.3	12.3	12.6	11.4	12.3
LS01-1734	16.1			15.5	14.0	16.7	16.7	13.9	17.2
LS01-3615	13.8			13.8	12.0	13.6	13.3	12.5	12.5

\*Data not included in mean.

**UNIFORM TEST IV, 2005****PLANT HEIGHT (inches)**

Strain	Ashland KS	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH
LN97-15076 (IV)	38	41	30	37	25	35	37	38
LS93-0375 (SCN)	36	35	32	36	27	32	40	35
Macon (III)	36	37	30	36	24	36	39	35
HC99-2763	39	40	32	33	26	27	40	34
HC01-289	35	38	32	35	27	34	36	37
LD00-2817	41	38	30	39	28	36	46	34
LD00-3309	36	34	29	34	25	35	41	31
LS00-4221	42	42	35	38	28	40	43	39
LS01-1158	39	42	33	39	29	36	44	38
LS01-1734	40	40	35	40	27	37	43	39
LS01-3615	40	43	31	38	25	32	42	38

**UNIFORM TEST IV, 2005****SEED SIZE (g/100)**

Strain	Ashland KS	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH
LN97-15076 (IV)	16.3	16.5	15.1	14.8		21.0	16.0	16.3
LS93-0375 (SCN)	16.6	16.4	15.9	14.9		17.2	16.2	16.2
Macon (III)	17.8	17.3	15.1	15.5		22.1	16.9	16.1
HC99-2763	17.0	16.7	14.4	14.2		18.2	13.2	15.2
HC01-289	17.2	16.9	13.8	13.9		16.0	15.0	14.8
LD00-2817	13.4	14.0	14.2	13.3		15.1	13.4	13.6
LD00-3309	13.4	12.9	12.2	11.9		15.1	11.3	13.5
LS00-4221	19.5	18.6	15.1	14.7		19.0	15.5	16.9
LS01-1158	13.1	12.4	12.4	13.2		15.0	13.8	13.2
LS01-1734	15.6	16.2	15.5	16.4		20.0	15.2	16.7
LS01-3615	14.3	15.4	15.0	13.1		17.0	14.2	13.4



**UNIFORM TEST IV, 2005**

**SEED QUALITY (score)**

Strain	Mean 13 Tests	Pine Tree* irrigated AR	Rohwer* irrigated AR	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN
LN97-15076 (IV)	2.2			1.0	2.0	2.0	1.0	1.5	1.5
LS93-0375 (SCN)	1.7			1.0	1.0	1.0	2.0	1.5	1.0
Macon (III)	2.1			1.0	2.0	2.0	2.0	1.0	1.0
HC99-2763	1.9			1.0	2.0	2.0	2.0	1.5	1.0
HC01-289	2.2			2.0	3.0	2.0	2.0	2.5	1.0
LD00-2817	2.3			2.0	2.0	2.0	3.0	1.5	1.0
LD00-3309	2.0			1.0	2.0	2.0	1.0	1.0	1.0
LS00-4221	2.1			1.0	2.0	2.0	2.0	1.0	1.5
LS01-1158	1.8			1.0	2.0	1.0	1.0	1.0	1.0
LS01-1734	2.6			2.0	3.0	2.0	3.0	1.5	1.5
LS01-3615	1.9			1.0	1.0	2.0	1.0	1.0	1.0

\*Data not included in mean.

**UNIFORM TEST IV, 2005****SEED QUALITY (score)**

---

Strain	Ashland	Manhattan	Lexington	Queenstown	Columbia	Portageville	Portageville	South
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH
LN97-15076 (IV)	3.0	2.0	3.0	3.5		3.0	3.0	1.9
LS93-0375 (SCN)	2.0	2.0	1.0	2.3		3.0	3.0	1.6
Macon (III)	3.0	3.0	3.0	2.0		3.0	3.0	1.4
HC99-2763	2.0	2.0	2.0	1.5		3.0	3.0	2.3
HC01-289	2.0	2.0	2.0	2.0		3.0	3.0	2.0
LD00-2817	2.0	3.0	3.0	2.0		3.0	3.0	1.9
LD00-3309	2.0	3.0	2.0	2.0		3.0	4.0	1.8
LS00-4221	3.0	3.0	1.0	2.0		3.0	4.0	1.7
LS01-1158	3.0	2.0	2.0	1.8		3.0	3.0	1.3
LS01-1734	3.0	3.0	4.0	2.3		3.0	3.0	2.3
LS01-3615	2.0	3.0	3.0	2.0		3.0	3.0	1.4

---

**UNIFORM TEST IV, 2005****PROTEIN (%)**

Strain	Mean 7 Tests	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS	Portageville (Loam) MO	South Charleston OH
LN97-15076 (IV)	42.0	42.8	41.0	43.7	42.8	41.5	40.4	41.9
LS93-0375 (SCN)	41.8	42.3	42.0	44.0	41.5	40.3	41.0	41.5
Macon (III)	40.3	40.2	40.2	41.4	39.9	40.2	40.5	39.9
HC99-2763	41.8	41.3	41.4	44.6	42.4	41.4	40.6	40.7
HC01-289	43.9	45.2	42.9	46.6	42.8	42.9	43.3	43.7
LD00-2817	38.2	37.4	39.4	40.4	37.1	37.6	39.1	36.1
LD00-3309	40.1	40.3	38.5	43.1	40.0	40.0	39.3	39.5
LS00-4221	43.6	44.2	42.1	43.7	43.5	43.8	44.5	43.0
LS01-1158	39.9	41.5	40.7	41.9	37.0	38.1	40.3	40.2
LS01-1734	39.6	40.5	40.0	41.8	39.6	38.7	38.9	37.7
LS01-3615	40.1	39.9	40.0	42.5	40.4	40.4	38.3	38.9

**UNIFORM TEST IV, 2005****OIL (%)**

Strain	Mean 7 Tests	Newtown IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS	Portageville (Loam) MO	South Charleston OH
LN97-15076 (IV)	20.0	20.3	18.8	18.5	19.5	20.7	22.1	19.9
LS93-0375 (SCN)	19.7	19.4	19.8	18.4	19.6	20.7	20.6	19.6
Macon (III)	20.9	21.7	21.1	19.9	20.3	20.8	21.9	20.5
HC99-2763	21.7	22.3	21.4	19.6	21.3	22.2	23.5	21.7
HC01-289	21.0	20.7	21.5	19.4	21.3	21.6	22.4	20.2
LD00-2817	21.0	21.8	20.4	19.3	21.3	21.6	21.6	21.1
LD00-3309	19.7	19.7	20.8	18.2	19.5	19.7	20.8	19.3
LS00-4221	19.4	19.3	20.2	19.0	19.1	19.6	19.1	19.3
LS01-1158	20.1	19.9	20.2	19.5	20.6	20.7	20.9	19.1
LS01-1734	20.4	20.4	20.3	19.2	20.1	21.0	21.7	20.2
LS01-3615	19.6	19.9	19.9	18.4	18.7	19.5	21.5	19.2

**Preliminary Test IV, 2005**

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	LN97-15076 (IV)	Macon x Stressland	F5	
2.	LS93-0375 (SCN)	Asgrow A3935 x Pioneer P9402	F6	SCN
3.	Macon (III)	Sherman x Resnik	F5	
4.	HM02-1247	HC94-35PRxAsgrow2506	F5	
5.	HM02-1249	HC94-35PRxAsgrow2506	F5	
6.	HS3-2644	HS97-5609 x HS97-5261	F5	
7.	LG03-1099	LG95-8036 x Rend	F6	
8.	LG03-2561	LG95-7693 x LG92-4208	F6	
9.	LG03-2766	LG95-8036 x Rend	F6	
10.	LG03-3191	LG96-1854 x LG96-3159	F6	
11.	LG03-3755	LG94-1906 x Rend	F6	
12.	LS02-0425	LN93-11632 X A95-483010	F6	SCN
13.	LS02-0455	K1370 X A95-483010	F6	SCN
14.	LS02-1509	U95-3231 x LS95-1454	F6	SCN
15.	LS02-2213	LS93-0375 x SS94-4337	F6	SCN
16.	K03-2037	HS93-4118 x K99-129	F5	STS
17.	K03-2054	HS93-4118 x K99-129	F5	STS
18.	K03-2897	K1454 x HS93-4118	F5	
19.	K03-3496	U96-3106 x K1454	F5	

**PRELIMINARY TEST IV, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>		<u>PS</u>	<u>FE</u>
		Score Jackson TN	Score Ashland KS	Lafayette		Lafayette	
				Race	Race	a	a
				4	7	%	
LN97-15076 (IV)	WTBDYBII	2.5	1.0	S	S	0	S
LS93-0375 (SCN)	PTBDYBII	1.5	1.0	S	R	3	S
Macon (III)	WTBDYBII	2.0	1.0	S	S	1	S
HM02-1247	PTTDYBII	1.5	1.0	R	R	0	S
HM02-1249	PTTIYBII	1.5	1.0	R	R	0	S
HS3-2644	PGSIYIbI	2.5	1.0	R	R	0	S
LG03-1099	P+WGBDYBfI	2.0	1.0	S	S	0	S
LG03-2561	WGBSYBfI	2.0	1.0	S	S	0	S
LG03-2766	PGBDYBfI	1.0	1.0	S	S	0	S
LG03-3191	PTBDYSI	2.0	1.0	S	S	0	S
LG03-3755	WGBSYBfI	2.0	1.0	S	S	0	S
LS02-0425	WGBSYYI	2.5	1.0	S	S	4	
LS02-0455	WGTDYBfI	1.5	1.0	S	S	0	S
LS02-1509	PGTDYLbI	1.0	1.0	S	S	0	S
LS02-2213	WTTSYGfI	2.5	1.0	R	S	1	S
K03-2037	WGBDYIbI	1.0	1.0	S	R	0	S
K03-2054	WGTDYIbI	2.0	1.0	S	R	1	S
K03-2897	PTBDYBII	1.5	1.0	S	S	0	S
K03-3496	PGTDYBfI	1.5	1.0	S	S	0	S

**PRELIMINARY TEST IV, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	10 bu/a	10 No.	10 Date	10 Score	10 Height In.	10 Size g/100	10 Quality Score	5 Protein %	5 Oil %
LN97-15076 (IV)	52.4	13	9/21	2.0	39	14.4	2.3	41.6	20.3
LS93-0375 (SCN)	57.7	2	1.4	1.6	38	15.1	1.9	40.8	20.2
Macon (III)	52.0	14	-2.5	1.9	36	15.0	2.0	39.8	21.0
HM02-1247	46.4	19	-5.4	2.2	38	12.4	1.8	38.7	22.0
HM02-1249	46.9	18	-4.5	2.3	42	13.4	1.7	39.6	21.3
HS3-2644	52.0	14	-2.2	2.0	37	15.6	2.5	39.8	21.5
LG03-1099	54.4	7	-0.8	2.4	43	13.2	2.3	39.2	21.6
LG03-2561	52.6	12	2.8	2.4	37	15.8	2.1	42.1	20.1
LG03-2766	55.3	5	2.5	2.1	43	12.1	1.9	39.4	21.4
LG03-3191	54.4	7	0.9	2.7	40	14.7	2.2	41.1	20.7
LG03-3755	55.1	6	1.1	2.1	37	12.3	2.4	39.2	20.7
LS02-0425	52.7	11	0.8	2.8	46	16.1	2.9	39.9	19.7
LS02-0455	57.2	3	1.4	2.2	40	15.5	2.1	38.5	21.0
LS02-1509	54.3	9	0.4	3.1	41	15.2	2.0	40.7	20.1
LS02-2213	57.1	4	4.5	1.7	44	14.1	1.9	38.4	20.3
K03-2037	51.9	16	-2.1	3.0	43	14.9	2.2	38.1	20.8
K03-2054	48.7	17	-0.8	2.3	42	14.4	2.1	39.7	20.0
K03-2897	60.8	1	1.2	2.1	40	13.5	1.8	38.9	21.4
K03-3496	54.3	9	0.5	2.4	41	14.0	1.9	39.8	21.8

135.4 Days After Planting

**PRELIMINARY TEST IV, 2005**

**YIELD (bu/a)**

Strain	Mean 10 Tests	Belleville IL	Harrisburg IL	Urbana IL	Butlerville IN	Lafayette IN
LN97-15076 (IV)	52.4	69.8	44.7	56.7	51.1	48.7
LS93-0375 (SCN)	57.7	76.8	66.5	70.1	55.1	55.0
Macon (III)	52.0	70.8	48.4	60.7	47.5	51.0
HM02-1247	46.4	64.3	51.2	53.3	43.8	40.3
HM02-1249	46.9	63.0	43.7	54.3	43.0	49.1
HS3-2644	52.0	70.5	55.9	63.1	48.4	51.0
LG03-1099	54.4	70.3	42.7	65.0	52.8	60.5
LG03-2561	52.6	66.5	49.9	53.5	51.4	49.9
LG03-2766	55.3	72.2	60.0	59.8	51.5	50.0
LG03-3191	54.4	71.6	50.7	61.2	51.0	49.0
LG03-3755	55.1	68.4	53.2	68.8	44.8	56.3
LS02-0425	52.7	69.8	54.0	62.6	48.8	59.5
LS02-0455	57.2	78.2	63.9	63.4	45.9	59.8
LS02-1509	54.3	68.4	53.9	67.3	53.0	45.0
LS02-2213	57.1	71.9	56.5	67.9	55.6	50.3
K03-2037	51.9	68.1	50.8	53.6	60.6	41.6
K03-2054	48.7	58.0	42.4	51.3	55.7	47.4
K03-2897	60.8	76.1	66.2	61.6	59.2	52.6
K03-3496	54.3	67.3	53.7	55.6	50.0	45.6
C.V. (%)		5.0	9.4	6.3	8.8	8.6
L.S.D. (5%)		7.3	10.4	6.6	9.4	9.1
Row Sp. (IN.)		30	30	30	26	24
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	2

**PRELIMINARY TEST IV, 2005**

**YIELD (bu/a)**

Strain	Portageville				
	Ashland KS	Lexington KY	(Loam) MO	So. Charleston OH	Jackson TN
LN97-15076 (IV)	58.6	25.0	68.6	61.6	38.9
LS93-0375 (SCN)	56.9	30.5	67.0	58.8	40.7
Macon (III)	51.6	23.2	63.1	54.9	49.2
HM02-1247	44.5	23.2	59.4	54.3	30.2
HM02-1249	47.3	19.8	58.9	57.8	31.7
HS3-2644	49.7	31.4	58.0	57.3	35.0
LG03-1099	62.5	24.8	68.4	58.0	38.9
LG03-2561	55.2	29.9	69.5	59.9	39.9
LG03-2766	61.8	28.6	65.0	63.4	40.9
LG03-3191	54.3	31.4	69.5	65.4	39.9
LG03-3755	56.1	34.1	71.7	64.1	33.8
LS02-0425	46.7	29.1	68.4	53.8	34.8
LS02-0455	57.8	32.2	68.3	63.7	39.2
LS02-1509	54.8	30.7	72.3	58.0	39.9
LS02-2213	51.8	30.2	77.6	50.7	58.8
K03-2037	60.0	21.0	68.6	52.9	41.4
K03-2054	52.2	25.4	56.9	54.0	43.6
K03-2897	61.2	31.8	85.1	67.1	46.8
K03-3496	57.0	31.6	77.0	59.4	45.5
C.V. (%)	8.5	11.7	9.0	9.2	14.4
L.S.D. (5%)	9.7	5.1	12.9	ns	12.3
Row Sp. (IN.)	30	16	30	15	30
Rows/Plot	4	6	4	6	4
Reps	2	2	2	2	2



**PRELIMINARY TEST IV, 2005**

**YIELD RANK**

---

Strain	Mean 10 Tests	Belleville IL	Harrisburg IL	Urbana IL	Butlerville IN	Lafayette IN
LN97-15076 (IV)	13	10	16	13	10	14
LS93-0375 (SCN)	2	2	1	1	5	5
Macon (III)	14	7	15	11	15	7
HM02-1247	19	17	11	18	18	19
HM02-1249	18	18	17	15	19	12
HS3-2644	14	8	6	7	14	7
LG03-1099	7	9	18	5	7	1
LG03-2561	12	16	14	17	9	11
LG03-2766	5	4	4	12	8	10
LG03-3191	7	6	13	10	11	13
LG03-3755	6	12	10	2	17	4
LS02-0425	11	11	7	8	13	3
LS02-0455	3	1	3	6	16	2
LS02-1509	9	13	8	4	6	17
LS02-2213	4	5	5	3	4	9
K03-2037	16	14	12	16	1	18
K03-2054	17	19	19	19	3	15
K03-2897	1	3	2	9	2	6
K03-3496	9	15	9	14	12	16

---

**PRELIMINARY TEST IV, 2005**

**YIELD RANK**

Strain	Ashland KS	Lexington KY	Portageville (Loam) MO	So. Charleston OH	Jackson TN
LN97-15076 (IV)	5	14	8	6	13
LS93-0375 (SCN)	8	8	13	9	8
Macon (III)	15	16	15	14	2
HM02-1247	19	16	16	15	19
HM02-1249	17	19	17	12	18
HS3-2644	16	5	18	13	15
LG03-1099	1	15	10	10	13
LG03-2561	10	10	6	7	9
LG03-2766	2	12	14	5	7
LG03-3191	12	5	6	2	9
LG03-3755	9	1	5	3	17
LS02-0425	18	11	10	17	16
LS02-0455	6	2	12	4	12
LS02-1509	11	7	4	10	9
LS02-2213	14	9	2	19	1
K03-2037	4	18	8	18	6
K03-2054	13	13	19	16	5
K03-2897	3	3	1	1	3
K03-3496	7	4	3	8	4

**PRELIMINARY TEST IV, 2005**

**MATURITY (date)**

Strain	Mean 10 Tests	Belleville IL	Harrisburg IL	Urbana IL	Butlerville IN	Lafayette IN
LN97-15076 (IV)	9/21	9/25	9/17	9/23	9/29	9/24
LS93-0375 (SCN)	1.4	0	5	2	1	0
Macon (III)	-2.5	-4	-1	-2	0	-7
HM02-1247	-5.4	-9	-3	-5	-2	-11
HM02-1249	-4.5	-7	-4	-5	-2	-8
HS3-2644	-2.2	-5	2	-1	-3	-8
LG03-1099	-0.8	-3	0	-2	-2	-5
LG03-2561	2.8	1	6	6	-1	-3
LG03-2766	2.5	1	6	4	1	-2
LG03-3191	0.9	-1	5	0	1	-1
LG03-3755	1.1	0	6	6	1	-2
LS02-0425	0.8	1	7	-2	0	0
LS02-0455	1.4	-1	6	3	0	0
LS02-1509	0.4	0	5	2	-2	-2
LS02-2213	4.5	3	9	6	1	4
K03-2037	-2.1	-4	6	-4	-1	-7
K03-2054	-0.8	-5	2	-3	-1	-3
K03-2897	1.2	1	4	-1	-1	-3
K03-3496	0.5	-3	4	-1	-2	-3
Date Planted	5/9	5/12	5/13	5/5	5/11	5/7
Days to Mature	135	136	127	141	141	140

**PRELIMINARY TEST IV, 2005**

**MATURITY (date)**

Strain	Ashland KS	Lexington KY	Portageville (Loam) MO	So. Charleston OH	Jackson TN
LN97-15076 (IV)	10/1	9/20	9/12	9/25	9/13
LS93-0375 (SCN)	1	3	1	1	0
Macon (III)	-4	-4	-1	-3	0
HM02-1247	-3	-7	-3	-5	-7
HM02-1249	-2	-5	-2	-3	-7
HS3-2644	-4	4	-5	-7	5
LG03-1099	5	-4	-1	0	5
LG03-2561	2	8	2	7	0
LG03-2766	6	1	1	4	4
LG03-3191	-1	2	3	1	0
LG03-3755	1	-2	2	-1	0
LS02-0425	1	-2	3	0	0
LS02-0455	2	4	0	0	0
LS02-1509	9	-10	2	1	0
LS02-2213	2	4	4	8	5
K03-2037	1	-10	2	-2	-2
K03-2054	2	2	-1	1	-2
K03-2897	3	5	3	1	0
K03-3496	4	4	2	-1	0
Date Planted	5/23	5/4	5/4	5/4	5/12
Days to Mature	131	139	131	144	124

**PRELIMINARY TEST IV, 2005**

**LODGING (score)**

Strain	Mean 10 Tests	Belleville IL	Harrisburg IL	Urbana IL	Butlerville IN	Lafayette IN
LN97-15076 (IV)	2.0	1.0	4.0	2.0	2.3	1.0
LS93-0375 (SCN)	1.6	1.3	3.3	2.0	2.0	1.0
Macon (III)	1.9	1.3	4.0	2.0	2.0	1.3
HM02-1247	2.2	1.5	3.8	2.0	2.8	2.3
HM02-1249	2.3	1.5	3.8	2.0	3.8	2.0
HS3-2644	2.0	1.3	3.8	2.0	3.0	1.5
LG03-1099	2.4	1.5	4.3	2.0	3.0	1.8
LG03-2561	2.4	1.5	4.0	2.0	3.0	1.5
LG03-2766	2.1	2.0	3.5	2.0	2.3	1.3
LG03-3191	2.7	1.5	4.0	3.0	3.0	2.3
LG03-3755	2.1	1.5	4.0	2.0	2.0	1.3
LS02-0425	2.8	1.5	3.8	3.0	3.8	2.5
LS02-0455	2.2	1.5	3.5	2.0	3.3	1.3
LS02-1509	3.1	2.0	4.0	3.0	3.8	3.3
LS02-2213	1.7	1.5	3.3	2.0	1.3	1.0
K03-2037	3.0	2.0	4.0	3.0	3.8	3.0
K03-2054	2.3	1.5	3.0	2.0	3.0	2.0
K03-2897	2.1	1.5	3.8	2.0	2.0	2.0
K03-3496	2.4	1.5	3.5	2.0	2.8	2.0

**PRELIMINARY TEST IV, 2005****LODGING (score)**

---

Strain	Ashland KS	Lexington KY	Portageville (Loam) MO	So. Charleston OH	Jackson TN
LN97-15076 (IV)	1.0	1.0	3.5	1.7	2.3
LS93-0375 (SCN)	1.0	1.0	2.5	1.3	1.0
Macon (III)	1.0	1.0	2.5	1.2	3.0
HM02-1247	2.0	1.0	3.0	1.5	2.0
HM02-1249	2.0	1.0	3.5	1.5	2.3
HS3-2644	1.5	1.0	2.5	1.4	2.0
LG03-1099	2.0	1.0	3.5	2.0	3.0
LG03-2561	1.5	1.0	4.5	2.2	2.5
LG03-2766	2.5	1.0	3.0	1.6	2.0
LG03-3191	2.5	1.0	4.0	2.3	3.3
LG03-3755	2.0	1.0	3.5	1.6	1.8
LS02-0425	3.5	1.0	3.5	2.0	3.0
LS02-0455	2.0	1.0	4.0	1.3	2.5
LS02-1509	3.0	1.0	4.5	2.6	3.5
LS02-2213	1.0	1.0	2.5	1.4	2.0
K03-2037	3.0	1.0	4.5	2.3	3.8
K03-2054	2.5	1.0	3.5	1.7	2.5
K03-2897	2.0	1.0	3.0	1.5	2.5
K03-3496	2.0	1.0	4.0	1.5	3.5

---

**PRELIMINARY TEST IV, 2005**

**PLANT HEIGHT (Inches)**

---

Strain	Mean 10 Tests	Belleville IL	Harrisburg IL	Urbana IL	Butler ville IN	Lafayette IN
LN97-15076 (IV)	39	42	42	42	35	47
LS93-0375 (SCN)	38	48	40	38	36	43
Macon (III)	36	43	39	39	34	40
HM02-1247	38	40	46	41	37	46
HM02-1249	42	50	46	46	38	46
HS3-2644	37	46	40	42	34	42
LG03-1099	43	53	49	47	37	47
LG03-2561	37	44	42	38	35	45
LG03-2766	43	51	49	44	37	47
LG03-3191	40	47	46	39	36	47
LG03-3755	37	38	41	41	34	46
LS02-0425	46	57	56	50	43	51
LS02-0455	40	49	42	41	36	46
LS02-1509	41	46	45	45	37	48
LS02-2213	44	53	50	48	40	49
K03-2037	43	40	43	47	41	51
K03-2054	42	38	46	46	40	49
K03-2897	40	45	44	45	37	46
K03-3496	41	44	46	41	36	47

---

**PRELIMINARY TEST IV, 2005**

**PLANT HEIGHT (Inches)**

---

Strain	Ashland KS	Lexington KY	Portageville (Loam) MO	So. Charleston OH	Jackson TN
LN97-15076 (IV)	37	33	44	40	29
LS93-0375 (SCN)	38	32	41	35	27
Macon (III)	35	29	39	33	25
HM02-1247	36	33	35	38	32
HM02-1249	44	33	45	41	34
HS3-2644	35	30	41	33	29
LG03-1099	40	36	43	44	35
LG03-2561	37	28	40	35	26
LG03-2766	42	36	48	41	35
LG03-3191	39	34	41	42	29
LG03-3755	38	29	40	38	25
LS02-0425	44	34	48	43	32
LS02-0455	38	32	42	38	32
LS02-1509	39	33	47	43	31
LS02-2213	43	32	48	38	38
K03-2037	46	35	47	45	39
K03-2054	40	37	44	42	35
K03-2897	37	30	46	38	27
K03-3496	37	34	42	41	39

---



**PRELIMINARY TEST IV, 2005****SEED SIZE (g/100)**

---

Strain	Mean 10 Tests	Belleville IL	Harrisburg IL	Urbana IL	Butlerville IN	Lafayette IN
LN97-15076 (IV)	14.4	14.4	12.1	15.0	16.0	13.0
LS93-0375 (SCN)	15.1	14.8	13.7	16.7	16.1	14.6
Macon (III)	15.0	11.6	13.4	16.3	16.9	15.2
HM02-1247	12.4	12.8	11.3	11.8	13.1	11.5
HM02-1249	13.4	14.0	11.4	13.1	14.4	12.6
HS3-2644	15.6	17.0	15.3	18.3	15.7	15.1
LG03-1099	13.2	12.7	10.6	13.5	12.5	12.8
LG03-2561	15.8	16.4	13.6	16.4	16.1	15.7
LG03-2766	12.1	12.0	11.0	11.9	12.2	11.4
LG03-3191	14.7	14.8	12.7	14.8	13.7	13.6
LG03-3755	12.3	12.2	10.6	12.7	13.4	12.1
LS02-0425	16.1	17.0	15.1	15.4	16.9	15.6
LS02-0455	15.5	15.7	14.1	16.0	16.8	15.2
LS02-1509	15.2	14.4	12.8	15.5	15.0	14.0
LS02-2213	14.1	14.6	13.3	15.1	13.7	13.0
K03-2037	14.9	15.2	13.9	14.3	15.5	13.2
K03-2054	14.4	13.7	13.1	14.3	15.7	13.9
K03-2897	13.5	13.8	11.9	13.1	12.9	12.6
K03-3496	14.0	14.0	11.7	14.2	14.1	11.8

---

**PRELIMINARY TEST IV, 2005****SEED SIZE (g/100)**

---

Strain	Ashland	Lexington	Portageville	So. Charleston	Jackson
	KS	KY	(Loam) MO	OH	TN
LN97-15076 (IV)	14.6	12.4	16.6	16.5	13.5
LS93-0375 (SCN)	14.8	14.0	16.2	16.2	14.0
Macon (III)	15.1	13.9	16.1	16.1	15.0
HM02-1247	12.7	11.2	13.2	13.4	13.0
HM02-1249	13.9	12.0	15.3	14.8	12.5
HS3-2644	15.5	14.1	15.2	16.3	14.0
LG03-1099	15.6	11.4	15.3	14.0	14.0
LG03-2561	16.5	14.2	17.1	17.8	14.5
LG03-2766	13.8	11.7	12.9	13.3	11.0
LG03-3191	16.7	15.7	17.2	15.0	13.0
LG03-3755	13.6	12.1	13.7	12.0	11.0
LS02-0425	17.8	15.1	17.8	16.8	14.0
LS02-0455	16.9	15.1	14.0	17.4	13.5
LS02-1509	17.4	16.1	15.5	16.7	14.5
LS02-2213	14.2	12.8	15.4	15.9	13.5
K03-2037	17.6	14.6	15.5	15.8	13.5
K03-2054	16.4	12.4	14.5	16.2	14.0
K03-2897	14.9	12.7	15.8	14.0	13.0
K03-3496	15.3	14.6	15.1	15.4	14.0

---

**PRELIMINARY TEST IV, 2005****SEED QUALITY (score)**

---

Strain	Mean 10 Tests	Belleville IL	Harrisburg IL	Urbana IL	Butlerville IN	Lafayette IN
LN97-15076 (IV)	2.3	1.0	2.0	2.0	2.0	2.0
LS93-0375 (SCN)	1.9	1.0	2.0	2.0	1.0	1.5
Macon (III)	2.0	1.0	2.0	1.0	1.0	1.5
HM02-1247	1.8	1.0	2.0	1.0	1.0	1.5
HM02-1249	1.7	1.0	2.0	1.0	1.0	1.5
HS3-2644	2.5	2.0	4.0	2.0	1.0	2.0
LG03-1099	2.3	1.0	3.0	2.0	1.0	2.5
LG03-2561	2.1	1.0	3.0	3.0	1.0	2.0
LG03-2766	1.9	1.0	2.0	2.0	1.0	1.5
LG03-3191	2.2	1.0	2.0	2.0	1.5	2.5
LG03-3755	2.4	2.0	3.0	3.0	1.0	2.0
LS02-0425	2.9	3.0	4.0	3.0	2.0	2.0
LS02-0455	2.1	2.0	3.0	2.0	1.0	1.5
LS02-1509	2.0	1.0	2.0	2.0	1.5	1.5
LS02-2213	1.9	1.0	2.0	2.0	1.0	2.0
K03-2037	2.2	2.0	3.0	2.0	1.0	2.0
K03-2054	2.1	1.0	2.0	2.0	1.0	1.5
K03-2897	1.8	1.0	2.0	2.0	1.0	1.5
K03-3496	1.9	1.0	2.0	2.0	1.5	1.5

---

**PRELIMINARY TEST IV, 2005****SEED QUALITY (score)**

---

Strain	Ashland	Lexington	Portageville	So. Charleston	Jackson
	KS	KY	(Loam) MO	OH	TN
LN97-15076 (IV)	2.0	2.0	4.0	2.5	3.0
LS93-0375 (SCN)	2.0	2.0	4.0	1.4	1.8
Macon (III)	3.0	3.0	4.0	1.2	2.3
HM02-1247	2.0	2.0	4.0	1.4	2.3
HM02-1249	2.0	2.0	3.0	1.7	2.0
HS3-2644	3.0	3.0	3.0	1.7	3.5
LG03-1099	3.0	2.0	3.0	1.8	3.3
LG03-2561	3.0	1.0	3.0	1.8	2.3
LG03-2766	3.0	2.0	3.0	1.5	2.0
LG03-3191	3.0	2.0	4.0	1.7	2.3
LG03-3755	3.0	2.0	4.0	2.0	2.0
LS02-0425	4.0	3.0	3.0	2.1	2.5
LS02-0455	2.0	3.0	3.0	1.7	2.0
LS02-1509	3.0	2.0	3.0	1.7	2.3
LS02-2213	2.0	2.0	3.0	2.5	1.8
K03-2037	2.0	2.0	4.0	1.5	2.8
K03-2054	2.0	3.0	4.0	1.8	2.5
K03-2897	2.0	2.0	3.0	1.8	1.8
K03-3496	2.0	2.0	3.0	1.5	2.0

---

**PRELIMINARY TEST IV, 2005****PROTEIN (%)**

---

Strain	Mean 5 Tests	Urbana IL	Butlerville IN	Ashland KS	Portageville (Loam) MO	So. Charleston OH
LN97-15076 (IV)	41.6	41.2	42.0	42.1	40.9	41.7
LS93-0375 (SCN)	40.8	41.6	40.9	39.5	40.2	41.7
Macon (III)	39.8	40.5	38.8	39.6	39.9	40.2
HM02-1247	38.7	38.6	38.1	38.4	40.5	37.8
HM02-1249	39.6	38.9	39.4	40.0	40.1	39.6
HS3-2644	39.8	40.8	38.5	40.3	40.7	38.8
LG03-1099	39.2	39.8	35.2	40.6	41.0	39.5
LG03-2561	42.1	43.2	40.2	41.1	42.5	43.4
LG03-2766	39.4	40.6	36.9	37.6	40.6	41.2
LG03-3191	41.1	41.8	40.0	41.2	42.2	40.3
LG03-3755	39.2	40.1	39.5	37.9	41.0	37.5
LS02-0425	39.9	38.8	39.4	41.2	40.2	40.1
LS02-0455	38.5	39.4	36.9	39.9	37.6	39.0
LS02-1509	40.7	40.9	39.7	40.3	41.8	40.9
LS02-2213	38.4	38.4	36.4	38.9	39.2	39.0
K03-2037	38.1	38.2	36.7	38.7	39.5	37.3
K03-2054	39.7	38.8	38.9	41.5	40.6	38.8
K03-2897	38.9	40.4	36.7	39.9	39.9	37.6
K03-3496	39.8	41.3	39.3	39.1	40.8	38.6

---

**PRELIMINARY TEST IV, 2005**

**OIL (%)**

Strain	Mean 5 Tests	Urbana IL	Butlerville IN	Ashland KS	Portageville (Loam) MO	So. Charleston OH
LN97-15076 (IV)	20.3	20.6	20.4	19.4	21.2	20.0
LS93-0375 (SCN)	20.2	19.6	19.7	21.2	21.2	19.3
Macon (III)	21.0	21.4	20.4	20.7	22.4	20.0
HM02-1247	22.0	22.2	21.6	21.7	23.3	21.1
HM02-1249	21.3	22.0	22.1	20.4	21.3	20.7
HS3-2644	21.5	20.3	21.7	21.4	22.6	21.4
LG03-1099	21.6	21.4	23.0	21.5	21.9	20.2
LG03-2561	20.1	19.5	20.5	20.6	21.0	18.7
LG03-2766	21.4	20.7	22.4	22.1	21.8	20.3
LG03-3191	20.7	20.4	21.0	20.6	21.1	20.4
LG03-3755	20.7	20.2	20.5	21.8	20.3	20.7
LS02-0425	19.7	20.2	20.1	19.6	20.0	18.7
LS02-0455	21.0	20.1	21.5	20.7	22.3	20.1
LS02-1509	20.1	20.6	20.6	19.8	20.4	19.4
LS02-2213	20.3	20.7	20.7	20.3	20.2	19.6
K03-2037	20.8	20.7	21.0	20.5	22.0	19.7
K03-2054	20.0	20.1	20.0	19.4	21.3	19.0
K03-2897	21.4	21.1	21.9	21.1	22.0	20.9
K03-3496	21.8	21.5	21.4	22.3	22.4	21.3

### Uniform Test 00 Roundup-Ready, 2005

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	NK S00-J4 (00)	na	new		
2.	RG200RR	Traill*3 x (Council x Resnick(RR))	UT0-RR		RR
3.	AG0301	na	new		
4.	ND02-7887	Walsh x RG200RR	new	F3	Rps6
5.	ND02-7895	Walsh x RG200RR	new	F3	Rps6
6.	ND02-8093	Walsh x RG200RR	new	F3	Rps6
7.	ND02-8094	Walsh x RG200RR	new	F3	Rps6
8.	ND02-8320	RG200RR x ND95-6634	new	F3	Rps1k
9.	ND02-8614	RG200RR x RG405RR	new	F3	Rps6
10.	ND02-8647	RG200RR x RG405RR	new	F3	Rps6
11.	ND02-8674	RG200RR x RG405RR	new	F3	Rps6
12.	ND02-8766	RG200RR x RG405RR	new	F3	Rps6
13.	ND02-8778	RG200RR x RG405RR	new	F3	Rps6
14.	ND02-8786	RG200RR x RG405RR	new	F3	Rps6
15.	ND02-8790	RG200RR x RG405RR	new	F3	Rps6
16.	ND02-8796	RG200RR x RG405RR	new	F3	Rps6
17.	ND02-8807	RG200RR x RG405RR	new	F3	Rps6
18.	OT02-07 RR	Resnick BC2F2/2 x OAC Erin(X4408)/AC Orford	new	F5	
19.	OT03-08 RR	Resnick BC2F2/2 x Alta(X4410)/Korada	new	F5	

**UNIFORM TEST 00 Roundup-Ready, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	Fe Chlorosis	Shattering	PR	
		Score Wilkin Co. MN	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7
NK S00-J4 (00)	PGTDYYI	2.8	1.0	H	R
RG200RR	PTBDYLgrI	2.5	1.0	S	S
AG0301	PTBDYBrI	2.5	1.0	R	R
ND02-7887	PTBDYYI	2.3	1.0	R	S
ND02-7895	PTBDYYI	2.8	1.0	R	S
ND02-8093	PTBDYYI	2.0	1.0	R	S
ND02-8094	PTBIYYI	1.8	1.0	R	S
ND02-8320	PTBIYYI	2.5	1.0	R	H*
ND02-8614	PTBDYBrI	2.5	1.0	R	S
ND02-8647	PTBIYYI	2.3	1.0	R	S
ND02-8674	PTBSYBr+YI	2.2	2.0	R	S
ND02-8766	PTBDYYI	3.0	1.0	R	S
ND02-8778	PTBDYBrI	2.5	1.0	R	S
ND02-8786	PTBDYYI	3.0	1.0	R	S
ND02-8790	PTBDYBrI	3.0	2.0	R	S
ND02-8796	PTBDYBr+YI	2.7	2.0	R	S
ND02-8807	PTBDYBrI	2.5	1.0	R	S
OT02-07 RR	PTBDYYI	2.3	1.0	S	S
OT03-08 RR	PTBDYYI	2.5	1.0	R	S

\* = entry/*Phytophthora sojae* race reaction questionable.



**UNIFORM TEST 00 Roundup-Ready, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	6 bu/a	6 No.	7 Date	7 Score	5 Height In	7 Size g/100	6 Quality Score	7 Protein %	7 Oil %
NK S00-J4 (00)	44.5	15	9/9	1.0	22	14.6	1.5	36.8	21.9
RG200RR	45.2	10	1.1	1.2	27	14.9	1.2	39.7	20.3
AG0301	49.3	3	6.7	1.1	31	15.3	1.8	36.5	21.5
ND02-7887	40.8	19	-1.6	1.0	25	15.7	1.0	39.0	20.8
ND02-7895	48.4	4	1.7	1.0	28	17.1	1.1	39.2	20.6
ND02-8093	45.4	13	-0.9	1.0	26	16.4	1.1	39.1	20.8
ND02-8094	43.8	18	-0.9	1.0	24	14.7	1.1	38.5	20.8
ND02-8320	46.5	8	-1.4	1.0	27	14.9	1.2	38.8	20.4
ND02-8614	44.7	14	-0.3	1.2	28	16.0	1.5	38.8	21.3
ND02-8647	47.0	5	4.1	1.0	31	15.3	1.1	39.7	21.1
ND02-8674	49.6	2	0.4	1.1	28	18.0	1.1	38.6	21.6
ND02-8766	47.3	5	1.9	1.1	28	15.8	1.1	37.7	22.1
ND02-8778	44.1	17	-3.3	1.0	29	16.3	1.2	39.5	21.2
ND02-8786	48.2	5	1.9	1.1	29	16.3	1.1	38.1	21.9
ND02-8790	45.6	11	0.0	1.0	28	15.9	1.1	37.5	21.4
ND02-8796	44.3	16	3.6	1.1	30	15.9	1.1	39.2	21.5
ND02-8807	47.0	8	-1.9	1.0	27	16.2	1.5	38.9	21.3
OT02-07 RR	44.8	12	-2.9	1.0	26	15.3	1.5	39.1	21.2
OT03-08 RR	52.8	1	8.6	1.1	35	16.5	1.7	38.7	20.6

109.3 Days After Planting

**UNIFORM TEST 00 Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Mean 6 Tests	Crookston MN	Moorhead* MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Hyacinthe Que.
NK S00-J4 (00)	44.5	34.6	14.2	36.6	50.5	40.4	39.6	65.5
RG200RR	45.2	35.0	33.5	47.5	53.2	40.1	32.6	62.5
AG0301	49.3	41.9	49.4	42.5	52.8	46.5	45.9	66.1
ND02-7887	40.8	30.9	26.2	31.8	52.2	40.5	34.4	55.1
ND02-7895	48.4	39.6	33.2	42.6	52.5	46.4	40.9	68.6
ND02-8093	45.4	38.0	30.1	37.6	53.1	46.8	37.2	59.9
ND02-8094	43.8	40.7	34.7	31.4	52.0	44.7	34.6	59.5
ND02-8320	46.5	40.6	31.2	42.9	51.8	40.7	37.7	65.4
ND02-8614	44.7	36.0	33.0	37.5	50.4	40.2	40.3	63.5
ND02-8647	47.0	38.1	39.7	38.0	52.7	42.2	43.1	67.6
ND02-8674	49.6	38.8	34.2	47.7	53.5	47.0	42.6	68.0
ND02-8766	47.3	37.5	39.1	46.9	51.7	43.1	39.7	64.9
ND02-8778	44.1	35.6	34.2	36.1	51.9	45.9	36.5	58.8
ND02-8786	48.2	39.9	36.8	45.0	48.5	45.5	41.5	69.0
ND02-8790	45.6	41.8	29.9	42.3	52.1	42.5	36.0	59.0
ND02-8796	44.3	38.0	29.2	35.6	52.5	42.9	35.5	61.2
ND02-8807	47.0	39.9	32.9	37.3	52.8	44.8	37.3	70.1
OT02-07 RR	44.8	38.2	33.0	40.0	52.9	39.5	29.3	68.8
OT03-08 RR	52.8	43.2	49.6	50.3	52.8	39.7	52.1	78.6
C.V. (%)		11.9	18.5	16.9	4.8	5.8	8.6	4.8
L.S.D. (5%)		7.2	10.2	11.0	4.0	4.3	5.5	5.4
Row Sp. (in.)		12	10	10	30	30	16	12
Rows/Plot		8	8	8	4	4	4	4
Reps		3	3	3	3	3	3	2

\*Data not included in mean.

**UNIFORM TEST 00 Roundup-Ready, 2005**

**YIELD RANK**

Strain	Yield Rank	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Bruno Montarville Que.
NK S00-J4 (00)	15	18	19	15	17	15	9	9
RG200RR	10	17	9	3	2	17	18	13
AG0301	3	2	2	8	5	3	2	8
ND02-7887	19	19	18	18	11	14	17	19
ND02-7895	4	8	10	7	9	4	6	5
ND02-8093	13	12	15	12	3	2	12	15
ND02-8094	18	4	6	19	13	8	16	16
ND02-8320	8	5	14	6	15	13	10	10
ND02-8614	14	15	11	13	18	16	7	12
ND02-8647	5	11	3	11	8	12	3	7
ND02-8674	2	9	7	2	1	1	4	6
ND02-8766	5	14	4	4	16	9	8	11
ND02-8778	17	16	7	16	14	5	13	18
ND02-8786	5	6	5	5	19	6	5	3
ND02-8790	11	3	16	9	12	11	14	17
ND02-8796	16	12	17	17	9	10	15	14
ND02-8807	8	6	13	14	5	7	11	2
OT02-07 RR	12	10	11	10	4	19	19	4
OT03-08 RR	1	1	1	1	5	18	1	1

**UNIFORM TEST 00 Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Mean 7 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Bruno Montarville Que.
NK S00-J4 (00)	9/9	9/1	9/5	9/15	9/14	9/12	9/14	9/3
RG200RR	1.1	0	4	3	-2	0	4	-1
AG0301	6.7	2	7	10	3	8	10	7
ND02-7887	-1.6	-1	2	-1	-9	0	1	-3
ND02-7895	1.7	0	3	1	-2	5	5	0
ND02-8093	-0.9	0	2	-3	-5	1	4	-5
ND02-8094	-0.9	0	1	1	-7	1	1	-3
ND02-8320	-1.4	-1	3	0	-7	2	0	-7
ND02-8614	-0.3	0	5	-1	-5	0	0	-1
ND02-8647	4.1	1	7	6	3	7	4	1
ND02-8674	0.4	0	5	0	-4	1	2	-1
ND02-8766	1.9	0	4	2	0	2	5	0
ND02-8778	-3.3	-1	1	-5	-9	-2	-1	-6
ND02-8786	1.9	1	5	4	-6	1	7	1
ND02-8790	0.0	0	2	1	-4	1	1	-1
ND02-8796	3.6	1	6	5	0	6	6	1
ND02-8807	-1.9	0	2	-2	-6	-2	4	-9
OT02-07 RR	-2.9	0	3	-3	-9	-1	-2	-8
OT03-08 RR	8.6	2	15	11	6	8	10	8
Date Planted	5/22	5/18	5/20	5/19	5/31	5/27	6/2	5/12
Days to Mature	109	106	108	119	106	108	104	114

**UNIFORM TEST 00 Roundup-Ready, 2005**

**LODGING (score)**

Strain	Mean 7 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Bruno Montarville Que.
NK S00-J4 (00)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
RG200RR	1.2	1.0	1.0	1.3	1.0	1.0	1.0	1.8
AG0301	1.1	1.0	1.0	1.3	1.0	1.0	1.0	1.3
ND02-7887	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-7895	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-8093	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-8094	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-8320	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3
ND02-8614	1.2	1.0	1.0	1.0	1.0	1.0	1.6	2.0
ND02-8647	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3
ND02-8674	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.5
ND02-8766	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.3
ND02-8778	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-8786	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.5
ND02-8790	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0
ND02-8796	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.5
ND02-8807	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
OT02-07 RR	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
OT03-08 RR	1.1	1.0	1.0	1.0	1.0	1.0	1.5	1.0

**UNIFORM TEST 00 Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Bruno Montarville Que.
NK S00-J4 (00)	22		11	13	27		26	35
RG200RR	27		18	27	27		28	36
AG0301	31		24	29	31		30	40
ND02-7887	25		17	22	29		26	33
ND02-7895	28		19	23	30		30	38
ND02-8093	26		19	21	28		25	35
ND02-8094	24		17	24	25		22	34
ND02-8320	27		17	26	27		26	37
ND02-8614	28		19	26	27		29	39
ND02-8647	31		23	26	33		30	43
ND02-8674	28		19	27	27		27	40
ND02-8766	28		20	28	27		26	40
ND02-8778	29		20	27	30		28	39
ND02-8786	29		20	27	28		28	40
ND02-8790	28		17	24	31		28	39
ND02-8796	30		20	28	34		30	38
ND02-8807	27		18	26	28		26	39
OT02-07 RR	26		20	23	25		26	35
OT03-08 RR	35		27	28	33		34	51

**UNIFORM TEST 00 Roundup-Ready, 2005**

**SEED SIZE (g/100)**

Strain	Mean 7 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Bruno Montarville Que.
NK S00-J4 (00)	14.6	12.7	14.0	14.8	15.0	14.6	15.4	15.6
RG200RR	14.9	13.1	16.0	13.8	15.6	13.9	15.7	16.4
AG0301	15.3	13.8	15.6	14.7	15.4	14.6	16.5	16.4
ND02-7887	15.7	14.6	14.5	15.1	16.6	15.6	16.1	17.1
ND02-7895	17.1	15.9	16.6	15.8	17.9	16.4	18.1	18.7
ND02-8093	16.4	15.2	15.6	15.5	17.4	16.3	17.3	17.7
ND02-8094	14.7	13.2	13.9	14.7	15.3	14.8	15.3	15.7
ND02-8320	14.9	13.8	14.8	15.0	15.5	14.0	15.8	15.5
ND02-8614	16.0	13.5	15.2	15.6	16.7	16.3	17.1	17.4
ND02-8647	15.3	14.2	15.5	14.5	14.6	14.2	16.8	17.2
ND02-8674	18.0	17.1	18.7	15.8	18.3	17.4	19.8	18.8
ND02-8766	15.8	13.8	15.8	16.1	16.1	15.1	17.2	16.5
ND02-8778	16.3	14.6	16.1	15.1	16.2	16.5	17.6	17.7
ND02-8786	16.3	16.0	16.3	14.6	16.5	15.2	17.9	17.9
ND02-8790	15.9	14.9	16.4	15.2	16.0	15.6	16.9	16.6
ND02-8796	15.9	15.0	15.6	16.1	15.5	14.8	17.4	17.0
ND02-8807	16.2	14.3	15.9	15.5	17.7	15.7	16.8	17.5
OT02-07 RR	15.3	13.3	14.9	14.5	14.5	15.6	17.2	16.9
OT03-08 RR	16.5	16.8	16.8	13.5	15.4	15.0	18.8	19.0

**UNIFORM TEST 00 Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Bruno Montarville Que.
NK S00-J4 (00)	1.5	1.0	1.5	1.5	2.0	2.0	1.0	
RG200RR	1.2	1.0	1.0	1.0	1.0	2.0	1.3	
AG0301	1.8	1.0	2.0	2.0	2.0	2.0	1.7	
ND02-7887	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
ND02-7895	1.1	1.0	1.0	1.0	1.0	1.0	1.3	
ND02-8093	1.1	1.0	1.0	1.0	1.0	1.0	1.3	
ND02-8094	1.1	1.0	1.0	1.0	1.0	1.0	1.7	
ND02-8320	1.2	1.5	1.0	1.0	1.0	1.0	1.7	
ND02-8614	1.5	1.5	1.0	1.5	1.0	2.0	1.7	
ND02-8647	1.1	1.0	1.0	1.0	1.0	1.0	1.3	
ND02-8674	1.1	1.0	1.0	1.0	1.0	1.0	1.7	
ND02-8766	1.1	1.0	1.0	1.0	1.0	1.0	1.3	
ND02-8778	1.2	1.0	1.0	1.0	1.0	2.0	1.0	
ND02-8786	1.1	1.0	1.0	1.0	1.0	1.0	1.3	
ND02-8790	1.1	1.0	1.0	1.0	1.0	1.0	1.3	
ND02-8796	1.1	1.0	1.0	1.0	1.0	1.0	1.3	
ND02-8807	1.5	1.0	2.0	1.0	1.0	2.0	1.7	
OT02-07 RR	1.5	1.5	1.5	1.0	1.0	2.0	1.7	
OT03-08 RR	1.7	1.5	1.5	1.0	2.0	3.0	1.0	



**UNIFORM TEST 00 Roundup-Ready, 2005**

**PROTEIN (%)**

Strain	Mean 7 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Bruno Montarville Que.
NK S00-J4 (00)	36.8	33.3	34.7	33.9	39.4	40.1	38.6	37.4
RG200RR	39.7	40.0	37.6	37.0	41.3	40.7	40.9	40.2
AG0301	36.5	34.3	33.8	32.8	39.4	39.2	39.0	36.9
ND02-7887	39.0	37.9	36.4	36.8	40.6	40.6	40.8	39.7
ND02-7895	39.2	38.2	38.5	36.5	41.0	41.0	40.5	39.0
ND02-8093	39.1	37.0	37.0	37.0	40.9	40.5	40.9	40.1
ND02-8094	38.5	36.8	36.3	36.2	40.3	40.1	40.4	39.7
ND02-8320	38.8	36.7	37.6	36.6	40.3	39.7	40.6	39.9
ND02-8614	38.8	36.5	38.1	36.0	40.9	40.1	40.6	39.7
ND02-8647	39.7	39.5	38.1	37.6	41.2	40.2	41.5	40.0
ND02-8674	38.6	38.0	36.9	35.3	40.5	39.5	40.6	39.1
ND02-8766	37.7	35.6	35.0	35.5	40.4	39.5	39.9	38.2
ND02-8778	39.5	37.5	38.8	37.4	40.6	40.6	41.5	40.4
ND02-8786	38.1	37.0	36.1	34.6	40.8	39.8	40.3	38.5
ND02-8790	37.5	36.0	33.5	34.7	40.6	40.0	39.5	38.0
ND02-8796	39.2	39.0	36.6	38.2	40.7	40.3	40.5	39.4
ND02-8807	38.9	35.9	38.1	37.6	40.7	40.4	40.0	39.4
OT02-07 RR	39.1	36.9	39.2	36.7	40.6	40.2	41.2	39.1
OT03-08 RR	38.7	38.4	34.6	37.5	40.2	40.0	41.0	39.2

**UNIFORM TEST 00 Roundup-Ready, 2005**

**OIL (%)**

Strain	Mean 7 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Northwood ND	Beachburg Ont.	St. Bruno Montarville Que.
NK S00-J4 (00)	21.9	20.6	22.8	20.5	22.3	22.1	21.7	22.9
RG200RR	20.3	18.5	20.3	19.0	21.4	21.3	20.5	21.3
AG0301	21.5	20.6	21.2	20.6	22.3	21.9	21.3	22.4
ND02-7887	20.8	19.2	20.9	19.5	21.9	22.2	20.5	21.5
ND02-7895	20.6	19.1	19.8	20.0	21.6	21.2	20.7	21.9
ND02-8093	20.8	18.9	20.9	20.0	21.7	21.5	20.6	21.6
ND02-8094	20.8	19.3	21.0	20.0	22.1	21.5	20.5	21.1
ND02-8320	20.4	18.8	19.9	19.4	21.6	21.6	20.4	21.1
ND02-8614	21.3	20.4	20.6	20.8	22.0	22.1	21.2	22.0
ND02-8647	21.1	19.2	20.7	20.5	21.9	22.1	21.1	22.3
ND02-8674	21.6	19.9	21.4	21.3	22.3	22.3	21.4	22.8
ND02-8766	22.1	21.0	22.7	21.3	22.3	22.3	22.1	23.2
ND02-8778	21.2	20.0	20.7	20.2	22.1	21.9	21.1	22.2
ND02-8786	21.9	19.6	22.7	21.7	22.3	22.0	21.6	23.2
ND02-8790	21.4	19.4	22.6	20.6	21.9	21.9	21.2	22.1
ND02-8796	21.5	19.7	21.8	20.0	22.2	22.0	21.9	22.6
ND02-8807	21.3	20.3	21.0	19.8	22.1	22.0	21.6	22.1
OT02-07 RR	21.2	20.2	20.8	19.8	22.1	21.9	21.3	22.6
OT03-08 RR	20.6	18.8	20.4	19.2	22.0	21.8	20.6	21.3

**Uniform Test 0 Roundup-Ready, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	RG405RR (0)	Barnes*3 x (Council x Resnick(RR))	1	F3	Rps 6
2.	RG200RR	Traill*3 x (Council x Resnick(RR))	1		RR
3.	AG0801		1		
4.	SD1091RR (L)	Surge (3) x ResnikRR	1	F4	RR, Seg Rps1-a
5.	M97-304146RR	Surge x M96-136-20	1	F5	RR
6.	ND96-8929E	Walsh*3 x ND92-2381(RR)	PT0-RR	F4	Rps 6
7.	SD00-1251R	(Surge x ResnikRR) x Surge	1	F4	RR, Rps1-k
8.	SD00-1258R	(Surge x ResnikRR) x Surge	1	F4	RR, Rps1-k
9.	SDX00R-020-18	MN0902 x SD93-828R	1	F4	RR, Rps1-a
10.	SDX00R-035-39	A97-771039 x SD1081RR	1	F4	RR
11.	SD01-187R	SD96-170 (1) x SD1091RR	PT0-RR	F5	RR

**UNIFORM TEST 0 Roundup-Ready, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	<u>Shattering</u>	<u>Chlorosis</u>	Lafayette	
		Score Manhattan KS	Score Wilkin Co. MN	Race 4	Race 7
RG405RR	PGBDYBfi	1.0	2.0	R	S
RG200RR	PTBDYLgrI	2.0	2.3	S	S
AG0801	PTBIYBII	1.0	2.3	R*	R
SD1091RR (L)	PGBDYIbi	1.0	2.0	S	S
M97-304146RR	PGBDYBfi	1.0	2.0	S	S
ND96-8929E	PGBDYLgrI	1.0	2.0	R	S
SD00-1251R	PTTDYBII	1.0	2.3	R	R
SD00-1258R	PTBDYBII	1.0	2.3	R	R
SDX00R-020-18	PTBDYBrI	1.0	2.0	S	S
SDX00R-035-39	PGBDYIYI	1.0	2.0	S	S
SD01-187R	PGBDYBfi	1.0	2.0	R	R

\* = entry/*Phytophthora sojae* race reaction questionable.

**UNIFORM TEST 0 Roundup-Ready, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 10 bu/a	Rank 10 No.	Maturity 10 Date	Lodging 10 Score	Plant Height 9 In.	Seed Size 10 g/100	Seed Quality 7 Score	<u>Composition</u>	
								Protein 7 %	Oil 7 %
RG405RR (0)	46.8	9	9/9	1.8	35	16.6	1.7	38.5	21.8
RG200RR	42.4	11	-3.9	1.8	30	14.6	1.6	40.2	20.0
AG0801	52.5	3	3.7	1.7	35	15.9	1.4	38.5	20.6
SD1091RR (L)	49.5	6	6.4	1.8	35	18.0	1.5	40.8	20.5
M97-304146RR	50.0	4	3.4	1.6	35	15.9	1.8	39.1	20.7
ND96-8929E	44.2	10	-2.5	1.4	30	15.2	1.5	39.4	20.5
SD00-1251R	49.8	5	5.2	1.6	34	16.6	1.4	40.0	20.5
SD00-1258R	48.7	7	6.3	1.5	33	16.6	1.6	40.6	20.0
SDX00R-020-18	54.6	1	9.2	1.5	36	18.0	1.4	38.7	21.1
SDX00R-035-39	52.6	2	5.7	1.9	37	15.3	1.6	38.2	21.1
SD01-187R	48.2	8	6.4	1.5	34	15.3	1.7	39.5	21.0

111.1 Days After Planting

**UNIFORM TEST 0 Roundup-Ready, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield 18 bu/a	Rank 18 No.	Maturity 20 Date	Lodging 19 Score	Plant Height 18 In.	Seed Size 20 g/100	Seed Quality 15 Score	<u>Composition</u>	
								Protein 12 %	Oil 12 %
RG405RR	40.3	8	9/13	1.4	31	15.8	1.8	39.3	20.7
RG200RR	36.8	9	-3.8	1.4	27	14.3	1.6	40.6	19.2
AG0801	45.1	2	2.9	1.4	31	15.3	1.6	39.5	19.8
SD1091RR (L)	42.1	7	6.1	1.4	30	17.0	1.5	41.2	19.7
M97-304146RR	42.5	4	2.7	1.3	32	15.2	1.7	40.1	20.0
SD00-1251R	42.5	4	5.0	1.3	30	16.1	1.6	40.8	19.7
SD00-1258R	42.2	6	6.3	1.3	29	16.2	1.6	41.2	19.4
SDX00R-020-18	46.6	1	9.2	1.3	31	17.6	1.6	39.2	20.5
SDX00R-035-39	44.6	3	5.7	1.5	33	14.5	1.6	30.3	20.3

119.0 Days After Planting

**UNIFORM TEST 0 Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Mean 10 Tests	Grand Traverse Co. MI	Montmorency Co. MI	Morris MN	Rosemount MN	Casselton ND
RG405RR (0)	46.8	35.5	42.3	52.9	44.1	48.9
RG200RR	42.4	27.1	32.8	49.5	49.6	44.6
AG0801	52.5	41.3	47.5	63.6	58.3	51.6
SD1091RR (L)	49.5	39.2	42.4	54.4	52.1	48.2
M97-304146RR	50.0	42.1	42.4	60.4	54.7	51.1
ND96-8929E	44.2	27.5	36.7	49.6	44.9	43.2
SD00-1251R	49.8	40.1	44.2	60.0	42.4	49.3
SD00-1258R	48.7	39.2	36.9	53.9	45.7	53.2
SDX00R-020-18	54.6	48.6	50.1	69.3	58.8	50.0
SDX00R-035-39	52.6	48.5	43.6	63.2	42.6	52.3
SD01-187R	48.2	41.7	41.3	59.4	42.0	49.9
C.V. (%)		12.8	7.2	6.4	14.9	5.3
L.S.D. (5%)		9.0	5.4	6.2	12.3	4.4
Row Sp. (In.)		15	15	10	10	30
Rows/Plot		6	6	8	8	4
Reps		2	2	3	3	3

**UNIFORM TEST 0 Roundup-Ready, 2005**

**YIELD RANK**

Strain	Yield Rank	Grand Traverse Co. MI	Montmorency Co. MI	Morris MN	Rosemount MN	Casselton ND
RG405RR (0)	9	9	7	9	8	8
RG200RR	11	11	11	11	5	10
AG0801	3	5	2	2	2	3
SD1091RR (L)	6	7	5	7	4	9
M97-304146RR	4	3	6	4	3	4
ND96-8929E	10	10	10	10	7	11
SD00-1251R	5	6	3	5	10	7
SD00-1258R	7	8	9	8	6	1
SDX00R-020-18	1	1	1	1	1	5
SDX00R-035-39	2	2	4	3	9	2
SD01-187R	8	4	8	6	11	6

**UNIFORM TEST 0 Roundup-Ready, 2005****YIELD (bu/a)**

Strain	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Volga SD	Watertown SD
RG405RR (0)	39.0	72.5	46.7	37.9	48.4
RG200RR	39.7	62.0	41.9	30.0	46.9
AG0801	43.2	70.7	54.0	42.7	52.2
SD1091RR (L)	43.1	69.5	50.6	45.9	49.5
M97-304146RR	40.3	71.2	52.8	38.1	46.9
ND96-8929E	43.3	62.8	45.0	39.2	50.0
SD00-1251R	42.5	80.5	51.9	43.6	43.8
SD00-1258R	43.9	74.6	50.0	43.0	46.3
SDX00R-020-18	51.0	80.8	51.0	41.9	44.1
SDX00R-035-39	48.3	84.6	54.0	40.4	48.5
SD01-187R	43.7	64.9	53.0	43.7	42.6
C.V. (%)	8.2	4.8	5.6	9.8	11.1
L.S.D. (5%)	6.2	6.2	4.7	6.7	8.7
Row Sp. (In.)	16	12	30	30	30
Rows/Plot	4	4	4	4	4
Reps	3	2	3	3	3

**UNIFORM TEST 0 Roundup-Ready, 2005****YIELD RANK**

Strain	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Volga SD	Watertown SD
RG405RR (0)	11	5	9	10	5
RG200RR	10	11	11	11	6
AG0801	6	7	1	5	1
SD1091RR (L)	7	8	7	1	3
M97-304146RR	9	6	4	9	6
ND96-8929E	5	10	10	8	2
SD00-1251R	8	3	5	3	10
SD00-1258R	3	4	8	4	8
SDX00R-020-18	1	2	6	6	9
SDX00R-035-39	2	1	1	7	4
SD01-187R	4	9	3	2	11

**UNIFORM TEST 0 Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Mean 10 Tests	Grand Traverse Co. MI	Montmorency Co. MI	Morris MN	Rosemount MN	Casselton ND
RG405RR (0)	9/9	9/4	9/12	9/20	9/15	9/18
RG200RR	-3.9	-2	-5	-6	-2	-7
AG0801	3.7	6	2	-6	3	2
SD1091RR (L)	6.4	6	6	3	4	4
M97-304146RR	3.4	2	9	-1	3	2
ND96-8929E	-2.5	-3	7	-9	-2	-5
SD00-1251R	5.2	5	3	1	6	2
SD00-1258R	6.3	8	5	5	4	3
SDX00R-020-18	9.2	9	5	8	8	12
SDX00R-035-39	5.7	8	2	0	6	5
SD01-187R	6.4	9	6	3	5	3
Date Planted	5/21	5/12	5/12	5/23	6/7	5/31
Days to Mature	111	115	123	120	100	110

**UNIFORM TEST 0 Roundup-Ready, 2005**

**LODGING (score)**

Strain	Mean 10 Tests	Grand Traverse Co. MI	Montmorency Co. MI	Morris MN	Rosemount MN	Casselton ND
RG405RR (0)	1.8	1.0	1.0	1.7	2.0	1.0
RG200RR	1.8	1.0	1.0	3.0	1.3	1.0
AG0801	1.7	1.0	1.0	1.3	2.3	1.0
SD1091RR (L)	1.8	1.0	1.0	1.0	2.0	1.0
M97-304146RR	1.6	1.0	1.0	1.0	2.3	1.0
ND96-8929E	1.4	1.0	1.0	1.7	1.0	1.0
SD00-1251R	1.6	1.0	1.0	1.0	1.7	1.0
SD00-1258R	1.5	1.0	1.0	1.0	2.0	1.0
SDX00R-020-18	1.5	1.0	1.0	1.3	1.7	1.0
SDX00R-035-39	1.9	1.0	1.0	1.7	2.3	1.0
SD01-187R	1.5	1.0	1.0	1.0	1.3	1.0



**UNIFORM TEST 0 Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Volga SD	Watertown SD
RG405RR (0)	9/7	9/8	9/3	9/1	9/6
RG200RR	-2	-6	-4	-3	-2
AG0801	8	6	7	9	0
SD1091RR (L)	9	7	11	11	3
M97-304146RR	5	3	8	1	2
ND96-8929E	-2	-5	-4	-1	-1
SD00-1251R	9	6	9	8	3
SD00-1258R	10	6	10	8	4
SDX00R-020-18	11	10	7	13	9
SDX00R-035-39	9	5	7	11	4
SD01-187R	9	7	7	11	4
Date Planted	5/19	5/12	5/21	5/27	5/18
Days to Mature	111	119	105	97	111

**UNIFORM TEST 0 Roundup-Ready, 2005**

**LODGING (score)**

Strain	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Volga SD	Watertown SD
RG405RR (0)	3.6	1.5	1.0	2.0	3.0
RG200RR	3.5	1.5	1.0	2.0	3.0
AG0801	2.9	1.3	1.0	3.0	2.0
SD1091RR (L)	3.7	2.5	1.0	3.0	2.0
M97-304146RR	3.4	1.5	2.0	1.0	2.0
ND96-8929E	2.9	1.0	1.0	1.0	2.0
SD00-1251R	3.4	1.5	1.0	2.0	2.0
SD00-1258R	3.1	1.8	1.0	1.0	2.0
SDX00R-020-18	2.6	1.0	1.0	2.0	2.0
SDX00R-035-39	3.4	1.0	1.0	4.0	3.0
SD01-187R	3.4	1.8	1.0	1.0	2.0

**UNIFORM TEST 0 Roundup-Ready, 2005****PLANT HEIGHT (inches)**

Strain	Mean 9 Tests	Grand Traverse Co. MI	Montmorency Co. MI	Morris MN	Rosemount MN	Casselton ND
RG405RR (0)	35	17	28		37	33
RG200RR	30	16	26		30	27
AG0801	35	23	31		36	33
SD1091RR (L)	35	20	26		37	30
M97-304146RR	35	21	29		41	33
ND96-8929E	30	14	25		33	28
SD00-1251R	34	20	28		35	30
SD00-1258R	33	21	25		37	32
SDX00R-020-18	36	24	31		42	32
SDX00R-035-39	37	24	31		38	32
SD01-187R	34	19	26		38	32

**UNIFORM TEST 0 Roundup-Ready, 2005****SEED SIZE (g/100)**

Strain	Mean 10 Tests	Grand Traverse Co. MI	Montmorency Co. MI	Morris MN	Rosemount MN	Casselton ND
RG405RR (0)	16.6	18.0	17.6	16.0	15.8	17.7
RG200RR	14.6	17.5	14.3	13.6	14.2	15.9
AG0801	15.9	16.5	15.1	15.4	16.6	15.9
SD1091RR (L)	18.0	19.8	17.7	18.5	16.8	19.2
M97-304146RR	15.9	18.4	16.4	15.7	15.4	17.7
ND96-8929E	15.2	17.2	15.4	15.0	14.1	15.5
SD00-1251R	16.6	18.4	16.1	16.5	14.9	18.6
SD00-1258R	16.6	17.9	15.7	17.6	14.5	17.5
SDX00R-020-18	18.0	19.3	16.6	18.8	17.0	19.1
SDX00R-035-39	15.3	17.0	14.4	14.0	14.4	16.2
SD01-187R	15.3	16.7	15.0	15.6	13.8	15.9

**UNIFORM TEST 0 Roundup-Ready, 2005****PLANT HEIGHT (inches)**

---

Strain	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Volga SD	Watertown SD
RG405RR (0)	48	46	36	33	35
RG200RR	39	40	26	27	36
AG0801	42	47	34	37	34
SD1091RR (L)	45	46	32	40	36
M97-304146RR	48	49	31	31	36
ND96-8929E	44	42	26	23	32
SD00-1251R	47	49	29	31	35
SD00-1258R	46	45	32	27	33
SDX00R-020-18	44	47	36	34	35
SDX00R-035-39	52	50	33	38	37
SD01-187R	44	45	33	31	35

---

**UNIFORM TEST 0 Roundup-Ready, 2005****SEED SIZE (g/100)**

---

Strain	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Volga SD	Watertown SD
RG405RR (0)	16.7	18.1	14.3	14.9	17.2
RG200RR	14.9	15.9	12.5	12.1	14.8
AG0801	18.0	17.9	13.9	15.0	14.5
SD1091RR (L)	19.1	20.7	15.2	16.8	16.2
M97-304146RR	16.6	16.9	14.5	14.8	12.7
ND96-8929E	16.4	16.9	13.3	13.3	14.7
SD00-1251R	18.6	18.7	14.2	15.8	14.5
SD00-1258R	18.6	19.5	15.3	15.7	14
SDX00R-020-18	21.0	20.6	14.9	16.8	16.3
SDX00R-035-39	17.5	17.1	13.4	14.7	13.8
SD01-187R	16.7	17.4	14.4	14.1	13.1

---

**UNIFORM TEST 0 Roundup-Ready, 2005****SEED QUALITY (score)**

---

Strain	Mean 7 Tests	Grand Traverse Co. MI	Montmorency Co. MI	Morris MN	Rosemount MN	Casselton ND
RG405RR (0)	1.7			1.0	1.5	2.0
RG200RR	1.6			1.0	1.0	1.0
AG0801	1.4			1.0	1.0	1.0
SD1091RR (L)	1.5			1.0	1.5	1.0
M97-304146RR	1.8			1.0	2.5	1.0
ND96-8929E	1.5			1.0	1.5	1.0
SD00-1251R	1.4			1.0	1.0	1.0
SD00-1258R	1.6			1.0	1.0	1.0
SDX00R-020-18	1.4			1.0	1.0	2.0
SDX00R-035-39	1.6			1.0	1.5	2.0
SD01-187R	1.7			1.7	1.0	1.0

---

**UNIFORM TEST 0 Roundup-Ready, 2005****SEED QUALITY (score)**

---

Strain	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Volga SD	Watertown SD
RG405RR (0)	1.3		2.0	2.0	2.0
RG200RR	1.3		2.0	2.0	3.0
AG0801	1.0		2.0	2.0	2.0
SD1091RR (L)	1.0		2.0	2.0	2.0
M97-304146RR	1.0		2.0	2.0	3.0
ND96-8929E	1.3		2.0	2.0	2.0
SD00-1251R	1.0		2.0	2.0	2.0
SD00-1258R	1.0		2.0	2.0	3.0
SDX00R-020-18	1.0		1.0	2.0	2.0
SDX00R-035-39	1.0		2.0	2.0	2.0
SD01-187R	1.0		2.0	2.0	3.0

---

**UNIFORM TEST 0 Roundup-Ready, 2005**

**PROTEIN (%)**

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG405RR (0)	38.5	38.5	37.7	40.7	40.6	37.7	36.8	37.6
RG200RR	40.2	40.7	39.4	41.0	42.8	40.2	37.1	40.5
AG0801	38.5	40.2	38.8	40.0	39.7	38.8	34.1	38.1
SD1091RR (L)	40.8	40.8	40.2	41.6	42.0	42.0	37.5	41.4
M97-304146RR	39.1	40.9	39.2	40.6	40.8	38.5	33.9	39.8
ND96-8929E	39.4	39.5	39.0	40.1	42.1	39.5	36.4	38.9
SD00-1251R	40.0	40.9	39.4	41.6	41.6	41.3	35.1	40.1
SD00-1258R	40.6	41.4	39.9	41.1	41.4	41.4	36.7	42.6
SDX00R-020-18	38.7	38.8	37.5	40.8	38.8	39.5	34.2	41.1
SDX00R-035-39	38.2	38.7	37.6	40.3	38.2	37.8	37.5	37.1
SD01-187R	39.5	38.4	39.1	40.6	41.0	39.8	37.1	40.6

**UNIFORM TEST 0 Roundup-Ready, 2005**

**OIL (%)**

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG405RR (0)	21.8	20.5	21.4	22.2	22.3	23.3	21.1	21.5
RG200RR	20.0	18.7	19.4	21.5	19.7	21.0	20.4	19.1
AG0801	20.6	19.2	19.3	21.7	21.5	21.5	21.4	19.5
SD1091RR (L)	20.5	19.4	19.8	21.9	21.4	20.7	20.9	19.1
M97-304146RR	20.7	18.9	19.8	21.9	21.3	22.1	21.8	18.9
ND96-8929E	20.5	19.5	19.3	21.6	21.0	21.9	21.2	19.2
SD00-1251R	20.5	19.2	19.6	21.6	21.4	20.8	21.7	19.5
SD00-1258R	20.0	19.0	19.3	21.6	21.2	20.2	20.4	18.1
SDX00R-020-18	21.1	19.7	20.2	22.4	22.6	22.0	22.0	18.8
SDX00R-035-39	21.1	19.3	20.0	22.0	22.9	22.3	20.4	20.5
SD01-187R	21.0	20.4	20.2	21.9	21.9	21.7	21.6	19.0

**Preliminary Test 0 Roundup-Ready, 2005**

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	RG405RR (0)	Barnes*3 x (Council x Resnick(RR))	F3	Rps 6
2.	RG200RR	Trall*3 x (Council x Resnick(RR))		RR
3.	AG0801	na		
4.	SD1091RR (L)	Surge (3) x ResnikRR	F4	RR, Seg Rps1-a
5.	M99-386097	MN0302 x M96-134044	F5	RR
6.	M00-124020	McCall x M96-133029	F4	RR
7.	M00-522014	MN0301 x M96-133151	F4	RR
8.	M00-522016	MN0301 x M96-133151	F4	RR
9.	ND02-4997	SD1091RR x Barnes	F3	Rps6
10.	ND02-7381	ND95-1564 x RG405RR	F3	Rps6
11.	ND02-7688	(Sargent x SD1091RR) x RG200RR	F3	Rps6
12.	ND02-7844	Walsh x RG200RR	F3	Rps6
13.	ND02-7868	Walsh x RG200RR	F3	Rps6
14.	ND02-8104	Walsh x RG200RR	F3	Rps6
15.	ND02-8121	Walsh x RG200RR	F3	Rps6
16.	ND02-8247	RG200RR x ND95-6634	F3	Rps1k
17.	ND02-8580	RG200RR x RG405RR	F3	Rps6
18.	ND02-8770	RG200RR x RG405RR	F3	Rps6
19.	SDX00R-026-42	SD1081RR x IA1008	F4	SCN
20.	SDX01R-00403109	Pion 9233 x SD1091RR	F4	Rps1a
21.	SD02R-5	Stride (1) x Resnik RR	F4	Rps1k
22.	SD02R-50	Stride (1) x Resnik RR	F4	Rps1k
23.	SD02R-51	Stride (1) x Resnik RR	F4	Rps1k
24.	SD02R-52	Stride (1) x Resnik RR	F4	Rps1k
25.	SD02R-93	SD95-610 x SD1091RR	F4	Rps1k
26.	SD02R-118	SD95-610 x SD1091RR	F4	Rps1k
27.	SD02R-393	SD95-1276 x SD1091RR	F4	Rps1a
28.	SD02R-1474	Lambert x SD98-828R	F4	Rps1k
29.	SD1091RR-4	SD1091RR Reselect	F4	Rps1k

PRELIMINARY TEST 0 Roundup Ready, 2005

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Shattering	PR Lafayette	
		Score Wilkin Co. MN	Score Manhattan KS	Race 4	Race 7
RG405RR	PGBDYBfI	3.0	1.0	R	S
RG200RR	PTBDYLgrI	1.5	2.0	S	S
AG0801	PTBIYBII	2.5	1.0	R*	R
SD1091RR (L)	PGBDYIbI	1.5	1.0	S	S
M99-386097	PGTDYBfI	1.5	1.0	R	R
M00-124020	PSBIYBr+Bf+YI	2.0	1.0	S	S
M00-522014	P+WGBIYBf+YI	1.5	1.0	S	S
M00-522016	P+WGBIYBf+YI	1.5	1.0	S	S
ND02-4997	PGBDYIbI	1.0	1.0	R	S
ND02-7381	P+WGBDYBfI	1.5	1.0	R	R*
ND02-7688	PGBDYGrI	2.0	1.0	R	S
ND02-7844	PTBDYBr+Gr+YI	2.0	1.0	R	S
ND02-7868	PGBDYGrI	2.0	1.0	R	S
ND02-8104	PTBDYYI	2.0	1.0	R	S
ND02-8121	PT+GBDYI	2.0	1.0	R	S
ND02-8247	PGBDYBfI	2.0	1.0	R	R
ND02-8580	PSBDYBr+YI	2.5	1.0	R	S
ND02-8770	PGBDYBfI	2.0	3.0	R	S
SDX00R-026-42	P+WGBDYI	2.5	1.0	S	S
SDX01R-00403109	P+WSSDYBr+BfI	2.0	1.0	S	S
SD02R-5	PGTIYIbII	1.5	1.0	R	S*
SD02R-50	PGTDYIbII	1.5	1.0	S*	R
SD02R-51	PGTDYIbII	2.0	1.0	R	R
SD02R-52	PGTDYIbII	2.0	1.0	R	R
SD02R-93	PGBDYIbII	3.0	1.0	S*	S*
SD02R-118	PGBDYIbII	2.5	1.0	R	R
SD02R-393	PTBDYBII	2.0	1.0	S	S
SD02R-1474	PGBIYIb+BfI	3.0	1.0	R	R
SD1091RR-4	PGBDYIbII	3.0	1.0	R	R

\* = entry/*Phytophthora sojae* race reaction questionable.



**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 8 Date	Lodging 8 Score	Plant Height 7 In.	Seed Size 8 g/100	Seed Quality 6 Score	Composition	
								Protein 6 %	Oil 6 %
RG405RR (0)	40.2	19	9/8	1.3	30	15.3	2.1	38.6	21.4
RG200RR	35.6	29	-2.1	1.4	26	14.0	1.8	39.9	20.0
AG0801	43.7	7	5.0	1.2	30	15.1	1.7	37.7	20.7
SD1091RR (L)	42.1	14	7.8	1.2	28	17.5	2.3	40.3	20.6
M99-386097	44.3	3	6.4	1.3	32	13.4	2.0	38.9	20.8
M00-124020	37.9	25	2.8	1.4	30	13.6	1.7	40.2	19.7
M00-522014	40.7	17	4.8	1.5	31	14.5	1.7	38.8	20.6
M00-522016	42.4	11	2.6	1.5	30	13.8	1.8	39.3	21.2
ND02-4997	42.6	9	4.1	1.4	32	17.4	1.8	39.8	21.0
ND02-7381	40.6	18	2.1	1.7	33	14.0	2.4	38.0	21.1
ND02-7688	39.0	21	0.4	1.1	24	17.9	1.8	39.4	21.3
ND02-7844	39.5	20	2.0	1.2	31	14.7	2.4	39.5	20.4
ND02-7868	38.3	22	1.0	1.2	29	14.5	2.0	38.4	20.9
ND02-8104	37.5	27	-1.1	1.3	30	16.2	1.7	39.1	20.9
ND02-8121	38.3	22	3.0	1.1	27	16.7	1.7	40.8	20.4
ND02-8247	38.0	24	1.9	1.6	30	14.3	1.7	39.1	20.4
ND02-8580	37.4	28	-0.1	1.4	30	15.8	1.7	39.5	20.8
ND02-8770	37.7	26	-0.6	1.5	30	14.4	1.9	39.4	20.3
SDX00R-026-42	45.2	2	12.4	1.1	31	15.1	2.8	39.5	19.8
SDX01R-00403109	43.9	5	7.4	1.1	31	14.8	2.0	39.5	20.5
SD02R-5	45.6	1	14.0	1.1	31	15.5	1.8	37.9	21.5
SD02R-50	43.2	8	14.3	1.1	30	15.8	2.0	38.7	20.9
SD02R-51	42.4	11	13.4	1.1	30	16.0	1.8	37.7	21.2
SD02R-52	41.0	16	12.9	1.2	30	15.6	2.2	38.0	21.0
SD02R-93	44.1	4	8.1	1.2	29	17.7	1.6	38.0	20.9
SD02R-118	42.5	10	6.3	1.4	32	16.5	1.8	39.3	20.9
SD02R-393	42.4	11	6.8	1.3	30	15.7	1.9	38.7	21.0
SD02R-1474	42.0	15	7.0	1.5	32	14.5	1.9	37.5	21.3
SD1091RR-4	43.8	6	7.8	1.1	28	17.3	1.6	39.2	21.0

110.4 Days After Planting

**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Mean	Grand	Montmorency						
	8 Tests	Traverse Co. MI	Co. MI	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Aurora SD	Watertown SD
RG405RR (0)	40.2	31.8	44.4	48.0	29.6	48.6	33.8	45.4	40.3
RG200RR	35.6	26.6	31.3	44.3	25.5	49.8	30.7	39.6	37.3
AG0801	43.7	40.8	36.3	55.2	37.0	54.3	32.1	52.3	41.2
SD1091RR (L)	42.1	38.6	38.0	51.0	29.6	53.7	36.8	49.1	39.7
M99-386097	44.3	41.1	45.5	51.6	35.2	53.8	34.1	52.8	40.5
M00-124020	37.9	26.0	39.9	47.4	33.4	51.6	28.7	38.0	38.1
M00-522014	40.7	30.4	44.8	46.6	31.2	52.1	35.4	50.1	35.0
M00-522016	42.4	35.8	43.2	49.0	32.0	50.8	36.3	49.3	42.7
ND02-4997	42.6	36.0	37.9	52.6	34.4	53.8	37.2	50.4	38.7
ND02-7381	40.6	30.6	48.0	45.8	30.8	54.4	25.5	47.3	42.5
ND02-7688	39.0	32.9	35.8	43.7	25.2	53.6	29.3	52.2	39.4
ND02-7844	39.5	28.7	41.6	46.8	31.5	53.8	32.8	45.7	35.3
ND02-7868	38.3	25.0	38.9	48.2	24.9	52.3	32.5	42.9	41.9
ND02-8104	37.5	26.5	33.2	43.1	31.1	54.3	33.4	44.6	33.8
ND02-8121	38.3	34.9	36.8	40.9	27.7	52.8	34.5	44.9	34.1
ND02-8247	38.0	23.5	34.9	47.5	23.8	53.5	32.8	46.7	40.9
ND02-8580	37.4	26.0	40.5	38.3	26.7	53.3	30.9	44.2	39.2
ND02-8770	37.7	30.8	38.2	42.4	22.4	52.7	31.0	45.0	39.2
SDX00R-026-42	45.2	42.9	41.9	56.3	39.1	47.6	36.6	55.9	41.1
SDX01R-00403109	43.9	34.4	44.2	53.1	38.6	51.9	39.5	48.6	40.6
SD02R-5	45.6	44.2	47.1	57.2	42.5	39.6	40.9	55.1	38.0
SD02R-50	43.2	41.5	43.0	56.3	39.8	25.8	41.8	58.4	39.0
SD02R-51	42.4	38.3	43.6	58.1	40.7	26.6	37.7	55.3	38.8
SD02R-52	41.0	50.0	43.2	45.8	35.4	24.4	37.9	49.9	41.2
SD02R-93	44.1	35.5	43.6	51.0	36.6	51.9	35.7	53.1	45.0
SD02R-118	42.5	37.0	43.6	47.9	32.8	52.9	34.7	47.5	43.6
SD02R-393	42.4	33.0	42.5	44.5	36.6	53.8	35.4	50.3	43.0
SD02R-1474	42.0	37.8	46.0	49.5	34.9	52.5	36.5	42.7	35.7
SD1091RR-4	43.8	38.7	38.9	52.7	40.4	50.6	36.1	53.7	39.4
C.V. (%)		11.1	8.8	5.7	13.4	16.8	8.8	7.0	8.1
L.S.D. (5%)		6.5	6.1	5.6	9.0	13.3	6.2	6.9	6.6
Row Sp. (In.)		15	15	10	10	30	16	30	30
Rows/Plot		6	6	4	4	4	4	4	4
Reps		2	2	2	2	3	2	3	3

**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**YIELD RANK**

Strain	Yield Rank	Grand	Montmorency							
		Traverse Co. MI	Co. MI	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Aurora SD	Watertown SD	
RG405RR (0)	19	19	6	15	21	24	18	21	13	
RG200RR	29	24	29	24	25	23	26	28	24	
AG0801	7	6	25	5	7	2	23	8	7	
SD1091RR (L)	14	8	22	10	21	8	7	15	14	
M99-386097	3	5	4	9	11	4	17	7	12	
M00-124020	25	26	18	18	14	20	28	29	22	
M00-522014	17	22	5	20	18	18	14	12	27	
M00-522016	11	13	11	13	16	21	10	14	4	
ND02-4997	9	12	23	8	13	4	6	10	21	
ND02-7381	18	21	1	21	20	1	29	18	5	
ND02-7688	21	18	26	25	26	9	27	9	15	
ND02-7844	20	23	16	19	17	4	20	20	26	
ND02-7868	22	28	19	14	27	17	22	26	6	
ND02-8104	27	25	28	26	19	2	19	24	29	
ND02-8121	22	15	24	28	23	14	16	23	28	
ND02-8247	24	29	27	17	28	10	21	19	10	
ND02-8580	28	27	17	29	24	12	25	25	17	
ND02-8770	26	20	21	27	29	15	24	22	17	
SDX00R-026-42	2	3	15	3	5	25	8	2	9	
SDX01R-00403109	5	16	7	6	6	19	3	16	11	
SD02R-5	1	2	2	2	1	26	2	4	23	
SD02R-50	8	4	13	3	4	28	1	1	19	
SD02R-51	11	9	8	1	2	27	5	3	20	
SD02R-52	16	1	12	21	10	29	4	13	7	
SD02R-93	4	14	9	10	8	19	12	6	1	
SD02R-118	10	11	10	16	15	13	15	17	2	
SD02R-393	11	17	14	23	8	4	13	11	3	
SD02R-1474	15	10	3	12	12	16	9	27	25	
SD1091RR-4	6	7	20	7	3	22	11	5	15	

**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Mean	Grand	Montmorency						
	8 Tests	Traverse Co. MI	Co. MI	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Aurora SD	Watertown SD
RG405RR (0)	9/8	9/1	9/11	9/14	9/11	9/14	9/4	9/9	9/3
RG200RR	-2.1	5	-4	-4	0	-2	-1	-11	0
AG0801	5.0	7	1	7	2	9	8	3	3
SD1091RR (L)	7.8	10	7	9	3	10	12	3	8
M99-386097	6.4	10	3	7	4	10	10	4	3
M00-124020	2.8	4	-1	1	1	8	5	1	3
M00-522014	4.8	5	3	7	4	8	8	0	3
M00-522016	2.6	3	-1	2	3	7	5	0	2
ND02-4997	4.1	7	0	6	2	6	5	3	4
ND02-7381	2.1	2	1	3	2	5	1	1	2
ND02-7688	0.4	6	-1	-1	-1	3	1	-6	2
ND02-7844	2.0	3	-2	3	1	0	5	2	4
ND02-7868	1.0	3	0	-1	2	6	3	-6	1
ND02-8104	-1.1	0	-3	-2	-1	1	4	-9	1
ND02-8121	3.0	6	0	0	4	5	5	2	2
ND02-8247	1.9	3	0	0	2	6	6	-4	2
ND02-8580	-0.1	0	-2	0	2	2	0	-4	1
ND02-8770	-0.6	1	-1	-2	1	4	0	-9	1
SDX00R-026-42	12.4	16	9	14	8	21	14	5	12
SDX01R-00403109	7.4	11	5	8	5	12	10	3	5
SD02R-5	14.0	17	10	16	9	23	18	7	12
SD02R-50	14.3	18	12	14	9	23	19	8	11
SD02R-51	13.4	17	11	15	8	22	16	7	11
SD02R-52	12.9	18	9	14	8	19	17	7	11
SD02R-93	8.1	14	7	8	4	12	13	0	7
SD02R-118	6.3	10	4	7	4	10	8	2	5
SD02R-393	6.8	8	1	11	3	9	8	11	3
SD02R-1474	7.0	9	5	8	4	10	11	2	7
SD1091RR-4	7.8	12	6	9	4	12	10	2	7
Date Planted	5/21	5/12	5/12	5/23	5/23	5/31	5/28	5/21	5/18
Days to Mature	110	112	122	114	111	106	99	111	108

**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**LODGING (score)**

Strain	Mean	Grand	Montmorency						
	8	Traverse Co.	Co.	Morris	Rosemount	Casselton	Ottawa	Aurora	Watertown
	Tests	MI	MI	MN	MN	ND	ONT	SD	SD
RG405RR (0)	1.3	1.0	1.0	2.0	1.5	1.0	2.2	1.0	1.0
RG200RR	1.4	1.0	1.0	2.0	1.0	1.0	1.8	1.0	2.0
AG0801	1.2	1.0	1.0	1.5	1.0	1.0	2.0	1.0	1.0
SD1091RR (L)	1.2	1.0	1.0	1.5	1.0	1.0	2.3	1.0	1.0
M99-386097	1.3	1.0	1.0	2.0	1.0	1.0	1.4	1.0	2.0
M00-124020	1.4	1.0	1.0	2.0	1.0	1.0	1.5	1.0	3.0
M00-522014	1.5	1.0	1.0	2.0	1.5	1.0	2.3	1.0	2.0
M00-522016	1.5	1.0	1.0	2.0	1.5	1.0	2.3	1.0	2.0
ND02-4997	1.4	1.0	1.0	2.0	1.5	1.0	2.0	1.0	2.0
ND02-7381	1.7	1.0	1.0	2.5	1.5	1.0	2.5	1.0	3.0
ND02-7688	1.1	1.0	1.0	1.0	1.0	1.0	1.9	1.0	1.0
ND02-7844	1.2	1.0	1.0	2.0	1.0	1.0	1.4	1.0	1.0
ND02-7868	1.2	1.0	1.0	2.0	1.0	1.0	1.8	1.0	1.0
ND02-8104	1.3	1.0	1.0	2.0	1.0	1.0	1.4	1.0	2.0
ND02-8121	1.1	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0
ND02-8247	1.6	1.0	1.0	2.5	1.0	1.0	2.2	1.0	3.0
ND02-8580	1.4	1.0	1.0	2.0	1.5	1.0	1.8	1.0	2.0
ND02-8770	1.5	1.0	1.0	3.0	1.0	1.0	2.0	1.0	2.0
SDX00R-026-42	1.1	1.0	1.0	1.0	1.5	1.0	1.0	1.0	1.0
SDX01R-00403109	1.1	1.0	1.0	1.0	1.5	1.0	1.6	1.0	1.0
SD02R-5	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0
SD02R-50	1.1	1.0	1.0	1.5	1.0	1.0	1.1	1.0	1.0
SD02R-51	1.1	1.0	1.0	1.0	1.5	1.0	1.4	1.0	1.0
SD02R-52	1.2	1.0	1.0	2.0	1.0	1.0	1.3	1.0	1.0
SD02R-93	1.2	1.0	1.0	1.0	1.0	1.0	1.3	1.0	2.0
SD02R-118	1.4	1.0	1.0	1.5	1.5	1.0	2.5	1.0	2.0
SD02R-393	1.3	1.0	1.0	1.0	1.5	1.0	2.9	1.0	1.0
SD02R-1474	1.5	1.0	1.0	2.0	1.5	1.0	1.6	2.0	2.0
SD1091RR-4	1.1	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0

**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean	Grand	Montmorency						
	7	Traverse Co.	Co.	Morris	Rosemount	Casselton	Ottawa	Aurora	Watertown
	Tests	MI	MI	MN	MN	ND	ONT	SD	SD
RG405RR (0)	30	18	28		29	28	39	35	35
RG200RR	26	14	25		26	28	33	21	33
AG0801	30	21	26		30	35	37	31	32
SD1091RR (L)	28	18	22		26	32	35	32	28
M99-386097	32	22	28		28	37	39	35	32
M00-124020	30	14	26		29	35	37	34	35
M00-522014	31	18	29		28	35	39	34	36
M00-522016	30	17	27		27	32	39	34	32
ND02-4997	32	18	27		29	37	43	31	36
ND02-7381	33	19	29		31	38	43	38	35
ND02-7688	24	15	24		21	29	31	21	27
ND02-7844	31	20	28		30	33	37	39	30
ND02-7868	29	17	27		24	35	39	31	33
ND02-8104	30	17	26		27	33	41	29	36
ND02-8121	27	16	28		22	35	35	27	29
ND02-8247	30	14	24		28	35	37	39	30
ND02-8580	30	17	28		25	33	37	32	36
ND02-8770	30	19	28		24	33	39	31	33
SDX00R-026-42	31	20	26		30	36	35	33	35
SDX01R-00403109	31	20	27		28	35	39	34	31
SD02R-5	31	21	26		31	36	33	37	35
SD02R-50	30	19	27		28	33	33	32	35
SD02R-51	30	18	27		31	34	33	35	35
SD02R-52	30	22	27		28	35	33	34	30
SD02R-93	29	18	28		28	35	37	27	33
SD02R-118	32	20	30		29	34	41	37	33
SD02R-393	30	18	27		31	33	37	35	32
SD02R-1474	32	19	28		30	39	41	36	34
SD1091RR-4	28	17	25		27	32	35	28	32

**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**SEED SIZE (g/100)**

Strain	Mean	Grand	Montmorency						
	8 Tests	Traverse Co. MI	Co. MI	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Aurora SD	Watertown SD
RG405RR (0)	15.3	18.1	16.7	15.6	14.8	14.1	15.2	13.7	14.5
RG200RR	14.0		14.6	14.0	13.2	15.8	14.1	12.3	13.7
AG0801	15.1	17.4	14.7	14.9	13.4	16.2	16.1	14.1	13.9
SD1091RR (L)	17.5	19.4	16.9	19.0	14.3	19.8	19.0	15.0	16.2
M99-386097	13.4	15.2	14.4	13.3	11.5	14.0	13.8	12.9	12.1
M00-124020	13.6	16.3	14.8	13.2	11.5	14.1	13.3	12.2	13.6
M00-522014	14.5	17.6	14.9	15.0	13.1	14.8	14.4	12.6	13.3
M00-522016	13.8	16.0	13.9	13.7	12.5	14.6	13.6	12.7	13.0
ND02-4997	17.4	20.6	16.7	17.2	15.4	18.6	18.8	15.8	15.7
ND02-7381	14.0	15.8	15.1	14.5	12.1	15.5	12.2	13.5	13.3
ND02-7688	17.9	21.6	18.6	17.3	15.3	20.3	16.1	16.7	17.4
ND02-7844	14.7		15.5	15.2	12.1	15.2	16.7	13.5	14.9
ND02-7868	14.5	17.0	14.5	14.1	11.9	16.0	14.9	12.7	14.5
ND02-8104	16.2	18.9	16.2	15.6	13.9	17.5	17.5	13.5	16.2
ND02-8121	16.7	20.0	16.7	15.6	14.3	17.0	18.1	14.9	16.7
ND02-8247	14.3	16.6	14.3	14.1	12.5	15.5	14.2	13.7	13.8
ND02-8580	15.8	18.6	16.7	15.5	14.2	16.4	15.3	14.7	15.1
ND02-8770	14.4	16.9	15.1	13.8	12.0	15.6	14.7	12.9	14.2
SDX00R-026-42	15.1	17.0	15.8	15.4	12.2	16.2	16.0	14.0	14.1
SDX01R-00403109	14.8	17.7	15.1	14.7	12.4	14.3	16.4	13.5	14.4
SD02R-5	15.5	16.9	15.2	16.9	12.5	17.0	19.0	13.2	12.9
SD02R-50	15.8	17.3	15.4	16.3	13.2	17.3	19.8	14.2	12.8
SD02R-51	16.0	17.1	15.5	16.9	13.2	17.6	19.4	14.2	13.9
SD02R-52	15.6	17.4	15.3	16.9	12.7	16.5	19.4	14.3	12.6
SD02R-93	17.7	20.7	18.0	18.1	16.3	14.3	22.1	15.9	16.4
SD02R-118	16.5	19.7	16.5	16.1	13.4	18.3	18.6	14.8	14.7
SD02R-393	15.7	17.5	15.5	15.6	14.0	16.6	16.9	15.2	14.4
SD02R-1474	14.5	16.9	14.7	14.6	12.9	14.2	16.0	13.2	13.2
SD1091RR-4	17.3	19.8	16.3	17.5	15.7	19.2	18.6	15.6	15.3

**PRELIMINARY TEST 0 Roundup-Ready, 2004**

**SEED QUALITY (score)**

Strain	Mean 6 Tests	Montmorency								
		Grand Traverse Co. MI	Co. MI	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Aurora SD	Watertown SD	
RG405RR (0)	2.1			1.0	2.5	1.0	2.0	3.0	3.0	
RG200RR	1.8			1.0	2.0	1.0	2.0	3.0	2.0	
AG0801	1.7			1.0	1.5	1.0	1.5	2.0	3.0	
SD1091RR (L)	2.3			1.5	2.5	2.0	2.0	2.0	4.0	
M99-386097	2.0			1.0	2.0	2.0	2.0	2.0	3.0	
M00-124020	1.7			1.0	2.0	1.0	2.0	2.0	2.0	
M00-522014	1.7			1.0	2.0	1.0	2.0	2.0	2.0	
M00-522016	1.8			1.0	2.5	1.0	1.5	3.0	2.0	
ND02-4997	1.8			1.0	3.0	1.0	2.0	2.0	2.0	
ND02-7381	2.4			1.5	2.5	4.0	2.5	2.0	2.0	
ND02-7688	1.8			1.5	2.5	1.0	2.0	2.0	2.0	
ND02-7844	2.4			1.5	3.0	1.0	2.0	2.0	5.0	
ND02-7868	2.0			1.0	3.0	1.0	2.0	2.0	3.0	
ND02-8104	1.7			1.0	2.0	1.0	2.0	2.0	2.0	
ND02-8121	1.7			1.0	2.0	1.0	2.0	2.0	2.0	
ND02-8247	1.7			1.0	1.5	1.0	2.5	2.0	2.0	
ND02-8580	1.7			1.0	2.0	1.0	2.0	2.0	2.0	
ND02-8770	1.9			1.5	1.5	2.0	2.5	2.0	2.0	
SDX00R-026-42	2.8			2.0	3.0	4.0	1.0	3.0	4.0	
SDX01R-00403109	2.0			1.0	2.0	1.0	2.0	2.0	4.0	
SD02R-5	1.8			1.5	2.0	2.0	1.5	2.0	2.0	
SD02R-50	2.0			1.0	2.5	2.0	1.5	3.0	2.0	
SD02R-51	1.8			1.0	2.0	2.0	2.0	2.0	2.0	
SD02R-52	2.2			1.5	2.0	2.0	2.5	3.0	2.0	
SD02R-93	1.6			1.0	1.5	1.0	2.0	2.0	2.0	
SD02R-118	1.8			1.0	2.0	2.0	2.0	2.0	2.0	
SD02R-393	1.9			1.5	2.5	1.0	1.5	2.0	3.0	
SD02R-1474	1.9			1.5	2.0	1.0	2.0	2.0	3.0	
SD1091RR-4	1.6			1.0	2.0	1.0	1.5	2.0	2.0	



**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**PROTEIN (%)**

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Aurora SD	Watertown SD
RG405RR (0)	38.6	39.2	38.7	40.9	41.1	35.3	36.1
RG200RR	39.9	41.0	38.4	41.3	42.5	37.3	38.9
AG0801	37.7	37.3	35.9	40.0	40.1	34.6	38.1
SD1091RR (L)	40.3	42.7	38.8	42.1	41.6	34.8	41.8
M99-386097	38.9	39.9	37.7	40.4	40.3	36.8	38.2
M00-124020	40.2	41.7	39.2	41.1	42.5	35.2	41.4
M00-522014	38.8	40.0	38.2	40.6	41.1	33.0	39.6
M00-522016	39.3	40.0	39.7	40.8	41.1	34.2	40.2
ND02-4997	39.8	42.0	39.1	41.1	41.3	36.2	39.2
ND02-7381	38.0	37.5	35.8	40.3	42.1	34.0	38.3
ND02-7688	39.4	38.2	40.5	40.9	41.5	36.4	39.0
ND02-7844	39.5	38.9		40.3	41.6	35.9	40.7
ND02-7868	38.4	38.5	38.2	40.5	40.4	34.3	38.5
ND02-8104	39.1	39.6	37.8	40.6	41.6	36.5	38.2
ND02-8121	40.8	41.6	40.5	41.7	42.4	38.0	40.9
ND02-8247	39.1	39.5	39.3	40.7	41.9	34.4	38.5
ND02-8580	39.5	40.0	37.8	40.7	42.1	35.5	40.7
ND02-8770	39.4	39.1	40.1	41.0	41.2	37.4	37.7
SDX00R-026-42	39.5	40.4	39.6	40.9	40.4	36.4	39.2
SDX01R-00403109	39.5	39.7	39.4	40.7	41.3	36.1	40.1
SD02R-5	37.9	37.8	37.3	40.9	40.1	32.6	39.0
SD02R-50	38.7	38.3	36.4	40.8	40.7	37.8	38.5
SD02R-51	37.7	36.2	36.6	40.1	40.8	33.0	39.6
SD02R-52	38.0	37.4	37.8	40.6	41.1	34.2	37.2
SD02R-93	38.0	35.9	35.8	40.7	42.2	33.7	39.4
SD02R-118	39.3	40.0	37.5	41.5	41.9	34.5	40.4
SD02R-393	38.7	37.8	39.2	40.7	41.2	33.7	39.5
SD02R-1474	37.5	37.2	36.9	40.0	38.8	32.7	39.3
SD1091RR-4	39.2	40.2	37.4	41.2	41.9	34.3	40.2

**PRELIMINARY TEST 0 Roundup-Ready, 2005**

**OIL (%)**

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Aurora SD	Watertown SD
RG405RR (0)	21.4	20.2	20.9	21.2	21.8	22.3	21.9
RG200RR	20.0	18.3	20.1	21.3	20.2	20.5	19.6
AG0801	20.7	20.0	20.5	21.5	21.4	21.2	19.5
SD1091RR (L)	20.6	19.0	20.5	21.4	21.7	21.9	19.3
M99-386097	20.8	19.1	20.6	21.8	21.8	21.3	19.9
M00-124020	19.7	18.2	19.0	21.6	20.3	20.6	18.5
M00-522014	20.6	19.2	20.4	21.7	21.7	21.8	19.0
M00-522016	21.2	19.8	20.6	21.9	22.2	22.6	20.2
ND02-4997	21.0	19.1	20.9	22.1	22.3	21.7	20.0
ND02-7381	21.1	20.3	21.3	22.1	20.3	22.2	20.4
ND02-7688	21.3	20.8	20.0	22.1	21.9	22.1	21.1
ND02-7844	20.4	19.3		21.6	21.6	20.6	19.1
ND02-7868	20.9	19.8	20.2	21.6	21.9	21.9	20.2
ND02-8104	20.9	19.4	21.0	21.9	21.8	21.1	20.0
ND02-8121	20.4	18.7	19.8	21.3	21.5	21.0	19.9
ND02-8247	20.4	19.1	20.7	21.7	20.3	21.1	19.7
ND02-8580	20.8	19.4	20.5	21.9	21.4	21.8	19.7
ND02-8770	20.3	18.3	19.7	21.7	21.1	20.8	20.2
SDX00R-026-42	19.8	18.8	18.4	21.3	21.3	20.3	18.9
SDX01R-00403109	20.5	19.6	20.0	21.7	21.5	20.9	19.6
SD02R-5	21.5	20.6	21.0	21.5	22.2	23.4	20.0
SD02R-50	20.9	19.8	21.0	21.8	21.5	20.7	20.3
SD02R-51	21.2	21.1	20.8	21.6	21.4	22.8	19.6
SD02R-52	21.0	20.2	20.9	21.3	21.0	22.4	20.4
SD02R-93	20.9	20.6	21.0	21.7	21.1	22.0	18.8
SD02R-118	20.9	19.4	20.9	21.6	21.5	22.3	19.7
SD02R-393	21.0	20.5	19.8	21.8	22.0	21.7	19.9
SD02R-1474	21.3	20.7	20.4	21.7	22.8	22.3	20.1
SD1091RR-4	21.0	20.0	20.7	21.9	21.7	22.4	19.5

**Uniform Test I Roundup-Ready, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1	AG1501 (I)	na	new		
2.	SD1091RR (0)	Surge (3) x ResnikRR	1	F4	RR, Seg Rps1-a
3.	MN1803RR	Parker (2) x Resnik BC2F2	1		
4.	DKB20-52	na	1		
5.	M98-332091	M91-198009 x M96-133047	1	F5	Rps1, RR
6.	M99-386081	MN0302 x M96-134044	new	F5	
7.	M00-522005	MN0301 x M96-133151	new	F4	
8.	SD96-170RR-28L	SD96-170(3) x SD1091RR	1	F4	RR
9.	SDX00-053R-46	SD96-2156 x SD1081RR	1	F4	RR
10.	SD00-236R	SD94-57 x SD1091RR	1	F4	RR, Rps1-k , Rps6
11.	SD00-1018R	SD94-27 x SD93-1037RR	1	F4	RR, Rps1-a
12.	SDX00R-017-52	A97-770051 x SD93-828R	PT0-RR	F4	RR
13.	SDX00R-024-58	Pioneer P9163 x SD93-828R	1	F4	RR
14.	SDX00R-029-3	Pioneer P9151 x SD93-828R	1	F4	RR, Rps1-K
15.	SDX00R-00703369	SD1081RR (3) x SD93-828E	new	F4	Rps1k,Rps6
16.	SD01-1075R	SD93-1043 x SD1091RR	1	F5	RR
17.	SD01-1120R	SD93-1043 x SD1091RR	1	F5	RR
18.	SD01-2475R	Stride (1) x Resnik RR	PT0-RR	F5	RR
19.	SD01-3219R	Stride (1) x Resnik RR	1	F5	RR
20.	SD01-3477R	SD94-782 x SD1091RR	1	F5	RR
21.	SDX01R-00403128	Pion 9233 x SD1091RR	new	F4	Rps1a
22.	SDX01R-0070346	SD99-011R x Pion 9233	new	F4	?
23.	SDX01R-0080381	SD99-002R X Pion 9233	new	F4	Rps1k
24.	SD02R-8	Stride (1) x Resnik RR	new	F4	Rps1k
25.	SD02R-48	Stride (1) x Resnik RR	new	F4	Rps1k
26.	SD02R-661	SD96-111 x SD93-522RR	new	F4	Rps1k
27.	SD02R-666	SD96-111 x SD93-522RR	new	F4	Rps1a
28.	SD02R-1795	SD99-009R X SD99-020R	new	F4	Rps1k

**UNIFORM TEST I Roundup-Ready, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	FE Chlorosis	Shattering	PR		SDS	HS	PS	FE
		Score Wilkin Co. MN	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Pontiac IL DX	n	Lafayette a %	a
AG1501 (I)	PGTDYBf+IbII	2.0	1.0	R	R	0	-	3	S
SD1091RR (0)	PGBDYIbI	1.8	1.0	S	S	5	-	4	S
MN1803RR	WGBDYBfI	2.0	1.0	S	S	1	-	3	S
DKB20-52	PGTDYIbI	2.0	1.0	R	R	1	-	5	S
M98-332091	PGTDYIbI	2.2	1.0	S	S	0	-	7	
M99-386081	PGTDYBfI	2.0	1.0	R	R	9	-	1	
M00-522005	P+WGBDYBf+YI	2.0	1.0	S	S	2	-	0	S
SD96-170RR-28L	PGTDYDbfI	2.3	1.0	R*	S	1	-	3	S
SDX00-053R-46	PGBDYIbII	2.5	1.0	R*	S	2	-	4	S
SD00-236R	PTBDYBrI	2.2	1.0	R	R	0	-	3	S
SD00-1018R	PGTDYIbI	1.5	1.0	S	R*	5	-	0	S
SDX00R-017-52	PGBDYIbI	2.0	1.0	H	S	1	-	9	
SDX00R-024-58	PGBDYIbI	1.8	1.0	S	R	3	-	0	S
SDX00R-029-3	PSBDYBI+BfI	1.8	1.0	R	R	2	-	5	S
SDX00R-00703369	PGBDYYSI	2.0	1.0	R	S*	4	-	4	
SD01-1075R	PGSDYBfI	1.8	1.0	S	S	1	-	4	S
SD01-1120R	PGTDYBfI	2.3	1.0	S	S*	15	-	2	S
SD01-2475R	PGBIYIbI	1.8	1.0	S	S	0	-	5	S
SD01-3219R	PGBSYIbI	1.5	1.0	R	R	8	-	4	S
SD01-3477R	PGBDYIbI	1.0	1.0	S	S	4	-	3	S
SDX01R-00403128	P+WSTDYBr+BfI	2.0	1.0	S	S	12	-	2	S
SDX01R-0070346	P+WTTDYBrI	2.5	1.0	S	S	4	-	3	
SDX01R-0080381	P+WBDYBrI	2.5	1.0	R	R	10	-	2	S
SD02R-8	PGTIYIbI	2.5	1.0	R	H*	10	-	3	S
SD02R-48	PGBDYIbI	2.0	1.0	H	H	13	2	5	S
SD02R-661	WGBDYDbfI	-	1.0	R	R	1	2	4	S
SD02R-666	PGBDYIbI	1.8	1.0	S	S	1	36	4	
SD02R-1795	PTBDYBII	1.5	1.0	S*	H*	1	20	0	S

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

HS = Hard Seed (no germination)

**UNIFORM TEST I Roundup-Ready, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	10 bu/a	10 No.	10 Date	10 Score	9 In.	10 g/100	7 Score	5 Protein %	5 Oil %
AG1501 (I)	46.2	4	9/8	1.7	35	12.1	1.6	36.2	21.9
SD1091RR (O)	41.7	20	-2.6	1.3	27	15.4	1.8	38.8	20.9
MN1803RR	43.0	16	4.4	1.9	35	14.1	1.6	38.3	20.9
DKB20-52	49.7	1	5.0	1.4	31	13.6	1.5	36.3	21.9
M98-332091	43.8	14	0.7	1.7	30	14.1	1.8	41.9	20.7
M99-386081	40.2	25	-0.7	1.6	30	12.8	1.4	37.4	21.4
M00-522005	41.4	22	-0.7	1.9	31	13.0	1.6	38.0	20.9
SD96-170RR-28L	41.6	21	-1.9	1.5	28	13.8	1.6	35.6	21.7
SDX00-053R-46	44.7	8	4.1	2.1	37	14.5	1.7	35.4	21.5
SD00-236R	39.3	28	-2.7	1.4	29	12.0	1.6	38.8	20.9
SD00-1018R	44.2	10	-0.2	2.0	32	13.3	1.7	36.0	21.5
SDX00R-017-52	48.5	2	2.4	1.6	31	13.0	1.7	36.9	21.8
SDX00R-024-58	42.2	19	0.5	1.6	34	11.8	1.7	34.8	21.1
SDX00R-029-3	44.0	12	2.1	1.7	30	14.2	1.8	36.9	21.7
SDX00R-00703369	42.5	17	0.5	1.3	28	13.9	2.0	37.3	21.4
SD01-1075R	43.9	13	2.7	1.4	32	16.5	1.4	38.3	20.9
SD01-1120R	44.8	7	3.2	1.6	34	16.4	1.7	36.7	21.7
SD01-2475R	40.2	25	-0.3	1.2	26	12.8	1.5	35.4	22.3
SD01-3219R	44.5	9	2.0	1.4	31	13.2	1.4	37.0	21.3
SD01-3477R	44.1	11	2.2	1.8	34	13.3	1.5	37.2	21.0
SDX01R-00403128	46.8	3	6.1	1.7	35	13.6	1.8	38.0	20.7
SDX01R-0070346	41.0	23	-0.2	1.5	32	14.1	2.0	38.8	19.9
SDX01R-0080381	43.5	15	4.3	1.7	36	13.7	1.8	37.3	20.3
SD02R-8	46.1	5	3.9	1.6	32	13.8	1.4	35.3	22.3
SD02R-48	45.4	6	3.7	1.4	28	14.7	1.5	35.8	21.7
SD02R-661	40.5	24	-1.6	1.4	32	14.9	1.5	36.6	21.4
SD02R-666	42.3	18	-1.4	1.7	30	16.0	1.7	38.1	21.3
SD02R-1795	40.1	27	-2.3	1.5	28	14.4	2.0	38.1	20.7

112.9 Days After Planting

**UNIFORM TEST I Roundup-Ready, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	18 bu/a	18 No.	19 Date	19 Score	18 In.	19 g/100	15 Score	10 %	10 %
SD1091RR (0)	40.9	14	9/12	1.3	27.3	15.9	1.8	40.2	19.8
MN1803RR	46.0	3	7.0	1.9	34.2	14.6	1.6	39.5	20.1
DKB20-52	50.7	1	8.4	1.3	30.5	14.5	1.5	37.6	21.0
M98-332091	44.3	9	5.1	1.6	30.9	14.7	1.8	42.8	19.8
SD96-170RR-28L	42.7	12	2.7	1.4	29.1	14.6	1.6	37.4	20.8
SDX00-053R-46	44.9	6	7.0	1.8	35.0	14.6	1.6	37.0	20.6
SD00-236R	41.5	13	2.2	1.4	29.5	13.1	1.5	39.8	20.0
SD00-1018R	43.0	11	1.0	1.6	31.1	13.8	1.6	37.2	20.7
SDX00R-024-58	43.6	10	4.4	1.6	33.5	12.0	1.6	36.7	20.1
SDX00R-029-3	44.6	7	6.1	1.5	29.9	15.1	1.7	38.4	21.1
SD01-1075R	45.3	5	6.2	1.4	32.0	17.4	1.5	39.0	20.4
SD01-1120R	45.4	4	7.3	1.5	32.8	17.4	1.6	38.2	21.0
SD01-3219R	44.6	7	5.4	1.3	30.3	13.7	1.4	38.6	20.7
SD01-3477R	46.5	2	4.9	1.7	33.9	13.7	1.5	38.6	20.3

121.6 Days After Planting

**UNIFORM TEST I Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Mean										
	10 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Ridgetown ONT	Aurora SD	Volga SD	Watertown SD
AG1501 (I)	46.2	37.6	41.7	37.7	47.0	51.3	60.4	31.6	56.7	49.6	47.9
SD1091RR (O)	41.7	29.5	29.0	38.6	39.8	41.5	57.5	28.4	57.2	47.3	47.8
MN1803RR	43.0	35.9	44.1	42.4	38.7	44.8	60.5	29.2	52.3	39.8	42.7
DKB20-52	49.7	43.5	44.8	46.7	40.0	51.1	80.5	33.6	59.0	45.1	52.9
M98-332091	43.8	35.8	36.9	46.1	44.1	44.9	62.7	34.2	46.4	41.6	45.0
M99-386081	40.2	28.2	29.9	41.9	33.9	42.3	57.9	32.6	50.3	41.9	42.8
M00-522005	41.4	33.8	34.8	43.6	34.5	39.9	61.8	32.2	48.3	39.1	46.0
SD96-170RR-28L	41.6	32.0	29.0	40.3	36.4	41.7	67.5	24.2	54.6	43.7	46.1
SDX00-053R-46	44.7	37.1	37.9	47.1	35.4	51.8	61.5	34.5	58.8	40.4	42.5
SD00-236R	39.3	26.6	28.7	50.2	29.7	40.7	60.3	27.2	48.3	37.1	44.6
SD00-1018R	44.2	38.1	41.6	52.0	37.0	46.0	56.7	32.9	53.7	41.4	42.6
SDX00R-017-52	48.5	41.4	47.3	53.9	38.7	48.5	70.5	35.1	57.2	43.6	48.6
SDX00R-024-58	42.2	35.4	34.8	47.0	37.9	40.9	58.5	32.8	51.6	40.3	42.6
SDX00R-029-3	44.0	32.7	29.6	47.8	35.9	45.0	65.9	33.5	56.7	49.0	43.9
SDX00R-00703369	42.5	29.6	27.7	55.9	31.0	45.4	59.2	31.3	56.5	41.4	47.3
SD01-1075R	43.9	34.4	39.4	41.2	35.6	47.3	59.7	29.0	59.3	47.2	45.8
SD01-1120R	44.8	37.3	40.9	56.4	30.9	47.2	59.5	29.7	60.0	40.3	45.8
SD01-2475R	40.2	24.6	27.0	48.9	33.0	43.4	55.8	24.9	54.9	41.9	47.6
SD01-3219R	44.5	38.1	42.1	41.6	42.7	46.7	67.2	27.8	54.5	39.8	44.9
SD01-3477R	44.1	37.1	40.2	41.9	41.2	42.9	70.9	28.9	54.8	40.3	42.5
SDX01R-00403128	46.8	37.4	39.8	50.0	42.8	46.0	68.3	32.5	55.7	50.6	45.1
SDX01R-0070346	41.0	29.0	27.1	50.0	32.7	44.8	57.0	30.1	55.2	42.7	41.7
SDX01R-0080381	43.5	39.0	35.7	48.4	34.4	42.7	60.0	32.1	56.6	45.5	40.5
SD02R-8	46.1	38.4	44.4	56.5	34.7	50.5	62.3	33.8	54.6	40.9	45.2
SD02R-48	45.4	39.3	42.6	53.5	32.9	41.5	65.7	27.8	58.5	43.7	48.0
SD02R-661	40.5	32.1	31.0	43.3	34.9	37.1	61.8	31.2	49.6	41.0	42.6
SD02R-666	42.3	29.9	37.3	54.1	36.1	40.8	54.8	29.0	54.7	40.2	45.9
SD02R-1795	40.1	30.6	25.5	48.5	31.5	39.1	54.5	27.4	53.2	44.3	46.2
C.V. (%)		10.6	10.2	15.4	13.1	13.4	11.5	9.9	6.1	13.3	8.8
L.S.D. (5%)		6.0	6.0	12.4	8.1	9.8	11.7	4.1	5.4	9.2	6.5
Row Sp. (In.)		24	30	15	15	10	10	17	30	30	30
Rows/Plot		4	4	6	6	8	8	5	4	4	4
Reps		3	3	2	2	3	3	3	3	3	3

\*Data not included in mean.

**UNIFORM TEST I Roundup-Ready, 2005**

**YIELD RANK**

Strain	Mean										
	10 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Ridgetown ONT	Aurora SD	Volga SD	Watertown SD
AG1501 (I)	4	8	7	28	1	2	15	13	8	2	4
SD1091RR (O)	20	24	22	27	7	21	23	22	6	4	5
MN1803RR	16	13	4	21	8	14	14	18	22	25	21
DKB20-52	1	1	2	17	6	3	1	5	3	7	1
M98-332091	14	14	15	18	2	13	9	3	28	15	16
M99-386081	25	26	20	22	21	19	22	9	24	13	20
M00-522005	22	17	17	19	19	26	11	11	26	27	10
SD96-170RR-28L	21	20	22	26	12	20	5	28	17	9	9
SDX00-053R-46	8	11	13	15	16	1	13	2	4	20	25
SD00-236R	28	27	24	8	28	25	16	26	27	28	18
SD00-1018R	10	6	8	7	11	9	25	7	20	16	22
SDX00R-017-52	2	2	1	5	9	5	3	1	6	11	2
SDX00R-024-58	19	15	17	16	10	23	21	8	23	21	22
SDX00R-029-3	12	18	21	14	14	12	7	6	8	3	19
SDX00R-00703369	17	23	25	3	26	11	20	14	11	17	7
SD01-1075R	13	16	12	25	15	6	18	19	2	5	12
SD01-1120R	7	10	9	2	27	7	19	17	1	21	12
SD01-2475R	25	28	27	11	22	16	26	27	14	14	6
SD01-3219R	9	6	6	24	4	8	6	23	19	26	17
SD01-3477R	11	11	10	23	5	17	2	21	15	21	25
SDX01R-00403128	3	9	11	9	3	9	4	10	12	1	15
SDX01R-0070346	23	25	26	10	24	14	24	16	13	12	27
SDX01R-0080381	15	4	16	13	20	18	17	12	10	6	28
SD02R-8	5	5	3	1	18	4	10	4	18	19	14
SD02R-48	6	3	5	6	23	21	8	24	5	10	3
SD02R-661	24	19	19	20	17	28	11	15	25	18	22
SD02R-666	18	22	14	4	13	24	27	20	16	24	11
SD02R-1795	27	21	28	12	25	27	28	25	21	8	8



**UNIFORM TEST I Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Mean										
	10 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Ridgetown ONT	Aurora SD	Volga SD	Watertown SD
AG1501 (I)	9/8	8/21	9/8	9/6	9/3	9/19	9/20	8/26	9/13	9/14	9/16
SD1091RR (O)	-2.6	-2	-4	-2	-3	-3	-4	-1	-1	-2	-4
MN1803RR	4.4	6	3	1	3	7	4	4	10	2	4
DKB20-52	5.0	11	2	4	2	7	8	4	4	2	6
M98-332091	0.7	3	0	0	-1	2	0	1	2	-1	1
M99-386081	-0.7	-1	0	-1	-2	0	-2	1	0	-1	-1
M00-522005	-0.7	1	-1	-2	-3	-1	-3	3	-2	-2	3
SD96-170RR-28L	-1.9	0	-2	-2	-3	-2	-2	-3	-1	-3	-1
SDX00-053R-46	4.1	7	0	0	3	6	8	1	8	2	6
SD00-236R	-2.7	0	-1	-2	-4	-3	-7	-5	-1	-2	-2
SD00-1018R	-0.2	1	0	3	-3	1	-1	-1	0	-1	-1
SDX00R-017-52	2.4	4	0	1	2	6	6	2	3	0	0
SDX00R-024-58	0.5	-1	0	-2	0	2	0	0	4	-1	3
SDX00R-029-3	2.1	5	0	2	1	3	5	1	2	1	1
SDX00R-00703369	0.5	3	-1	1	-3	3	0	1	3	-2	0
SD01-1075R	2.7	5	0	1	1	5	5	2	3	1	4
SD01-1120R	3.2	5	0	3	-1	5	6	2	8	0	4
SD01-2475R	-0.3	3	0	-1	-4	1	0	0	0	-2	0
SD01-3219R	2.0	7	-1	-2	1	4	5	0	2	1	3
SD01-3477R	2.2	4	0	1	2	3	5	0	2	1	4
SDX01R-00403128	6.1	10	0	4	4	8	8	3	10	8	6
SDX01R-0070346	-0.2	1	-1	0	-5	3	-2	0	1	-2	3
SDX01R-0080381	4.3	9	0	4	5	7	6	3	7	0	2
SD02R-8	3.9	11	0	4	2	7	6	0	4	2	3
SD02R-48	3.7	11	-1	3	3	6	7	4	5	0	-1
SD02R-661	-1.6	-1	-1	-1	-3	-3	-3	0	-2	-1	-1
SD02R-666	-1.4	0	-1	1	-3	-2	-4	0	-2	-2	-1
SD02R-1795	-2.3	1	-2	1	-4	-2	-7	-2	-2	-2	-4
Date Planted	5/18	5/7	5/16	5/18	5/10	5/26	5/24	5/18	5/21	5/27	5/18
Days to Mature	113	106	115	111	116	116	119	100	115	110	121

**UNIFORM TEST I Roundup-Ready, 2005**

**LODGING (score)**

Strain	Mean			Ingham	Saginaw			Ridgetown	Aurora	Volga	Watertown
	10 Tests	Lafayette IN	Wanatah IN	County MI	County MI	Lamberton MN	Waseca MN	ONT	SD	SD	SD
AG1501 (I)	1.7	1.2	1.0	1.5	1.0	1.7	2.0	1.0	2.0	4.0	2.0
SD1091RR (O)	1.3	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	3.0	1.0
MN1803RR	1.9	1.0	1.0	2.0	1.0	2.0	2.0	1.0	3.0	4.0	2.0
DKB20-52	1.4	1.0	1.0	1.5	1.0	1.0	2.0	1.0	1.0	2.0	2.0
M98-332091	1.7	1.0	1.0	2.5	1.0	1.3	2.0	1.0	2.0	2.0	3.0
M99-386081	1.6	1.0	1.0	1.5	1.0	1.7	2.0	1.0	2.0	3.0	2.0
M00-522005	1.9	1.2	1.0	2.5	1.0	1.7	2.3	1.0	2.0	3.0	3.0
SD96-170RR-28L	1.5	1.0	1.0	1.5	1.0	1.0	2.0	1.0	2.0	1.0	3.0
SDX00-053R-46	2.1	1.0	1.0	3.0	1.0	2.0	3.0	1.0	3.0	3.0	3.0
SD00-236R	1.4	1.0	1.0	1.5	1.0	1.7	2.0	1.0	2.0	1.0	2.0
SD00-1018R	2.0	1.0	1.0	3.0	1.0	1.7	2.0	1.0	3.0	4.0	2.0
SDX00R-017-52	1.6	1.0	1.0	2.5	1.0	1.7	2.0	1.0	2.0	2.0	2.0
SDX00R-024-58	1.6	1.0	1.0	2.5	1.0	1.7	2.0	1.0	3.0	1.0	2.0
SDX00R-029-3	1.7	1.0	1.0	2.5	1.0	1.7	2.0	1.0	2.0	2.0	3.0
SDX00R-00703369	1.3	1.0	1.0	2.0	1.0	1.0	1.7	1.0	1.0	1.0	2.0
SD01-1075R	1.4	1.0	1.0	1.5	1.0	1.7	2.0	1.0	1.0	2.0	2.0
SD01-1120R	1.6	1.0	1.0	2.5	1.0	1.7	2.0	1.0	2.0	2.0	2.0
SD01-2475R	1.2	1.0	1.0	1.0	1.0	1.0	1.7	1.0	1.0	2.0	1.0
SD01-3219R	1.4	1.0	1.0	2.0	1.0	1.0	2.0	1.0	2.0	2.0	1.0
SD01-3477R	1.8	1.0	1.0	2.5	1.0	2.0	2.7	1.0	2.0	3.0	2.0
SDX01R-00403128	1.7	1.0	1.0	2.5	1.0	1.3	2.3	1.0	2.0	2.0	3.0
SDX01R-0070346	1.5	1.0	1.0	1.5	1.0	1.0	2.0	1.0	2.0	2.0	2.0
SDX01R-0080381	1.7	1.0	1.0	3.0	1.0	1.3	2.7	1.0	2.0	2.0	2.0
SD02R-8	1.6	1.0	1.0	2.5	1.0	1.0	2.0	1.0	1.0	3.0	2.0
SD02R-48	1.4	1.0	1.0	2.0	1.0	1.0	2.0	1.0	2.0	1.0	2.0
SD02R-661	1.4	1.0	1.0	1.5	1.0	1.0	2.0	1.0	1.0	2.0	2.0
SD02R-666	1.7	1.0	1.0	2.5	1.0	1.3	2.0	1.0	2.0	2.0	3.0
SD02R-1795	1.5	1.0	1.0	1.5	1.0	1.0	2.0	1.0	2.0	2.0	2.0

**UNIFORM TEST I Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean			Ingham	Saginaw						
	9 Tests	Lafayette IN	Wanatah IN	County MI	County MI	Lamberton MN	Waseca MN	Ridgetown ONT	Aurora SD	Volga SD	Watertown SD
AG1501 (I)	35	28	30	39	32		38	23	38	41	42
SD1091RR (O)	27	21	23	31	21		31	17	28	33	36
MN1803RR	35	30	30	41	33		37	22	40	41	41
DKB20-52	31	27	27	38	28		33	24	31	34	35
M98-332091	30	24	27	35	28		33	23	32	33	38
M99-386081	30	23	26	33	23		33	21	35	34	38
M00-522005	31	25	27	34	26		31	23	37	38	36
SD96-170RR-28L	28	25	27	31	23		33	19	37	27	34
SDX00-053R-46	37	33	32	46	31		41	26	46	43	38
SD00-236R	29	23	26	38	22		31	19	32	30	38
SD00-1018R	32	27	29	38	25		35	22	38	38	35
SDX00R-017-52	31	26	27	43	27		35	22	34	33	35
SDX00R-024-58	34	30	29	42	29		37	25	36	37	39
SDX00R-029-3	30	26	25	34	26		34	22	36	34	34
SDX00R-00703369	28	22	24	35	21		31	20	38	25	37
SD01-1075R	32	26	27	37	27		35	24	36	35	37
SD01-1120R	34	28	30	41	26		37	21	37	40	42
SD01-2475R	26	21	23	28	20		28	19	32	33	34
SD01-3219R	31	25	27	36	26		33	19	37	36	38
SD01-3477R	34	26	32	37	33		38	22	38	42	39
SDX01R-00403128	35	29	30	39	30		37	23	41	41	44
SDX01R-0070346	32	25	26	39	25		33	21	38	40	37
SDX01R-0080381	36	33	31	46	29		37	25	44	39	43
SD02R-8	32	25	27	44	22		37	20	36	37	40
SD02R-48	28	24	25	36	21		33	19	33	29	34
SD02R-661	32	27	29	35	29		35	24	37	35	40
SD02R-666	30	24	26	38	27		31	22	30	31	37
SD02R-1795	28	24	24	34	20		29	19	30	37	37

**UNIFORM TEST I Roundup-Ready, 2005**

**SEED SIZE (g/100)**

Strain	Mean			Ingham	Saginaw						
	10 Tests	Lafayette IN	Wanatah IN	County MI	County MI	Lamberton MN	Waseca MN	Ridgetown ONT	Aurora SD	Volga SD	Watertown SD
AG1501 (I)	12.1	10.3	12.7	9.9	10.8	13.7	14.4	10.4	12.4	13.9	12.5
SD1091RR (O)	15.4	14.2	15.4	13.3	14.3	17.5	19.2	12.5	15.8	16.5	15.5
MN1803RR	14.1	11.8	15.3	11.2	11.1	16.7	17.7	13.3	14.4	15.2	14.2
DKB20-52	13.6	13.0	14.2	12.0	10.7	16.5	16.2	11.6	13.5	14.5	13.9
M98-332091	14.1	14.8	13.5	12.8	12.1	15.6	16.6	12.7	14.0	14.7	13.9
M99-386081	12.8	11.6	12.1	11.1	9.8	14.7	15.0	12.1	12.8	14.5	14.0
M00-522005	13.0	13.4	12.8	11.9	11.3	14.8	14.3	11.5	12.3	14.0	13.6
SD96-170RR-28L	13.8	12.9	13.8	11.7	11.6	15.0	16.8	11.5	14.4	15.2	15.1
SDX00-053R-46	14.5	13.7	14.4	12.1	11.2	17.7	17.4	13.1	14.2	17.0	14.1
SD00-236R	12.0	11.0	11.2	10.8	9.3	13.6	14.4	11.1	11.9	13.7	13.3
SD00-1018R	13.3	12.2	14.3	12.8	11.8	14.8	14.8	12.4	12.1	14.0	13.6
SDX00R-017-52	13.0	11.9	13.3	13.3	10.7	14.7	15.0	12.1	12.6	13.4	13.0
SDX00R-024-58	11.8	10.8	12.0	10.3	9.5	12.4	12.9	10.5	11.4	16.2	11.9
SDX00R-029-3	14.2	13.8	14.8	12.4	11.1	16.0	17.1	12.7	13.9	15.8	14.2
SDX00R-00703369	13.9	13.2	13.8	13.5	10.8	15.6	15.8	13.7	13.8	15.1	13.5
SD01-1075R	16.5	16.0	17.3	12.0	12.4	19.3	20.3	14.6	17.5	18.9	16.4
SD01-1120R	16.4	14.1	17.7	16.0	12.6	19.8	20.0	14.5	18.0	16.7	14.6
SD01-2475R	12.8	12.4	13.0	12.0	10.2	14.5	15.1	11.1	13.6	12.9	13.1
SD01-3219R	13.2	12.6	14.1	9.2	11.9	15.0	16.0	11.5	13.6	14.6	13.7
SD01-3477R	13.3	11.2	13.6	11.3	11.2	15.8	16.7	11.8	13.2	14.5	13.4
SDX01R-00403128	13.6	11.4	14.2	13.0	11.0	16.5	15.7	11.9	12.9	15.2	13.9
SDX01R-0070346	14.1	13.5	12.8	13.5	12.3	16.1	16.8	11.4	14.2	16.9	13.5
SDX01R-0080381	13.7	13.6	14.2	13.6	11.4	15.8	15.7	12.4	12.9	14.0	13.7
SD02R-8	13.8	13.0	13.6	12.3	11.2	15.2	15.1	16.3	12.8	14.6	14.1
SD02R-48	14.7	15.0	14.5	13.8	11.9	16.5	17.7	12.5	15.0	16.1	14.3
SD02R-661	14.9	14.6	15.0	13.2	12.5	15.2	16.9	14.5	15.6	16.6	15.2
SD02R-666	16.0	13.9	15.4	16.1	14.4	17.5	18.9	13.1	16.4	17.3	17.0
SD02R-1795	14.4	14.3	14.2	14.2	12.2	15.9	17.3	11.5	15.3	14.7	14.1

**UNIFORM TEST I Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Mean			Ingham	Saginaw			Ridgetown	Aurora	Volga	Watertown
	7	Lafayette	Wanatah	County	County	Lamberton	Waseca	ONT	SD	SD	SD
	Tests	IN	IN	MI	MI	MN	MN				
AG1501 (I)	1.6	2.0	1.0			1.3	1.0		2.0	2.0	2.0
SD1091RR (O)	1.8	2.5	1.0			1.7	1.5		2.0	2.0	2.0
MN1803RR	1.6	2.0	1.0			1.3	1.0		2.0	2.0	2.0
DKB20-52	1.5	1.5	1.0			1.0	1.0		2.0	2.0	2.0
M98-332091	1.8	1.5	1.5			1.3	1.5		2.0	2.0	3.0
M99-386081	1.4	1.0	1.0			1.0	1.0		2.0	2.0	2.0
M00-522005	1.6	1.0	1.0			1.3	1.0		2.0	3.0	2.0
SD96-170RR-28L	1.6	1.5	1.0			1.7	1.0		2.0	2.0	2.0
SDX00-053R-46	1.7	2.5	1.5			1.7	1.0		1.0	2.0	2.0
SD00-236R	1.6	1.5	1.0			1.7	1.0		2.0	2.0	2.0
SD00-1018R	1.7	1.5	1.0			1.7	1.0		2.0	2.0	3.0
SDX00R-017-52	1.7	1.5	1.0			1.7	1.0		2.0	2.0	3.0
SDX00R-024-58	1.7	1.5	1.0			1.7	1.0		2.0	2.0	3.0
SDX00R-029-3	1.8	2.5	1.5			1.7	1.0		2.0	2.0	2.0
SDX00R-00703369	2.0	1.5	1.5			1.3	1.5		2.0	2.0	4.0
SD01-1075R	1.4	1.5	1.0			1.3	1.0		1.0	2.0	2.0
SD01-1120R	1.7	2.0	1.0			1.7	1.0		2.0	2.0	2.0
SD01-2475R	1.5	1.5	1.0			1.3	1.0		2.0	2.0	2.0
SD01-3219R	1.4	1.0	1.0			1.0	1.0		2.0	2.0	2.0
SD01-3477R	1.5	1.5	1.0			1.3	1.0		2.0	2.0	2.0
SDX01R-00403128	1.8	1.5	1.0			2.0	2.0		2.0	2.0	2.0
SDX01R-0070346	2.0	2.0	1.5			1.3	1.0		2.0	2.0	4.0
SDX01R-0080381	1.8	1.5	1.0			1.7	1.5		2.0	2.0	3.0
SD02R-8	1.4	1.0	1.0			1.0	1.0		2.0	2.0	2.0
SD02R-48	1.5	1.5	1.0			1.0	1.0		2.0	2.0	2.0
SD02R-661	1.5	2.0	1.5			1.3	1.0		1.0	2.0	2.0
SD02R-666	1.7	2.0	1.0			1.7	1.0		2.0	2.0	2.0
SD02R-1795	2.0	1.5	1.5			2.0	2.0		2.0	2.0	3.0

**UNIFORM TEST I Roundup-Ready, 2005**

**PROTEIN (%)**

Strain	Mean 5 Tests	Wanatah IN	Lamberton MN	Waseca MN	Aurora SD	Watertown SD
AG1501 (I)	36.2	35.7	35.1	36.8	33.7	39.8
SD1091RR (0)	38.8	39.4	38.1	39.2	35.7	41.7
MN1803RR	38.3	39.4	36.7	39.3	35.2	41.0
DKB20-52	36.3	38.1	34.8	36.7	33.8	38.2
M98-332091	41.9	41.2	41.8	42.5	38.9	45.0
M99-386081	37.4	38.0	36.8	38.0	33.9	40.4
M00-522005	38.0	38.4	37.8	38.6	34.3	40.7
SD96-170RR-28L	35.6	35.2	34.0	36.3	32.3	40.2
SDX00-053R-46	35.4	36.2	34.2	35.0	32.5	39.3
SD00-236R	38.8	41.0	38.5	38.1	34.6	41.5
SD00-1018R	36.0	35.6	35.2	37.1	31.3	40.7
SDX00R-017-52	36.9	35.9	36.3	36.5	33.8	41.9
SDX00R-024-58	34.8	35.6	33.2	34.7	31.7	39.0
SDX00R-029-3	36.9	37.0	36.2	37.0	33.0	41.3
SDX00R-00703369	37.3	36.7	36.3	39.0	35.0	39.8
SD01-1075R	38.3	37.5	38.8	38.4	36.8	39.9
SD01-1120R	36.7	37.7	35.4	36.4	33.4	40.8
SD01-2475R	35.4	35.8	34.4	36.7	31.6	38.3
SD01-3219R	37.0	36.6	37.9	37.6	33.4	39.4
SD01-3477R	37.2	37.0	35.5	38.5	34.7	40.5
SDX01R-00403128	38.0	39.1	36.6	38.2	34.9	41.1
SDX01R-0070346	38.8	38.1	39.0	39.2	36.1	41.4
SDX01R-0080381	37.3	38.3	36.2	37.2	33.8	40.9
SD02R-8	35.3	35.6	33.8	35.1	32.2	39.9
SD02R-48	35.8	35.6	33.9	36.0	33.9	39.8
SD02R-661	36.6	37.2	34.4	36.1	35.2	40.0
SD02R-666	38.1	38.1	37.5	39.2	33.5	42.0
SD02R-1795	38.1	39.0	37.5	38.3	34.3	41.6

**UNIFORM TEST I Roundup-Ready, 2005**

**OIL (%)**

Strain	Mean 5 Tests	Wanatah IN	Lamberton MN	Waseca MN	Aurora SD	Watertown SD
AG1501 (I)	21.9	23.7	22.8	21.3	22.4	19.5
SD1091RR (0)	20.9	22.2	21.3	21.2	21.3	18.5
MN1803RR	20.9	21.8	21.9	20.5	21.9	18.4
DKB20-52	21.9	22.6	22.5	21.5	22.4	20.6
M98-332091	20.7	22.3	21.2	20.2	21.6	18.3
M99-386081	21.4	22.4	21.6	21.2	22.3	19.4
M00-522005	20.9	21.9	21.3	20.6	22.1	18.6
SD96-170RR-28L	21.7	23.3	22.2	21.4	22.5	19.0
SDX00-053R-46	21.5	22.1	22.5	21.9	22.0	19.2
SD00-236R	20.9	21.1	21.3	21.3	22.1	18.7
SD00-1018R	21.5	23.2	21.9	21.1	22.8	18.7
SDX00R-017-52	21.8	23.8	22.1	21.8	22.3	19.0
SDX00R-024-58	21.1	22.7	21.7	21.1	21.8	18.4
SDX00R-029-3	21.7	22.7	21.6	21.9	23.0	19.5
SDX00R-00703369	21.4	23.5	21.5	21.2	22.1	18.6
SD01-1075R	20.9	22.0	20.5	20.6	21.7	19.5
SD01-1120R	21.7	22.8	22.4	21.7	22.7	19.0
SD01-2475R	22.3	23.4	22.8	21.8	23.5	20.2
SD01-3219R	21.3	23.3	20.7	20.9	22.2	19.3
SD01-3477R	21.0	22.0	21.9	20.8	21.6	18.6
SDX01R-00403128	20.7	20.9	21.7	20.7	21.4	18.8
SDX01R-0070346	19.9	20.8	19.4	20.1	20.9	18.3
SDX01R-0080381	20.3	20.5	21.3	20.7	21.2	18.0
SD02R-8	22.3	24.2	23.0	21.8	22.8	19.5
SD02R-48	21.7	23.4	22.4	21.5	22.1	19.2
SD02R-661	21.4	22.9	21.5	21.7	21.9	18.9
SD02R-666	21.3	22.5	21.6	21.0	22.8	18.8
SD02R-1795	20.7	21.6	21.1	20.7	21.7	18.2

**Uniform Test II Roundup-Ready, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG2403 (II)	na	new		
2.	DKB20-52 (SCN)	na	1		
3.	DKB26-52 (SCN)	na	1		
4.	AG2801 (SCN)	na	1		
5.	LD01-11363	U94-2306 x LDX97001 (Olympus x 970203)	PTIIRR	F5	
6.	NEX2205A0R		new		Det.
7.	NEX2403K1R		1		Rps1-k, Det.
8.	NEX2403K2R		1		Rps1-k, Det.
9.	NEX2505A0R		new		
10.	NEX2605B0R		new		
11.	NEX27033R		1		Rps1-k, Det.
12.	NEX2705A0R		new		Det.
13.	NEX2803Y3R		1		Rps1-k, Det.
14.	NEX2803Y5R		1		Rps1-k, Det.
15.	NEX2905A0R		new		Det.
16.	NEX3301H1R		1		Rps1-c, Det.
17.	SD93-828R	SD93-828 (3) x ResnikRR	1	F4	Rps1-k, Rps6
18.	SDX00R-039-42	IA2021 x SD93-828R	1	F4	RR, Rps1-k
19.	SDX00R-015-9	Spink x SD93-828R	PTII-RR	F4	RR
20.	SDX00R-035-56	A97-771039 X SD1081RR	PTII-RR	F4	RR
21.	SD01-5R	Stride (1) x Resnik RR	PTII-RR	F5	RR
22.	SD01-76R	(Stride x ResnikRR) x Stride	1	F4	RR, Rps1-a
23.	SD01-1135R	SD93-1043 x SD1091RR	PTII-RR	F5	RR
24.	SD01-3603R	SD94-782 x SD1091RR	1	F4	RR, Rps1-k



**UNIFORM TEST II Roundup-Ready, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	Green Stem	Shattering	PR		SDS	HS	PS	FE
		Score	Score	Lafayette		Pontiac		Lafayette	
		Pine Tree AR	Manhattan KS	Race 4	Race 7	IL DX	n	a %	a
AG2403 (II)	PTTDYBII	1.0	1.0	R	R	5	4	4	S
DKB20-52 (SCN)	PGTDYIbI	1.0	1.0	R	R	1	4	5	S
DKB26-52 (SCN)	PGBDYIbI	1.0	2.0	S	S*	0	6	3	S
AG2801 (SCN)	PLrTIYBII	2.0	1.0	S	S	0	0	2	S
LD01-11363	PSBDYBII	2.0	1.0	S	S*	1	0	7	S
NEX2205A0R	PGBIYIbD	1.0	1.0	R	R	3	10	0	
NEX2403K1R	WTTDYBID	1.0	1.0	R	R	9	6	0	S
NEX2403K2R	WGTDYBfD	2.0	1.0	R	R	12	6	0	S
NEX2505A0R	PGBDYIbI	1.0	1.0	S	S	19	4	0	S
NEX2605B0R	WSBIYBI+BfI	1.0	1.0	S	R	0	2	0	S
NEX27033R	WGBDYBfD	1.0	1.0	S*	R	1	0	2	S
NEX2705A0R	W+PGBSYBfD	1.0	1.0	S	R	4	0	2	
NEX2803Y3R	PGBSYIbD	2.0	1.0	S*	S*	9	0	4	S
NEX2803Y5R	WGBIYBfD	2.0	1.0	S*	S*	18	2	3	S
NEX2905A0R	PGBDYIbD	1.0	1.0	S	S	2	14	4	S
NEX3301H1R	WTBDYBID	4.0	1.0	S	R	1	8	0	S
SD93-828R	PGBDYIbI	1.0	3.0	R	R	1	6	3	
SDX00R-039-42	PGBDYIbI	2.0	1.0	R	R	9	46	1	S
SDX00R-015-9	PGBDYBfI	1.0	1.0	R	S	1	10	2	
SDX00R-035-56	WGBDYLbfi	1.0	1.0	S	S	10	20	2	S
SD01-5R	PGTIYIbI	1.0	1.0	S	S	6	0	1	S
SD01-76R	PGTSYIbI	1.0	1.0	S	S	16	4	0	S
SD01-1135R	PGTDYIbI	1.0	1.0	S	S*	17	6	1	S
SD01-3603R	PGBDYIb+BfI	1.0	1.0	R	R	7	4	1	S

HS = Hard Seed (no germination)

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**UNIFORM TEST II Roundup-Ready, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	11 bu/a	11 No.	10 Date	10 Score	9 In.	10 g/100	6 Score	Protein 3 %	Oil 3 %
AG2403 (II)	59.7	3	9/12	1.3	29	15.2	2.0	37.7	21.6
DKB20-52 (SCN)	56.9	15	-3.5	1.4	30	13.7	1.9	37.4	22.4
DKB26-52 (SCN)	58.0	11	1.9	2.2	38	13.5	1.8	37.9	21.1
AG2801 (SCN)	60.1	1	6.3	1.6	33	14.0	1.6	38.9	20.0
LD01-11363	59.5	4	6.6	2.1	39	12.9	1.6	36.9	20.6
NEX2205A0R	55.5	16	-3.9	1.6	27	12.2	1.6	35.0	21.5
NEX2403K1R	57.2	14	-1.8	1.4	27	13.6	1.6	37.0	21.2
NEX2403K2R	58.1	10	-0.9	1.4	27	14.0	1.9	35.9	22.1
NEX2505A0R	57.7	12	0.1	1.8	33	14.3	1.7	36.3	20.7
NEX2605B0R	58.4	7	0.4	1.9	31	13.8	1.7	37.7	20.2
NEX27033R	58.6	5	3.4	1.7	30	14.8	1.6	38.5	20.3
NEX2705A0R	55.5	16	1.5	1.5	30	12.5	1.5	37.5	20.7
NEX2803Y3R	58.2	9	3.4	1.9	30	14.6	1.9	37.3	21.3
NEX2803Y5R	58.6	5	4.6	1.9	31	14.3	2.1	37.3	21.2
NEX2905A0R	59.9	2	7.7	1.7	31	12.7	1.7	37.0	20.8
NEX3301H1R	57.5	13	7.2	1.9	33	15.6	1.8	37.0	21.3
SD93-828R	41.2	24	-8.0	1.4	27	14.4	1.9	34.8	22.7
SDX00R-039-42	53.4	19	-1.5	2.3	36	12.5	2.2	32.9	23.0
SDX00R-015-9	50.3	23	-6.0	1.6	33	13.9	2.1	34.3	22.5
SDX00R-035-56	58.3	8	-1.2	1.8	33	12.8	1.8	36.0	21.4
SD01-5R	52.8	20	-3.8	1.5	32	14.0	1.6	37.7	20.6
SD01-76R	51.5	21	-4.8	1.5	32	13.5	1.4	36.6	22.4
SD01-1135R	51.1	22	-5.8	1.9	30	15.0	1.8	37.9	21.7
SD01-3603R	53.9	18	5.6	2.8	39	16.8	1.8	37.3	21.6

121.4 Days After Planting

**UNIFORM TEST II Roundup-Ready, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	23 bu/a	23 No.	19 Date	22 Score	19 In.	20 g/100	13 Score	8 %	8 %
DKB20-52 (SCN)	58.1	8	9/12	1.3	28	14.4	1.7	38.6	21.0
DKB26-52 (SCN)	57.2	9	4.9	1.9	35	13.8	1.7	39.2	19.7
AG2801 (SCN)	58.6	6	10.9	1.5	32	14.2	1.6	39.6	19.4
NEX2403K1R	58.5	7	1.0	1.3	27	13.9	1.6	38.3	20.1
NEX2403K2R	59.6	4	2.1	1.4	27	14.0	1.7	37.7	20.5
NEX27033R	59.5	5	5.9	1.7	30	15.0	1.6	39.4	19.3
NEX2803Y3R	60.4	1	6.3	1.8	30	14.6	1.8	38.3	20.0
NEX2803Y5R	60.0	2	7.0	1.7	30	14.4	1.9	38.4	20.1
NEX3301H1R	59.7	3	9.1	1.9	32	16.1	1.7	38.7	19.7
SD93-828R	45.7	13	-3.1	1.4	28	13.9	1.7	36.6	21.2
SDX00R-039-42	54.8	10	2.1	1.9	33	12.9	1.9	35.0	21.5
SD01-76R	51.8	12	-0.9	1.4	30	13.7	1.6	38.1	21.2
SD01-3603R	54.1	11	9.1	2.4	37	17.1	1.7	38.0	20.8

120.3 Days After Planting

**UNIFORM TEST II Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Mean 11 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	59.7	49.2	50.3	55.3	40.6	41.5	47.6	66.8
DKB20-52 (SCN)	56.9	45.4	40.7	62.7	41.7	50.0	42.2	60.2
DKB26-52 (SCN)	58.0	52.2	43.1	67.8	52.9	48.3	43.2	67.8
AG2801 (SCN)	60.1	43.1	45.5	70.0	55.1	51.0	40.1	74.9
LD01-11363	59.5	38.4	44.9	66.4	52.3	51.9	37.7	69.9
NEX2205A0R	55.5	51.4	41.4	49.9	40.5	45.9	38.4	59.2
NEX2403K1R	57.2	44.0	41.5	56.5	45.4	42.5	40.1	66.0
NEX2403K2R	58.1	38.8	36.0	54.7	44.2	41.1	42.1	63.5
NEX2505A0R	57.7	36.7	42.3	54.6	37.5	47.8	43.9	63.7
NEX2605B0R	58.4	35.4	48.7	60.8	42.9	50.4	45.4	64.7
NEX27033R	58.6	56.0	45.7	60.2	44.9	51.7	40.8	71.8
NEX2705A0R	55.5	18.0	40.9	55.1	43.3	47.6	34.8	61.5
NEX2803Y3R	58.2	23.5	42.5	52.3	48.5	46.4	36.4	68.8
NEX2803Y5R	58.6	50.1	50.0	55.5	51.5	41.0	42.2	69.8
NEX2905A0R	59.9	66.5	47.8	64.6	52.1	52.7	39.9	76.6
NEX3301H1R	57.5	41.0	43.5	62.2	51.5	48.0	39.9	73.0
SD93-828R	41.2	15.3	26.7	25.5	24.6	27.1	30.9	47.7
SDX00R-039-42	53.4	37.2	44.4	52.8	32.4	47.3	39.4	60.2
SDX00R-015-9	50.3	35.1	24.5	38.9	32.1	42.4	34.6	56.0
SDX00R-035-56	58.3	45.3	30.2	56.3	41.2	48.8	40.8	71.8
SD01-5R	52.8	55.5	38.3	47.9	43.9	34.5	40.9	66.7
SD01-76R	51.5	45.8	41.7	48.0	38.9	42.3	43.9	66.9
SD01-1135R	51.1	46.7	37.2	47.6	32.3	34.3	38.1	57.5
SD01-3603R	53.9	60.4	41.0	56.6	44.6	45.5	33.8	58.8
C.V. (%)		16.4	12.6	4.7	8.1	13.0	13.3	4.1
L.S.D. (5%)		14.6	9.3	3.5	5.7	9.6	9.1	4.5
Row Sp. (In.)		6.5	6.5	30	24	30	15	15
Rows/Plot		9	9	4	4	4	6	6
Reps		3	3	3	3	3	2	2

\*Data not included in mean.

**UNIFORM TEST II Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Aurora SD	Volga SD
AG2403 (II)	59.6	80.1	89.2	60.4	66.3	49.4
DKB20-52 (SCN)	53.5	78.9	71.4	55.9	62.6	47.3
DKB26-52 (SCN)	54.8	73.3	79.9	51.4	50.1	48.7
AG2801 (SCN)	56.7	74.3	75.4	54.3	56.6	52.1
LD01-11363	59.0	73.5	89.3	52.4	53.3	49.3
NEX2205A0R	59.9	75.3	80.2	51.9	56.9	52.2
NEX2403K1R	60.3	73.0	76.3	57.8	60.1	51.1
NEX2403K2R	59.4	79.3	86.7	53.9	60.6	53.2
NEX2505A0R	57.6	73.7	83.3	53.5	59.2	59.9
NEX2605B0R	57.5	75.3	84.1	44.5	59.0	57.7
NEX27033R	61.3	72.9	77.8	53.9	60.3	49.4
NEX2705A0R	60.4	68.3	87.3	52.7	53.4	46.0
NEX2803Y3R	62.7	75.1	88.9	54.6	59.1	47.1
NEX2803Y5R	66.8	62.5	84.4	55.5	61.9	54.0
NEX2905A0R	54.9	69.2	83.7	56.6	56.5	51.6
NEX3301H1R	60.5	66.5	74.4	54.5	51.6	50.1
SD93-828R	46.7	63.1	68.3	20.5	52.3	46.4
SDX00R-039-42	56.5	72.2	82.5	44.2	58.7	41.3
SDX00R-015-9	48.7	76.0	77.6	47.4	53.3	46.2
SDX00R-035-56	53.8	87.0	79.2	55.8	56.7	50.4
SD01-5R	51.5	77.7	78.8	47.7	51.6	39.7
SD01-76R	49.6	64.0	68.3	50.7	56.1	38.3
SD01-1135R	50.8	78.9	77.9	51.3	54.2	38.8
SD01-3603R	58.6	77.7	73.3	43.9	55.3	44.9
C.V. (%)	4.4	7.3	6.9	6.6	5.9	10.2
L.S.D. (5%)	5.1	11.1	11.3	5.5	5.5	8.2
Row Sp. (In.)	30	30	30	7.5	30	30
Rows/Plot	4	4	4	6	4	4
Reps	2	2	2	3	3	3

**UNIFORM TEST II Roundup-Ready, 2005**

**YIELD RANK**

Strain	Yield Rank	PineTree* irrigated AR	Rohwer* irrigated AR	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	3	8	1	13	17	19	1	11
DKB20-52 (SCN)	15	11	18	5	15	6	6	18
DKB26-52 (SCN)	11	5	10	2	2	8	5	9
AG2801 (SCN)	1	14	6	1	1	4	12	2
LD01-11363	4	17	7	3	3	2	19	6
NEX2205A0R	16	6	15	19	18	14	17	20
NEX2403K1R	14	13	14	10	8	16	13	13
NEX2403K2R	10	16	21	15	11	20	8	16
NEX2505A0R	12	19	12	16	20	10	3	15
NEX2605B0R	7	20	3	7	14	5	2	14
NEX27033R	5	3	5	8	9	3	10	4
NEX2705A0R	16	23	17	14	13	11	21	17
NEX2803Y3R	9	22	11	18	7	13	20	8
NEX2803Y5R	5	7	2	12	5	21	7	7
NEX2905A0R	2	1	4	4	4	1	14	1
NEX3301H1R	13	15	9	6	5	9	15	3
SD93-828R	24	24	23	24	24	24	24	24
SDX00R-039-42	19	18	8	17	21	12	16	19
SDX00R-015-9	23	21	24	23	23	17	22	23
SDX00R-035-56	8	12	22	11	16	7	11	5
SD01-5R	20	4	19	21	12	22	9	12
SD01-76R	21	10	13	20	19	18	4	10
SD01-1135R	22	9	20	22	22	23	18	22
SD01-3603R	18	2	16	9	10	15	23	21

\*Data not included in mean.

**UNIFORM TEST II Roundup-Ready, 2005**

**YIELD RANK**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Aurora SD	Volga SD
AG2403 (II)	8	2	2	1	1	11
DKB20-52 (SCN)	19	4	22	4	2	15
DKB26-52 (SCN)	17	15	12	16	24	14
AG2801 (SCN)	14	12	19	9	13	6
LD01-11363	10	14	1	14	19	13
NEX2205A0R	7	9	11	15	11	5
NEX2403K1R	6	16	18	2	6	8
NEX2403K2R	9	3	5	11	4	4
NEX2505A0R	12	13	9	12	7	1
NEX2605B0R	13	9	7	21	9	2
NEX27033R	3	17	16	10	5	12
NEX2705A0R	5	20	4	13	18	19
NEX2803Y3R	2	11	3	7	8	16
NEX2803Y5R	1	24	6	6	3	3
NEX2905A0R	16	19	8	3	14	7
NEX3301H1R	4	21	20	8	22	10
SD93-828R	24	23	23	24	21	17
SDX00R-039-42	15	18	10	22	10	21
SDX00R-015-9	23	8	17	20	19	18
SDX00R-035-56	18	1	13	5	12	9
SD01-5R	20	6	14	19	22	22
SD01-76R	22	22	23	18	15	24
SD01-1135R	21	4	15	17	17	23
SD01-3603R	11	6	21	23	16	20

**UNIFORM TEST II Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Mean 10 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	9/12	8/15	8/9	9/6	9/4	9/13	9/9	9/10
DKB20-52 (SCN)	-3.5	-1	-1	-1	-3	-3	-2	-2
DKB26-52 (SCN)	1.9	-1	-1	5	2	1	6	4
AG2801 (SCN)	6.3	3	2	11	6	4	8	9
LD01-11363	6.6	0	4	11	8	7	6	9
NEX2205A0R	-3.9	-4	-3	-4	-3	-3	-1	-5
NEX2403K1R	-1.8	-4	-1	-2	-1	-2	-2	2
NEX2403K2R	-0.9	-2	-2	0	-3	-1	0	2
NEX2505A0R	0.1	-1	1	1	-1	-1	1	3
NEX2605B0R	0.4	-1	2	5	-1	2	2	3
NEX27033R	3.4	1	0	5	0	3	7	8
NEX2705A0R	1.5	1	0	3	0	2	3	4
NEX2803Y3R	3.4	0	1	4	0	3	4	6
NEX2803Y5R	4.6	-1	1	3	0	4	8	7
NEX2905A0R	7.7	5	3	11	1	8	9	9
NEX3301H1R	7.2	5	2	11	6	7	9	10
SD93-828R	-8.0	-14	-7	-13	-14	-6	-6	-7
SDX00R-039-42	-1.5	1	-0	0	-5	-3	1	2
SDX00R-015-9	-6.0	-9	-6	-8	-10	-3	-6	-6
SDX00R-035-56	-1.2	-5	-2	0	-3	-1	-1	4
SD01-5R	-3.8	-7	-3	-5	-5	-4	-3	-1
SD01-76R	-4.8	-4	-3	-7	-7	-4	-3	-2
SD01-1135R	-5.8	-7	-5	-9	-10	-4	-5	-4
SD01-3603R	5.6	1	-0	9	-1	5	6	6
Date Planted	5/13	4/19	4/27	5/10	5/7	5/16	5/5	5/5
Days to Mature	121	118	104	119	120	120	127	128

\*Data not included in mean.



**UNIFORM TEST II Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Aurora SD	Volga SD
AG2403 (II)	9/15		9/14	9/7	9/22	9/23
DKB20-52 (SCN)	-3		-11	-0	-3	-7
DKB26-52 (SCN)	4		-8	2	6	-3
AG2801 (SCN)	8		-2	8	9	2
LD01-11363	10		-3	7	7	3
NEX2205A0R	-3		-10	-0	-5	-5
NEX2403K1R	-2		-9	0	-1	-1
NEX2403K2R	-2		-9	0	1	2
NEX2505A0R	0		-9	-0	4	3
NEX2605B0R	-1		-8	3	-1	-1
NEX27033R	3		-5	6	6	1
NEX2705A0R	4		-7	2	6	-2
NEX2803Y3R	6		-3	6	5	3
NEX2803Y5R	7		-1	7	7	5
NEX2905A0R	12		3	10	9	5
NEX3301H1R	9		-3	11	9	3
SD93-828R	-7		-12	-0	-5	-11
SDX00R-039-42	0		-6	0	1	-5
SDX00R-015-9	-3		-10	-0	-4	-10
SDX00R-035-56	-1		-9	0	0	-2
SD01-5R	-2		-8	-0	-4	-6
SD01-76R	-3		-10	-0	-3	-9
SD01-1135R	-2		-10	-0	-5	-9
SD01-3603R	9		-1	9	11	3
Date Planted	5/23		5/19	5/6	5/21	5/27
Days to Mature	115		118	124	124	119

**UNIFORM TEST II Roundup-Ready, 2005**

**LODGING (score)**

Strain	Mean 10 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	1.3			1.0	1.0	1.0	1.0	1.0
DKB20-52 (SCN)	1.4			1.0	1.0	1.0	1.5	1.0
DKB26-52 (SCN)	2.2			3.0	1.2	1.3	2.5	3.0
AG2801 (SCN)	1.6			2.0	1.0	1.0	1.0	1.5
LD01-11363	2.1			2.0	1.0	1.0	1.5	2.5
NEX2205A0R	1.6			1.0	1.0	1.0	1.0	1.0
NEX2403K1R	1.4			1.0	1.0	1.0	1.5	1.0
NEX2403K2R	1.4			1.0	1.0	1.0	1.0	1.0
NEX2505A0R	1.8			2.0	1.0	1.0	1.0	1.0
NEX2605B0R	1.9			2.0	1.0	1.0	2.0	1.0
NEX27033R	1.7			2.0	1.0	1.0	1.0	1.0
NEX2705A0R	1.5			1.0	1.0	1.0	1.5	1.0
NEX2803Y3R	1.9			2.0	1.0	1.0	2.0	1.0
NEX2803Y5R	1.9			2.0	1.0	1.0	2.0	2.0
NEX2905A0R	1.7			2.0	1.0	1.0	1.0	1.0
NEX3301H1R	1.9			2.0	1.0	1.0	2.0	1.0
SD93-828R	1.4			1.0	1.0	1.0	1.5	1.0
SDX00R-039-42	2.3			2.0	1.0	1.0	2.0	3.0
SDX00R-015-9	1.6			2.0	1.0	1.0	2.0	1.0
SDX00R-035-56	1.8			2.0	1.0	1.0	2.0	1.0
SD01-5R	1.5			1.0	1.0	1.0	2.0	1.0
SD01-76R	1.5			1.0	1.0	1.0	1.5	1.5
SD01-1135R	1.9			2.0	1.0	1.0	1.5	2.0
SD01-3603R	2.8			3.0	1.0	1.2	2.0	3.0

\*Data not included in mean.

**UNIFORM TEST II Roundup-Ready, 2005**

**LODGING (score)**

---

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Aurora SD	Volga SD
AG2403 (II)		2.5	1.5	1.1	1.0	2.0
DKB20-52 (SCN)		3.5	1.5	1.2	1.0	1.0
DKB26-52 (SCN)		3.5	2.0	1.8	3.0	1.0
AG2801 (SCN)		3.0	2.0	1.2	2.0	1.0
LD01-11363		3.0	2.0	1.4	4.0	3.0
NEX2205A0R		3.5	2.0	1.2	1.0	3.0
NEX2403K1R		3.0	2.0	1.2	1.0	1.0
NEX2403K2R		4.0	1.5	1.1	1.0	1.0
NEX2505A0R		4.0	2.0	1.2	2.0	3.0
NEX2605B0R		3.5	2.0	1.2	2.0	3.0
NEX27033R		3.5	1.5	1.2	3.0	2.0
NEX2705A0R		3.5	2.0	1.0	2.0	1.0
NEX2803Y3R		3.5	2.5	1.3	3.0	2.0
NEX2803Y5R		3.0	2.0	1.2	2.0	3.0
NEX2905A0R		3.0	2.0	1.2	4.0	1.0
NEX3301H1R		2.5	2.0	1.3	5.0	1.0
SD93-828R		3.0	2.0	1.3	1.0	1.0
SDX00R-039-42		3.0	3.0	1.7	3.0	3.0
SDX00R-015-9		2.0	2.0	1.5	2.0	1.0
SDX00R-035-56		3.5	2.0	1.5	2.0	2.0
SD01-5R		3.0	1.0	1.1	2.0	2.0
SD01-76R		3.0	1.5	1.1	2.0	1.0
SD01-1135R		3.0	2.0	1.5	3.0	2.0
SD01-3603R		3.5	2.5	2.1	5.0	5.0

---

**UNIFORM TEST II Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean 9 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	29	19	17	29	23	25	33	32
DKB20-52 (SCN)	30	20	16	33	25	26	33	32
DKB26-52 (SCN)	38	23	19	42	33	33	41	38
AG2801 (SCN)	33	21	19	35	29	29	36	40
LD01-11363	39	22	17	37	33	34	40	42
NEX2205A0R	27	19	17	27	23	23	28	27
NEX2403K1R	27	20	16	29	23	23	29	27
NEX2403K2R	27	19	16	30	23	22	30	29
NEX2505A0R	33	19	18	33	24	28	35	35
NEX2605B0R	31	19	19	33	24	25	36	36
NEX27033R	30	20	17	31	24	26	31	31
NEX2705A0R	30	18	18	31	26	27	34	29
NEX2803Y3R	30	17	17	28	27	27	34	29
NEX2803Y5R	31	19	16	29	27	26	34	36
NEX2905A0R	31	22	15	30	30	31	32	32
NEX3301H1R	33	21	19	32	30	27	36	34
SD93-828R	27	16	17	29	23	25	30	29
SDX00R-039-42	36	18	16	36	27	30	40	39
SDX00R-015-9	33	17	17	35	27	30	33	35
SDX00R-035-56	33	19	16	34	26	30	33	34
SD01-5R	32	20	16	32	26	26	39	32
SD01-76R	32	19	17	32	26	27	35	33
SD01-1135R	30	17	17	32	24	25	33	33
SD01-3603R	39	26	20	42	29	33	40	40

\*Data not included in mean.

**UNIFORM TEST II Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

---

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Aurora SD	Volga SD
AG2403 (II)			28	28	31	34
DKB20-52 (SCN)			30	29	32	27
DKB26-52 (SCN)			39	37	45	32
AG2801 (SCN)			34	34	38	26
LD01-11363			36	39	41	45
NEX2205A0R			25	23	33	32
NEX2403K1R			27	23	35	26
NEX2403K2R			28	22	33	28
NEX2505A0R			33	31	39	36
NEX2605B0R			34	29	32	33
NEX27033R			30	28	36	35
NEX2705A0R			34	26	36	26
NEX2803Y3R			32	29	36	30
NEX2803Y5R			30	26	36	33
NEX2905A0R			29	29	40	29
NEX3301H1R			34	31	40	30
SD93-828R			27	26	29	29
SDX00R-039-42			38	37	41	33
SDX00R-015-9			33	32	41	33
SDX00R-035-56			34	32	39	34
SD01-5R			33	30	39	35
SD01-76R			32	30	40	31
SD01-1135R			31	27	38	30
SD01-3603R			41	39	45	45

---

**UNIFORM TEST II Roundup-Ready, 2005**

**SEED SIZE (g/100)**

Strain	Mean 10 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	15.2			14.2	13.3	15.7	13.0	
DKB20-52 (SCN)	13.7			13.9	14.5	14.5	9.4	
DKB26-52 (SCN)	13.5			13.9	13.1	14.2	12.2	
AG2801 (SCN)	14.0			15.7	13.2	14.6	12.2	
LD01-11363	12.9			13.6	12.4	13.6	9.7	
NEX2205A0R	12.2			12.1	11.6	13.1	9.6	
NEX2403K1R	13.6			12.6	13.0	14.4	10.4	
NEX2403K2R	14.0			12.8	14.1	14.5	9.8	
NEX2505A0R	14.3			14.0	12.5	14.8	12.9	
NEX2605B0R	13.8			14.1	12.7	13.9	12.1	
NEX27033R	14.8			15.9	13.4	14.2	12.0	
NEX2705A0R	12.5			13.2	11.7	11.8	9.3	
NEX2803Y3R	14.6			14.7	13.6	14.2	11.3	
NEX2803Y5R	14.3			14.3	13.7	13.6	11.1	
NEX2905A0R	12.7			14.4	10.6	11.1	9.5	
NEX3301H1R	15.6			17.8	15.1	15.0	11.7	
SD93-828R	14.4			13.9	13.3	14.8	10.6	
SDX00R-039-42	12.5			12.3	10.9	12.2	9.5	
SDX00R-015-9	13.9			12.5	13.0	13.8	9.5	
SDX00R-035-56	12.8			12.7	11.4	12.9	9.5	
SD01-5R	14.0			13.1	13.8	13.7	10.5	
SD01-76R	13.5			12.5	13.5	12.9	11.4	
SD01-1135R	15.0			13.9	14.7	14.3	10.0	
SD01-3603R	16.8			17.2	15.7	17.2	13.1	

\*Data not included in mean.

**UNIFORM TEST II Roundup-Ready, 2005**

**SEED SIZE (g/100)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Aurora SD	Volga SD
AG2403 (II)	14.5	18.6	16.0	12.4	15.5	18.4
DKB20-52 (SCN)	13.8	17.7	14.5	11.5	11.8	15.6
DKB26-52 (SCN)	15.4	16.2	13.4	10.7	12.8	13.7
AG2801 (SCN)	13.7	16.2	13.5	10.8	12.8	17.0
LD01-11363	14.0	16.3	13.5	9.6	12.6	13.6
NEX2205A0R	11.3	15.9	13.6	10.5	12.0	12.8
NEX2403K1R	13.0	17.6	15.5	11.1	12.4	15.9
NEX2403K2R	13.6	17.7	16.4	11.1	13.7	16.4
NEX2505A0R	13.2	17.8	15.6	11.9	14.5	16.4
NEX2605B0R	13.6	17.8	14.0	10.1	13.9	15.8
NEX27033R	14.3	18.7	15.7	11.9	15.0	16.8
NEX2705A0R	11.9	15.8	13.9	10.2	12.7	14.5
NEX2803Y3R	14.2	18.0	15.2	11.3	14.6	18.7
NEX2803Y5R	14.1	18.0	15.5	10.9	14.6	17.0
NEX2905A0R	14.7	15.4	12.8	9.7	13.0	15.7
NEX3301H1R	16.0	19.0	16.2	12.2	15.5	17.7
SD93-828R	15.4	17.3	16.3	12.0	15.0	15.0
SDX00R-039-42	12.6	16.4	13.8	9.9	12.9	14.2
SDX00R-015-9	13.9	18.4	16.5	11.5	14.0	15.6
SDX00R-035-56	13.0	16.4	13.9	10.6	13.0	15.1
SD01-5R	13.8	16.8	14.8	12.1	15.7	15.5
SD01-76R	13.4	16.8	14.4	11.5	13.7	15.0
SD01-1135R	15.8	19.3	16.4	12.7	16.6	16.2
SD01-3603R	17.6	19.8	17.2	13.5	16.8	19.9

**UNIFORM TEST II Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Mean 6 Tests	PineTree* irrigated AR	Rohwer* irrigated AR	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	2.0			2.0	2.0	1.5		
DKB20-52 (SCN)	1.9			3.0	1.5	1.5		
DKB26-52 (SCN)	1.8			3.0	1.0	1.5		
AG2801 (SCN)	1.6			2.0	1.0	1.0		
LD01-11363	1.6			2.0	1.0	1.0		
NEX2205A0R	1.6			2.0	1.0	1.0		
NEX2403K1R	1.6			1.0	1.5	1.5		
NEX2403K2R	1.9			3.0	1.5	1.5		
NEX2505A0R	1.7			2.0	1.0	1.5		
NEX2605B0R	1.7			2.0	1.0	1.5		
NEX27033R	1.6			2.0	1.5	1.5		
NEX2705A0R	1.5			1.0	1.5	1.0		
NEX2803Y3R	1.9			2.0	1.5	1.5		
NEX2803Y5R	2.1			3.0	1.5	1.5		
NEX2905A0R	1.7			2.0	1.0	1.5		
NEX3301H1R	1.8			2.0	1.5	1.5		
SD93-828R	1.9			1.0	2.0	2.0		
SDX00R-039-42	2.2			3.0	1.5	1.5		
SDX00R-015-9	2.1			2.0	2.0	2.0		
SDX00R-035-56	1.8			1.0	1.5	1.5		
SD01-5R	1.6			2.0	1.0	1.5		
SD01-76R	1.4			1.0	1.0	1.0		
SD01-1135R	1.8			2.0	2.0	1.5		
SD01-3603R	1.8			2.0	1.5	1.5		

\*Data not included in mean.



**UNIFORM TEST II Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Aurora SD	Volga SD
AG2403 (II)				1.3	2.0	3.0
DKB20-52 (SCN)				1.4	2.0	2.0
DKB26-52 (SCN)				1.5	2.0	2.0
AG2801 (SCN)				1.4	2.0	2.0
LD01-11363				1.4	2.0	2.0
NEX2205A0R				1.4	2.0	2.0
NEX2403K1R				1.5	2.0	2.0
NEX2403K2R				1.4	2.0	2.0
NEX2505A0R				1.4	2.0	2.0
NEX2605B0R				1.4	2.0	2.0
NEX27033R				1.6	1.0	2.0
NEX2705A0R				1.3	2.0	2.0
NEX2803Y3R				1.4	2.0	3.0
NEX2803Y5R				1.4	2.0	3.0
NEX2905A0R				1.4	2.0	2.0
NEX3301H1R				1.5	2.0	2.0
SD93-828R				1.6	2.0	3.0
SDX00R-039-42				2.1	2.0	3.0
SDX00R-015-9				2.3	2.0	2.0
SDX00R-035-56				1.6	2.0	3.0
SD01-5R				1.3	2.0	2.0
SD01-76R				1.3	2.0	2.0
SD01-1135R				1.4	2.0	2.0
SD01-3603R				1.5	2.0	2.0

**UNIFORM TEST II Roundup-Ready, 2005**

**PROTEIN (%)**

Strain	Mean 3 Tests	Urbana IL	Wanatah IN	Aurora SD
AG2403 (II)	37.7	38.1	39.8	35.1
DKB20-52 (SCN)	37.4	36.5	38.0	37.9
DKB26-52 (SCN)	37.9	38.2	39.6	35.9
AG2801 (SCN)	38.9	40.5	40.8	35.3
LD01-11363	36.9	38.7	39.1	33.0
NEX2205A0R	35.0	36.4	37.6	30.9
NEX2403K1R	37.0	37.3	39.9	33.8
NEX2403K2R	35.9	36.6	37.8	33.5
NEX2505A0R	36.3	36.9	36.9	35.1
NEX2605B0R	37.7	38.0	39.0	36.1
NEX27033R	38.5	39.8	39.4	36.2
NEX2705A0R	37.5	39.0	39.0	34.4
NEX2803Y3R	37.3	37.4	38.2	36.4
NEX2803Y5R	37.3	36.8	38.2	36.7
NEX2905A0R	37.0	38.9	39.3	32.7
NEX3301H1R	37.0	39.1	37.1	34.8
SD93-828R	34.8	37.8	34.0	32.6
SDX00R-039-42	32.9	33.5	33.5	31.7
SDX00R-015-9	34.3	36.0	35.2	31.7
SDX00R-035-56	36.0	35.8	37.1	35.2
SD01-5R	37.7	39.2	38.6	35.2
SD01-76R	36.6	35.8	37.6	36.4
SD01-1135R	37.9	38.6	39.1	36.0
SD01-3603R	37.3	36.9	39.8	35.2

**UNIFORM TEST II Roundup-Ready, 2005**

**OIL (%)**

Strain	Mean 3 Tests	Urbana IL	Wanatah IN	Aurora SD
AG2403 (II)	21.6	21.8	21.6	21.5
DKB20-52 (SCN)	22.4	24.3	22.5	20.2
DKB26-52 (SCN)	21.1	21.8	20.9	20.7
AG2801 (SCN)	20.0	20.0	19.4	20.6
LD01-11363	20.6	21.0	19.6	21.1
NEX2205A0R	21.5	21.8	21.5	21.4
NEX2403K1R	21.2	22.6	19.5	21.4
NEX2403K2R	22.1	22.3	22.2	21.7
NEX2505A0R	20.7	21.5	20.8	19.9
NEX2605B0R	20.2	20.4	20.2	20.1
NEX27033R	20.3	20.1	21.4	19.4
NEX2705A0R	20.7	21.5	19.4	21.2
NEX2803Y3R	21.3	22.1	20.9	21.0
NEX2803Y5R	21.2	22.3	20.7	20.7
NEX2905A0R	20.8	20.8	19.9	21.8
NEX3301H1R	21.3	20.1	23.0	20.7
SD93-828R	22.7	23.8	22.1	22.2
SDX00R-039-42	23.0	23.4	24.0	21.7
SDX00R-015-9	22.5	23.4	21.6	22.6
SDX00R-035-56	21.4	22.2	21.9	20.2
SD01-5R	20.6	19.7	20.9	21.3
SD01-76R	22.4	24.0	22.4	20.9
SD01-1135R	21.7	22.0	21.6	21.4
SD01-3603R	21.6	22.7	20.8	21.3

**Preliminary Test II Roundup-Ready, 2005**

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	AG2403 (II)	na		
2.	DKB20-52 (SCN)	na		
3.	DKB26-52 (SCN)	na		
4.	AG2801 (SCN)	na		
5.	SD02R-1767	SD99-009R X SD99-020R	F4	Rps1k
6.	SDX01R-00403127	Pion 9233 x SD1091RR	F4	Rps1a
7.	SDX01R-00403141	Pion 9233 x SD1091RR	F4	Rps1a
8.	SDX01R-007039	SD99-011R x Pion 9233	F4	Rps1k
9.	SDX01R-0070348	SD99-011R x Pion 9233	F4	Rps1a
10.	U03-130222		F5	RR
11.	U03-130306		F5	RR
12.	U03-230155		F5	RR
13.	U03-230160		F5	RR
14.	U03-330249		F5	RR
15.	U03-330525		F5	RR
16.	U03-330621		F5	RR
17.	U03-330659		F5	RR
18.	U03-802296		F5	RR,Rc,BSR,IDC
19.	U03-803106		F5	RR,Rc,IDC
20.	U03-804144		F5	RR,Rc,IDC
21.	U03-804145		F5	RR,Rc,IDC
22.	U03-832149		F5	RR,Rc,BSR,IDC
23.	U03-835135		F5	RR,Rc,IDC
24.	U03-835149		F5	RR,Rc,IDC

**PRELIMINARY TEST II Roundup-Ready, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	Shattering	PR		PS	FE
		Score Manhattan KS	Lafayette		Lafayette	
			Race 4	Race 7	a %	a
AG2403 (II)	PTTDYBII	1.0	R	R	4	S
DKB20-52 (SCN)	PGTDYIbI	1.0	R	R	5	S
DKB26-52 (SCN)	PGBDYIbI	1.0	S	S*	3	S
AG2801 (SCN)	PLtTIYBII	1.0	S	S	2	S
SD02R-1767	PGBDYIbI	1.0	R	R	1	S
SDX01R-00403127	P+WSBDYBrI	1.0	S	S	0	S
SDX01R-00403141	P+WGS DYBfI	2.0	S	S	1	S
SDX01R-007039	P+WTTDYBrI	1.0	H	H	3	S
SDX01R-0070348	P+WTTDYBrI	1.0	S	S	0	S
U03-130222	PGTDYIbI	1.0	S	R	0	
U03-130306	PTTDYBII	1.0	S	S	0	S
U03-230155	P+WSTDYBI+IbI	1.0	S	R	4	S
U03-230160	PSSDYBI+IbI	1.0	S	R	7	S
U03-330249	PGBDYIbI	2.0	S	R	1	S
U03-330525	PTTDYBII	2.0	R	R	2	
U03-330621	PGBDYIbI	1.0	S	S	2	S
U03-330659	PTTDYBII	1.0	S	S	2	S
U03-802296	PTTDYBrI	1.0	S	R	2	S
U03-803106	WTBrDYLbrI	1.0	S	R	2	S
U03-804144	WGBDYBfI	1.0	S	R	1	S
U03-804145	WSBDYBI+BfI	1.0	S	R	2	S
U03-832149	WTBDYBII	1.0	S	S	6	S
U03-835135	WTBDYBII	1.0	S	R	0	S
U03-835149	WTBDYBII	1.0	S	R	0	S

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**PRELIMINARY TEST II Roundup-Ready, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 8 Date	Lodging 8 Score	Plant Height 7 In.	Seed Size 9 g/100	Seed Quality 5 Score	Composition	
								Protein 4 %	Oil 4 %
AG2403 (II)	61.5	2	9/12	1.3	28	14.6	1.7	38.3	21.8
DKB20-52 (SCN)	59.8	7	-2.0	1.3	30	14.1	1.7	37.8	22.6
DKB26-52 (SCN)	61.5	2	1.0	2.2	37	13.6	2.0	37.8	21.3
AG2801 (SCN)	58.5	11	4.1	1.5	34	13.8	1.6	39.8	20.5
SD02R-1767	49.4	24	-2.6	1.5	30	15.0	1.8	38.1	22.1
SDX01R-00403127	53.1	23	-0.8	1.6	34	14.3	1.8	38.9	20.5
SDX01R-00403141	53.8	22	2.7	1.7	35	14.1	1.8	39.2	21.0
SDX01R-007039	54.2	21	2.6	1.6	36	14.0	2.1	40.1	20.6
SDX01R-0070348	54.9	20	5.1	1.7	36	13.4	1.7	38.0	21.6
U03-130222	60.2	5	4.3	1.8	34	12.1	1.4	37.7	21.3
U03-130306	57.8	15	3.9	1.4	32	12.8	1.6	36.3	21.6
U03-230155	60.8	4	2.8	1.7	32	14.1	1.6	38.7	21.4
U03-230160	59.9	6	4.1	1.8	33	14.0	1.8	37.5	22.2
U03-330249	58.0	13	4.6	1.7	32	13.8	1.9	37.9	21.7
U03-330525	56.7	17	6.1	1.9	36	13.3	1.8	38.5	20.6
U03-330621	56.4	18	5.9	1.4	30	12.5	1.4	39.2	20.7
U03-330659	59.3	8	4.4	1.7	36	14.2	1.3	39.6	21.3
U03-802296	62.2	1	5.0	2.0	40	15.8	1.7	40.0	20.2
U03-803106	58.7	10	4.9	1.7	35	15.1	1.6	40.7	20.7
U03-804144	56.1	19	4.8	2.1	38	14.9	1.9	38.2	20.6
U03-804145	58.0	13	6.8	1.6	34	16.3	2.0	38.9	20.2
U03-832149	58.9	9	6.5	2.2	38	14.1	1.4	39.8	20.4
U03-835135	58.5	11	5.0	1.8	35	16.4	1.7	39.3	20.5
U03-835149	57.5	16	4.3	2.1	38	16.4	1.8	38.9	20.1

120.0 Days After Planting

**PRELIMINARY TEST II Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Mean 8 Tests	Ingham*								
		Urbana IL	Lafayette IN	Wanatah IN	County MI	Hoytville OH	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD
AG2403 (II)	61.5	53.7	50.5	50.8	45.1	54.7	57.1	79.6	84.3	61.6
DKB20-52 (SCN)	59.8	58.9	51.8	51.7	42.5	48.2	50.3	78.1	76.2	62.8
DKB26-52 (SCN)	61.5	66.1	57.8	50.7	40.9	53.8	52.7	77.3	80.8	53.0
AG2801 (SCN)	58.5	64.5	42.8	52.8	40.3	48.0	53.9	78.7	68.4	59.2
SD02R-1767	49.4	33.1	41.8	40.0	37.3	32.9	43.3	68.4	75.4	60.2
SDX01R-00403127	53.1	45.3	46.3	45.9	39.4	38.2	48.3	70.6	73.6	56.6
SDX01R-00403141	53.8	48.2	41.3	47.1	33.6	44.0	50.1	72.8	72.6	54.3
SDX01R-007039	54.2	48.3	47.2	47.7	39.1	46.6	50.5	69.2	66.8	57.3
SDX01R-0070348	54.9	47.0	49.6	42.8	34.2	42.7	44.9	74.0	78.9	59.4
U03-130222	60.2	64.2	50.2	48.2	28.9	45.5	59.1	74.2	80.8	59.4
U03-130306	57.8	50.7	49.7	47.3	38.8	48.7	55.5	70.5	79.2	60.4
U03-230155	60.8	53.9	50.0	52.6	41.5	52.8	56.4	77.2	80.5	62.6
U03-230160	59.9	62.8	47.8	51.8	29.0	53.0	54.1	70.8	79.7	59.6
U03-330249	58.0	59.0	51.5	53.6	43.1	45.1	48.7	76.2	75.2	54.5
U03-330525	56.7	57.5	46.3	52.4	30.5	42.3	52.6	63.7	80.3	58.8
U03-330621	56.4	48.6	47.5	44.3	40.3	45.9	51.6	68.6	83.2	61.6
U03-330659	59.3	57.8	53.3	53.6	40.5	48.2	53.0	74.1	80.7	53.9
U03-802296	62.2	68.3	53.5	56.1	50.1	53.7	53.4	78.0	74.8	59.6
U03-803106	58.7	48.5	51.2	50.5	29.0	52.5	52.8	81.3	78.3	54.3
U03-804144	56.1	53.1	44.2	44.9	36.1	43.3	60.1	75.8	73.8	53.4
U03-804145	58.0	53.0	49.8	49.3	39.7	51.2	50.6	77.4	73.3	59.4
U03-832149	58.9	62.3	54.0	56.0	36.5	46.2	48.2	76.9	76.2	51.2
U03-835135	58.5	49.9	50.7	56.7	43.0	53.1	49.7	72.5	80.4	55.2
U03-835149	57.5	54.7	45.8	50.5	38.9	52.0	54.5	71.4	78.2	53.0
C.V. (%)		8.7	9.4	11.7	17.7	6.6	5.7	8.4	7.4	6.8
L.S.D. (5%)		8.2	9.5	12.1	11.6	6.5	6.2	12.8	11.7	8.0
Row Sp. (In.)		30	24	30	15	7.5	30	30	30	30
Rows/Plot		4	4	4	6	6	4	4	4	4
Reps		2	2	2	2	2	2	2	2	2

\*Data not included in mean.

**PRELIMINARY TEST II Roundup-Ready, 2005**

**YIELD RANK**

Strain	Yield Rank	Ingham								
		Urbana IL	Lafayette IN	Wanatah IN	County MI	Hoytville OH	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD
AG2403 (II)	2	13	9	11	2	1	3	2	1	3
DKB20-52 (SCN)	7	8	5	10	5	11	17	4	14	1
DKB26-52 (SCN)	2	2	1	12	7	2	12	7	3	22
AG2801 (SCN)	11	3	22	6	9	13	8	3	23	12
SD02R-1767	24	24	23	24	16	24	24	23	16	6
SDX01R-00403127	23	23	18	20	12	23	21	19	20	15
SDX01R-00403141	22	21	24	19	20	19	18	15	22	18
SDX01R-007039	21	20	17	17	13	14	16	21	24	14
SDX01R-0070348	20	22	14	23	19	21	23	14	11	9
U03-130222	5	4	10	16	24	17	2	12	3	9
U03-130306	15	16	13	18	15	10	5	20	10	5
U03-230155	4	12	11	7	6	6	4	8	6	2
U03-230160	6	5	15	9	22	5	7	18	9	7
U03-330249	13	7	6	4	3	18	20	10	17	17
U03-330525	17	10	18	8	21	22	13	24	8	13
U03-330621	18	18	16	22	10	16	14	22	2	3
U03-330659	8	9	4	4	8	12	10	13	5	20
U03-802296	1	1	3	2	1	3	9	5	18	7
U03-803106	10	19	7	13	23	7	11	1	12	18
U03-804144	19	14	21	21	18	20	1	11	19	21
U03-804145	13	15	12	15	11	9	15	6	21	9
U03-832149	9	6	2	3	17	15	22	9	14	24
U03-835135	11	17	8	1	4	4	19	16	7	16
U03-835149	16	11	20	13	14	8	6	17	13	23



**PRELIMINARY TEST II Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Mean	Urbana IL	Lafayette IN	Wanatah IN	Ingham			Cotesfield NE	Goehner NE	Aurora SD
	8 Tests				County MI	Hoytville OH	Beemer NE			
AG2403 (II)	9/12	9/6	9/4	9/14	9/11	9/7	9/17	9/15	9/22	
DKB20-52 (SCN)	-2.0	-2	-3	-5	-3	0	0	-2	-1	
DKB26-52 (SCN)	1.0	5	3	2	-1	2	-5	1	1	
AG2801 (SCN)	4.1	9	6	5	2	5	-9	6	9	
SD02R-1767	-2.6	-9	-2	-6	-5	0	7	-2	-4	
SDX01R-00403127	-0.8	-1	-2	-4	-4	1	4	0	0	
SDX01R-00403141	2.7	3	3	4	0	4	1	6	1	
SDX01R-007039	2.6	4	3	3	0	5	-1	6	1	
SDX01R-0070348	5.1	4	6	4	0	5	6	7	9	
U03-130222	4.3	9	7	7	0	9	-15	7	11	
U03-130306	3.9	10	4	4	4	6	-12	7	9	
U03-230155	2.8	8	3	3	4	4	-13	7	7	
U03-230160	4.1	10	4	6	1	7	-10	6	9	
U03-330249	4.6	7	2	5	5	3	3	5	7	
U03-330525	6.1	11	5	7	4	11	-4	7	9	
U03-330621	5.9	10	5	6	3	11	-3	7	9	
U03-330659	4.4	10	6	5	1	7	-7	5	9	
U03-802296	5.0	9	3	6	5	8	-8	7	11	
U03-803106	4.9	8	4	7	2	9	-6	7	9	
U03-804144	4.8	10	2	6	7	11	-16	6	13	
U03-804145	6.8	10	2	8	5	10	-2	8	13	
U03-832149	6.5	9	2	6	6	9	5	6	9	
U03-835135	5.0	6	3	5	2	7	2	7	9	
U03-835149	4.3	7	3	7	5	9	-11	6	9	
Date Planted	5/15	5/10	5/7	5/16	5/18	5/6	5/23	5/19	5/21	
Days to Mature	120	119	120	121	116	124	117	119	124	

**PRELIMINARY TEST II Roundup-Ready, 2005**

**LODGING (score)**

Strain	Mean 8 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham			Cotesfield NE	Goehner NE	Aurora SD
					County MI	Hoytville OH	Beemer NE			
AG2403 (II)	1.3	1.0	1.0	1.0	1.0	1.2		2.0	2.0	1.0
DKB20-52 (SCN)	1.3	1.0	1.0	1.0	1.5	1.3		1.5	1.5	2.0
DKB26-52 (SCN)	2.2	2.0	1.3	1.5	2.5	2.1		4.0	2.5	2.0
AG2801 (SCN)	1.5	2.0	1.0	1.0	1.0	1.2		3.0	2.0	1.0
SD02R-1767	1.5	1.0	1.0	1.0	1.5	1.3		2.5	2.0	2.0
SDX01R-00403127	1.6	1.0	1.0	1.0	1.5	1.3		3.0	2.0	2.0
SDX01R-00403141	1.7	2.0	1.0	1.0	1.0	1.5		3.0	2.0	2.0
SDX01R-007039	1.6	1.0	1.0	1.0	1.5	1.3		3.0	2.0	2.0
SDX01R-0070348	1.7	2.0	1.0	1.0	1.0	1.3		3.0	2.0	2.0
U03-130222	1.8	2.0	1.0	1.0	1.0	1.3		3.5	2.5	2.0
U03-130306	1.4	1.0	1.0	1.0	1.0	1.2		3.0	2.0	1.0
U03-230155	1.7	2.0	1.0	1.0	1.5	1.2		3.0	2.5	1.0
U03-230160	1.8	2.0	1.0	1.0	1.0	1.3		4.0	2.0	2.0
U03-330249	1.7	2.0	1.0	1.0	2.0	1.3		2.5	2.0	2.0
U03-330525	1.9	1.0	1.0	1.0	1.0	1.3		2.5	2.5	5.0
U03-330621	1.4	1.0	1.0	1.0	1.0	1.2		2.0	2.0	2.0
U03-330659	1.7	2.0	1.0	1.0	1.0	1.3		3.0	2.0	2.0
U03-802296	2.0	2.0	1.0	1.0	2.0	1.4		3.0	2.0	4.0
U03-803106	1.7	2.0	1.0	1.0	1.0	1.4		3.0	2.0	2.0
U03-804144	2.1	2.0	1.3	1.0	1.5	1.5		4.0	2.5	3.0
U03-804145	1.6	1.0	1.0	1.0	2.0	1.3		3.0	1.5	2.0
U03-832149	2.2	2.0	1.0	1.0	2.0	1.3		3.5	3.0	4.0
U03-835135	1.8	2.0	1.0	1.0	1.5	1.3		3.5	2.0	2.0
U03-835149	2.1	2.0	1.0	1.0	2.5	1.4		2.5	2.0	4.0

**PRELIMINARY TEST II Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean	Urbana IL	Lafayette IN	Wanatah IN	Ingham			Cotesfield NE	Goehner NE	Aurora SD
	7 Tests				County MI	Hoytville OH	Beemer NE			
AG2403 (II)	28	29	26	25	30	29		29	31	
DKB20-52 (SCN)	30	31	27	27	35	30		29	30	
DKB26-52 (SCN)	37	37	35	34	40	36		38	40	
AG2801 (SCN)	34	33	32	31	34	35		35	36	
SD02R-1767	30	31	26	27	32	27		33	36	
SDX01R-00403127	34	34	31	32	37	30		36	40	
SDX01R-00403141	35	35	31	34	34	35		37	41	
SDX01R-007039	36	36	33	34	39	33		38	36	
SDX01R-0070348	36	38	34	33	38	33		38	37	
U03-130222	34	39	32	32	31	32		37	34	
U03-130306	32	32	31	28	34	30		32	36	
U03-230155	32	30	33	28	33	30		39	29	
U03-230160	33	37	32	28	32	32		35	38	
U03-330249	32	30	31	29	39	25		32	37	
U03-330525	36	40	36	33	36	35		38	36	
U03-330621	30	30	30	28	34	28		31	32	
U03-330659	36	35	36	33	38	35		35	40	
U03-802296	40	40	37	36	44	39		39	43	
U03-803106	35	35	32	33	34	35		38	40	
U03-804144	38	35	39	36	38	38		39	42	
U03-804145	34	33	33	31	41	31		31	37	
U03-832149	38	38	38	37	41	36		38	40	
U03-835135	35	33	34	31	41	34		36	36	
U03-835149	38	36	36	36	42	39		37	41	

**PRELIMINARY TEST II Roundup-Ready, 2005**

**SEED SIZE (g/100)**

Strain	Mean	Urbana IL	Lafayette IN	Wanatah IN	Ingham					
	9 Tests				County MI	Hoytville OH	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD
AG2403 (II)	14.6	14.3	15.0	14.7	11.6	12.0	14.1	18.5	15.9	15.4
DKB20-52 (SCN)	14.1	13.5	14.1	14.7	11.5	11.0	15.0	17.3	15.6	14.0
DKB26-52 (SCN)	13.6	14.1	13.4	14.4	11.0	10.9	14.5	16.6	13.5	13.9
AG2801 (SCN)	13.8	15.8	13.2	13.9	11.3	10.5	13.4	17.6	14.2	14.2
SD02R-1767	15.0	14.2	15.2	14.9	11.0	12.7	15.9	19.8	16.9	14.8
SDX01R-00403127	14.3	13.4	15.2	15.7	10.7	12.3	14.8	17.0	15.3	14.3
SDX01R-00403141	14.1	14.4	14.2	14.2	10.6	11.7	15.0	17.7	14.5	14.8
SDX01R-007039	14.0	15.2	14.4	13.5	10.5	11.5	14.8	17.3	14.5	14.5
SDX01R-0070348	13.4	13.5	13.8	14.6	9.3	11.3	14.1	16.4	14.6	13.3
U03-130222	12.1	13.8	11.7	11.7	9.8	8.8	13.0	14.6	13.0	13.0
U03-130306	12.8	14.0	11.8	12.0	10.4	9.7	13.3	16.3	14.4	13.2
U03-230155	14.1	14.2	15.1	15.1	11.1	11.3	13.0	17.2	14.1	16.1
U03-230160	14.0	15.2	14.4	14.3	11.3	11.1	14.4	16.5	14.1	14.9
U03-330249	13.8	15.3	13.5	14.8	11.5	10.2	13.4	17.1	14.9	14.1
U03-330525	13.3	14.9	12.7	13.0	10.8	10.1	14.1	15.9	14.2	14.1
U03-330621	12.5	13.5	12.2	12.6	9.5	9.4	13.2	15.2	14.1	13.0
U03-330659	14.2	16.7	13.5	14.3	11.6	11.0	14.5	17.4	14.9	13.9
U03-802296	15.8	17.1	16.1	16.1	13.6	12.7	15.9	18.8	15.5	16.4
U03-803106	15.1	16.5	15.1	16.0	11.3	10.7	16.0	18.7	16.0	15.8
U03-804144	14.9	16.5	13.9	15.5	10.7	11.1	15.5	19.0	16.2	16.1
U03-804145	16.3	17.3	14.7	16.7	12.2	12.6	18.5	20.0	17.3	17.2
U03-832149	14.1	15.2	13.2	14.4	13.0	10.4	14.7	16.5	14.6	14.6
U03-835135	16.4	16.5	16.1	17.8	13.3	13.2	16.0	19.7	17.7	17.8
U03-835149	16.4	17.8	15.7	17.5	10.8	12.6	19.4	19.8	18.4	16.0

**PRELIMINARY TEST II Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Mean 5 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham					Aurora SD
					County MI	Hoytville OH	Beemer NE	Cotesfield NE	Goehner NE	
AG2403 (II)	1.7	2.0	1.5	1.5		1.4				2.0
DKB20-52 (SCN)	1.7	2.0	1.5	1.5		1.3				2.0
DKB26-52 (SCN)	2.0	3.0	2.0	1.5		1.7				2.0
AG2801 (SCN)	1.6	2.0	1.5	1.0		1.4				2.0
SD02R-1767	1.8	2.0	1.5	1.5		1.8				2.0
SDX01R-00403127	1.8	2.0	2.0	1.5		1.7				2.0
SDX01R-00403141	1.8	3.0	1.5	1.0		1.5				2.0
SDX01R-007039	2.1	3.0	2.0	1.5		1.9				2.0
SDX01R-0070348	1.7	2.0	1.5	1.5		1.4				2.0
U03-130222	1.4	1.0	1.5	1.0		1.4				2.0
U03-130306	1.6	2.0	1.5	1.0		1.6				2.0
U03-230155	1.6	1.0	2.0	1.5		1.5				2.0
U03-230160	1.8	2.0	2.0	1.5		1.7				2.0
U03-330249	1.9	2.0	2.0	1.5		2.2				2.0
U03-330525	1.8	2.0	1.5	1.5		2.1				2.0
U03-330621	1.4	1.0	1.0	1.0		1.9				2.0
U03-330659	1.3	1.0	1.0	1.0		1.5				2.0
U03-802296	1.7	1.0	1.5	1.5		1.6				3.0
U03-803106	1.6	2.0	1.5	1.0		1.4				2.0
U03-804144	1.9	3.0	1.5	1.5		1.5				2.0
U03-804145	2.0	3.0	2.0	1.5		1.5				2.0
U03-832149	1.4	1.0	1.0	1.5		1.5				2.0
U03-835135	1.7	2.0	2.0	2.0		1.4				1.0
U03-835149	1.8	2.0	2.0	1.5		1.4				2.0

**PRELIMINARY TEST II Roundup-Ready, 2005**

**PROTEIN (%)**

Strain	Mean 4 Tests	Urbana IL	Lafayette IN	Wanatah IN	Aurora SD
AG2403 (II)	38.3	37.1	40.8	39.8	35.3
DKB20-52 (SCN)	37.8	38.6	40.4	37.5	34.5
DKB26-52 (SCN)	37.8	38.3	40.3	38.6	34.1
AG2801 (SCN)	39.8	40.3	42.1	42.4	34.3
SD02R-1767	38.1	39.2	41.7	37.4	34.0
SDX01R-00403127	38.9	38.8	43.0	40.0	33.7
SDX01R-00403141	39.2	39.5	42.9	39.8	34.7
SDX01R-007039	40.1	40.0	43.6	41.0	35.9
SDX01R-0070348	38.0	38.2	40.6	39.6	33.6
U03-130222	37.7	39.1	41.1	37.8	33.0
U03-130306	36.3	37.7	39.6	34.6	33.2
U03-230155	38.7	38.2	41.4	39.7	35.6
U03-230160	37.5	37.6	40.3	36.5	35.5
U03-330249	37.9	38.4	40.5	38.1	34.6
U03-330525	38.5	39.2	41.6	38.2	35.1
U03-330621	39.2	39.7	41.2	39.3	36.5
U03-330659	39.6	40.2	42.0	40.5	35.7
U03-802296	40.0	39.8	40.9	40.4	38.7
U03-803106	40.7	39.6	43.1	41.3	39.0
U03-804144	38.2	37.7	41.6	39.7	34.0
U03-804145	38.9	39.6	41.0	39.2	35.6
U03-832149	39.8	40.8	42.4	40.3	35.8
U03-835135	39.3	38.9	41.8	40.8	35.9
U03-835149	38.9	39.9	41.0	40.5	34.1

**PRELIMINARY TEST II Roundup-Ready, 2005**

**OIL (%)**

Strain	Mean 4 Tests	Urbana IL	Lafayette IN	Wanatah IN	Aurora SD
AG2403 (II)	21.8	23.3	22.0	20.5	21.4
DKB20-52 (SCN)	22.6	21.7	23.1	23.3	22.5
DKB26-52 (SCN)	21.3	21.6	21.3	20.7	21.6
AG2801 (SCN)	20.5	21.2	19.7	19.9	21.0
SD02R-1767	22.1	22.2	21.9	22.0	22.4
SDX01R-00403127	20.5	19.7	20.3	20.2	22.0
SDX01R-00403141	21.0	21.1	20.4	20.7	21.8
SDX01R-007039	20.6	21.1	20.0	19.9	21.4
SDX01R-0070348	21.6	21.9	21.4	20.8	22.3
U03-130222	21.3	21.5	19.9	21.2	22.4
U03-130306	21.6	21.3	20.2	22.6	22.3
U03-230155	21.4	22.4	21.0	20.6	21.6
U03-230160	22.2	22.5	21.8	22.7	21.6
U03-330249	21.7	22.6	20.3	22.0	22.0
U03-330525	20.6	20.4	19.7	21.2	21.0
U03-330621	20.7	21.0	20.1	20.7	21.2
U03-330659	21.3	21.4	20.5	21.2	22.0
U03-802296	20.2	20.7	20.6	19.6	20.1
U03-803106	20.7	21.3	20.1	21.1	20.1
U03-804144	20.6	21.5	19.2	20.1	21.6
U03-804145	20.2	20.0	20.1	19.9	20.6
U03-832149	20.4	20.1	20.1	20.2	21.1
U03-835135	20.5	21.4	20.2	19.5	21.0
U03-835149	20.1	20.4	19.2	19.6	21.2

**Uniform Test III Roundup-Ready, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG3401 (III)	na	1		RR, SCN
2.	DKB31-51	na	new		RR
3.	AG3201	na	1		RR, SCN
4.	DKB3852	na	1		RR, SCN
5.	CL02J012-23		new	F3:5	RR, rps1-k
6.	CL02J012-136		new	F3:5	RR, rps1-k
7.	HFPR-7RR	[Kottman(3) x (PI 399.073 x S19-90)] x {[Kottman x HF9667-2) x [(PI 399.073 x S19-90) x Kottman]}	new	F3	RR, Rps8
8.	K1623RR	Pioneer 9352 x K97-132	1	F5	RR
9.	K03-2788 RR	SS94-7482 x K99-126	new	F5	RR
10.	K03-2791 RR	SS94-7482 x K99-126	new	F5	RR
11.	K03-2801 RR	SS94-7482 x K99-126	new	F5	RR
12.	K03-2814 RR	SS94-7482 x K99-126	new	F5	RR
13.	K03-2820 RR	SS94-7482 x K99-126	new	F5	RR
14.	NEX3105A0R		new		
15.	NEX3203HR		1		Rps1-k, Det.
16.	NEX3205A0R		new		
17.	NEX3305A0R		new		
18.	NEX3305B0R		new		
19.	NEX3405A0R		new		
20.	NEX3505A0R		new		
21.	NEX3505B0R		new		
22.	NEX3605A0R		new		
23.	NEX3705A0R		new		
24.	NEX8903		1		Rps1-k
25.	U03-330506		new	F5	RR
26.	U03-330726		new	F5	RR
27.	U03-330838		new	F5	RR
28.	U03-330844		new	F5	RR
29.	U03-430217		new	F5	RR
30.	U03-430246		new	F5	RR
31.	U03-430316		new	F5	RR
32.	U03-430324		new	F5	RR
33.	U03-804135		new	F5	Rc, IDC



UNIFORM TEST III Roundup-Ready, 2005

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Green Stem	Shattering	PR		SDS	P & SB	PS	FE
		Score Pine Tree Ark	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Valmeyer IL DX	n %	Lafayette a %	a
AG3401 (III)	PGBDYIbI	1.0	1.0	R	R	24	4	0	S
DKB31-51	PGTDYIbI	1.0	1.0	R	R	7	20	2	S
AG3201	PGBDYIbI	1.0	1.0	R	R	8	12	0	S
DKB38-52	WGTDYLtbfI	1.0	1.0	R	R	8	6	0	S
CL02J012-23	P+WTBDYBII	2.0	1.0	R	R	30	4	0	S
CL02J012-136	WTDDYBII	2.0	1.0	R	R	46	2	0	S
HFPR-7RR	P+WSTDYBI+GrI	2.0	1.0	R	R	5	0	0	S
K1623RR	PTBDYBrI	1.0	1.0	S	S	35	4	0	S
K03-2788 RR	WTDDYBrI	3.0	1.0	S	S	9	8	6	S
K03-2791 RR	WTDDYBrI	1.0	1.0	R	R	33	2	0	S
K03-2801 RR	WTDDYBrI	2.0	1.0	R	R	20	4	3	S
K03-2814 RR	WTDDYBrI	2.0	1.0	S	H	18	38	0	S
K03-2820 RR	WTDDYBrI	1.0	1.0	H	S	6	42	0	S
NEX3105A0R	WTBSYBII	1.0	1.0	S	R	14	18	2	S
NEX3203HR	PGBDYIbI	1.0	1.0	R	R	23	20	0	S
NEX3205A0R	WTBDYBII	1.0	1.0	S	R	26	4	0	S
NEX3305A0R	P+WTBDYBII	1.0	1.0	R	R	37	6	0	S
NEX3305B0R	PGBDYIbI	1.0	2.0	S*	R	17	6	0	S
NEX3405A0R	PGBDYIbI	1.0	1.0	S	R	33	12	0	S
NEX3505A0R	PGBSYIbI	1.0	1.0	S	R	28	10	2	S
NEX3505B0R	WTBSYBII	2.0	1.0	R	R	20	10	1	S
NEX3605A0R	WSBSYBI+BfI	1.0	1.0	H	R	23	16	3	S
NEX3705A0R	PTBSYBII	1.0	1.0	S	S	43	4	0	
NEX8903	PGBDYIbI	1.0	2.0	H	R	30	18	0	S
U03-330506	PTBDYBII	1.0	1.0	S	R	15	10	3	S
U03-330726	P+WTLtBDYBII	1.0	2.0	R	R	12	18	7	S
U03-330838	PTDDYBII	1.0	1.0	R	R	16	18	3	S
U03-330844	PTDDYBII	1.0	1.0	R	R	18	10	6	S
U03-430217	PTBDYBII	1.0	1.0	H	S	17	18	4	S
U03-430246	PTDDYBID	1.0	2.0	R	R	15	18	5	S
U03-430316	PGBDYIbI	1.0	1.0	R	R	16	18	1	S
U03-430324	PGBDYIbS	1.0	1.0	S	R	22	10	4	S
U03-804135	P+WTBDYBIS	1.0	1.0	S	S	35	0	0	S

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

\* = entry/*P. sojae* reaction questionable.

**UNIFORM TEST III Roundup-Ready, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	14 bu/a	14 No.	13 Date	13 Score	13 Height In.	14 Size g/100	11 Quality Score	6 Protein %	6 Oil %
AG3401 (III)	53.9	10	9/24	1.6	36	13.8	2.0	40.3	20.7
DKB31-51	52.0	19	-3.0	1.2	31	14.8	1.9	40.2	21.7
AG3201	53.3	13	-2.7	1.3	35	14.3	1.9	38.4	21.5
DKB3852	55.2	3	2.4	1.1	33	13.2	1.8	39.2	21.1
CL02J012-23	53.1	15	0.6	1.3	31	14.7	1.9	41.9	20.1
CL02J012-136	52.9	16	2.2	1.3	35	13.1	1.8	39.7	20.8
HFPR-7RR	47.1	31	-1.5	1.2	36	15.7	1.8	42.3	20.0
K1623RR	54.9	6	1.5	1.3	33	14.9	2.0	39.9	20.8
K03-2788 RR	49.4	26	1.1	1.6	41	14.3	2.0	38.3	21.4
K03-2791 RR	51.7	21	-1.1	1.5	37	14.1	2.1	39.5	21.6
K03-2801 RR	51.8	20	0.3	1.8	39	13.5	2.0	39.2	21.1
K03-2814 RR	49.0	27	-0.7	1.9	42	14.4	1.9	39.1	21.5
K03-2820 RR	48.0	28	-5.0	2.1	36	14.9	2.0	40.2	20.0
NEX3105A0R	50.4	24	-5.5	1.3	33	12.6	1.9	39.8	21.0
NEX3203HR	53.9	10	-1.0	1.2	29	14.8	2.2	39.2	20.0
NEX3205A0R	55.6	2	-2.2	1.7	34	14.1	1.8	41.2	20.5
NEX3305A0R	54.9	6	-2.9	1.2	34	13.2	1.8	39.5	20.8
NEX3305B0R	56.0	1	-3.1	1.2	31	14.4	1.7	38.1	20.4
NEX3405A0R	53.5	12	-2.3	1.4	35	15.1	1.8	40.5	20.0
NEX3505A0R	51.3	22	-3.2	1.3	31	13.3	1.8	38.0	21.5
NEX3505B0R	52.9	16	1.7	1.4	38	13.3	1.8	40.4	20.9
NEX3605A0R	55.1	4	0.5	1.2	34	13.9	1.8	40.8	20.1
NEX3705A0R	53.3	13	1.0	1.2	34	13.9	1.9	39.9	20.0
NEX8903	55.1	4	-0.2	1.3	33	14.2	2.0	39.4	20.1
U03-330506	52.2	18	-0.2	1.5	35	13.7	1.9	38.9	20.6
U03-330726	46.8	32	-5.1	1.2	31	13.8	2.2	39.5	21.3
U03-330838	46.6	33	-6.8	1.3	32	13.4	2.2	38.1	21.7
U03-330844	48.0	28	-6.5	1.3	32	13.9	2.5	38.7	21.5
U03-430217	47.3	30	-4.8	1.2	28	15.6	2.1	37.5	22.5
U03-430246	50.6	23	-4.1	1.1	27	14.2	1.8	39.4	21.1
U03-430316	54.1	9	-2.6	1.3	32	15.1	1.8	37.9	20.8
U03-430324	54.9	6	-1.0	1.4	34	15.2	1.9	38.1	20.6
U03-804135	50.2	25	-1.3	1.4	33	16.2	2.1	40.2	20.8

132.7 Days After Planting

**UNIFORM TEST III Roundup-Ready, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	bu/a	No.	Date	Score	In.	g/100	Score	Protein %	Oil %
	27	27	25	27	26	26	23	11	11
AG3401	58.0	5	9/23	1.6	36	14.6	2.5	40.5	19.8
AG3201	57.0	6	-4.0	1.4	34	14.6	2.4	39.3	20.0
DKB38-52	58.6	2	1.5	1.2	33	14.1	2.3	39.6	20.0
K1623RR	58.9	1	-0.4	1.4	32	15.6	2.5	40.1	20.2
NEX3203HR	58.2	4	-2.2	1.2	29	15.1	2.6	39.4	19.5
NEX8903	58.6	2	-1.9	1.3	33	14.7	2.5	39.7	19.3

129.6 Days After Planting

**UNIFORM TEST III Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Mean	PineTree*	Rohwer*	Urbana	Lafayette	Butlerville	Wanatah	Ashland	Manhattan	Ottawa
	14 Tests	irrigated AR	irrigated AR	IL	IN	IN	IN	KS	KS	KS
AG3401 (III)	53.9	30.7	58.6	72.5	51.8	47.2	52.5	61.3	34.6	48.0
DKB31-51	52.0	37.8	55.5	73.4	54.2	49.9	55.7	53.7	33.1	47.1
AG3201	53.3	47.7	64.9	73.7	47.5	44.7	55.2	57.6	38.1	45.3
DKB3852	55.2	44.9	69.3	75.8	52.5	58.6	49.7	54.6	39.2	48.6
CL02J012-23	53.1	44.9	76.9	65.6	47.0	49.0	52.0	55.1	32.8	53.3
CL02J012-136	52.9	32.9	68.0	62.6	43.7	47.9	46.9	56.3	40.7	54.0
HFPR-7RR	47.1	45.9	55.4	61.6	39.8	48.5	41.9	49.2	32.0	46.0
K1623RR	54.9	48.1	53.0	67.1	50.2	50.8	51.1	58.8	44.1	43.6
K03-2788 RR	49.4	41.5	61.4	60.2	50.8	44.6	48.6	54.6	37.4	47.3
K03-2791 RR	51.7	32.1	58.8	63.7	50.5	50.7	49.4	60.2	35.6	49.9
K03-2801 RR	51.8	53.5	53.2	64.8	48.2	44.4	52.7	57.8	35.1	48.3
K03-2814 RR	49.0	40.2	59.7	61.9	51.2	45.5	48.4	56.0	34.5	46.4
K03-2820 RR	48.0	56.6	38.5	59.4	43.5	51.9	53.5	53.5	40.8	42.6
NEX3105A0R	50.4	44.2	41.4	62.1	46.0	44.0	53.3	59.9	41.1	41.7
NEX3203HR	53.9	41.8	54.0	62.1	48.2	56.3	51.3	62.1	45.3	49.9
NEX3205A0R	55.6	45.9	61.2	69.4	55.0	50.0	62.9	58.4	43.3	43.4
NEX3305A0R	54.9	45.7	37.1	65.2	51.3	53.1	53.0	59.2	39.9	44.3
NEX3305B0R	56.0	50.3	59.0	71.2	52.3	53.7	51.7	62.7	39.0	48.2
NEX3405A0R	53.5	39.1	58.6	65.3	48.0	48.7	53.6	60.5	37.5	53.8
NEX3505A0R	51.3	42.4	48.5	59.5	51.3	42.3	47.6	58.7	35.9	51.9
NEX3505B0R	52.9	37.4	73.3	60.3	45.0	53.4	52.5	60.2	37.3	48.1
NEX3605A0R	55.1	52.3	64.1	65.5	47.5	64.1	50.4	61.8	40.6	47.8
NEX3705A0R	53.3	33.8	59.2	65.4	47.0	62.3	49.0	57.0	45.1	47.5
NEX8903	55.1	45.3	60.2	61.8	50.8	50.1	53.1	63.4	45.8	45.7
U03-330506	52.2	50.3	54.8	59.4	41.9	49.5	46.7	60.7	39.3	51.2
U03-330726	46.8	36.2	44.8	59.3	44.9	46.7	56.3	55.7	36.6	44.4
U03-330838	46.6	24.0	55.3	58.8	38.4	44.9	45.5	55.9	38.3	46.6
U03-330844	48.0	25.2	55.9	60.7	44.1	46.4	47.0	57.7	33.9	45.8
U03-430217	47.3	38.2	50.2	54.8	46.8	46.5	44.3	53.9	35.4	46.4
U03-430246	50.6	37.3	50.6	62.1	46.5	45.8	46.0	52.6	41.3	45.1
U03-430316	54.1	35.5	32.5	67.5	47.8	57.7	50.5	55.5	43.2	49.3
U03-430324	54.9	41.1	61.1	67.5	51.7	59.7	50.5	62.0	33.5	54.0
U03-804135	50.2	44.9	48.4	59.9	44.7	57.5	51.6	54.2	39.6	46.8
C.V. (%)		15.6	12.1	5.3	8.5	13.0	12.2	6.1	8.0	4.4
L.S.D. (5%)		13.3	12.7	4.6	6.6	10.7	10.0	5.7	5.0	3.4
Row Sp. (in.)		6.5	6.5	30	24	26	30	30	30	30
Rows/Plot		9	9	4	4	4	4	4	4	4
Reps		3	3	3	3	3	3	3	3	3

\*Data not included in mean.

**UNIFORM TEST III Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Goehner NE	DeWitt* NE	Tekamah NE	Hoytville OH	South Charleston OH
AG3401 (III)	25.2	56.5	63.2	68.1	71.3	57.6	54.3	61.3
DKB31-51	27.1	49.3	52.3	65.3	61.1	59.6	51.9	55.5
AG3201	30.4	60.3	57.5	75.7	69.4	60.7	50.9	48.0
DKB3852	33.3	67.9	61.7	65.0	71.1	55.1	55.9	55.2
CL02J012-23	28.7	63.6	63.4	71.2	79.8	54.6	51.7	55.3
CL02J012-136	31.5	69.9	68.3	71.2	64.0	52.2	45.3	50.4
HFPR-7RR	27.2	50.4	48.9	75.6	69.8	44.5	46.0	48.3
K1623RR	38.0	56.6	60.3	78.1	69.5	60.7	54.7	55.1
K03-2788 RR	33.4	59.4	60.3	55.4	61.4	44.5	44.6	50.2
K03-2791 RR	26.0	54.2	59.1	71.3	58.5	51.8	47.9	53.3
K03-2801 RR	31.8	59.0	62.7	67.4	59.4	58.7	47.2	47.5
K03-2814 RR	27.5	35.9	58.6	67.5	61.6	55.1	46.9	50.9
K03-2820 RR	22.3	37.5	53.2	62.3	64.6	55.3	48.2	47.8
NEX3105A0R	27.6	48.0	50.0	74.8	82.7	58.3	49.0	49.3
NEX3203HR	24.1	49.7	57.3	81.3	53.6	65.6	49.6	51.4
NEX3205A0R	28.2	69.8	62.7	67.4	76.5	61.8	51.2	54.4
NEX3305A0R	30.3	58.0	64.5	85.6	85.7	60.3	48.0	56.2
NEX3305B0R	29.9	58.0	65.5	80.9	57.9	61.8	51.2	57.8
NEX3405A0R	23.1	53.9	59.7	71.1	71.1	61.7	52.5	59.2
NEX3505A0R	20.8	57.5	56.2	71.7	70.1	62.5	51.9	51.0
NEX3505B0R	26.5	64.8	64.2	70.2	78.0	59.8	44.4	54.0
NEX3605A0R	27.3	71.1	58.8	76.0	83.0	61.3	46.7	53.0
NEX3705A0R	26.7	48.6	67.0	74.6	55.3	58.7	45.4	51.9
NEX8903	25.2	48.4	70.7	82.5	61.8	63.8	51.8	58.0
U03-330506	25.1	63.9	65.3	71.3	70.8	55.3	44.3	56.5
U03-330726	22.5	44.1	45.9	69.3	49.3	43.8	42.8	42.7
U03-330838	16.6	40.6	47.7	73.0	79.8	59.7	42.5	43.8
U03-330844	23.1	42.9	50.6	72.0	58.3	56.9	43.3	46.9
U03-430217	21.3	29.4	49.3	77.4	56.7	65.7	47.9	43.5
U03-430246	28.0	50.9	53.4	76.4	65.5	60.6	45.4	53.9
U03-430316	21.3	56.5	59.5	81.1	83.1	59.4	52.6	55.6
U03-430324	32.9	61.6	62.1	77.0	57.2	55.1	49.5	50.9
U03-804135	24.7	41.6	54.7	72.6	67.2	51.1	51.4	52.5
C.V. (%)	8.9	6.3	7.8	7.2	16.6	8.2	4.4	8.5
L.S.D. (5%)	3.3	5.5	7.4	10.7	22.8	9.6	3.5	7.3
Row Sp. (in.)	30	30	30	30	30	30	7.5	15
Rows/Plot	4	4	4	4	4	4	6	6
Reps	3	3	3	2	2	2	3	3

**UNIFORM TEST III Roundup-Ready, 2005**

**YIELD RANK**

Strain	Yield Rank	PineTree*	Rohwer*	Urbana IL	Lafayette IN	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
		irrigated AR	irrigated AR							
AG3401 (III)	10	31	15	4	5	22	11	6	27	14
DKB31-51	19	23	18	3	2	16	3	30	31	18
AG3201	13	7	5	2	18	29	4	18	18	26
DKB3852	3	12	3	1	3	4	21	27	15	10
CL02J012-23	15	12	1	10	20	18	13	25	32	4
CL02J012-136	16	29	4	17	29	21	28	20	10	1
HFPR-7RR	31	8	19	23	32	20	33	33	33	23
K1623RR	6	6	24	9	13	12	17	13	4	30
K03-2788 RR	26	18	7	26	10	30	24	26	20	17
K03-2791 RR	21	30	14	16	12	13	22	10	24	8
K03-2801 RR	20	2	23	15	14	31	10	16	26	11
K03-2814 RR	27	20	11	21	9	27	25	21	28	22
K03-2820 RR	28	1	31	29	30	11	6	31	9	32
NEX3105A0R	24	15	30	18	24	32	7	11	8	33
NEX3203HR	10	17	22	18	14	7	16	3	2	7
NEX3205A0R	2	8	8	6	1	15	1	15	5	31
NEX3305A0R	6	10	32	14	7	10	9	12	12	29
NEX3305B0R	1	4	13	5	4	8	14	2	16	12
NEX3405A0R	12	21	15	13	16	19	5	8	19	3
NEX3505A0R	22	16	27	28	7	33	26	14	23	5
NEX3505B0R	16	24	2	25	25	9	11	9	21	13
NEX3605A0R	4	3	6	11	18	1	20	5	11	15
NEX3705A0R	13	28	12	12	20	2	23	19	3	16
NEX8903	4	11	10	22	10	14	8	1	1	25
U03-330506	18	4	21	29	31	17	29	7	14	6
U03-330726	32	26	29	31	26	23	2	23	22	28
U03-330838	33	33	20	32	33	28	31	22	17	20
U03-330844	28	32	17	24	28	25	27	17	29	24
U03-430217	30	22	26	33	22	24	32	29	25	21
U03-430246	23	25	25	18	23	26	30	32	7	27
U03-430316	9	27	33	7	17	5	18	24	6	9
U03-430324	6	19	9	7	6	3	18	4	30	2
U03-804135	25	12	28	27	27	6	15	28	13	19

\*Data not included in mean.

**UNIFORM TEST III Roundup-Ready, 2005**

**YIELD RANK**

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Goehner NE	DeWitt NE	Tekamah NE	Hoytville OH	South Charleston OH
AG3401 (III)	21	16	9	26	9	20	3	1
DKB31-51	17	23	27	30	24	15	6	8
AG3201	7	9	21	11	16	9	13	27
DKB3852	3	4	13	31	10	24	1	10
CL02J012-23	10	7	8	21	5	27	9	9
CL02J012-136	6	2	2	21	20	28	27	23
HFPR-7RR	16	21	31	12	14	31	24	26
K1623RR	1	15	14	6	15	9	2	11
K03-2788 RR	2	10	14	33	23	31	28	24
K03-2791 RR	20	18	18	19	26	29	19	15
K03-2801 RR	5	11	10	28	25	17	21	29
K03-2814 RR	14	32	20	27	22	26	22	21
K03-2820 RR	29	31	26	32	19	22	17	28
NEX3105A0R	13	26	29	13	4	19	16	25
NEX3203HR	25	22	22	3	32	2	14	19
NEX3205A0R	11	3	10	28	8	5	12	12
NEX3305A0R	8	12	6	1	1	12	18	6
NEX3305B0R	9	12	4	5	28	5	11	4
NEX3405A0R	26	19	16	23	10	7	5	2
NEX3505A0R	32	14	23	18	13	4	7	20
NEX3505B0R	19	5	7	24	7	13	29	13
NEX3605A0R	15	1	19	10	3	8	23	16
NEX3705A0R	18	24	3	14	31	17	25	18
NEX8903	21	25	1	2	21	3	8	3
U03-330506	23	6	5	19	12	22	30	5
U03-330726	28	27	33	25	33	33	32	33
U03-330838	33	30	32	15	5	14	33	31
U03-330844	26	28	28	17	27	21	31	30
U03-430217	30	33	30	7	30	1	20	32
U03-430246	12	20	25	9	18	11	26	14
U03-430316	30	16	17	4	2	16	4	7
U03-430324	4	8	12	8	29	24	15	21
U03-804135	24	29	24	16	17	30	10	17

**UNIFORM TEST III Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Mean	PineTree*	Rohwer*	Urbana	Lafayette	Butlerville	Wanatah	Ashland	Manhattan	Ottawa
	13 Tests	irrigated AR	irrigated AR	IL	IN	IN	IN	KS	KS	KS
AG3401 (III)	9/24	8/14	8/15	9/25	9/5	9/25	9/25	9/27	10/17	
DKB31-51	-3.0	-4	-1	-2	-9	-4	-5	-2	-3	
AG3201	-2.7	0	2	-4	-9	-1	-5	-2	-3	
DKB3852	2.4	2	3	6	4	4	2	2	1	
CL02J012-23	0.6	2	3	0	1	3	2	0	0	
CL02J012-136	2.2	2	3	4	3	3	3	2	-0	
HFPR-7RR	-1.5	2	2	0	-1	3	-3	-2	-2	
K1623RR	1.5	-0	2	0	-2	2	0	2	1	
K03-2788 RR	1.1	2	3	3	3	1	3	4	1	
K03-2791 RR	-1.1	2	-1	2	0	0	-2	2	-0	
K03-2801 RR	0.3	2	2	2	-1	1	-1	0	0	
K03-2814 RR	-0.7	2	2	0	0	-2	-1	-1	-1	
K03-2820 RR	-5.0	-4	-3	-10	-7	-1	-5	-2	-6	
NEX3105A0R	-5.5	-3	-3	-11	-7	-6	-6	-2	-8	
NEX3203HR	-1.0	1	1	-5	-4	0	-2	-0	0	
NEX3205A0R	-2.2	-3	2	-4	-3	-2	-3	0	-3	
NEX3305A0R	-2.9	-2	-1	-8	-3	0	-5	-2	-7	
NEX3305B0R	-3.1	-1	0	-6	-7	-2	-4	-2	-3	
NEX3405A0R	-2.3	-4	-0	-3	-5	-1	-4	-2	-2	
NEX3505A0R	-3.2	-3	1	-4	-5	-5	-6	-2	-2	
NEX3505B0R	1.7	2	3	6	4	3	2	1	-1	
NEX3605A0R	0.5	2	4	2	-1	3	-1	0	-0	
NEX3705A0R	1.0	1	2	-3	-1	3	2	0	-1	
NEX8903	-0.2	-4	2	-4	2	-3	-3	-1	-2	
U03-330506	-0.2	2	5	-4	1	1	-2	-0	-1	
U03-330726	-5.1	-4	-3	-8	-5	-5	-4	-3	-5	
U03-330838	-6.8	-4	-1	-12	-9	-8	-7	-3	-9	
U03-330844	-6.5	-4	1	-11	-9	-8	-7	-3	-6	
U03-430217	-4.8	-4	-2	-12	-9	-4	-7	-3	-3	
U03-430246	-4.1	-3	-1	-10	-7	-5	-5	-3	-2	
U03-430316	-2.6	2	-1	-5	-7	1	-6	-2	-3	
U03-430324	-1.0	2	3	0	1	2	-4	-3	-3	
U03-804135	-1.3	-3	-1	-2	2	2	0	0	-1	
Date Planted	5/15	4/19	4/27	5/10	5/7	5/11	5/16	5/23	6/20	
Days to Mature	133	117	110	138	121	137	132	127	119	

\*Data not included in mean.



**UNIFORM TEST III Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Goehner NE	DeWitt NE	Tekamah NE	Hoytville OH	South Charleston OH
AG3401 (III)	9/22	9/13	9/7	9/25		10/27	9/21	9/24
DKB31-51	1	0	-8	-3		2	-2	-3
AG3201	-3	1	-2	-1		3	-3	-6
DKB3852	0	2	5	2		-2	3	3
CL02J012-23	2	2	-2	1		-3	1	0
CL02J012-136	2	3	8	2		-5	3	2
HFPR-7RR	2	1	-2	1		-13	-1	-2
K1623RR	3	4	2	4		3	1	0
K03-2788 RR	0	3	3	4		-13	3	0
K03-2791 RR	-4	-1	-2	1		-6	-1	-2
K03-2801 RR	-3	2	3	2		1	-1	-0
K03-2814 RR	-3	0	0	3		-3	0	-2
K03-2820 RR	-4	-1	-8	-4		-2	-6	-9
NEX3105A0R	-4	-3	-9	-4		1	-7	-7
NEX3203HR	0	2	-2	-1		8	-4	-4
NEX3205A0R	-3	2	-6	-3		4	-4	-3
NEX3305A0R	-1	2	-9	-1		3	-4	-3
NEX3305B0R	-4	-1	-7	-1		4	-2	-5
NEX3405A0R	-3	-1	-5	-1		4	-3	-3
NEX3505A0R	-6	0	-9	-1		5	-2	-5
NEX3505B0R	-2	1	0	3		2	0	3
NEX3605A0R	2	-1	-3	1		4	0	0
NEX3705A0R	-1	3	6	1		1	0	3
NEX8903	-2	3	8	-1		6	-2	-4
U03-330506	0	3	-2	2		-2	-0	2
U03-330726	0	2	-9	-3		-14	-5	-7
U03-330838	-4	-3	-13	-4		2	-9	-10
U03-330844	-4	-6	-9	-3		-1	-8	-10
U03-430217	-1	-1	-9	-5		8	-8	-9
U03-430246	-3	2	-8	-1		3	-7	-8
U03-430316	1	2	-8	-1		2	-4	-3
U03-430324	1	2	0	-3		-3	-2	-2
U03-804135	0	2	-2	-3		-7	-5	-4
Date Planted	5/17	5/5	5/4	5/19		5/24	5/6	5/4
Days to Mature	128	131	126	129		156	138	143

**UNIFORM TEST III Roundup-Ready, 2005**

**LODGING (score)**

Strain	Mean 13 Tests	PineTree*	Rohwer*	Urbana IL	Lafayette IN	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
		irrigated AR	irrigated AR							
AG3401 (III)	1.6			2.0	1.3	2.2	1.3	1.0	1.7	1.0
DKB31-51	1.2			1.0	1.0	1.7	1.0	1.0	1.0	1.3
AG3201	1.3			1.0	1.0	1.7	1.0	2.0	1.0	1.7
DKB3852	1.1			1.0	1.0	1.0	1.0	1.0	1.0	1.0
CL02J012-23	1.3			1.0	1.0	2.0	1.2	1.0	1.0	1.0
CL02J012-136	1.3			1.0	1.0	1.7	1.0	1.3	1.0	1.0
HFPR-7RR	1.2			1.0	1.0	1.3	1.0	1.0	1.0	1.3
K1623RR	1.3			1.0	1.0	1.7	1.0	1.0	1.0	1.0
K03-2788 RR	1.6			2.0	1.0	2.3	1.0	1.7	1.7	1.7
K03-2791 RR	1.5			2.0	1.2	1.7	1.0	1.3	1.0	2.0
K03-2801 RR	1.8			2.0	1.2	2.5	1.0	2.3	1.7	2.0
K03-2814 RR	1.9			2.0	1.3	3.0	1.2	3.0	1.7	2.0
K03-2820 RR	2.1			3.0	1.2	3.3	1.3	2.0	2.0	2.0
NEX3105A0R	1.3			2.0	1.0	1.5	1.0	1.0	1.0	1.3
NEX3203HR	1.2			1.0	1.0	1.3	1.0	1.0	1.0	1.0
NEX3205A0R	1.7			2.0	1.5	2.3	1.2	1.0	2.0	2.0
NEX3305A0R	1.2			1.0	1.0	1.5	1.0	1.0	1.0	1.0
NEX3305B0R	1.2			1.0	1.0	1.2	1.0	1.0	1.0	1.0
NEX3405A0R	1.4			2.0	1.2	2.0	1.0	1.0	1.0	1.3
NEX3505A0R	1.3			1.0	1.0	1.7	1.2	1.0	1.0	1.0
NEX3505B0R	1.4			2.0	1.0	1.5	1.0	1.0	1.0	1.7
NEX3605A0R	1.2			1.0	1.0	1.5	1.0	1.0	1.0	1.0
NEX3705A0R	1.2			1.0	1.0	1.2	1.0	1.0	1.0	1.0
NEX8903	1.3			2.0	1.2	1.5	1.0	1.0	1.0	1.0
U03-330506	1.5			2.0	1.2	2.0	1.2	1.0	1.0	1.7
U03-330726	1.2			1.0	1.0	1.3	1.0	1.0	1.0	1.3
U03-330838	1.3			2.0	1.0	1.8	1.0	1.0	1.0	1.0
U03-330844	1.3			2.0	1.0	1.8	1.0	1.0	1.0	1.0
U03-430217	1.2			1.0	1.0	1.5	1.0	1.0	1.0	1.3
U03-430246	1.1			1.0	1.0	1.2	1.0	1.0	1.0	1.0
U03-430316	1.3			1.0	1.0	1.8	1.0	1.0	1.0	1.7
U03-430324	1.4			1.0	1.2	2.0	1.0	1.0	1.0	1.7
U03-804135	1.4			2.0	1.0	1.5	1.0	1.0	1.3	1.3

\*Data not included in mean.

**UNIFORM TEST III Roundup-Ready, 2005**

**LODGING (score)**

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Goehner NE	DeWitt NE	Tekamah NE	Hoytville OH	South Charleston OH
AG3401 (III)	1.0	1.0	2.5	2.5			1.4	1.6
DKB31-51	1.0	1.0	1.5	2.0			1.2	1.3
AG3201	1.0	1.0	1.5	2.0			1.2	1.2
DKB3852	1.0	1.0	1.0	2.0			1.2	1.3
CL02J012-23	1.0	1.0	2.0	2.0			1.3	1.8
CL02J012-136	1.0	1.0	2.0	2.0			1.4	1.3
HFPR-7RR	1.0	1.0	1.5	2.0			1.3	1.4
K1623RR	1.0	1.0	2.5	2.0			1.3	1.2
K03-2788 RR	1.0	1.0	3.0	2.0			1.4	1.6
K03-2791 RR	1.0	1.0	2.0	2.5			1.4	1.3
K03-2801 RR	1.0	1.0	3.0	2.0			1.6	1.5
K03-2814 RR	1.0	1.0	3.0	2.0			1.4	1.6
K03-2820 RR	1.0	1.0	3.5	2.0			2.6	2.7
NEX3105A0R	1.0	1.0	1.5	2.0			1.4	1.4
NEX3203HR	1.0	1.0	1.5	2.0			1.2	1.2
NEX3205A0R	1.0	1.5	3.0	2.0			1.4	1.6
NEX3305A0R	1.0	1.0	2.0	2.0			1.3	1.4
NEX3305B0R	1.0	1.0	2.0	2.0			1.2	1.2
NEX3405A0R	1.0	1.0	2.5	2.0			1.3	1.5
NEX3505A0R	1.0	1.0	2.0	2.0			1.4	1.3
NEX3505B0R	1.0	1.0	2.0	2.0			1.2	1.3
NEX3605A0R	1.0	1.0	1.5	2.0			1.3	1.2
NEX3705A0R	1.0	1.0	1.5	2.0			1.3	1.3
NEX8903	1.0	1.0	1.0	2.0			1.3	1.4
U03-330506	1.0	1.0	2.0	2.0			1.3	1.6
U03-330726	1.0	1.0	1.5	2.0			1.3	1.3
U03-330838	1.0	1.0	1.5	2.0			1.3	1.3
U03-330844	1.0	1.0	1.5	2.0			1.3	1.4
U03-430217	1.0	1.0	1.5	2.0			1.3	1.4
U03-430246	1.0	1.0	1.0	2.0			1.2	1.4
U03-430316	1.0	1.0	1.5	2.0			1.2	1.2
U03-430324	1.0	1.0	2.0	2.0			1.2	1.5
U03-804135	1.0	1.0	2.0	2.0			1.4	1.4

**UNIFORM TEST III Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean	PineTree*	Rohwer*	Urbana IL	Lafayette IN	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
	13 Tests	irrigated AR	irrigated AR							
AG3401 (III)	36	22	25	44	37	33	36	39	39	30
DKB31-51	31	22	25	39	32	29	29	34	37	24
AG3201	35	25	25	44	33	32	38	37	36	30
DKB3852	33	25	23	42	35	31	34	32	38	25
CL02J012-23	31	20	24	38	32	27	33	30	30	24
CL02J012-136	35	25	28	46	36	31	38	38	37	28
HFPR-7RR	36	23	31	47	38	34	36	36	35	30
K1623RR	33	22	25	42	35	29	34	36	31	26
K03-2788 RR	41	25	32	52	43	37	42	49	38	34
K03-2791 RR	37	25	27	46	39	37	38	37	35	31
K03-2801 RR	39	27	27	49	42	35	40	45	41	34
K03-2814 RR	42	27	31	53	43	37	43	45	44	33
K03-2820 RR	36	21	24	44	36	34	36	41	41	31
NEX3105A0R	33	25	25	41	32	29	34	35	34	27
NEX3203HR	29	21	24	38	29	28	30	29	37	25
NEX3205A0R	34	23	29	43	36	31	36	35	34	29
NEX3305A0R	34	25	27	44	37	31	35	35	34	28
NEX3305B0R	31	20	25	41	32	29	30	31	29	29
NEX3405A0R	35	25	28	45	35	32	36	37	37	30
NEX3505A0R	31	19	23	40	33	29	31	31	31	25
NEX3505B0R	38	26	32	47	41	37	39	39	38	32
NEX3605A0R	34	22	27	42	36	33	34	34	33	27
NEX3705A0R	34	22	27	43	40	35	35	33	35	27
NEX8903	33	24	25	43	37	31	34	36	35	29
U03-330506	35	25	27	45	37	32	36	35	35	28
U03-330726	31	22	24	41	31	29	33	32	34	28
U03-330838	32	19	26	41	31	30	32	34	34	30
U03-330844	32	22	27	41	32	29	29	34	30	27
U03-430217	28	19	22	37	29	29	27	26	31	25
U03-430246	27	21	21	34	28	27	32	21	27	24
U03-430316	32	19	25	40	33	31	31	30	36	29
U03-430324	34	22	24	44	36	34	34	35	33	27
U03-804135	33	24	22	44	37	34	37	29	38	26

\*Data not included in mean.

**UNIFORM TEST III Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Goehner NE	DeWitt NE	Tekamah NE	Hoytville OH	South Charleston OH
AG3401 (III)	26	27	37	43			40	38
DKB31-51	24	23	34	36			31	31
AG3201	24	26	37	42			38	34
DKB3852	21	24	38	41			35	31
CL02J012-23	24	27	32	37			32	32
CL02J012-136	19	24	41	42			39	34
HFPR-7RR	23	27	41	40			40	37
K1623RR	26	25	35	39			38	30
K03-2788 RR	27	31	47	51			45	38
K03-2791 RR	29	28	40	42			41	38
K03-2801 RR	24	30	40	46			41	38
K03-2814 RR	29	31	49	48			43	43
K03-2820 RR	28	24	39	41			40	37
NEX3105A0R	24	22	33	40			39	34
NEX3203HR	17	18	30	34			31	29
NEX3205A0R	25	28	36	39			37	35
NEX3305A0R	24	27	38	40			37	35
NEX3305B0R	26	26	36	37			32	31
NEX3405A0R	20	27	41	40			38	38
NEX3505A0R	22	23	36	39			35	32
NEX3505B0R	29	28	41	42			39	37
NEX3605A0R	24	32	35	40			37	34
NEX3705A0R	22	26	38	41			37	34
NEX8903	21	20	38	39			39	34
U03-330506	23	31	41	39			40	35
U03-330726	22	20	36	38			30	31
U03-330838	23	20	37	38			36	30
U03-330844	25	22	39	39			35	32
U03-430217	24	15	31	31			28	30
U03-430246	21	19	31	29			27	29
U03-430316	20	23	37	36			36	31
U03-430324	23	23	37	41			37	35
U03-804135	19	22	38	34			34	36

**UNIFORM TEST III Roundup-Ready, 2005**

**SEED SIZE (g/100)**

Strain	Mean 14 Tests	PineTree*	Rohwer*	Urbana IL	Lafayette IN	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
		irrigated AR	irrigated AR							
AG3401 (III)	13.8			14.7	11.7	13.0	13.3	14.0	14.3	13.9
DKB31-51	14.8			15.8	12.9	14.7	14.4	15.3	15.5	16.7
AG3201	14.3			14.8	11.6	13.6	14.3	14.8	14.9	16.3
DKB3852	13.2			14.5	11.1	12.6	12.8	12.9	14.0	14.2
CL02J012-23	14.7			16.3	13.4	14.5	14.1	14.7	15.6	16.0
CL02J012-136	13.1			14.8	11.5	12.8	12.2	12.5	13.9	15.4
HFPR-7RR	15.7			17.5	13.0	15.7	14.7	16.3	16.9	16.9
K1623RR	14.9			15.4	12.8	13.1	13.6	14.7	15.7	16.1
K03-2788 RR	14.3			15.5	13.2	11.7	14.6	14.6	15.2	16.0
K03-2791 RR	14.1			16.3	12.7	13.0	14.0	14.7	16.3	14.2
K03-2801 RR	13.5			16.0	11.5	11.7	12.0	14.1	15.2	14.7
K03-2814 RR	14.4			15.5	14.1	13.6	13.0	15.0	15.7	14.8
K03-2820 RR	14.9			14.6	13.3	15.5	14.2	15.2	16.7	16.0
NEX3105A0R	12.6			14.0	11.3	12.6	12.2	13.1	13.6	12.2
NEX3203HR	14.8			14.3	13.3	15.0	14.8	16.1	16.3	17.8
NEX3205A0R	14.1			14.2	12.8	13.6	16.0	14.3	14.8	14.2
NEX3305A0R	13.2			12.4	12.2	12.6	13.5	13.7	14.2	14.6
NEX3305B0R	14.4			14.0	13.0	13.1	13.4	15.1	16.3	17.7
NEX3405A0R	15.1			15.7	14.8	11.9	15.4	16.0	17.0	16.1
NEX3505A0R	13.3			12.4	12.7	10.6	12.5	14.0	15.0	13.4
NEX3505B0R	13.3			14.5	12.5	13.5	12.4	13.8	14.4	14.6
NEX3605A0R	13.9			14.2	12.5	14.3	13.0	15.0	15.1	15.6
NEX3705A0R	13.9			14.2	12.5	14.8	13.7	14.2	14.9	14.6
NEX8903	14.2			13.3	13.7	13.9	13.7	15.4	15.7	16.3
U03-330506	13.7			14.8	12.2	14.2	13.1	13.9	14.8	16.9
U03-330726	13.8			13.2	13.7	13.3	15.1	14.2	14.6	14.3
U03-330838	13.4			12.7	13.2	12.2	13.8	13.9	15.4	14.2
U03-330844	13.9			13.5	14.6	12.5	15.1	15.1	14.8	15.4
U03-430217	15.6			13.7	15.0	12.6	15.6	17.2	17.0	16.8
U03-430246	14.2			13.6	12.9	10.2	12.4	17.7	17.1	13.7
U03-430316	15.1			15.3	13.8	15.0	13.8	16.4	17.0	15.8
U03-430324	15.2			14.9	12.7	34.9	11.7	14.0	15.4	16.7
U03-804135	16.2			15.8	14.6	16.2	15.6	18.6	18.7	18.9

\*Data not included in mean.

**UNIFORM TEST III Roundup-Ready, 2005**

**SEED SIZE (g/100)**

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Goehner NE	DeWitt NE	Tekamah NE	Hoytville OH	South Charleston OH
AG3401 (III)		19.1	15.0	14.3	14.4	12.2	10.6	13.6
DKB31-51		18.3	14.0	15.5	14.4	13.6	11.4	14.4
AG3201		20.7	15.0	13.6	14.8	12.4	10.1	12.9
DKB3852		17.5	13.0	12.3	13.2	12.5	10.8	13.6
CL02J012-23		19.1	14.1	14.0	14.9	13.4	11.4	14.9
CL02J012-136		16.5	15.0	12.2	11.3	11.8	10.8	13.4
HFPR-7RR		20.2	15.5	15.2	15.0	14.1	12.7	15.9
K1623RR		21.8	16.0	15.2	14.2	14.1	11.4	14.3
K03-2788 RR		20.1	14.1	14.6	13.2	12.7	10.6	14.2
K03-2791 RR		19.3	13.4	13.6	13.3	13.0	10.1	14.0
K03-2801 RR		18.0	13.2	13.1	12.4	12.6	10.2	13.9
K03-2814 RR		18.9	14.0	15.2	13.7	12.8	11.4	14.0
K03-2820 RR		22.2	14.2	14.6	13.9	13.8	11.1	13.6
NEX3105A0R		16.1	12.0	12.7	13.6	11.7	9.6	11.9
NEX3203HR		18.8	12.5	15.0	13.4	14.7	11.2	14.2
NEX3205A0R		19.1	13.4	13.3	13.8	12.9	11.3	13.8
NEX3305A0R		18.1	11.8	13.9	13.9	12.0	9.6	12.3
NEX3305B0R		20.0	15.0	13.6	15.2	12.7	10.2	12.8
NEX3405A0R		21.0	12.0	15.1	15.4	14.0	11.7	15.3
NEX3505A0R		18.3	14.0	15.4	13.5	12.2	10.3	12.4
NEX3505B0R		15.8	13.0	13.0	12.5	12.4	9.9	13.6
NEX3605A0R		17.2	12.0	14.5	14.3	13.3	10.7	13.4
NEX3705A0R		18.4	14.4	13.7	13.5	12.7	10.0	12.9
NEX8903		17.2	14.0	14.3	13.6	13.3	10.6	14.2
U03-330506		15.7	13.0	13.7	12.0	12.7	10.4	15.0
U03-330726		18.0	12.5	13.8	15.3	11.8	10.5	13.1
U03-330838		17.1	12.6	13.7	14.6	12.6	10.0	12.3
U03-330844		16.6	12.0	14.4	15.5	12.7	10.2	13.0
U03-430217		22.0	14.0	16.9	16.7	13.8	11.6	14.9
U03-430246		21.8	12.5	14.9	16.1	12.9	10.2	13.1
U03-430316		19.9	14.0	15.6	15.5	13.3	10.9	14.7
U03-430324		18.2	12.7	13.4	13.9	12.0	9.9	12.7
U03-804135		17.9	16.0	16.5	16.6	14.4	12.0	14.8

**UNIFORM TEST III Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Mean 11 Tests	PineTree*	Rohwer*	Urbana IL	Lafayette IN	Butlerville IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
		irrigated AR	irrigated AR							
AG3401 (III)	2.0			2.0	1.5	1.0	1.5	2.0	3.0	2.0
DKB31-51	1.9			2.0	1.5	1.0	1.0	2.0	2.0	2.0
AG3201	1.9			2.0	1.5	1.0	1.5	2.0	2.0	2.0
DKB3852	1.8			2.0	1.5	1.0	1.0	2.0	2.0	2.0
CL02J012-23	1.9			2.0	1.5	1.0	1.5	2.0	2.0	2.0
CL02J012-136	1.8			2.0	1.5	1.0	1.5	2.0	2.0	2.0
HFPR-7RR	1.8			1.0	1.5	1.0	1.0	2.0	2.0	2.0
K1623RR	2.0			2.0	1.5	1.5	1.0	2.0	3.0	2.0
K03-2788 RR	2.0			2.0	1.5	1.0	1.5	2.0	3.0	2.0
K03-2791 RR	2.1			2.0	1.0	1.0	1.5	2.0	4.0	2.0
K03-2801 RR	2.0			3.0	1.5	1.0	1.0	2.0	2.0	2.0
K03-2814 RR	1.9			2.0	1.5	1.5	1.0	2.0	2.0	2.0
K03-2820 RR	2.0			2.0	1.5	1.0	1.5	2.0	2.0	3.0
NEX3105A0R	1.9			2.0	1.5	1.0	1.5	2.0	2.0	2.0
NEX3203HR	2.2			3.0	2.0	2.0	1.5	2.0	3.0	2.0
NEX3205A0R	1.8			2.0	1.0	1.0	1.5	2.0	2.0	2.0
NEX3305A0R	1.8			1.0	1.5	1.0	1.5	2.0	2.0	2.0
NEX3305B0R	1.7			1.0	1.0	1.0	1.0	2.0	2.0	2.0
NEX3405A0R	1.8			2.0	1.0	1.0	1.0	2.0	2.0	2.0
NEX3505A0R	1.8			2.0	1.5	1.5	1.5	2.0	2.0	2.0
NEX3505B0R	1.8			2.0	1.5	1.0	1.0	2.0	2.0	2.0
NEX3605A0R	1.8			2.0	1.5	1.0	1.5	2.0	2.0	2.0
NEX3705A0R	1.9			2.0	1.5	1.5	1.5	2.0	2.0	2.0
NEX8903	2.0			2.0	1.5	1.0	1.5	2.0	3.0	2.0
U03-330506	1.9			2.0	1.5	1.5	1.5	2.0	2.0	2.0
U03-330726	2.2			2.0	1.5	2.0	1.5	2.0	3.0	2.0
U03-330838	2.2			2.0	2.0	2.0	1.5	2.0	3.0	2.0
U03-330844	2.5			2.0	2.0	1.5	1.5	3.0	4.0	3.0
U03-430217	2.1			1.0	2.0	1.5	2.0	2.0	3.0	2.0
U03-430246	1.8			1.0	1.5	1.0	1.0	2.0	2.0	2.0
U03-430316	1.8			1.0	1.5	1.5	1.5	2.0	2.0	2.0
U03-430324	1.9			2.0	1.5	1.5	1.0	2.0	2.0	2.0
U03-804135	2.1			2.0	2.0	1.5	1.5	2.0	2.0	2.0

\*Data not included in mean.



**UNIFORM TEST III Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Goehner NE	DeWitt NE	Tekamah NE	Hoytville OH	South Charleston OH
AG3401 (III)		4.0	2.0				1.4	1.8
DKB31-51		4.0	2.0				1.5	1.5
AG3201		4.0	2.0				1.4	1.3
DKB3852		4.0	2.0				1.5	1.3
CL02J012-23		4.0	2.0				1.5	1.9
CL02J012-136		3.0	2.0				1.5	1.4
HFPR-7RR		4.0	2.0				1.5	1.5
K1623RR		4.0	2.0				1.4	1.6
K03-2788 RR		4.0	2.0				1.6	1.4
K03-2791 RR		4.0	2.5				1.4	1.8
K03-2801 RR		4.0	2.0				1.5	1.8
K03-2814 RR		4.0	2.0				1.5	1.6
K03-2820 RR		4.0	2.0				1.8	1.6
NEX3105A0R		4.0	2.0				1.3	1.5
NEX3203HR		4.0	2.0				1.4	1.4
NEX3205A0R		3.0	2.0				1.4	1.4
NEX3305A0R		4.0	2.0				1.4	1.3
NEX3305B0R		4.0	2.0				1.4	1.2
NEX3405A0R		4.0	2.0				1.7	1.2
NEX3505A0R		3.0	2.0				1.4	1.3
NEX3505B0R		3.0	2.0				1.5	2.0
NEX3605A0R		3.0	2.0				1.6	1.7
NEX3705A0R		3.0	2.0				1.8	1.5
NEX8903		4.0	2.0				1.4	1.8
U03-330506		3.0	2.0				1.6	2.1
U03-330726		4.0	2.0				1.9	2.2
U03-330838		4.0	2.0				1.8	2.3
U03-330844		4.0	2.0				1.5	2.5
U03-430217		4.0	2.0				2.3	1.4
U03-430246		4.0	2.0				1.6	1.8
U03-430316		4.0	2.0				1.4	1.4
U03-430324		4.0	2.0				1.5	1.5
U03-804135		4.0	2.0				1.4	2.3

**UNIFORM TEST III Roundup-Ready, 2005**

**PROTEIN (%)**

Strain	Mean 6 Tests	Urbana IL	Butlerville IN	Wanatah IN	Ashland KS	Portageville (Loam) MO	South Charleston OH
AG3401 (III)	40.3	40.4	39.5	40.6	40.6	40.0	40.7
DKB31-51	40.2	39.6	39.9	40.9	39.9	40.3	40.7
AG3201	38.4	38.4	38.1	39.0	39.4	37.9	37.7
DKB3852	39.2	39.4	39.1	38.7	38.6	40.4	38.8
CL02J012-23	41.9	42.5	42.7	43.1	40.6	40.4	42.3
CL02J012-136	39.7	40.2	39.3	41.3	39.8	38.6	39.0
HFPR-7RR	42.3	41.9	42.0	44.5	41.8	41.5	42.1
K1623RR	39.9	39.4	39.1	40.7	41.2	40.5	38.8
K03-2788 RR	38.3	39.1	38.3	39.3	39.1	37.9	36.1
K03-2791 RR	39.5	40.3	37.8	41.1	39.4	39.3	38.8
K03-2801 RR	39.2	40.8	37.0	41.5	39.0	39.3	37.7
K03-2814 RR	39.1	39.2	38.1	39.1	38.9	39.5	39.7
K03-2820 RR	40.2	40.5	39.7	40.6	40.6	40.2	39.7
NEX3105A0R	39.8	39.2	42.0	38.8	39.8	39.5	39.3
NEX3203HR	39.2	39.6	40.3	39.3	39.2	37.9	39.0
NEX3205A0R	41.2	40.9	42.0	42.4	40.4	40.1	41.2
NEX3305A0R	39.5	39.7	39.8	41.1	39.7	39.1	37.8
NEX3305B0R	38.1	37.5	36.5	40.4	38.9	37.4	37.9
NEX3405A0R	40.5	40.3	39.3	41.4	40.5	40.3	40.9
NEX3505A0R	38.0	39.0	36.7	39.3	38.1	36.5	38.3
NEX3505B0R	40.4	41.4	40.9	40.7	40.4	39.8	39.5
NEX3605A0R	40.8	40.5	41.8	41.6	41.1	39.7	40.1
NEX3705A0R	39.9	40.4	40.7	40.8	38.6	39.1	39.6
NEX8903	39.4	39.3	39.9	39.3	38.6	38.4	40.8
U03-330506	38.9	38.4	39.7	38.5	38.6	38.6	39.4
U03-330726	39.5	40.2	38.8	39.6	38.6	39.6	40.2
U03-330838	38.1	36.5	38.9	37.5	37.9	37.9	40.0
U03-330844	38.7	37.9	38.6	38.3	38.8	38.7	39.8
U03-430217	37.5	36.5	36.5	36.7	38.0	38.0	39.5
U03-430246	39.4	39.0	38.1	38.2	41.3	39.8	40.1
U03-430316	37.9	38.1	39.8	36.5	39.1	36.5	37.2
U03-430324	38.1	39.0	39.9	37.3	38.0	38.3	36.0
U03-804135	40.2	38.1	40.8	40.1	39.4	42.4	40.4

**UNIFORM TEST III Roundup-Ready, 2005**

**OIL (%)**

Strain	Mean 6 Tests	Urbana IL	Butlerville IN	Wanatah IN	Ashland KS	Portageville (Loam) MO	South Charleston OH
AG3401 (III)	20.7	21.0	21.2	20.2	20.2	21.3	20.3
DKB31-51	21.7	22.7	21.2	21.1	22.0	21.7	21.4
AG3201	21.5	21.7	21.6	20.8	20.8	22.7	21.2
DKB3852	21.1	21.2	21.0	21.0	21.3	22.3	20.1
CL02J012-23	20.1	20.6	20.0	19.8	20.7	19.9	19.8
CL02J012-136	20.8	20.2	20.6	19.6	20.9	22.8	20.8
HFPR-7RR	20.0	20.1	20.0	18.9	20.2	21.3	19.5
K1623RR	20.8	21.2	21.3	19.3	20.2	21.9	21.1
K03-2788 RR	21.4	21.0	21.1	20.8	20.9	22.8	21.8
K03-2791 RR	21.6	21.5	22.4	20.8	20.9	22.9	21.2
K03-2801 RR	21.1	20.9	21.8	19.9	20.3	21.8	22.1
K03-2814 RR	21.5	21.6	22.2	20.7	21.3	22.2	21.1
K03-2820 RR	20.0	19.7	20.0	19.7	19.1	21.6	20.0
NEX3105A0R	21.0	21.6	20.4	21.4	20.8	21.5	20.5
NEX3203HR	20.0	19.1	19.7	19.7	20.2	21.6	19.6
NEX3205A0R	20.5	20.5	20.6	20.3	20.0	21.0	20.3
NEX3305A0R	20.8	21.0	20.5	20.5	20.9	21.2	20.8
NEX3305B0R	20.4	20.8	21.1	18.9	20.0	22.1	19.8
NEX3405A0R	20.0	19.8	20.2	20.0	20.0	19.9	19.8
NEX3505A0R	21.5	20.6	21.3	21.2	21.5	23.3	21.3
NEX3505B0R	20.9	20.4	20.5	20.5	21.2	22.2	20.6
NEX3605A0R	20.1	19.6	19.5	19.8	20.1	21.2	20.2
NEX3705A0R	20.0	19.6	19.3	19.4	20.3	21.8	19.4
NEX8903	20.1	20.3	19.9	19.9	20.0	21.4	19.0
U03-330506	20.6	21.0	20.6	20.3	20.4	22.0	19.5
U03-330726	21.3	21.2	21.7	21.2	21.2	22.1	20.1
U03-330838	21.7	22.9	21.1	21.4	21.0	23.3	20.3
U03-330844	21.5	22.5	21.6	21.5	20.8	22.4	20.1
U03-430217	22.5	23.3	23.2	22.1	22.3	23.7	20.6
U03-430246	21.1	21.3	21.1	21.4	19.6	23.0	20.4
U03-430316	20.8	21.4	18.8	20.7	19.8	23.5	20.8
U03-430324	20.6	20.3	19.1	20.9	20.6	21.7	20.7
U03-804135	20.8	21.6	20.8	19.9	21.5	21.1	19.9

**Uniform Test IV Roundup-Ready, 2005**

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG4201 (IV)	na	1		RR
2.	DKB3852	na	1		RR, SCN
3.	MPV 457RR	na	1		RR, SCN
4.	AG4403	na	1		RR, SCN
5.	K1630RR	Pioneer 9352 x K97-132	1	F5	RR
6.	K1631RR	Pioneer 9352 x K97-132	1	F5	RR
7.	K03-2832 RR	SS94-7482/K99-126	new	F5	RR
8.	Md 01-063 RR	Md 95-5358 x Stressland (2) x (Md 92-5850 x RR)	1	F5	RR, SCN resistant
9.	Md 01-329 RR	Corsica x Stressland (2) x (Md 92-5850 x RR)	1	F5	RR
10.	Md 02-529 RR	HS93-4118 x [Stressland (2) x (Md 92-5850 x RR)]	new	F5	RR
11.	Md 02-646 RR	HS93-4118 x [Corsica (2) x RR]	new	F5	RR
12.	Md 02-665 RR	HS93-4118 x [Corsica (2) x RR]	new	F5	RR
13.	Md 02-669 RR	HS93-4118 x [Corsica (2) x RR]	new	F5	RR
14.	S03-051RR	DK 4762 x DP 4847s	new	F5	RR
15.	TN02-19RR	[Anand x (TN95-53 x Monsanto-RR)]	new		RR

**UNIFORM TEST IV Roundup-Ready, 2005**

**DESCRIPTIVE AND DISEASE DATA**

Strain	Descriptive Code	Green Stem	Shattering	PR		SDS	P & SB	PS	FE
		Score Pine Tree Ark	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Valmeyer IL DX	n %	Lafayette a %	a
AG4201 (IV)	WTTDYLtbII	1.0	1.0	S	R	14	4	0	
DKB38-52	WGTDYLtbfI	1.0	1.0	R	R	15	4	0	S
MPV 457RR	WTBIYBII	1.0	1.0	R	R	50	0	0	S
AG4403	PTTDYBII	2.0	1.0	S	S	15	8	0	S
K1630RR	WTBDYBrI	2.0	1.0	S	S	44	14	2	S
K1631RR	WTBDYBrI	1.0	1.0	S*	S*	22	10	0	S
K03-2832 RR	WTTIYLtbrI	1.0	1.0	S	S	41	8	1	S
Md 01-063 RR	PTTDYBII	2.0	1.0	S	S	41	0	0	
Md 01-329 RR	PTTDYBII	1.0	1.0	S	S*	26	6	0	S
Md 02-529 RR	PTTDYBII	1.0	1.0	S	S	25	0	0	S
Md 02-646 RR	PLtBDYBII	1.0	1.0	S	R	16	0	0	S
Md 02-665 RR	WLtTDYBII	1.0	1.0	S	R	46	2	0	S
Md 02-669 RR	PLtBDYBrI	1.0	1.0	S	R	13	4	0	S
S03-051RR	WTTDYBII	1.0	1.0	R	S	35	0	0	S
TN02-19RR	PTTDYBII	2.0	1.0	R	R	16	2	0	S

\* = entry/*Phytophthora sojae* race reaction questionable.

Frogeye Leaf Spot S = susceptible, blank = lesions not detected

**UNIFORM TEST IV Roundup-Ready, 2005**

**REGIONAL SUMMARY**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	16 bu/a	16 No.	15 Date	16 Score	16 In.	14 g/100	14 Score	6 Protein %	6 Oil %
AG4201 (IV)	55.5	1	9/29	1.9	36	16.2	2.0	41.1	20.4
DKB3852	52.8	4	-5.8	1.3	33	13.5	2.1	39.7	21.1
MPV 457RR	50.8	6	0.8	1.9	40	14.9	1.9	41.6	19.5
AG4403	54.3	2	-1.1	1.6	38	13.7	2.1	39.9	21.3
K1630RR	50.7	7	-1.1	1.3	34	15.6	2.1	40.2	21.3
K1631RR	51.1	5	-0.9	1.8	39	14.1	2.1	39.2	21.3
K03-2832 RR	47.5	13	-6.6	2.2	38	15.8	2.4	40.2	20.3
Md 01-063 RR	47.7	12	-1.6	1.4	38	15.6	2.1	43.0	19.5
Md 01-329 RR	48.7	10	-3.6	1.5	37	14.3	1.9	41.9	20.0
Md 02-529 RR	47.1	14	-5.4	1.7	34	13.2	2.2	40.5	21.3
Md 02-646 RR	50.2	8	-3.5	2.1	37	14.2	2.2	41.3	19.9
Md 02-665 RR	48.0	11	-2.0	2.0	37	14.3	2.2	42.2	19.0
Md 02-669 RR	48.9	9	-6.7	2.7	38	13.6	1.9	39.9	20.5
S03-051RR	53.0	3	-1.4	2.1	41	15.5	1.9	40.8	20.1
TN02-19RR	45.5	15	-0.3	2.1	39	13.0	1.7	43.2	20.0

138.1 Days After Planting

**UNIFORM TEST IV Roundup-Ready, 2005**

**2004-2005 2-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	31 bu/a	31 No.	30 Date	32 Score	32 In.	28 g/100	28 Score	11 Protein %	11 Oil %
AG4201	59.6	1	9/27	1.8	36	16.4	1.9	41.1	19.6
DKB38-52	55.7	5	-5.9	1.3	33	14.0	1.9	39.6	20.3
MPV 457RR	55.8	4	1.9	1.9	40	15.5	1.8	41.5	19.0
AG4403	59.4	2	-0.3	1.6	38	14.1	1.8	40.0	20.7
K1630RR	56.2	3	-1.2	1.3	33	16.4	1.9	40.2	20.6
K1631RR	55.6	6	-0.2	1.9	38	14.7	1.9	39.0	20.4
Md 01-063 RR	51.8	8	-1.5	1.4	38	16.0	1.8	42.9	19.0
Md 01-329 RR	54.1	7	-3.5	1.4	36	14.7	1.8	41.9	19.4

134.6 Days After Planting

**UNIFORM TEST IV Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Mean	PineTree*	Rohwer*	Middletown DE	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS
	16 Tests	irrigated AR	irrigated AR							
AG4201 (IV)	55.5	61.1	85.5	60.9	71.8	60.2	63.1	51.7	61.0	51.4
DKB3852	52.8	54.2	64.4	58.4	76.7	61.2	61.6	53.4	62.9	54.4
MPV 457RR	50.8	66.0	73.1	55.7	68.3	53.3	54.1	39.7	65.7	54.3
AG4403	54.3	50.3	64.7	55.2	72.2	59.6	58.4	44.6	61.5	61.4
K1630RR	50.7	58.6	72.8	54.5	65.8	50.4	56.4	41.8	63.8	51.9
K1631RR	51.1	51.4	69.0	53.6	65.5	47.8	56.4	35.3	54.8	57.3
K03-2832 RR	47.5	62.3	69.4	53.5	64.0	48.4	56.5	45.3	54.3	58.2
Md 01-063 RR	47.7	58.0	71.4	52.5	64.3	49.4	47.2	38.4	56.8	52.5
Md 01-329 RR	48.7	40.4	66.7	51.0	65.7	45.0	50.0	41.1	64.3	61.9
Md 02-529 RR	47.1	51.7	55.5	50.6	62.1	52.8	52.1	38.2	60.2	59.1
Md 02-646 RR	50.2	48.1	66.5	49.3	66.5	55.5	55.1	40.9	53.2	59.0
Md 02-665 RR	48.0	53.3	58.2	48.3	61.8	52.8	48.5	33.3	52.4	53.8
Md 02-669 RR	48.9	54.5	63.9	48.1	67.5	54.7	52.8	38.9	55.8	60.0
S03-051RR	53.0	51.4	72.9	47.7	71.8	52.0	61.2	42.1	63.3	62.7
TN02-19RR	45.5	51.4	68.4	44.8	59.1	45.0	41.7	27.4	54.4	45.4
C.V. (%)		13.4	13.3	6.9	5.3	9.9	8.5	6.5	6.6	6.7
L.S.D. (5%)		14.6	17.9	6.0	6.0	8.7	6.4	4.4	6.5	6.3
Row Sp. (In.)		6.5	6.5	15	30	30	30	24	26	30
Rows/Plot		9	9	5	4	4	4	4	4	4
Reps		3	3	4	3	3	3	3	3	3

\*Data not included in mean.

**YIELD RANK**

Strain	Yield Rank	PineTree*	Rohwer*	Middletown DE	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS
		irrigated AR	irrigated AR							
AG4201 (IV)	1	3	1	1	4	2	1	2	7	14
DKB3852	4	7	12	2	1	1	2	1	5	9
MPV 457RR	6	1	2	3	5	6	9	9	1	10
AG4403	2	13	11	4	2	3	4	4	6	3
K1630RR	7	4	4	5	8	10	6	6	3	13
K1631RR	5	10	7	6	10	13	6	13	11	8
K03-2832 RR	13	2	6	7	12	12	5	3	13	7
Md 01-063 RR	12	5	5	8	11	11	14	11	9	12
Md 01-329 RR	10	15	9	9	9	14	12	7	2	2
Md 02-529 RR	14	9	15	10	13	8	11	12	8	5
Md 02-646 RR	8	14	10	11	7	4	8	8	14	6
Md 02-665 RR	11	8	14	12	14	7	13	14	15	11
Md 02-669 RR	9	6	13	13	6	5	10	10	10	4
S03-051RR	3	10	3	14	3	9	3	5	4	1
TN02-19RR	15	10	8	15	15	15	15	15	12	15

\*Data not included in mean.

**UNIFORM TEST IV Roundup-Ready, 2005**

**YIELD (bu/a)**

Strain	Manhattan	Ottawa	Lexington	Queenstown	Columbia	Portageville	Portageville	South	Jackson
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH	TN
AG4201 (IV)	29.4	52.9	44.8	58.2	57.5	60.4	80.2	41.1	43.8
DKB3852	32.1	47.7	31.6	53.5	60.0	43.3	62.3	46.7	38.5
MPV 457RR	34.3	45.0	40.9	47.7	41.8	59.4	73.1	38.0	41.5
AG4403	31.0	50.1	38.5	49.2	51.5	83.6	69.0	41.0	41.4
K1630RR	30.6	48.2	43.8	47.9	45.7	59.2	70.9	45.0	35.5
K1631RR	36.7	49.5	45.6	51.5	55.9	51.0	70.3	52.1	34.2
K03-2832 RR	36.1	42.8	35.3	47.6	42.9	40.7	53.2	47.8	33.0
Md 01-063 RR	23.7	45.1	36.8	50.4	43.2	48.5	68.9	41.8	44.4
Md 01-329 RR	30.5	42.6	36.1	46.6	46.4	42.0	75.7	43.0	37.0
Md 02-529 RR	31.6	45.5	34.5	40.9	46.0	37.2	64.7	45.2	33.1
Md 02-646 RR	25.6	42.8	36.0	51.5	50.2	70.3	69.7	39.3	37.7
Md 02-665 RR	28.8	46.2	35.9	44.9	50.7	63.4	68.6	37.4	41.3
Md 02-669 RR	27.3	46.1	31.1	44.3	40.8	61.6	66.2	47.9	39.3
S03-051RR	40.6	51.8	42.6	44.5	44.7	63.1	78.9	40.9	40.3
TN02-19RR	29.1	45.7	37.3	48.1	51.3	57.1	71.2	39.0	31.4
C.V. (%)	9.5	2.7	11.9	9.5	7.7	8.8	6.5	13.8	12.1
L.S.D. (5%)	5.0	2.1	6.3	7.7	5.2	8.3	7.5	10.1	7.9
Row Sp. (In.)	30	30	16	24	30	30	30	15	30
Rows/Plot	4	4	6	4	4	4	4	6	4
Reps	3	3	3	3	3	3	3	3	3

**YIELD RANK**

Strain	Manhattan	Ottawa	Lexington	Queenstown	Columbia	Portageville	Portageville	South	Jackson
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH	TN
AG4201 (IV)	10	1	2	1	2	6	1	9	2
DKB3852	5	6	14	2	1	12	14	4	8
MPV 457RR	4	12	5	9	14	7	4	14	3
AG4403	7	3	6	6	4	1	9	10	4
K1630RR	8	5	3	8	10	8	6	6	11
K1631RR	2	4	1	3	3	10	7	1	12
K03-2832 RR	3	14	12	10	13	14	15	3	14
Md 01-063 RR	15	11	8	5	12	11	10	8	1
Md 01-329 RR	9	15	9	11	8	13	3	7	10
Md 02-529 RR	6	10	13	15	9	15	13	5	13
Md 02-646 RR	14	13	10	3	7	2	8	12	9
Md 02-665 RR	12	7	11	12	6	3	11	15	5
Md 02-669 RR	13	8	15	14	15	5	12	2	7
S03-051RR	1	2	4	13	11	4	2	11	6
TN02-19RR	11	9	7	7	5	9	5	13	15



**UNIFORM TEST IV Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Mean	PineTree*	Rohwer*	Middletown DE	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS
	15 Tests	irrigated AR	irrigated AR							
AG4201 (IV)	9/29	8/21	9/2	10/3	9/22	9/25	10/2	9/23	10/3	10/5
DKB3852	-5.8	-5	-7	-7	-4	-7	-7	-4	-4	-8
MPV 457RR	0.8	1	-2	-1	4	-1	2	0	1	1
AG4403	-1.1	3	-1	-1	4	0	0	4	0	-3
K1630RR	-1.1	1	-2	-2	0	-2	3	-1	0	-2
K1631RR	-0.9	1	0	-5	0	-1	5	-1	0	-5
K03-2832 RR	-6.6	-4	-6	-8	-4	-9	-6	-6	-4	-6
Md 01-063 RR	-1.6	3	-2	-5	1	-3	3	5	-3	-4
Md 01-329 RR	-3.6	-1	-5	-8	-4	-6	1	1	-4	-3
Md 02-529 RR	-5.4	-4	-4	-7	-3	-4	-5	-4	-5	-8
Md 02-646 RR	-3.5	-2	-6	-5	-3	-4	-1	-5	-4	-3
Md 02-665 RR	-2.0	-2	-4	-4	-1	-2	5	-2	-2	-2
Md 02-669 RR	-6.7	-5	-6	-8	-4	-8	-7	-9	-4	-7
S03-051RR	-1.4	-2	-5	-1	-1	-1	1	2	-1	-1
TN02-19RR	-0.3	-3	-2	-2	2	-1	3	1	-1	-5
Date Planted	5/14	4/19	4/27	5/10	5/12	5/13	5/10	5/7	5/11	5/23
Days to Mature	138	124	128	146	133	135	145	139	145	135

\*Data not included in mean.

**LODGING (score)**

Strain	Mean	PineTree*	Rohwer*	Middletown DE	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS
	16 Tests	irrigated AR	irrigated AR							
AG4201 (IV)	1.9			3.0	1.2	2.7	1.0	1.3	2.5	2.3
DKB3852	1.3			1.0	1.0	2.2	1.0	1.0	1.2	1.0
MPV 457RR	1.9			2.0	1.5	2.7	2.0	1.3	2.0	2.0
AG4403	1.6			2.0	1.0	2.2	1.0	1.0	2.2	2.0
K1630RR	1.3			1.0	1.2	2.0	1.0	1.0	1.3	2.0
K1631RR	1.8			2.0	1.0	3.3	2.0	1.0	2.3	2.7
K03-2832 RR	2.2			4.0	1.5	3.8	2.0	1.0	3.3	3.0
Md 01-063 RR	1.4			1.0	1.0	2.7	1.0	1.0	1.2	1.3
Md 01-329 RR	1.5			1.0	1.0	3.0	1.0	1.0	1.5	2.0
Md 02-529 RR	1.7			2.0	1.0	3.2	1.0	1.0	1.5	1.7
Md 02-646 RR	2.1			3.0	1.5	3.8	2.0	1.0	3.0	2.7
Md 02-665 RR	2.0			3.0	1.0	3.5	2.0	1.0	1.7	3.0
Md 02-669 RR	2.7			5.0	1.5	3.8	2.0	2.0	3.3	4.0
S03-051RR	2.1			2.0	1.5	3.0	2.0	1.5	2.5	2.7
TN02-19RR	2.1			2.0	1.7	3.8	2.0	1.0	2.8	3.0

\*Data not included in mean.

**UNIFORM TEST IV Roundup-Ready, 2005**

**MATURITY (date)**

Strain	Manhattan	Ottawa	Lexington	Queenstown	Columbia	Portageville	Portageville	South	Jackson
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH	TN
AG4201 (IV)	10/25		10/4	10/4	9/25	9/24	9/17	9/30	9/20
DKB3852	-8		-8	-7	0	-8	-3	-1	-10
MPV 457RR	-4		-3	2	-1	-2	5	4	5
AG4403	-4		-5	-6	0	-2	-1	4	-6
K1630RR	-5		-3	-6	0	0	-3	3	1
K1631RR	-5		-3	-2	-1	-1	2	5	-2
K03-2832 RR	-8		-9	-8	-2	-9	-6	-3	-11
Md 01-063 RR	-3		0	-4	0	-5	-3	3	-5
Md 01-329 RR	-6		-3	-7	-1	-5	-3	2	-8
Md 02-529 RR	-6		-7	-8	-1	-8	-5	0	-10
Md 02-646 RR	-3		-6	-3	-1	-5	-3	-0	-6
Md 02-665 RR	-3		-4	-2	0	-7	-3	4	-7
Md 02-669 RR	-6		-10	-7	-2	-8	-5	-3	-12
S03-051RR	-5		-4	-2	-1	-2	-1	0	-5
TN02-19RR	-1		-4	0	1	-1	3	1	0
Date Planted	6/20		5/4	6/2	5/17	5/5	5/4	5/4	5/12
Days to Mature	127		153	124	131	142	136	149	131

**LODGING (score)**

Strain	Manhattan	Ottawa	Lexington	Queenstown	Columbia	Portageville	Portageville	South	Jackson
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH	TN
AG4201 (IV)	1.3	1.0	1.0	2.7	2.0	1.5	3.0	1.3	2.0
DKB3852	1.0	1.0	1.0	1.5	2.0	1.0	2.5	1.2	1.0
MPV 457RR	1.7	1.7	1.0	2.5	2.0	1.0	3.0	1.4	2.2
AG4403	1.0	1.3	1.0	2.2	2.0	1.0	3.0	1.3	1.3
K1630RR	1.0	1.0	1.0	1.3	2.0	1.0	2.5	1.2	1.0
K1631RR	1.0	1.0	1.0	2.7	2.0	1.0	3.0	1.6	1.7
K03-2832 RR	1.0	1.0	1.0	3.3	2.0	1.0	3.0	2.0	3.0
Md 01-063 RR	1.0	1.0	1.0	1.8	2.0	1.0	3.0	1.2	1.2
Md 01-329 RR	1.0	1.0	1.0	2.0	2.0	1.0	2.5	1.4	1.0
Md 02-529 RR	1.0	1.0	1.0	3.0	2.0	1.0	3.0	1.3	1.8
Md 02-646 RR	1.3	1.0	1.0	3.8	2.0	1.0	3.0	1.6	1.8
Md 02-665 RR	1.0	1.0	1.0	3.8	3.0	1.0	3.0	1.3	1.5
Md 02-669 RR	2.0	2.0	1.0	4.0	3.0	1.0	3.5	2.4	2.0
S03-051RR	2.0	2.0	1.0	3.7	2.0	1.0	3.5	1.6	1.8
TN02-19RR	1.0	1.0	1.0	3.5	2.0	1.0	3.5	1.5	2.2

**UNIFORM TEST IV Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Mean	PineTree*	Rohwer*	Middletown DE	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS
	16 Tests	irrigated AR	irrigated AR							
AG4201 (IV)	36	30	33	43	40	40	39	43	36	38
DKB3852	33	24	24	35	38	37	36	38	32	39
MPV 457RR	40	30	33	46	48	48	43	46	40	43
AG4403	38	32	32	41	47	42	44	46	36	46
K1630RR	34	28	33	38	41	37	38	38	31	43
K1631RR	39	32	33	44	44	44	45	46	39	42
K03-2832 RR	38	30	33	42	45	42	43	43	35	43
Md 01-063 RR	38	28	34	42	46	47	40	44	37	43
Md 01-329 RR	37	28	29	43	42	43	40	40	37	42
Md 02-529 RR	34	26	30	39	40	39	36	39	33	39
Md 02-646 RR	37	30	29	41	45	42	43	43	35	42
Md 02-665 RR	37	30	31	43	43	43	42	41	34	45
Md 02-669 RR	38	25	31	40	46	46	43	43	35	47
S03-051RR	41	33	29	46	49	51	45	47	40	47
TN02-19RR	39	31	33	42	48	45	43	45	38	45

\*Data not included in mean.

**SEED SIZE (g/100)**

Strain	Mean	PineTree*	Rohwer*	Middletown DE	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS
	14 Tests	irrigated AR	irrigated AR							
AG4201 (IV)	16.2				14.0	13.6	16.6	13.0	16.2	16.3
DKB3852	13.5				12.2	11.9	14.3	10.7	13.1	14.1
MPV 457RR	14.9				13.0	12.2	16.2	11.9	17.1	17.2
AG4403	13.7				11.8	11.2	14.7	9.9	14.4	14.7
K1630RR	15.6				13.0	12.5	17.0	12.2	15.7	17.8
K1631RR	14.1				12.1	10.6	17.7	9.9	15.7	14.5
K03-2832 RR	15.8				14.0	12.9	18.1	13.3	16.3	16.5
Md 01-063 RR	15.6				14.4	13.5	17.8	16.7	15.2	16.4
Md 01-329 RR	14.3				12.5	12.0	16.2	11.6	14.4	14.4
Md 02-529 RR	13.2				11.5	10.8	14.0	10.0	12.7	14.4
Md 02-646 RR	14.2				12.5	11.5	15.6	10.4	16.2	16.5
Md 02-665 RR	14.3				12.1	11.6	16.4	9.4	15.8	15.2
Md 02-669 RR	13.6				11.9	11.4	13.3	10.1	15.7	15.1
S03-051RR	15.5				14.7	13.2	16.5	12.5	18.0	16.8
TN02-19RR	13.0				11.9	10.8	12.3	9.0	14.9	13.5

\*Data not included in mean.

**UNIFORM TEST IV Roundup-Ready, 2005**

**PLANT HEIGHT (inches)**

Strain	Manhattan	Ottawa	Lexington	Queenstown	Columbia	Portageville	Portageville	South	Jackson
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH	TN
AG4201 (IV)	30	29	34	41	31	30	48	30	30
DKB3852	30	27	27	35	35	25	35	27	28
MPV 457RR	38	32	36	43	34	31	48	35	33
AG4403	35	30	32	38	30	33	47	32	35
K1630RR	28	26	29	34	29	29	37	29	31
K1631RR	34	31	33	43	34	28	48	36	33
K03-2832 RR	33	31	33	39	34	32	44	35	32
Md 01-063 RR	34	30	32	42	36	29	47	33	33
Md 01-329 RR	34	27	33	42	36	26	39	34	30
Md 02-529 RR	33	27	29	41	31	27	38	31	27
Md 02-646 RR	32	30	32	41	34	31	40	30	29
Md 02-665 RR	33	31	32	39	34	29	41	30	31
Md 02-669 RR	36	30	33	42	35	28	42	36	32
S03-051RR	37	35	35	46	32	28	49	34	38
TN02-19RR	37	31	32	42	33	29	49	34	35

**SEED SIZE (g/100)**

Strain	Manhattan	Ottawa	Lexington	Queenstown	Columbia	Portageville	Portageville	South	Jackson
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH	TN
AG4201 (IV)	16.7	20.2	17.2	14.6		20.0	17.7	16.3	14.3
DKB3852	14.5	16.9	12.0	11.9		17.2	15.3	13.6	11.0
MPV 457RR	17.3		15.1	13.9		14.5	16.0	16.5	12.7
AG4403	15.0	16.9	15.3	11.0		17.7	14.2	13.8	11.0
K1630RR	18.1	20.6	15.5	12.6		15.5	16.5	16.9	14.0
K1631RR	16.1	17.5	14.5	12.5		16.8	13.2	15.1	11.3
K03-2832 RR	16.6	17.3	16.2	14.6		21.1	15.6	16.0	12.0
Md 01-063 RR	15.4	15.9	15.8	14.7		18.3	15.9	16.8	11.7
Md 01-329 RR	15.2	16.1	15.3	13.3		18.0	15.6	15.2	11.0
Md 02-529 RR	14.0	15.1	13.6	12.5		16.8	15.1	13.9	10.7
Md 02-646 RR	15.7	16.8	13.7	13.0		17.0	14.5	14.4	11.3
Md 02-665 RR	15.9	16.4	15.8	13.1		17.0	13.8	15.5	12.0
Md 02-669 RR	15.4	15.3	13.6	12.9		17.4	14.1	12.9	11.0
S03-051RR	16.2	17.9	15.7	14.9		17.6	15.5	15.8	12.3
TN02-19RR	13.8	16.0	14.6	12.4		15.0	13.8	13.0	10.7

**UNIFORM TEST IV Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Mean 14 Tests	PineTree*	Rohwer*	Middletown DE	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Butlerville IN	Ashland KS
		irrigated AR	irrigated AR							
AG4201 (IV)	2.0				1.0	1.0	2.0	2.0	1.5	2.0
DKB3852	2.1				1.0	1.0	2.0	1.5	1.5	2.0
MPV 457RR	1.9				1.0	1.0	2.0	1.5	1.5	2.0
AG4403	2.1				1.0	1.0	2.0	1.5	1.5	2.0
K1630RR	2.1				1.0	1.0	2.0	1.5	1.0	2.0
K1631RR	2.1				1.0	2.0	2.0	1.5	1.0	2.0
K03-2832 RR	2.4				2.0	2.0	2.0	2.0	1.5	2.0
Md 01-063 RR	2.1				1.0	1.0	2.0	1.5	1.0	2.0
Md 01-329 RR	1.9				1.0	1.0	2.0	1.0	1.0	2.0
Md 02-529 RR	2.2				1.0	2.0	2.0	1.5	1.0	2.0
Md 02-646 RR	2.2				2.0	2.0	2.0	2.0	1.0	2.0
Md 02-665 RR	2.2				1.0	2.0	3.0	1.5	1.0	2.0
Md 02-669 RR	1.9				1.0	2.0	1.0	1.5	1.0	2.0
S03-051RR	1.9				1.0	1.0	1.0	2.0	1.5	2.0
TN02-19RR	1.7				1.0	1.0	1.0	1.0	1.0	2.0

\*Data not included in mean.

**UNIFORM TEST IV Roundup-Ready, 2005**

**SEED QUALITY (score)**

Strain	Manhattan	Ottawa	Lexington	Queenstown	Columbia	Portageville	Portageville	South	Jackson
	KS	KS	KY	MD	MO	(Clay) MO	(Loam) MO	Charleston OH	TN
AG4201 (IV)	2.0	2.0	3.0	2.0		3.0	3.0	1.8	2.2
DKB3852	3.0	2.0	3.0	2.2		3.0	3.0	1.6	3.0
MPV 457RR	2.0	0.0	3.0	2.2		3.0	3.0	2.1	2.7
AG4403	2.0	2.0	3.0	2.5		3.0	3.0	2.1	2.3
K1630RR	2.0	2.0	2.0	3.5		3.0	3.0	1.9	3.0
K1631RR	2.0	2.0	2.0	3.3		3.0	3.0	2.1	2.3
K03-2832 RR	2.0	2.0	3.0	3.5		3.0	3.0	2.1	2.8
Md 01-063 RR	2.0	3.0	2.0	2.8		3.0	3.0	2.1	2.3
Md 01-329 RR	2.0	2.0	1.0	3.0		3.0	3.0	2.0	2.2
Md 02-529 RR	2.0	2.0	3.0	3.3		3.0	3.0	2.1	3.0
Md 02-646 RR	2.0	2.0	2.0	2.5		3.0	3.0	2.3	2.8
Md 02-665 RR	2.0	2.0	3.0	2.5		3.0	3.0	2.6	2.0
Md 02-669 RR	2.0	2.0	2.0	2.3		3.0	3.0	1.3	2.7
S03-051RR	2.0	2.0	2.0	1.7		3.0	3.0	1.7	2.3
TN02-19RR	2.0	2.0	1.0	2.2		3.0	3.0	1.7	1.8

**UNIFORM TEST IV Roundup-Ready, 2005**

**PROTEIN (%)**

Strain	Mean 6 Tests	Urbana IL	Butlerville IN	Ashland KS	Queenstown MD	Portageville (Loam) MO	South Charleston OH
AG4201 (IV)	41.1	41.1	40.8	41.0	40.8	40.8	42.2
DKB3852	39.7	38.9	38.6	39.1	40.5	41.3	39.8
MPV 457RR	41.6	40.5	42.8	42.6	41.2	41.2	41.3
AG4403	39.9	40.2	40.6	39.6	40.8	39.3	39.2
K1630RR	40.2	39.3	39.4	40.4	41.9	38.8	41.4
K1631RR	39.2	39.9	38.8	39.0	39.3	39.6	39.0
K03-2832 RR	40.2	40.6	39.2	39.9	42.1	38.2	41.3
Md 01-063 RR	43.0	43.0	41.0	43.8	43.9	42.5	43.6
Md 01-329 RR	41.9	41.9	41.6	41.9	42.5	41.1	42.4
Md 02-529 RR	40.5	41.0	39.0	40.3	43.0	38.5	41.0
Md 02-646 RR	41.3	40.7	41.7	41.3	41.7	40.5	41.8
Md 02-665 RR	42.2	42.7	41.7	43.1	42.0	41.3	42.1
Md 02-669 RR	39.9	38.6	40.5	40.8	41.6	39.9	38.0
S03-051RR	40.8	41.6	40.7	40.3	41.8	39.4	41.2
TN02-19RR	43.2	41.8	44.8	43.4	43.1	42.7	43.6

**UNIFORM TEST IV Roundup-Ready, 2005**

**OIL (%)**

Strain	Mean 6 Tests	Urbana IL	Butlerville IN	Ashland KS	Queenstown MD	Portageville (Loam) MO	South Charleston OH
AG4201 (IV)	20.4	20.6	20.5	19.8	20.6	21.2	20.0
DKB3852	21.1	21.6	20.6	20.9	20.5	22.0	21.0
MPV 457RR	19.5	19.9	18.8	19.2	19.9	20.6	18.9
AG4403	21.3	20.8	21.2	21.2	21.3	22.2	20.9
K1630RR	21.3	22.3	21.2	21.9	20.7	21.2	20.3
K1631RR	21.3	21.2	21.3	21.5	21.3	21.6	20.7
K03-2832 RR	20.3	19.9	20.3	20.0	19.8	22.5	19.2
Md 01-063 RR	19.5	19.7	20.1	19.1	19.3	20.1	18.9
Md 01-329 RR	20.0	20.0	19.9	20.1	19.5	20.9	19.5
Md 02-529 RR	21.3	21.3	20.8	21.1	20.5	23.6	20.2
Md 02-646 RR	19.9	20.2	19.2	19.7	20.0	21.2	19.3
Md 02-665 RR	19.0	19.0	19.1	18.6	19.1	19.6	18.6
Md 02-669 RR	20.5	21.4	19.5	19.9	19.8	21.9	20.5
S03-051RR	20.1	20.2	19.4	20.5	19.5	21.5	19.4
TN02-19RR	20.0	20.7	19.2	19.7	20.2	21.3	18.8