

THE UNIFORM SOYBEAN TESTS

NORTHERN REGION

2007



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

COOPERATING WITH
STATE AGRICULTURAL EXPERIMENT STATIONS
NORTHERN STATES



Agriculture
Research
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UNIFORM SOYBEAN TESTS

NORTHERN STATES

2007

USDA-ARS
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2007 UNIFORM SOYBEAN TESTS NORTHERN STATES

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

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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 Statements or data in the report, therefore, should not be published unless those concerned have obtained permission previously.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	MN1410	-4 to +4	Lambert (0)	IA1008 (SCN)
II	IA2068	-3 to +5	IA1021 (I)	IA3024 (L)
III	IA3023	-6 to +2	IA3024	Macon (L)
IV	LD00-3309	-4 to +7	Macon (III)	
00RR	RG700RR			AG0202
0RR	RG200RR		RG200RR	SD1111RR (L)
IRR	SD1611RR		SD1111RR (E)	AG2002
IIRR	AG2403		AG2002	NEX2905A0R (L)
IIIRR	AG3505		NEX2905A0R (E)	DKB3852
IVRR	AG4103		DKB38-52	AG4403

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

Lodging is rated at maturity according to the following scores:

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

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

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

Seed Quality is rated according to the following scores considering the amount and degree of wrinkling, defective seed coat (growth cracks), greenishness, and moldy or other pigment. Ratings for seed quality are:

1 -- Very good	2 -- Good	3 -- Fair	4 -- Poor	5 -- Very poor
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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, and then converted to a 13% moisture basis for the protein and oil tables.

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

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

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

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

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

- 1 = No shattering
- 2 = 1% to 10% shattered
- 3 = 10% to 25% shattered
- 4 = 25% to 50% shattered
- 5 = Over 50% shattered

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

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

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

DISEASE

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

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

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

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

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

Scores for northern stem canker (NSC) ratings represent the mean number of plants per plot killed by girdling stem canker lesions based on ten plants inoculated per plot. Plants were inoculated via toothpick method using South Dokata isolate DP-138 (Diaporthe phaseolorum var. caulivora).

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 2007

Variety	Experimental designation	Uniform Test evaluations
Sheyenne	ND01-3906	UT0 2006, PT0 2005
Dennison	HS1-3717	PTIII 2004
Wyandot	HF02-0005	PTII 2005
OHS 202 (branded release)	HF03-534	PTII 2005

Variety	Release date	Releasing states or Provinces	Foundation seed production
Sheyenne	Jan. 2007	North Dakota	2006
Dennison	Aug. 2006	Ohio	2006
Wyandot	Aug. 2006	Ohio	2006
OHS 202 (branded release)	Aug. 2007	Ohio	2007

2007 Soybean Cyst Nematode Evaluations

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

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

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

. = missing sample
 * = small root
 ** = too variable to rate

SCN population PA3 HG Type 0 (Race 3)

Indicator	Mean	Female	
		Index	
Lee	136		
Macon	143		
PI 548402	1	0	
PI 88788	1	0	
PI 90763	0	0	
PI 437654	0	0	
PI 209332	1	0	
PI 89772	0	0	
PI 548316	1	0	
PI1438489B	6	2	
Pickett	1	0	

SCN population U257 HG Type 2.5.7 (Race1)

Indicator	Mean	Female	
		Index	
Lee	404		
Essex	401		
PI 548402	1	0	
PI 88788	235	58	
PI 90763	0	0	
PI 437654	0	0	
PI 209332	305	75	
PI 89772	1	0	
PI 548316	345	85	
PI1438489B	18	4	
Pickett	4	1	

*retest

HG Type 0 (Race 3)				HG Type 2.5.7 (Race1)				Test
Entry	Line	Mean	FI Rating	Mean	FI	Rating		
2	Jim	83	61 NR	245	61	NR	UT 00	
3	Traill (0)	108	93 NR	389	96	NR	UT 00	
16	ND04-11421	39	29 MR	286	71	NR	UT 00	
17	ND04-11539	47	35 MR	78	64	NR	UT 00	
18	ND04-11549	74	54 LR	268	66	NR	UT 00	
19	ND04-11563	137	118 NR	316	78	NR	UT 00	
20	ND04-11603	78	57 LR	59	48	LR	UT 00	
22	ND04-11690	70	51 LR	76	62	NR	UT 00	
24	ND04-12541	66	49 LR	271	67	NR	UT 00	
25	ND04-13082	26	19 R	220	54	LR	UT 00	
1	Lambert	69	50 LR		73	NR	UT 0	
3	Surge	86	63 NR	216	53	LR	UT 0	
5	MN0902CN (SCN)	24	18 R	277	68	NR	UT 0	

HG Type 0 (Race 3)					HG Type 2.5.7 (Race1)			
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
19	ND03-7566	26	19	R	260	64	NR	PT 0
20	ND04-11538	94	69	NR	340	84	NR	PT 0
23	ND04-12567	24	18	R	290	72	NR	PT 0
24	ND04-12647	128	110	NR	258	64	NR	PT 0
1	MN1410	86	63	NR	415	103	NR	UT I
2	IA1022 (SCN)	26	19	R	261	65	NR	UT I
3	IA1021	92	68	NR	357	88	NR	UT I
13	U03-100612	101	74	NR	283	70	NR	UT I
8	A06-711011	58	50	**	295	73	NR	PT I
10	A06-711028	49	36	MR	330	82	NR	PT I
18	A06-712040	7	5	HR	345	85	NR	PT I
1	IA2068 (SCN)	16	12	R	379	94	NR	UT II
3	IA3024	106	78	NR	311	77	NR	UT II
7	LD01- 7323	19	14	R	264	65	NR	UT II
8	LD02- 4485	13	10	R	277	68	NR	UT II
9	LD02- 5025	31	27	MR	261	65	NR	UT II
10	LD02- 5320	17	13	R	315	78	NR	UT II
11	LD03-10504	39	29	MR	285	71	NR	UT II
19	U03-100141	120	88	NR	247	61	NR	UT II
20	U03-200317	94	69	NR	358	89	NR	UT II
21	U03-200319	109	80	NR	72	59	LR	UT II
23	U03-300134	103	76	NR	289	72	NR	UT II
7	A06-712008	100	74	NR	227	56	LR	PT IIA
8	A06-712018	31	23	R	363	90	NR	PT IIA
18	A06-912008	27	20	R	284	70	NR	PT IIA
4	LD05-16605	26	19	R	260	64	NR	PT IIB
21	U04-220639	82	61	NR	335	83	NR	PT IIB
22	U04-220739	77	57	LR	65	53	LR	PT IIB
1	IA3023	82	61	NR	325	80	NR	UT III
3	U98-311442 (SCN)	35	25	MR	232	57	LR	UT III
4	Macon (III)	79	68	NR	306	76	NR	UT III
10	LD01- 5907	3	2	HR	7	2	HR	UT III
15	LS01-1987	38	28	MR	362	90	NR	UT III
16	SS01-3769	29	21	R	198	49	LR	UT III
18	U03-400435	125	92	NR	276	68	NR	UT III

HG Type 0 (Race 3)					HG Type 2.5.7 (Race1)			
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
8	A06-911034	18	13	R	293	72	NR	PT IIIA
19	A06-912043	26	19	R	299	74	NR	PT IIIA
20	LD04-13193	26	19	R	261	65	NR	PT IIIA
21	LD04-13209	25	18	R	264	65	NR	PT IIIA
22	LD04-13265	26	19	R	297	73	NR	PT IIIA
23	LD05-16378	69	60	NR	48	39	MR	PT IIIA
24	LD05-16379	19	14	R	233	58	LR	PT IIIA
25	LD05-16386	57	42	LR	280	69	NR	PT IIIA
26	LD05-16388	12	9	HR	231	57	LR	PT IIIA
27	LD05-16413	15	11	R	226	56	LR	PT IIIA
28	LD05-16657	23	17	R	323	80	NR	PT IIIA
29	LD05-16808	42	36	**	312	77	NR	PT IIIA
30	LD05-16860	52	38	MR	60	49	LR	PT IIIA
31	LD05-16874	36	26	MR	241	60	NR	PT IIIA
37	LS04-05002	50	37	MR	253	63	NR	PT IIIA
38	LS04-05005	45	33	MR	259	64	NR	PT IIIA
39	LS04-17002	98	72	NR	64	52	LR	PT IIIA
40	LS04-27138	32	23	R	246	61	NR	PT IIIA
41	LS04-32045	49	36	MR	249	62	NR	PT IIIA
42	LS04-39033	56	41	LR	281	69	NR	PT IIIA
29	U04-200609	100	74	NR	270	67	NR	PT IIIB
30	U04-200625	111	82	NR	50	41	LR	PT IIIB
33	U04-300343	98	72	NR	215	53	LR	PT IIIB
40	U04-934039	74	55	LR	296	73	NR	PT IIIB
1	LD00- 3309	30	22	R	386	96	NR	UT IV
3	JTN-4107	17	13	R	264	65	NR	UT IV
4	JTN-4207	63	46	LR	203	50	LR	UT IV
7	LD00- 2817P	2	2	HR	7	2	HR	UT IV
8	LD02- 7222P	29	21	R	312	77	NR	UT IV
9	LD02- 9050	29	22	R	307	76	NR	UT IV
15	LS02-2213	15	11	R	30	24	**	UT IV
16	LS03-4993	20	14	R	232	57	LR	UT IV
17	LS04-09119	15	11	R	182	45	LR	UT IV
18	LS04-30080	33	25	MR	200	49	LR	UT IV
19	LS04-32004	65	56	**	329	81	NR	UT IV
20	LS04-39085	32	23	R	322	80	NR	UT IV
21	LS04-42090	29	21	R	151	37	MR	UT IV
22	LS04-49077	22	16	R	198	49	LR	UT IV
29	U04-200637	122	90	NR	355	88	NR	UT IV

HG Type 0 (Race 3)				HG Type 2.5.7 (Race1)				
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
1	RG200RR	95	70	NR	66	54	LR	UT 00 RR
15	ND04- 7624	19	14	R	316	78	NR	UT 00 RR
14	ND04-7621	40	34	MR	344	85	NR	UT 00 RR
16	ND04-7627	30	22	R	307	76	NR	UT 00 RR
19	ND04-9235	79	68	NR	240	59	LR	UT 00 RR
10	ND04-7617	35	25	MR	228	56	LR	PT 0RR
18	ND04-24208	110	81	NR	462	114	NR	PT 0RR
19	ND04-24209	106	78	NR	401	99	NR	PT 0RR
20	ND04-24592	100	74	NR	380	94	NR	PT 0RR
1	SD1161RR/SCN	17	13	R	338	84	NR	UT IRR
3	MN1803RR	64	47	LR	65	53	LR	UT IRR
4	AG2002	28	21	R	255	63	NR	UT IRR
13	SD03-3038R	124	91	NR	302	75	NR	UT IRR
1	AG2403	105	77	NR	316	78	NR	UT IIRR
3	AG2603	29	21	R	292	72	NR	UT IIRR
1	AG3505	37	27	MR	307	76	NR	UT IIIRR
3	NEX3305B0R	129	111	NR	289	71	NR	UT IIIRR
4	DKB 38-52 (SCN)	36	26	MR	259	64	NR	UT IIIRR
22	SS01-14319	38	28	MR	51	41	LR	UT III RR
1	AG4103	24	18	R	300	74	NR	UT IV RR
3	AG4403 (SCN)	71	61	NR	205	51	LR	UT IV RR
11	SS01-17773	20	15	R	280	69	NR	UT IV RR

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
A1	Anoka x Mack
A2	M63-17 x C1453
A4	L15 x AP68-1016
A13	Selection from AP9 Fe (S 1) C7
A29	1%-linolenic plant selection developed by Iowa State University
A55-5629-4	Roanoke x Hawkeye
A71-555-8-1	D94-2491 (4) x AX162-12
A72-507	Amsoy x Wayne
A72-512	Amsoy x Wayne
A75-204018	IVR4731 x Wirth
A76-304020	(Beeson x AP68-1016) x (L15 x Calland)
A78-123018	Pride B216 x Hodgson
A94-770016	A90-314041 x IA: A94-770016
A78-121014	Pride B216 x Hodgson
A97-771039	A92-627030 x ORC 9205
A97-770012	Northrup King S20-20 x Asgrow A2234
A81-151026	A75-204018 x Century
A81-356022	Century x A76-304020
A85-182007	Vinton 81 x Hardin
A82-267015	AP6MTW 2YT (F4) C2
A83-271027	NK S1492 x Asgrow A3127
A85-182007	Vinton 81 x Hardin
A86-186011	AP9 populations
A86-204022	Hack x Zane
A86-301024	A81-356022 x Hack
A87-187020	Jacques J103 x A81-151026
A87-395012	Fayette x Asgrow A3659
A89-246006	A85-182007 x [(Vinton 81 x Pride B216) x A82-267015]
A90-314041	(Hill Seed 2700 x LS301) x LS201
A91-501002	AP2190 x A86-301024
A92-525014	IA2008 x Kenwood
A92-535059	Asgrow A2187 x [(A86-186011 x DSR 252) x A87-187020]
A92-625002	Kenwood x LN86-1947
A93-751019	A89-246006 x LS301
A94-770314	Pioneer P9303 x A87-395012
A96-246029	IA2033 x AgriPro AP1995
A96-492041	Northrup King S24-92 x Northrup King S19-90
A96-492058	IA3003 x Northrup King S24-92
A96-494018	Northrup King S24-92 x A91-501002
A96-691030	AP 3035 x Pioneer P9273
A96-591033	IA3003 x Pioneer9273
A96-591076	Pioneer P9273 x NK S24-92
A97-770051	Pioneer 9273 x (A92-535059 x IA1006)
A97-772024	IA1006 x A92-625002
A97-874007	A93-751019 x IA3006
A97-874014	A93-751019 x IA3006
A97-973002	LN90-4366 x IA3005
A98-781041	Pioneer P9204 x Pionerr P9281
A98-983013	A94-770016 x (IA1007 x P9304)
A01-409031	A97-874007 x AgriPro 1995
A00-712040	NK S20-91 x AP3355
A01-409003	A97-874014 x A96-492041
A01-611037	A97-874014 x A96-492058
A02-136031	NE1900 x Pioneer XB28V99

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
A02-236010	NE1900 x Pioneer XB28V99
A02-237015	NE1900 x Pioneer XB28V99
A02-336040	NE1900 x Dairyland 94197
A02-337046	A98-983013 x Dairyland 97026
A02-338039	Dairyland 88504-11 x IA2053
A02-338043	IA2062 x Pioneer XB28V99
AP2190	unknown
AP3355	unknown
AP68-1016	Clark(5) x PI 84.946-2
AG02-6	
AG03-1	
AGP02-1	
AGP02-5	
AGP02-7	
Agripro XC32Y06	
Agripro AP26	Beeson x Calland
Agripro AP1490N	
Agripro AP1989	Agripro AP26 x Vickery
Agripro AP1995	Agripro AP1989 x Asgrow A3427
Agripro AP2918	Unknown
Agripro AP3035	Unknown
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 A2575	C1453 x Amsoy 71
Asgrow A3127	Williams x Essex
Asgrow A3205	Northrup King S 1474 x Asgrow A3127
Asgrow A3322	
Asgrow A3427	Northrup King S1474 x Asgrow 3127
Asgrow A3659	Williams x Essex
Asgrow A3860	
Asgrow A3966	
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 A4715	Asgrow A5474 x (Douglas x Asgrow A3127)
Asgrow A5474	(Tracy x D71-6234) x J74-122
Asgrow A9243	A1564 x A3127
APX04-76-6	SD01-76R(4) x Dowling
AX56P64-1	Adams x Harosoy
AX162-12	Ford x PI68.708
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
C1727	M2 selection from Century
C1732	Century x Harper
C1842	(Spencer(2) x Pella) x Resnik
C1944	CX1517-171
C1981	Olympus x CX1307-205
CX1307-205	Cutler 71(5) x Pando

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
CX1517-171	CRS-998-24-1 x C1727
CX1834-1-2	Athow x M153-1-4-6-14
CM497	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
DSR 252	Unknown
Dairyland DSR-304	Williams x Unknown
Dairyland 88504-11	
Dairyland 94197	
Dairyland 97026	
Dairyland 99294	
Dairyland 99345-31	
Dairyland 99433	
Dairyland 99509	
Dairyland 99540	
Dairyland 99543	
Dairyland 99622	
Dairyland 99630	
Dairyland 99659	
Dairyland 99669	
D94-2491 (4)	S100 x CNS
DK4762	
E93424	Asgrow A2943 x NK S23-12
HC83-4532BC	L7413-634 x Hobbit
HC84-553-1	Hobbit x K74-104-76-205
HC97-545	HC88-4532 BC x Charleston BC
HC99-2763	
Holmberg 840-7-3	PI 438.475
HM8536	HW79149 x Higan
HS84-6224	HW79015 x HW79149
HS88-4906	Conrad x Hayes
HS88-4909	Conrad x Hayes
HS88-4988	Winchester x A83-271027
HS88-6786	Conrad(2) x PI 360.844
HS90-37100	HS84-6224 x Conrad
HS91-4825	Burlison x A86-301024
HS93-135	HS88-6786 x HS88-4988
HS93-4118	IA2007 x Dairyland DSR 304
HS96-3332	Parker x HS90-37100
HS96-3347	P9268-003 x Vertex
HS98-3407	
HS98-3628	Defiance x HS91-4825
HS99-4045	General(2) x HS93-135
HW79015	A72-512 x Oakland
HW79149	(A72-507(6) x A1) x (A72-507(5) x PI82.263.2)
IVR 1120	Provar x (AX56P64-1 x PI 191.110-1)
IRV Ex4731	Amsoy x Wayne
IX93-100	A71-555-8-1 x L61-344
J74-122	Forrest(3) x PI 88.788
Jacques J103	Clay x Williams
K1410	KS4694 x C1842

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
K1235	Hutcheson x Asgrow A3966
K1277	Hutcheson x Asgrow A3966
K01-179	K1410 x K97-135
K01-187	K1425 x K97-135
K02W-3	KS5502N x K01-187
K03W-106	KS5502N x K02W-3
K74-104-76-205	Tracy x Williams
K97-34	K1235 x RR
K97-39	K1277 x RR
K97-132	K1235 x K97-34
K97-135	K1277 x K97-39
K99-14	IA3010 x STS
K99-128	KS4997 x IA3004
K00-69	K99-14 x A97-973002
K00-75	K99-46 x SS96-10704
K00-85	SS96-10704 x K99-128
KW2-2	K1410 x K01-179
L1-5	Century (5) x PI408.251
L15	Wayne(6) x Clark 63
L57-0034	Clark x Adams
L61-344	Harosoy x T117, Dt2
L70-2283	Custer x Chippewa
L73-4673	Corsoy x L57-0034
L74-3897	Williams x Beeson
L75-8020	Williams x L70-2283
L77-443	Union x L75-8020
L77-906	Williams x PI 209.332
L77-994	Williams x PI 88.788
L78-189	Corsoy x Kingwa
L78-379	Williams x PI 96983
L97-26569	Yale x Macon
LD00-4970	Maverick x Dwight
L85P-558	L73-4673 x Fayette
LG82-8224	PI68658 x Lawrence
LG82-8379	PI 68508 F4 x FC0407B
LG84-1291	PI 68.552 x Hobbit
LG85-3343	PI 361094 x PI 407710
LG87-1991	PI 189930 x PI 68600
LG88-2227	A78-123018 x PI438205B
LG88-3146	F6 LG82-8224 x Hobbit
LG89-1525	PI 90.566-1 x L74-3897
LG90-4181	F6 PI 436682 x Lawrence
LG13144	PI427099 x PI445830
LG91-7350R	BSR101 x LG82-8379
LG92-1255	LG84-1291 x A3127
LG94-1128	LG85-3343 x LG87-1991
LG94-1906	PI 468.377 x Asgrow A3205
LG97-5474	P6906-16 x P5096-03D
LG97-8856	LG90-13144 x LG88-3146
LG97-8905	LG89-6607 x LG88-2227
LG97-8789	LG88-3146 x P5096-03D
LG97-9912	LG90-4181 x A3322
LG97-9692	LG89-1525 x Asgrow A3322
LN80-7532	Century x A76-304020

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
LN85-6800	LNx8132 x LN80-7532
LN86-4668	Fayette x Hardin
LN86-19747	PI 437.833 x Elgin
LN90-4366	LN86-4668 x Resnik
LN92-7369	Burlison x C1732
LN93-14408	Burlison x LN85-6800
LN95-872	HS88-4906 x Resnik
LN95-5454	Jack x IA3003
LN97-14727	LN90-4366 x Cisne
LN97-24270	Jack x Macon
LN97-26597	Yale x Macon
LN98-4909	Yale x Savoy
LNx8132	Hack x A78-121014
LS201	unknown
LS301	unknown
LS87-1922	Fayette x Pyramid
LS90-1920	Essex x Fayette
LS93-0375	Asgrow A3935 x Pioneer P9402
LS94-3207	Pharoh x Hartwig
LS95-0709	DeKalb 469c x L87-1922
LS96-0735	Flyer x Asgrow A4715
LS97-3718	Flyer x Asgrow A4138
LS98-9582	NK46-44 x A4138
(M01-303)F1	L78-379 X MN0302
M153	M 153 mutation line.
M319W	Lincoln x Hawkeye
M402	Renville x Cappital
M406	Harosoy x Norchief
M42-37	Lincoln (2) x Richland
M54-110	Harosoy x Norchief
M54-139	Renville x Capital
M54-240	Korean x M42-37
M59-120	M54-240 x M54-139
M62-263	Grant x M319W
M63-17	M402 x M54-110
M63-194	Corsoy x PI 132.207
M64-3	Traverse x PI 196.163
M68-49	Evans x M59-120
M68-201	Evans x Steele
M68-303	M60-406 x Beeson
M60-406	Blackhawk x Harsoy
M69-20	Merit x Clay
M70-9	M64-3 x Amsoy 71
M71-38	Wilkin x M62-263
M74-23	M68-49 x Hodgson
M74-227	M68-49 x M63-194
M74-337	Evans x NK 9436
M74-394	Hodgson x Wells
M75-89	Corsoy x M68-303
M76-65	M69-20 x McCall
M81-99	M70-9 x M68-201
M83-18	A2 x Hodgson 78
M83-64	M74-227 x L78-189
M83-499	M71-38 x L78-189

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
M83-766	Evans x M74-394
M86-1973	M75-89 x L77-906
M87-346	M76-55 x Simpson
M88-207	M81-99 x Hardin
M88-504	M83-499 x M83-18
M90-1279	BSR101 x Kato
M90-1437	Dawson x HM8536
M90-184111	L85P-558 x M86-1973
M91-564	M74-337 x M74-23
M91-821	M83-766 x Leslie
M92-185003	Archer x Glacier
M92-191023	M88-504 x Kenwood
M92-270029	M87-227 x M87-346
M94-161045	IA1006 x Agassiz
M95-265009	!A2008R x Lambert
M96-134102	Hendricks(2) x Resnik
M96-136086	ND(M)90-370(2) x Resnik
Md00F2Rw11-2	Manokin(Stressland x [(Manokin -742) x (Manokin BC2 x NC565)])
MD95-5358	S88-19561 x Corsica
MD96-5722	KS4694 x Corsica
MN1504RR	Lambert x Lamb/ResnikBC2F2
MN1803RR	Parker x Park/ResnikBC2F2
MN0206RR	Lambert x Lamb/ResnikBC2F2
N96-6809	
N97-3363-3Tn12	Hi oleic acid selection from NC line.
ND88-686	Evans x Bicentennial
ND88-800	Maple Amber x Evans
ND92-2381RR	ND92-2381(3) x Resnik(RR)
ND92-2381	M83-64 x Pioneer 9061
ND95-938	ND88-800 x Pioneer 9061
ND95-6634	Alpha x OT90-9
ND96-1006	Glacier x Council
ND99-0408	M91-564 x Pioneer 9092
ND99-0413	M91-564 x Pioneer 9092
ND99-2169	M91-564 x Pioneer 9092
NK S32-Z3	
NK S38-T8	
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 S20-91	Unknown
Northrup King S24-92	Asgrow A3127 x [(IVR 1120 x Calland) x (Mitchell x Cutler 71)]
Northrup King S39-11	
Northrup King S46-44	
Northrup King 9436	Northrup King Co.
OAC88-09	OAC Thames
OAC98-01	OAC Frontier x ND88-686
OAC98-12	92546-01td x OAC Bayfield
OAC92-08	OAC86-07 x OT84-12
OAC99-21	M88-207 x OAC92-08
OAC99-36	OAC Bayfield x Marcus BC
OAC 00-01	OAC Bayfield x (OT89-16 x OAC Shire)

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
OAC 00-17	A92-525014 x OAC Vision
ORC 9205	Conrad x RCAT Alliance
ORC 9002	A81-151026 x Eglin
ORC 9803	PS 42 x Northrup King S20-20
ORC 9808	Pioneer 9273 x Pride B152
OT89-16	AC Proteus
OT90-9	(Thompson 7803 x BD22115-13) x McCall
OT99-2	{(AC Bravor x RAGT86L579) x Ac Harmony}
OT92-8	Baron x Maple Donovan
P5096-03D	[PI80471 x PI86050] x [Wms 79 (2) x A3127]
P6906-16	A3127x PI 273.483
P9268-003	PI 92718.2 x Pioneer P9271
Peterson 85	Provar x (Amsoy x PI 248.404)
Pioneer P1677	Rampage x Corsoy (2)
Pioneer P9061	Wells x Pioneer P1677
Pioneer P9071	Pioneer P9061 x Pioneer P9181
Pioneer P9091	Peterson 85 x P1677
Pioneer P9092	Pioneer P9061 x S15-50
Pioneer P9151	Pioneer brand
Pioneer P1963	Pioneer brand
Pioneer P9172	Pioneer brand
Pioneer P9181	Beeson x Williams
Pioneer P9092	Pioneer P9061 x S15-50
Pioneer P9204	
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 P9304	
Pioneer P9341	CM304 x Asgrow A3127
Pioneer P9402	(L77-994 x Asgrow A3127) x L77-994
Pioneer 92B12	
Pioneer 93B82	
Pioneer 91M10	
Pioneer 92M10	
Pioneer XB28V99	
Pride B152	Northrup King S 1346 (6) x Mack
Pride B216	Corsoy x Wayne
PR 9817	
PS42	Ablett
Soygenetics 97-31055	Unknown
Soygenetics 97-39372	Unknown
Syngenta S16-Y6	
Syngenta S18-N5	
Syngenta S25-J5	
RCAT 99-01	NK S24-92 x RCAT Bobcat
S02-583CR	LS94-3207 x DK4762
S02-586CR	DK4762 x Anand
S02-611CR	DP-5960RR x Anand
S1492	Corsoy x Wayne
S15-50	(Mack x Corsoy x B216(2)) x (S1492 x Lee 74)
S86-4499	(L77-443x L77-906) x Pella
SD01-76R	(Stride x ResnikRR) x Stride

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
SD1081 RR	Hendricks (4) x Resnick RR
SD1091RR	Surge (5) x Resnick RR
SD87-001	Fiskeby x IX93-100
SD92-1272	Sibley x Kato
SD93-828E	Parker x Archer
SD93-828	Parker x Archer
SD93-828R	SD93-828(4) x Resnik RR
SD93-1040RR	Parker x Sibley
SD93-1043	(Parker x Sibley) x Resnik RR
SD93-1208RR	SD93-1208 (4) x Resnick RR
SD94-186	Silby x Acher
SD94-782	ORC 9002 x Agassiz
SD94-808	Parker x Archer
SD94-1370	SD87001 x Leslie
SD96-33	IA2008 x Hendricks
SD96-77	IA2008 x Ozzie
SD96-119	IA2008 x HS88-4909
SD96-702	ORC 9002 x Ozzie
SD96-782	ORC 9002 x Agassiz
SD96-2156	Parker x SD(M)91-1574
SD97-2998	SL91-1574M x PI438.025
SD98-74-16-1	SD92-1272M x PI 438.025
SD99-007R	SD94-186 x SD93-1208RR
SD99-009R	SD94-808 x SD93-1040RR
SD99-011R	SD94-808 x SD93-1040RR
SD99-018R	SD94-1370 x SD93-1208RR
SD99-034R	
SD(M)91-1574	L1-5 x Glenwood
SD(ND)95-1663	Parker x Pioneer 9061
SDX00R-039-42	IA2021 x SD93-828R
SL91-1574M	L15 x Glenwood
SN94-4337	Jack x Pioneer P9341
S88-19561	Forrest(3) x PI437.654
SS94-7482	Pioneer P9341 x S86-4499
SS94-7546	Pioneer 9341 x S86-4499
SS96-10704	Northrup King S39-11 x Asgrow A4715
STS	STS source from Dupont
Thompson 7803	Wells x Williams
T117, Dt2	AK114 (from AK) x PI65.394
U91-2519	A86-204022 x HC84-553-1
U94-2306	Holt x Dairyland DSR 304
U96-2208	Colfax x A91-701035
U96-3640	IA3001 x U91-2519
U97-2104	MSBP3F6
U97-3114	MSBP3F6
U97-201128	NE3399 x UP1FE-95-9
U97-207134	A94-77014 x Bell
U97-207904	
U98-205355	A94-773014 x Bell
U98-307917	U94-2306 x A92-77021
U98-311442	A94-773014 x Bell
U98-311442	A94-773014 x Bell
U99-009019	MSBP6S4
U00-429029	NE3001 x U96-3640

IDENTIFICATION OF PARENT STRAINS 2007

Strain	Parentage
UP1Fe (S1) C7-150	S1 line intermated population
UP1Fe-30	G. Graef population
UP1FE-95-9	G. Graef population
UP2PC2-12-10	G. Graef Intermated population
UP3PC2-56-2	G. Graef Intermated population
UP3YC1S3	G. Graef Intermated population
UP3YC2S2	G. Graef Intermated population
UX1593	LN92-7369 x Japan Black
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
4-24	Olympus x RR
40-3-2	Monsanto transformed glyphosate line.
92546-01td	Tall dt x OAC88-09 e. Cobers PhD Thesis

2007 UNIFORM AND PRELIMINARY TEST LOCATIONS

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

2007 UNIFORM AND PRELIMINARY TEST LOCATIONS

Location	Tests Conducted By:	Uniform Tests						Preliminary Tests				Uniform Tests RR						Prelim. RR			
		00	0	I	II	III	IV	0	I	II	III	00	0	I	II	III	IV	0	I		
NE	Beemer	G. Graef / L.Korte			X	<u>X</u>				X	X										
	Cotesfield	G. Graef / L.Korte			<u>X</u>	X				<u>X</u>	<u>X</u>										
	DeWitt	G. Graef / L.Korte					<u>X</u>					<u>X</u>								<u>X</u>	
	Mead	G. Graef / L.Korte			X	X				X	X									X	
	North Bend	G. Graef / L.Korte					X													X	
	Stevens Creek	G. Graef / L.Korte					X	<u>X</u>				X								X	
ND	Casselton	T. Helms	<u>X</u>	<u>X</u>					*						<u>X</u>	<u>X</u>				<u>X</u>	
	Northwood	T. Helms	*																		
OH	Hoytville	S. St. Martin/McIntyre				<u>X</u>	<u>X</u>				X	<u>X</u>									
	Wooster	S. St. Martin/McIntyre				*	*														
	St. Charleston	S. St. Martin					<u>X</u>													<u>X</u>	
	Mason							<u>X</u>													
ONT	Chatham	G. Ablett			X	X														X	
	Dundalk	I. Rajcan	<u>X</u>																		
	Elora	I. Rajcan	<u>X</u>																		
	Harrow	V. Poysa				<u>X</u>					<u>X</u>										
	Ottawa	E. Cober	<u>X</u>	<u>X</u>					<u>X</u>					<u>X</u>	<u>X</u>					<u>X</u>	
	Palymra	G. Ablett								X											
	St. Pauls	I. Rajcan		<u>X</u>					<u>X</u>												
	Woodstock	I. Rajcan		<u>X</u>					<u>X</u>					<u>X</u>							
QUE	St. Mathieu	P. Turcotte	<u>X</u>	<u>X</u>					<u>X</u>												
	St. Hyacinthe	P. Turcotte			<u>X</u>					<u>X</u>				<u>X</u>	<u>X</u>	<u>X</u>				<u>X</u>	<u>X</u>
SD	Aurora	R. Scott		<u>X</u>	<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>	<u>X</u>				<u>X</u>	<u>X</u>
	Beresford	R. Scott														<u>X</u>					
	Watertown	R. Scott												<u>X</u>	<u>X</u>					<u>X</u>	<u>X</u>
TN	Jackson	P. Arelli						*												<u>X</u>	
X	Location With Agronomic Data		9	8	14	17	16	13	7	12	11	11	6	8	9	11	12	13	7	8	
<u>X</u>	Location With Seed Composition Data		8	8	9	12	9	8	6	8	7	8	6	8	8	7	6	6	7	8	
*	Location data not submitted.																				

2007 DISEASE, SHATTERING, AND DESCRIPTIVE DATA

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

Uniform Test 00, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	MN0071 (00)	Harmony x OT92-8	7	F5	Rps1
2.	Jim	Sigco KG20 x M81-18	7	F5	
3.	Traill (0)	M82-996 x Sigco KG20	12	F5	
4.	M00-307055	M92-270029 x M93-313185	1	F5	Rps1
5.	M01-269047	Traill x MN1401	new	F5	WMold Rps 1
6.	ND02-863	Barnes x Korada	new	F4	Rps6
7.	ND02-892	Barnes x Korada	new	F4	Rps6
8.	ND02-2019	Sargent x ND96-1006	2	F4	Rps6
9.	ND02-3783	ND95-938 x Korada	2	F4	Rps6
10.	ND03-6782	Walsh x AC Orford	1	F4	Rps6
11.	ND03-6793	Walsh x AC Orford	1	F4	Rps6
12.	ND03-6807	Walsh x AC Orford	1	F4	Rps6
13.	ND03-7267	Walsh x MN0902CN	1	F4	Rps6
14.	ND04-9434	Walsh x (Traill x AC Oxford)	new	F4	Rps6
15.	ND04-9594	Traill x Glacier	new	F4	Rps6
16.	ND04-11421	(SD96-702 x Loda) x MN0902CN	new	F4	SCN
17.	ND04-11539	(IA1009 x Sargent) x MN0902CN	new	F4	SCN, Rps6
18.	ND04-11549	(IA1009 x Sargent) x MN0902CN	new	F4	SCN, Rps6
19.	ND04-11563	(IA1009 x Sargent) x MN0902CN	new	F4	SCN
20.	ND04-11603	(IA1009 x Sargent) x MN0902CN	new	F4	SCN, Rps6
21.	ND04-11674	M94-161045 x (Barnes x IA1009)	new	F4	Rps6
22.	ND04-11690	M94-161045 x (Barnes x IA1009)	new	F4	SCN
23.	ND04-12435	Walsh x (Traill x Surge)	new	F4	Rps6
24.	ND04-12541	Sargent x MN0902CN	new	F4	SCN, Rps6
25.	ND04-13082	Walsh x MN0902CN	new	F4	SCN
26.	ND04-13386	Barnes x SD96-33	new	F4	Rps6
27.	OAC 05-02	OAC 00-17 x RCAT Angora	1	F5	

UNIFORM TEST 00, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis		Green Stem	Shattering	PR	
		Score		Score	Score	Lafayette	
		Granite Falls MN	Wilkin County MN	St. Mathieu Que	Manhattan KS	Race 4	Race 7
MN0071 (00)	PTBIYBrI	3.0	3.0	1.0	2.0	S	S
Jim	PGBDYI	3.0	3.0	1.0	1.0	S	S
Traill (0)	PTBIYI	2.5	2.8	1.5	1.0	S	S
M00-307055	PGBDYIbI	2.5	2.5	2.0	1.0	S	S
M01-269047	PTTDYBI+BrI	2.5	2.5	1.5	1.0	R*	R*
ND02-863	PGBDYI	2.8	2.5	2.5	2.0	S*	R*
ND02-892	PT+GBDYBr+BfI	3.3	2.8	1.5	2.0	S*	R*
ND02-2019	P+WTBIYI	3.0	2.5	2.5	2.0	R	S
ND02-3783	PTBDYBr+YI	2.8	2.3	2.5	2.0	R	R*
ND03-6782	PTBIYI	2.8	3.0	2.0	1.0	R	S
ND03-6793	PGBIYI	2.3	3.0	1.0	2.0	R	S
ND03-6807	PT+GBIYI	2.5	2.8	2.5	1.0	R	S
ND03-7267	WTBDYI	3.0	2.5	3.0	1.0	R	S
ND04-9434	PGBDYI	2.5	2.8	1.5	1.0	S	S
ND04-9594	PGBDYI	2.5	2.8	2.5	1.0	R	S
ND04-11421	PTB+TIYBr+YI	3.0	2.5	3.0	2.0	S	S
ND04-11539	PGBDYBI	3.0	3.0	1.5	1.0	R	S
ND04-11549	PGBDYBI	2.5	3.3	1.5	2.0	R	S
ND04-11563	PGBDYI	3.0	2.8	1.0	1.0	R*	R*
ND04-11603	PGBDYI	3.3	3.5	1.0	1.0	R	S
ND04-11674	WGBDYI	3.3	2.5	2.5	2.0	R	S
ND04-11690	WGBDYBI	2.5	2.8	3.5	2.0	S	S
ND04-12435	PGBDYI	3.0	2.5	1.5	1.0	R	S
ND04-12541	W+PTBDYI	2.5	2.5	2.5	1.0	R	S
ND04-13082	W+PTB+TDYI	2.8	2.5	2.5	1.0	R*	S
ND04-13386	PGBDYBI	3.3	3.3	1.0	2.0	R	S
OAC 05-02	WTBDYI	2.5	3.0	1.5	3.0	S	S

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

UNIFORM TEST 00, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 9 Date	Lodging 7 Score	Plant Height 6 In	Seed Size 8 g/100	Seed Quality 8 Score	<u>Composition</u>	
								Protein 8 %	Oil 8 %
MN0071 (00)	41.3	14	9/8	1.1	28	14.9	1.4	32.8	18.7
Jim	41.5	13	2.3	1.3	26	15.3	1.4	33.8	17.4
Traill (0)	44.8	6	6.2	1.2	29	15.3	1.4	34.4	17.7
M00-307055	47.5	1	6.0	1.2	28	12.7	1.4	32.8	18.8
M01-269047	42.6	10	7.9	1.1	28	14.8	1.6	34.0	18.1
ND02-863	38.4	26	3.7	1.1	24	15.9	2.7	34.8	17.7
ND02-892	45.6	4	9.6	1.1	26	15.2	1.6	31.9	19.0
ND02-2019	39.5	22	3.1	1.2	26	16.4	1.4	33.2	17.7
ND02-3783	38.2	27	0.8	1.1	23	17.5	1.7	33.9	18.6
ND03-6782	41.1	15	4.7	1.2	30	16.6	1.5	32.3	18.8
ND03-6793	40.0	19	1.8	1.1	28	17.9	1.8	34.1	18.5
ND03-6807	45.0	5	8.8	1.3	31	15.1	1.4	32.5	18.2
ND03-7267	40.8	18	5.3	1.2	31	14.4	1.4	33.6	17.7
ND04-9434	41.1	15	8.8	1.4	28	15.0	1.5	33.6	18.3
ND04-9594	39.2	23	4.8	1.3	29	15.2	1.4	33.8	17.9
ND04-11421	44.5	7	10.3	1.1	28	15.7	1.4	35.4	17.3
ND04-11539	42.7	9	7.3	1.5	33	12.3	1.4	33.1	18.0
ND04-11549	41.0	17	1.7	1.3	29	13.6	1.7	32.5	18.6
ND04-11563	40.0	19	6.9	1.0	25	16.9	1.9	31.7	19.0
ND04-11603	42.4	11	6.9	1.1	26	17.0	1.7	32.3	19.3
ND04-11674	46.9	2	8.2	1.2	31	15.5	1.6	32.9	18.3
ND04-11690	39.1	24	8.8	1.5	30	15.7	1.7	33.9	18.9
ND04-12435	39.8	21	7.4	1.2	28	15.3	1.4	33.1	18.7
ND04-12541	43.1	8	10.8	1.1	29	16.0	1.6	34.5	17.6
ND04-13082	38.7	25	8.7	1.3	27	13.6	2.0	35.1	17.5
ND04-13386	46.4	3	10.7	1.3	32	15.1	1.4	32.0	19.1
OAC 05-02	41.9	12	5.1	1.3	28	13.3	1.4	33.3	19.0

111.8 Days After Planting

UNIFORM TEST 00, 2007

2006-2007 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.	15 Date	13 Score	12 In.	14 g/100	14 Score	13 %	13 %
MN0071 (00)	42.4	11	9/7	1.1	28	15.6	1.3	33.1	18.9
Jim	45.6	5	3.1	1.2	27	16.5	1.3	34.0	17.5
Traill (0)	47.4	2	7.4	1.2	30	16.6	1.3	35.3	17.5
M00-307055	50.7	1	7.3	1.2	30	13.4	1.3	33.6	18.5
ND02-2019	44.3	8	3.8	1.1	27	17.3	1.5	33.2	18.0
ND02-3783	42.9	10	1.6	1.0	24	18.2	1.7	34.1	18.7
ND03-6782	45.2	7	7.1	1.1	30	17.5	1.4	33.1	18.6
ND03-6793	43.0	9	3.6	1.0	29	18.6	1.6	34.5	18.5
ND03-6807	46.0	4	9.3	1.2	32	15.8	1.3	33.3	18.0
ND03-7267	45.5	6	8.3	1.2	31	15.1	1.4	33.9	17.6
OAC 05-02	47.3	3	8.4	1.3	30	14.6	1.3	33.7	19.0

109.4 Days After Planting

2005-2007 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	22	22	21	21	20	20	20	17	17
MN0071 (00)	42.9	5	9/7	1.1	28	15.6	1.2	33.2	19.0
Jim	45.5	3	1/2	1.2	27	16.2	1.3	34.1	17.6
Traill (0)	46.8	1	6.7	1.2	29	16.3	1.2	35.1	17.7
ND02-2019	45.6	2	3.3	1.1	27	17.1	1.4	33.3	18.1
ND02-3783	43.8	4	1.0	1.1	24	17.9	1.6	34.2	18.7

109.4 Days After Planting

UNIFORM TEST 00, 2007

YIELD (bu/a)

Strain	Mean 8 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton* ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
MN0071 (00)	41.3	65.4	40.5	41.3	35.8	48.0	36.9	28.2	40.8	41.4
Jim	41.5	63.0	41.5	36.8	44.5	53.7	41.3	36.3	40.1	28.7
Traill (0)	44.8	62.0	40.5	42.5	46.9	51.4	44.3	33.5	43.5	45.1
M00-307055	47.5	72.9	45.9	49.5	36.3	53.4	50.4	36.1	39.3	49.3
M01-269047	42.6	68.5	41.5	46.7	35.5	51.7	40.0	29.2	36.9	42.6
ND02-863	38.4	61.9	38.5	38.0	32.1	56.1	44.9	16.6	36.1	39.1
ND02-892	45.6	65.4	44.6	46.8	33.6	57.1	47.8	31.4	42.4	52.5
ND02-2019	39.5	62.8	40.7	42.7	15.7	52.2	43.1	29.4	41.0	40.6
ND02-3783	38.2	63.8	42.6	35.6	29.9	52.0	38.2	21.1	31.8	42.6
ND03-6782	41.1	61.7	41.1	40.3	29.7	53.3	45.8	26.8	40.4	43.3
ND03-6793	40.0	65.8	44.2	40.0	27.8	49.0	44.1	21.3	37.6	39.0
ND03-6807	45.0	68.7	43.0	41.8	33.3	52.4	46.7	37.6	44.0	45.0
ND03-7267	40.8	58.6	41.9	38.9	35.2	52.0	41.4	23.1	35.6	51.8
ND04-9434	41.1	61.8	35.3	42.5	31.6	50.6	39.2	29.5	40.3	49.0
ND04-9594	39.2	64.4	36.8	42.3	29.6	52.1	36.0	30.4	37.7	36.5
ND04-11421	44.5	59.7	39.8	51.9	34.8	53.5	43.5	32.5	40.5	53.2
ND04-11539	42.7	57.7	38.2	48.6	37.3	53.3	35.2	35.0	39.6	50.3
ND04-11549	41.0	67.2	45.1	47.4	20.1	55.7	38.8	32.7	35.7	40.7
ND04-11563	40.0	51.6	38.7	42.9	28.5	55.9	46.2	29.6	40.4	42.4
ND04-11603	42.4	62.4	41.5	44.7	38.1	52.7	45.1	25.8	45.5	36.1
ND04-11674	46.9	71.5	46.4	50.4	39.4	54.8	52.8	21.1	43.1	50.3
ND04-11690	39.1	54.7	37.1	44.4	30.8	47.6	41.8	22.5	33.5	48.2
ND04-12435	39.8	53.5	42.6	38.7	31.8	54.3	39.0	27.9	35.0	49.7
ND04-12541	43.1	54.2	44.4	50.7	27.5	56.8	40.5	34.2	40.3	53.1
ND04-13082	38.7	64.3	34.1	43.1	38.6	46.8	39.7	22.0	31.0	36.6
ND04-13386	46.4	67.2	42.5	50.9	35.9	54.3	41.4	27.1	41.5	64.6
OAC 05-02	41.9	70.2	41.8	50.3	36.8	46.6	37.7	30.0	46.6	21.7
C.V. (%)		6.5	9.4	9.0	10.9	30.0	7.2	13.7	7.4	7.9
L.S.D. (5%)		5.6	6.3	6.5	6.0	6.1	4.2	9.3	5.1	7.2
Row Sp. (in.)		8	12	10	10	6	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

UNIFORM TEST 00, 2007

YIELD RANK

Strain	Yield Rank	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
MN0071 (00)	14	9	18	20	10	24	25	16	9	18
Jim	13	14	13	26	2	9	16	2	15	26
Traill (0)	6	17	18	16	1	21	9	6	4	12
M00-307055	1	1	2	6	8	11	2	3	17	9
M01-269047	10	5	13	10	11	20	18	15	20	15
ND02-863	26	18	22	25	16	3	8	27	21	21
ND02-892	4	9	4	9	14	1	3	9	6	4
ND02-2019	22	15	17	15	27	16	12	14	8	20
ND02-3783	27	13	8	27	20	18	23	25	26	16
ND03-6782	15	20	16	21	21	12	6	19	11	14
ND03-6793	19	8	6	22	24	23	10	24	19	22
ND03-6807	5	4	7	19	15	15	4	1	3	13
ND03-7267	18	22	11	23	12	18	14	21	23	5
ND04-9434	15	19	26	16	18	22	20	13	13	10
ND04-9594	23	11	25	18	22	17	26	10	18	24
ND04-11421	7	21	20	1	13	10	11	8	10	2
ND04-11539	9	23	23	7	6	12	27	4	16	6
ND04-11549	17	6	3	8	26	5	22	7	22	19
ND04-11563	19	27	21	14	23	4	5	12	11	17
ND04-11603	11	16	13	11	5	14	7	20	2	25
ND04-11674	2	2	1	4	3	6	1	25	5	7
ND04-11690	24	24	24	12	19	25	13	22	25	11
ND04-12435	21	26	8	24	17	7	21	17	24	8
ND04-12541	8	25	5	3	25	2	17	5	13	3
ND04-13082	25	12	27	13	4	26	19	23	27	23
ND04-13386	3	6	10	2	9	7	15	18	7	1
OAC 05-02	12	3	12	5	7	27	24	11	1	27

UNIFORM TEST 00, 2007

MATURITY (date)

Strain	Mean	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
	9 Tests									
MN0071 (00)	9/8	9/18	9/9	9/15	9/12	9/5	9/6	9/13	8/30	9/3
Jim	2.3	4	0	0	5	1	0	9	3	-1
Traill (0)	6.2	9	6	7	8	5	1	11	7	2
M00-307055	6.0	11	4	5	4	5	1	13	7	4
M01-269047	7.9	9	8	7	12	4	1	17	9	4
ND02-863	3.7	11	7	7	7	8	0	-10	1	2
ND02-892	9.6	12	12	8	9	7	0	22	11	5
ND02-2019	3.1	7	5	4	8	3	2	-1	1	-1
ND02-3783	0.8	3	-1	2	2	2	2	-3	0	0
ND03-6782	4.7	10	10	6	6	7	1	1	1	0
ND03-6793	1.8	8	4	1	0	1	-2	4	1	-1
ND03-6807	8.8	12	14	8	8	9	0	17	8	3
ND03-7267	5.3	11	6	7	8	2	0	2	8	4
ND04-9434	8.8	12	12	8	11	9	0	15	8	4
ND04-9594	4.8	6	4	5	9	2	1	10	6	0
ND04-11421	10.3	13	10	12	13	9	0	15	16	5
ND04-11539	7.3	12	9	6	8	2	2	20	4	3
ND04-11549	1.7	5	-1	1	0	2	0	8	1	-1
ND04-11563	6.9	8	10	6	9	11	1	10	5	2
ND04-11603	6.9	7	10	6	8	4	0	18	8	1
ND04-11674	8.2	11	13	7	9	7	2	14	7	4
ND04-11690	8.8	13	12	4	9	3	1	24	8	5
ND04-12435	7.4	11	9	6	7	6	2	15	8	3
ND04-12541	10.8	16	14	12	13	11	-2	15	13	5
ND04-13082	8.7	10	13	8	9	9	1	15	9	4
ND04-13386	10.7	14	15	9	12	7	0	25	8	6
OAC 05-02	5.1	10	10	9	9	9	0	-3	3	-1
Date Planted	5/20	5/25	5/14	5/23	5/21	5/18	5/18	5/14	5/23	5/25
Days to Mature	112	116	118	115	114	110	111	122	99	101

UNIFORM TEST 00, 2007

LODGING (score)

Strain	Mean 7 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
MN0071 (00)	1.1		1.0	1.0		1.0	2.0	1.0	1.0	1.0
Jim	1.3		2.0	1.0		1.0	2.4	1.0	1.0	1.0
Traill (0)	1.2		2.0	1.0		1.0	1.7	1.0	1.0	1.0
M00-307055	1.2		1.0	1.0		1.0	2.5	1.0	1.0	1.0
M01-269047	1.1		1.0	1.0		1.0	1.6	1.0	1.0	1.0
ND02-863	1.1		1.0	1.0		1.0	1.4	1.0	1.0	1.0
ND02-892	1.1		1.0	1.0		1.0	1.7	1.0	1.0	1.0
ND02-2019	1.2		1.0	1.0		1.0	2.1	1.0	1.0	1.0
ND02-3783	1.1		1.0	1.0		1.0	1.4	1.0	1.0	1.0
ND03-6782	1.2		1.0	1.0		1.0	2.1	1.0	1.0	1.0
ND03-6793	1.1		1.0	1.0		1.0	1.5	1.0	1.0	1.0
ND03-6807	1.3		2.0	1.0		1.0	2.3	1.0	1.0	1.0
ND03-7267	1.2		1.0	1.0		1.0	2.7	1.0	1.0	1.0
ND04-9434	1.4		1.7	1.0		1.0	3.0	1.0	1.0	1.0
ND04-9594	1.3		2.0	1.0		1.0	2.3	1.0	1.0	1.0
ND04-11421	1.1		1.0	1.0		1.0	1.7	1.0	1.0	1.0
ND04-11539	1.5		2.0	1.0		1.0	3.6	1.0	1.0	1.0
ND04-11549	1.3		1.0	1.0		1.0	2.8	1.0	1.0	1.0
ND04-11563	1.0		1.0	1.0		1.0	1.3	1.0	1.0	1.0
ND04-11603	1.1		1.0	1.0		1.0	1.5	1.0	1.0	1.0
ND04-11674	1.2		1.0	1.0		1.0	2.4	1.0	1.0	1.0
ND04-11690	1.5		1.7	1.0		1.0	3.5	1.0	1.0	1.0
ND04-12435	1.2		1.0	1.0		1.0	2.3	1.0	1.0	1.0
ND04-12541	1.1		1.0	1.0		1.0	1.6	1.0	1.0	1.0
ND04-13082	1.3		1.3	1.0		1.0	2.7	1.0	1.0	1.0
ND04-13386	1.3		1.3	1.0		1.0	2.7	1.0	1.0	1.0
OAC 05-02	1.3		2.0	1.0		1.0	2.1	1.0	1.0	1.0

UNIFORM TEST 00, 2007

PLANT HEIGHT (inches)

Strain	Mean 6 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
MN0071 (00)	28	38	23	24	19	33	31	23	32	26
Jim	26	29	24	20	21	29	32	20	32	23
Traill (0)	29	33	29	24	25	32	32	26	32	26
M00-307055	28	36	28	25	20	32	34	22	34	25
M01-269047	28	37	27	25	21	30	31	23	32	25
ND02-863	24	33	23	19	18	28	27	16	27	22
ND02-892	26	33	27	23	19	28	33	21	31	22
ND02-2019	26	32	25	21	15	30	34	25	29	26
ND02-3783	23	32	24	18	19	25	24	17	27	25
ND03-6782	30	36	31	27	21	34	35	21	33	28
ND03-6793	28	41	30	24	17	35	30	20	29	25
ND03-6807	31	40	31	29	21	34	37	26	35	30
ND03-7267	31	39	31	28	23	32	35	26	32	29
ND04-9434	28	36	29	25	21	30	31	23	32	26
ND04-9594	29	33	27	27	19	33	34	26	32	26
ND04-11421	28	34	26	28	22	29	32	25	30	26
ND04-11539	33	44	35	31	23	29	40	27	39	31
ND04-11549	29	39	32	28	17	32	32	22	35	24
ND04-11563	25	30	22	23	18	32	30	18	31	23
ND04-11603	26	33	23	23	21	33	31	18	33	21
ND04-11674	31	39	29	31	22	32	36	28	31	28
ND04-11690	30	40	29	28	21	29	35	29	31	29
ND04-12435	28	34	30	25	20	31	33	25	33	24
ND04-12541	29	39	30	29	21	31	33	25	31	25
ND04-13082	27	33	28	24	22	30	32	20	28	24
ND04-13386	32	44	32	28	25	35	34	24	36	28
OAC 05-02	28	39	28	24	21	28	32	22	32	23

UNIFORM TEST 00, 2007

SEED SIZE (g/100)

Strain	Mean 8 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
MN0071 (00)	14.9		14.0	14.9	14.2	15.1	15.2	16.5	15.0	14.0
Jim	15.3		13.6	15.3	14.6	16.1	15.0	18.6	16.1	13.3
Traill (0)	15.3		13.3	14.2	13.7	14.2	15.5	18.5	17.4	15.5
M00-307055	12.7		13.7	11.8	11.0	12.3	12.8	14.7	12.6	13.0
M01-269047	14.8		13.1	12.4	13.0	13.3	15.1	19.3	17.4	14.6
ND02-863	15.9		14.3	14.6	14.3	15.0	18.6	15.0	18.5	16.9
ND02-892	15.2		13.7	13.7	14.1	15.0	14.7	17.6	17.0	15.4
ND02-2019	16.4		13.4	14.9	17.3	15.9	17.7	18.1	18.5	15.7
ND02-3783	17.5		15.7	17.2	16.8	16.6	18.4	18.4	19.5	17.4
ND03-6782	16.6		13.9	15.5	15.6	15.5	17.6	20.7	18.2	15.6
ND03-6793	17.9		15.8	16.4	17.9	16.0	19.5	20.9	19.4	17.5
ND03-6807	15.1		13.1	13.8	13.1	14.4	16.3	18.5	16.5	15.2
ND03-7267	14.4		12.1	13.5	12.7	13.2	15.1	16.9	17.2	14.4
ND04-9434	15.0		12.9	13.6	13.6	13.6	15.3	18.7	17.0	15.1
ND04-9594	15.2		14.0	12.9	13.5	13.8	15.0	18.8	17.8	15.4
ND04-11421	15.7		13.9	14.5	14.0	14.4	15.3	18.5	19.0	15.9
ND04-11539	12.3		11.5	11.5	11.8	12.5	10.5	15.1	12.7	13.1
ND04-11549	13.6		12.6	12.3	14.1	15.3	12.9	15.0	14.0	12.4
ND04-11563	16.9		14.7	14.7	16.3	17.0	17.0	19.9	18.8	16.4
ND04-11603	17.0		15.3	15.2	16.8	15.2	16.9	21.3	19.4	15.8
ND04-11674	15.5		14.3	13.7	15.4	14.2	15.1	19.4	17.0	14.5
ND04-11690	15.7		13.7	13.6	15.1	14.5	15.6	19.3	17.4	16.6
ND04-12435	15.3		13.9	14.2	14.5	14.6	14.9	18.6	16.7	14.9
ND04-12541	16.0		14.9	14.7	15.2	14.8	15.3	19.3	17.9	15.7
ND04-13082	13.6		11.9	12.8	12.0	13.6	14.3	16.4	14.8	13.2
ND04-13386	15.1		15.4	13.7	14.2	14.4	13.9	18.1	14.5	16.3
OAC 05-02	13.3		11.8	13.9	12.3	13.4	15.3	12.4	15.4	12.2

UNIFORM TEST 00, 2007

SEED QUALITY (score)

Strain	Mean 8 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
MN0071 (00)	1.4		1.5	1.5	1.5	1.0	1.3	1.5	1.5	1.5
Jim	1.4		1.5	2.0	1.5	1.0	1.0	2.0	1.5	1.0
Traill (0)	1.4		1.5	1.5	1.5	1.0	1.0	2.0	1.5	1.0
M00-307055	1.4		1.5	1.5	1.5	1.0	1.0	1.5	2.0	1.0
M01-269047	1.6		1.5	1.5	1.5	1.0	1.0	2.0	2.0	2.0
ND02-863	2.7		2.5	3.0	1.5	5.0	1.7	2.5	3.0	2.5
ND02-892	1.6		1.5	1.5	1.5	2.0	1.0	2.0	2.0	1.5
ND02-2019	1.4		1.5	1.5	1.5	1.0	1.0	2.0	1.5	1.0
ND02-3783	1.7		1.5	2.0	1.0	2.0	1.0	2.0	2.0	2.0
ND03-6782	1.5		1.0	1.5	2.0	1.0	1.0	2.5	2.0	1.0
ND03-6793	1.8		1.5	2.0	2.0	2.0	1.0	2.5	2.0	1.0
ND03-6807	1.4		1.5	1.5	1.5	1.0	1.0	2.0	1.5	1.0
ND03-7267	1.4		1.5	1.5	1.0	1.0	1.0	2.0	2.0	1.0
ND04-9434	1.5		1.5	1.5	1.5	1.0	1.0	2.0	2.0	1.5
ND04-9594	1.4		1.0	2.0	1.5	1.0	1.0	1.5	2.0	1.0
ND04-11421	1.4		1.5	1.5	1.0	1.0	1.0	2.0	2.0	1.0
ND04-11539	1.4		1.5	1.5	1.5	1.0	1.0	2.0	2.0	1.0
ND04-11549	1.7		2.0	2.0	2.0	1.0	1.0	2.0	2.0	1.5
ND04-11563	1.9		2.0	1.5	1.5	1.0	1.0	3.0	3.0	2.5
ND04-11603	1.7		2.0	1.5	1.5	1.0	1.0	2.5	2.0	2.0
ND04-11674	1.6		1.5	1.5	1.5	1.0	1.0	2.5	2.0	2.0
ND04-11690	1.7		1.5	1.5	2.0	1.0	1.0	2.5	2.5	1.5
ND04-12435	1.4		2.0	1.5	1.5	1.0	1.0	1.5	1.5	1.0
ND04-12541	1.6		2.0	1.5	2.0	1.0	1.0	2.0	2.0	1.5
ND04-13082	2.0		1.5	1.5	2.0	3.0	1.0	2.5	3.0	1.5
ND04-13386	1.4		1.5	1.5	1.5	1.0	1.0	1.5	2.0	1.0
OAC 05-02	1.4		1.5	1.5	1.5	1.0	1.0	2.0	1.5	1.0

UNIFORM TEST 00, 2007

PROTEIN (%)

Strain	Mean 8 Tests	Crookston MN	Moorehead MN	Shelly MN	Casselton ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
MN0071 (00)	32.8	32.4	30.1	28.2	31.7	36.8	32.9	36.2	34.0
Jim	33.8	31.9	29.9	30.3	33.4	37.2	32.7	38.7	36.1
Traill (0)	34.4	31.7	31.1	29.9	34.1	37.8	35.9	38.7	35.8
M00-307055	32.8	29.5	30.1	28.2	33.8	36.3	33.9	36.6	34.1
M01-269047	34.0	31.4	29.6	28.9	35.0	37.1	36.0	38.6	34.8
ND02-863	34.8	32.1	32.4	32.2	34.1	37.8	33.4	39.5	36.6
ND02-892	31.9	30.0	28.9	26.6	32.7	35.3	32.8	36.0	33.2
ND02-2019	33.2	31.5	29.8	30.9	32.4	36.6	32.3	37.3	34.4
ND02-3783	33.9	31.4	32.8	31.1	32.9	36.7	33.2	38.4	35.1
ND03-6782	32.3	29.2	29.5	29.2	32.4	36.0	32.4	36.9	33.1
ND03-6793	34.1	32.5	31.0	32.2	32.5	36.6	33.9	38.3	35.8
ND03-6807	32.5	29.6	29.8	28.7	32.1	35.8	35.1	35.8	32.7
ND03-7267	33.6	31.5	28.8	30.9	33.4	36.7	35.9	37.4	33.8
ND04-9434	33.6	31.2	30.6	30.0	33.1	37.1	34.7	38.0	34.5
ND04-9594	33.8	32.5	30.2	29.8	31.9	38.0	35.1	38.5	34.6
ND04-11421	35.4	33.5	32.1	32.3	35.2	37.8	37.4	38.9	35.7
ND04-11539	33.1	29.8	30.0	29.2	31.0	38.0	35.0	37.8	33.8
ND04-11549	32.5	30.0	29.3	28.9	30.5	36.5	34.5	37.1	33.7
ND04-11563	31.7	30.0	26.8	27.8	30.8	34.7	34.9	35.6	32.9
ND04-11603	32.3	31.6	28.9	28.3	30.3	35.4	35.5	35.8	32.6
ND04-11674	32.9	30.9	29.5	28.8	32.4	36.5	35.1	36.4	33.4
ND04-11690	33.9	32.9	30.3	30.5	32.8	37.3	35.5	37.8	34.1
ND04-12435	33.1	31.4	28.8	30.2	31.8	37.5	33.9	37.3	34.2
ND04-12541	34.5	33.2	30.1	30.6	35.4	37.1	37.3	37.5	34.8
ND04-13082	35.1	32.4	31.5	31.7	34.8	37.0	38.7	39.0	36.0
ND04-13386	32.0	28.6	29.0	28.0	29.6	36.3	35.9	35.8	32.9
OAC 05-02	33.3	29.4	28.5	29.6	34.1	37.1	33.1	38.8	35.4

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

UNIFORM TEST 00, 2007

OIL (%)

Strain	Mean 8 Tests	Crookston MN	Moorehead MN	Shelly MN	Casselton ND	Ottawa Ont.	Dundalk Ont.	Elora Ont.	St. Mathieu de-Beloeil Que.
MN0071 (00)	18.7	17.9	19.4	19.8	17.5	17.6	19.1	18.1	20.1
Jim	17.4	17.0	18.6	17.9	16.9	16.5	18.1	15.7	18.2
Traill (0)	17.7	18.1	18.6	18.5	17.6	16.7	17.1	16.4	18.8
M00-307055	18.8	19.2	19.2	20.3	19.0	17.5	18.3	17.1	19.7
M01-269047	18.1	18.2	19.3	19.2	17.1	17.2	17.7	17.0	19.1
ND02-863	17.7	18.1	18.3	18.3	17.5	16.9	18.2	16.0	18.0
ND02-892	19.0	19.1	20.2	20.4	18.7	18.4	18.1	17.5	20.0
ND02-2019	17.7	17.6	18.7	17.9	17.3	17.1	17.8	16.4	19.0
ND02-3783	18.6	18.4	18.4	19.5	18.8	18.1	18.9	17.4	19.5
ND03-6782	18.8	18.4	18.9	19.1	19.4	17.8	18.9	17.7	20.4
ND03-6793	18.5	18.2	19.2	19.4	18.9	18.3	18.4	16.8	19.1
ND03-6807	18.2	18.0	18.4	19.0	18.6	17.6	17.1	16.9	19.9
ND03-7267	17.7	17.5	19.0	17.9	17.3	17.1	16.7	16.7	19.4
ND04-9434	18.3	18.2	18.7	18.2	19.2	17.3	17.9	17.1	19.9
ND04-9594	17.9	17.4	18.5	18.4	18.6	16.4	17.7	16.7	19.5
ND04-11421	17.3	17.6	17.8	17.2	18.2	16.4	16.4	16.1	18.9
ND04-11539	18.0	18.5	19.0	19.2	18.6	15.8	17.4	16.4	19.3
ND04-11549	18.6	18.9	19.8	19.7	20.0	17.1	17.4	16.8	18.8
ND04-11563	19.0	18.8	20.5	19.8	18.6	19.1	17.3	17.7	20.4
ND04-11603	19.3	18.7	20.3	20.3	20.1	18.6	17.6	17.7	20.9
ND04-11674	18.3	18.6	19.3	19.5	18.2	17.6	16.9	16.9	19.8
ND04-11690	18.9	18.6	20.5	20.0	19.2	17.9	17.6	17.1	20.4
ND04-12435	18.7	17.9	19.6	19.1	20.8	17.3	17.7	17.1	19.8
ND04-12541	17.6	17.5	18.7	17.5	17.6	16.9	15.9	17.1	19.5
ND04-13082	17.5	18.1	18.6	18.5	17.7	17.1	15.9	16.0	18.3
ND04-13386	19.1	19.5	20.4	19.2	20.2	17.7	17.1	18.0	20.4
OAC 05-02	19.0	19.5	20.6	19.8	18.3	17.4	19.7	17.1	20.0

Uniform Test 0, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	Lambert (O)	M75-274 x M76-151	19	F5	Rps1
2.	MN1410 (I)	MN0302 x Archer	new	F5	Rps1-k, BSR
3.	Surge (L)	A86-204022 x Kato	8	F5	
4.	Traill (E)	M82-996 x Sigco KG20	11	F5	
5.	MN0902CN (SCN)	Jack x Alpha	10	F5	SCN
6.	M00-311054	SD(ND)95-1663 x MN0071	PT0	F5	Rps6
7.	M00-326087	MN1005 x MN0091	PT0	F5	Rps1
8.	ND01-3906	Pioneer 9071 x A96-492041	1	F4	Rps1-c
9.	ND02-992	ND92-2381 x ND95-938	1	F4	Rps6
10.	ND03-5037	Barnes x SD96-33	PT0	F4	Rps6
11.	ND03-5679	Barnes x SD96-33	PT0	F4	Rps6
12.	OAC 05-17	RCAT 99-01 x OAC 00-01	PT0	F5	
13.	OAC 05-21	OT 99-2 x OAC 00-17	PT0	F5	
14.	SD02-833	Surge x Pion 9151	1	F4	Rps1-k
15.	SD03-1537	Pioneer 9092 x A96-492041	PT0	F5	Rps1-k
16.	SD03-2154	Surge x A96-492041	PT0	F5	Rps1-k
17.	SD03-2327	Pioneer 9092 x A96-494018	PT0	F5	Rps1-k

UNIFORM TEST 0, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis		Green Stem	Shattering	NSC	PR	
		Score		Score	Score	Score (0-10)	Lafayette	
		Granite Falls MN	Wilkin County MN	St. Mathieu Que	Manhattan KS	Brookings SD	Race 4	Race 7
Lambert (O)	PGBIYBfI	2.3	3.0	2.5	1.0	2.8	S	S
MN1410 (I)	WGBDYBfI	2.8	3.0	3.0	1.0	6.0	S*	S*
Surge (L)	PGBDYIbI	2.3	3.3	2.0	1.0	4.8	S	S
Traill (E)	PTBIYYI	2.5	2.5	1.0	1.0	5.3	S	S
MN0902CN (SCN)	WTTDYYI	2.8	3.0	2.5	1.0	1.3	S	S
M00-311054	PTBDYBrI	2.5	2.8	3.0	1.0	5.0	R	S
M00-326087	PGTDYYI	3.0	2.8	2.0	1.0	5.8	S	S
ND01-3906	PGBDYYI	2.3	2.8	2.5	1.0	4.2	S	R
ND02-992	PGBDYLtBfI	2.5	2.8	2.0	1.0	6.3	R	R*
ND03-5037	PGBDYBfI	3.3	3.5	2.0	1.0	6.0	R	S
ND03-5679	PGBDYBfI	3.0	3.3	1.5	1.0	6.8	R	S
OAC 05-17	PTBDYBrI	3.0	3.5	2.0	3.0	2.8	S	S
OAC 05-21	WTBDYBrI	2.5	3.0	2.0	2.0	6.5	S	S
SD02-833	PTBDYBI	2.8	3.3	1.0	1.0	2.8	R	R
SD03-1537	PTBDYGrI	3.5	3.8	2.5	2.0	5.5	S*	R
SD03-2154	PGBDYGrI	2.8	3.5	2.0	1.0	4.0	R	R
SD03-2327	PTBDYGrI	3.5	3.8	1.5	2.0	2.5	S*	S*

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

UNIFORM TEST 0, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield 7 bu/a	Rank 7 No.	Maturity 7 Date	Lodging 8 Score	Plant Height 6 In.	Seed Size 8 g/100	Seed Quality 8 Score	Composition	
								Protein 8 %	Oil 8 %
Lambert (O)	49.2	7	9/16	2.0	31	17.3	1.7	35.4	18.8
MN1410 (I)	52.7	1	10.0	1.8	33	18.7	1.4	35.5	18.4
Surge (L)	47.2	10	5.0	1.3	28	21.1	1.5	35.4	18.5
Trall (E)	40.2	15	-7.4	1.8	27	17.0	1.5	35.4	18.0
MN0902CN (SCN)	37.0	17	2.0	1.9	29	14.5	1.8	36.3	17.5
M00-311054	45.8	12	-2.1	1.7	28	15.8	1.4	34.6	18.4
M00-326087	48.0	9	-0.7	1.6	30	17.6	1.6	35.0	18.0
ND01-3906	50.1	6	0.3	1.5	30	16.6	1.8	33.0	18.6
ND02-992	45.2	13	-2.4	1.7	28	17.2	2.1	35.0	18.7
ND03-5037	43.5	14	-4.9	1.7	30	17.2	1.7	33.9	19.4
ND03-5679	39.8	16	-5.1	1.5	28	17.6	2.0	33.9	19.4
OAC 05-17	52.0	2	7.0	1.9	34	16.3	1.9	31.3	19.9
OAC 05-21	52.0	2	5.3	1.6	33	18.7	1.4	34.0	18.6
SD02-833	49.0	8	7.9	2.0	33	19.6	1.4	34.9	18.1
SD03-1537	51.1	4	9.7	2.0	34	18.1	1.8	35.3	18.0
SD03-2154	50.8	5	1.4	1.9	32	17.8	1.7	34.5	18.6
SD03-2327	46.3	11	5.3	1.5	30	18.6	2.0	34.5	18.6

115.2 Days After Planting

UNIFORM TEST 0, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield 13 bu/a	Rank 13 No.	Maturity 15 Date	Lodging 16 Score	Plant Height 13 In.	Seed Size 16 g/100	Seed Quality 16 Score	Composition	
								Protein 16 %	Oil 16 %
Lambert (O)	50.9	4	9/17	1.6	31	17.5	1.7	35.5	18.4
Surge (L)	51.6	3	2.9	1.3	30	21.1	1.5	35.8	18.1
Trall (E)	43.1	7	-7.2	1.5	28	17.2	1.6	36.0	17.6
MN0902CN (SCN)	44.7	6	0.8	1.6	31	14.8	1.7	36.2	17.1
ND01-3906	54.2	1	0.1	1.3	31	16.9	1.9	33.6	18.2
ND02-992	47.5	5	-3.7	1.4	28	17.2	1.9	35.0	18.5
SD02-833	53.8	2	6.3	1.9	35	20.0	1.5	35.3	17.6

115.0 Days After Planting

UNIFORM TEST 0, 2007

YIELD (bu/a)

Strain	Mean	Morris MN	Rosemount MN	Casselton* ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu de-Beloeil Que.	Aurora SD
	7 Tests								
Lambert (O)	49.2	40.2	36.8	57.2	43.5	54.9	46.3	76.8	45.6
MN1410 (I)	52.7	38.5	48.2	37.2	54.3	49.3	53.6	79.3	45.5
Surge (L)	47.2	39.9	35.0	50.4	48.4	43.0	43.5	76.2	44.2
Traill (E)	40.2	31.6	32.8	52.3	41.3	42.9	38.0	61.4	33.4
MN0902CN (SCN)	37.0	24.0	37.5	35.3	33.3	38.0	29.2	59.3	37.6
M00-311054	45.8	33.7	35.9	40.4	40.6	48.9	39.0	74.3	47.9
M00-326087	48.0	41.4	39.7	51.4	42.5	41.0	47.4	77.1	47.2
ND01-3906	50.1	46.1	42.2	62.7	41.0	52.2	45.1	78.6	45.4
ND02-992	45.2	37.1	34.3	54.3	40.2	50.3	35.4	74.1	45.2
ND03-5037	43.5	34.9	35.1	58.2	41.6	45.8	35.4	74.3	37.2
ND03-5679	39.8	25.2	36.1	56.5	38.1	42.8	35.1	69.1	31.9
OAC 05-17	52.0	38.2	40.3	33.9	49.3	55.8	54.5	77.7	48.3
OAC 05-21	52.0	42.3	36.7	24.8	49.9	58.6	54.1	77.7	44.5
SD02-833	49.0	39.3	36.1	28.3	47.7	51.6	48.0	71.3	48.8
SD03-1537	51.1	41.5	40.0	27.0	46.7	55.2	55.9	69.9	48.2
SD03-2154	50.8	38.6	44.7	56.5	49.6	50.7	48.5	75.5	48.1
SD03-2327	46.3	42.5	37.3	17.4	39.7	48.6	41.6	69.3	45.0
C.V. (%)		11.8	13.0	35.0	6.0	10.1	7.8	6.9	15.3
L.S.D. (5%)		7.4	8.3	26.3	3.7	8.4	6.6	10.7	11.2
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

*Data not included in mean.

UNIFORM TEST 0, 2007

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	7	6	9	3	8	4	8	6	9
MN1410 (I)	1	10	1	11	1	9	4	1	10
Surge (L)	10	7	15	9	5	13	10	7	15
Traill (E)	15	15	17	7	11	14	13	16	18
MN0902CN (SCN)	17	17	7	12	17	17	17	17	16
M00-311054	12	14	13	10	13	10	12	9	6
M00-326087	9	5	6	8	9	16	7	5	7
ND01-3906	6	1	3	1	12	5	9	2	11
ND02-992	13	12	16	6	14	8	14	11	12
ND03-5037	14	13	14	2	10	12	14	10	17
ND03-5679	16	16	11	5	16	15	16	15	19
OAC 05-17	2	11	4	13	4	2	2	3	2
OAC 05-21	2	3	10	16	2	1	3	4	14
SD02-833	8	8	11	14	6	6	6	12	1
SD03-1537	4	4	5	15	7	3	1	13	3
SD03-2154	5	9	2	4	3	7	5	8	4
SD03-2327	11	2	8	17	15	11	11	14	13

UNIFORM TEST 0, 2007

MATURITY (date)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	9/16		9/20	9/22	9/14	9/12	9/21	9/14	9/11
MN1410 (I)	10.0		6	14	11	24	-1	10	6
Surge (L)	5.0		3	4	5	12	1	5	5
Traill (E)	-7.4		-4	-12	-10	-5	-8	-6	-7
MN0902CN (SCN)	2.0		4	3	4	-2	1	2	2
M00-311054	-2.1		-1	0	-3	-6	-2	-1	-2
M00-326087	-0.7		-1	-2	-1	-1	-2	0	2
ND01-3906	0.3		2	2	-2	-2	0	2	
ND02-992	-2.4		0	-3	-3	-4	-3	0	-4
ND03-5037	-4.9		-2	-7	-4	-5	-7	-2	-7
ND03-5679	-5.1		-3	-10	-9	-6	-7	-4	3
OAC 05-17	7.0		5	12	6	2	8	7	9
OAC 05-21	5.3		4	9	6	1	3	6	8
SD02-833	7.9		4	11	9	3	8	10	10
SD03-1537	9.7		5	11	9	14	10	10	9
SD03-2154	1.4		0	7	0	-2	0	3	2
SD03-2327	5.3		4	11	4	1	4	5	8
Date Planted	5/24	5/24	6/5	5/18	5/18	5/22	5/31	5/25	5/19
Days to Mature	115		107	127	119	113	113	112	115

UNIFORM TEST 0, 2007

LODGING (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (0)	2.0	3.7	3.0	1.3	2.1	1.0	1.0	1.5	2.0
MN1410 (I)	1.8	3.0	2.3	1.7	1.5	1.0	1.0	1.5	2.0
Surge (L)	1.3	2.3	1.3	1.0	1.5	1.0	1.0	1.5	1.0
Traill (E)	1.8	4.0	2.7	1.0	1.5	1.0	1.0	1.0	2.0
MN0902CN (SCN)	1.9	4.0	2.0	1.3	1.5	1.0	1.0	2.0	2.0
M00-311054	1.7	3.7	1.7	1.0	1.3	1.0	1.0	1.5	2.0
M00-326087	1.6	3.7	1.7	1.0	1.2	1.0	1.0	1.0	2.0
ND01-3906	1.5	2.7	2.0	1.3	1.0	1.0	1.0	1.0	2.0
ND02-992	1.7	3.0	2.7	1.3	1.5	1.0	1.0	1.0	2.0
ND03-5037	1.7	3.0	2.3	1.3	1.3	1.0	1.0	1.5	2.0
ND03-5679	1.5	4.3	1.3	1.0	1.4	1.0	1.0	1.0	1.0
OAC 05-17	1.9	3.7	2.0	1.7	2.1	1.0	1.0	2.0	2.0
OAC 05-21	1.6	2.3	1.7	1.7	1.1	1.0	1.0	2.0	2.0
SD02-833	2.0	3.3	2.3	2.0	2.0	1.0	1.0	2.5	2.0
SD03-1537	2.0	4.0	1.7	1.7	1.6	1.0	1.0	2.0	3.0
SD03-2154	1.9	4.0	2.3	1.0	2.4	1.0	1.0	1.5	2.0
SD03-2327	1.5	3.0	1.7	1.0	1.1	1.0	1.0	1.0	2.0

UNIFORM TEST 0, 2007

PLANT HEIGHT (inches)

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu	Aurora SD
	6 Tests							de-Beloeil Que.	
Lambert (0)	31	37			34	28	26	34	27
MN1410 (I)	33	36			35	28	27	36	33
Surge (L)	28	34			31	23	25	32	26
Traill (E)	27	31			30	25	20	29	26
MN0902CN (SCN)	29	31			30	27	24	33	29
M00-311054	28	32			29	25	22	31	29
M00-326087	30	32			31	26	27	32	29
ND01-3906	30	32			29	27	26	33	32
ND02-992	28	33			30	22	21	30	29
ND03-5037	30	36			30	24	25	32	32
ND03-5679	28	38			28	24	22	32	27
OAC 05-17	34	34			37	32	37	36	31
OAC 05-21	33	38			33	28	29	36	33
SD02-833	33	39			35	29	26	35	34
SD03-1537	34	38			33	29	31	35	38
SD03-2154	32	38			35	24	28	34	34
SD03-2327	30	31			32	29	28	30	31

UNIFORM TEST 0, 2007

SEED SIZE (g/100)

Strain	Mean	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu	Aurora SD
	8 Tests							de-Beloeil Que.	
Lambert (0)	17.3	16.8	18.3	14.2	15.4	19.4	18.7	16.2	19.5
MN1410 (I)	18.7	15.3	18.3	14.3	18.5	24.8	20.4	17.2	20.6
Surge (L)	21.1	19.3	21.8	15.1	20.7	26.3	22.2	20.5	22.5
Traill (E)	17.0	16.1	17.2	14.8	15.4	18.9	19.2	16.3	17.8
MN0902CN (SCN)	14.5	13.5	14.9	12.0	14.0	18.4	14.8	13.6	14.5
M00-311054	15.8	13.5	15.7	14.9	13.6	19.0	17.1	15.3	17.5
M00-326087	17.6	16.7	17.1	15.4	15.9	19.8	19.2	17.0	20.0
ND01-3906	16.6	14.8	17.1	15.2	14.8	20.0	17.8	15.6	17.7
ND02-992	17.2	15.6	17.8	15.6	14.8	21.2	18.7	15.4	18.5
ND03-5037	17.2	17.2	18.5	12.4	14.8	19.5	18.4	16.7	19.9
ND03-5679	17.6	18.4	17.6	15.7	15.5	17.8	19.1	16.7	19.6
OAC 05-17	16.3	13.8	14.7	12.4	16.7	20.6	17.7	16.5	17.9
OAC 05-21	18.7	14.3	16.3	17.8	19.2	22.7	21.5	17.9	19.7
SD02-833	19.6	17.2	17.9	15.3	19.9	24.6	21.8	19.5	20.8
SD03-1537	18.1	16.0	18.9	14.2	18.2	23.3	18.7	16.7	18.4
SD03-2154	17.8	16.5	17.8	13.5	16.1	21.5	19.8	17.4	19.6
SD03-2327	18.6	15.3	18.5	15.1	17.5	24.0	20.1	18.1	20.5

UNIFORM TEST 0, 2007

SEED QUALITY (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (0)	1.7	1.5	2.5	1.0	1.0	2.0	1.5	1.0	3.0
MN1410 (I)	1.4	1.5	1.5	1.0	1.0	2.0	1.5	1.0	2.0
Surge (L)	1.5	1.5	1.5	1.0	1.0	2.0	1.5	1.5	2.0
Traill (E)	1.5	2.0	1.5	1.0	1.0	2.0	1.5	1.0	2.0
MN0902CN (SCN)	1.8	2.0	2.0	2.0	1.0	2.0	1.5	1.5	2.0
M00-311054	1.4	1.5	1.5	1.0	1.0	1.5	1.5	1.0	2.0
M00-326087	1.6	1.5	1.5	1.0	1.0	2.0	1.5	1.0	3.0
ND01-3906	1.8	1.5	2.0	1.0	1.0	2.5	2.0	1.0	3.0
ND02-992	2.1	2.0	3.0	2.0	1.0	2.5	2.0	1.0	3.0
ND03-5037	1.7	1.5	2.0	1.0	1.0	2.5	2.0	1.2	2.0
ND03-5679	2.0	1.5	3.5	1.0	1.0	2.0	2.0	1.0	4.0
OAC 05-17	1.9	1.5	2.5	2.0	1.0	1.5	2.0	1.5	3.0
OAC 05-21	1.4	1.5	1.5	1.0	1.0	1.5	1.5	1.0	2.0
SD02-833	1.4	1.5	1.5	1.0	1.0	1.5	1.5	1.0	2.0
SD03-1537	1.8	1.5	1.5	1.0	1.7	2.0	2.0	1.5	3.0
SD03-2154	1.7	1.5	2.0	1.0	1.0	2.0	2.0	1.0	3.0
SD03-2327	2.0	1.5	2.0	1.0	1.0	2.5	2.0	2.0	4.0

UNIFORM TEST 0, 2007

PROTEIN (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	35.4	32.6	34.1	34.9	35.9	37.5	39.3	34.5	34.4
MN1410 (I)	35.5	31.8	35.3	33.9	35.2	38.6	38.5	34.2	36.0
Surge (L)	35.4	32.6	33.6	32.4	35.4	38.5	39.6	35.8	35.4
Traill (E)	35.4	33.3	34.4	32.5	36.9	37.3	38.5	35.7	34.5
MN0902CN (SCN)	36.3	34.4	36.6	34.2	35.7	39.8	38.7	36.2	34.8
M00-311054	34.6	31.1	33.2	34.8	35.0	36.2	37.2	35.0	34.3
M00-326087	35.0	32.5	34.2	32.7	35.3	36.9	38.3	33.9	36.4
ND01-3906	33.0	28.3	32.5	30.7	33.4	36.6	36.5	32.3	33.7
ND02-992	35.0	32.7	33.8	33.7	35.6	37.2	37.6	35.0	34.1
ND03-5037	33.9	31.4	34.0	33.8	34.2	34.7	36.5	33.6	32.8
ND03-5679	33.9	31.3	33.8	32.1	35.0	35.7	36.7	33.5	32.9
OAC 05-17	31.3	29.4	31.5	28.9	31.1	33.3	33.9	30.5	31.3
OAC 05-21	34.0	31.1	33.5	33.9	33.4	36.0	36.9	33.1	34.1
SD02-833	34.9	31.0	33.9	33.8	34.8	38.1	38.0	35.0	34.6
SD03-1537	35.3	32.8	35.1	32.9	35.5	39.2	38.2	34.1	34.6
SD03-2154	34.5	32.0	33.4	32.6	35.0	37.1	37.3	34.0	34.2
SD03-2327	34.5	31.8	34.6	30.3	33.8	38.5	37.8	34.9	34.2

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

UNIFORM TEST 0, 2007

OIL (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (0)	18.8	19.8	18.9	17.3	18.5	17.6	17.7	20.5	19.7
MN1410 (I)	18.4	19.6	17.7	17.2	19.1	17.5	17.4	20.0	18.3
Surge (L)	18.5	19.3	19.5	19.1	19.0	17.0	17.1	19.3	18.0
Traill (E)	18.0	18.1	17.8	18.8	17.3	17.1	16.9	19.1	18.6
MN0902CN (SCN)	17.5	17.8	17.4	17.2	17.9	16.2	17.1	18.4	17.6
M00-311054	18.4	19.6	19.0	17.0	18.0	17.9	17.9	19.1	18.8
M00-326087	18.0	18.5	18.1	18.2	18.1	17.1	17.1	19.6	17.0
ND01-3906	18.6	19.8	18.4	18.3	18.9	17.5	17.8	19.8	18.2
ND02-992	18.7	19.6	19.0	18.4	18.1	17.8	17.7	19.5	19.2
ND03-5037	19.4	20.5	19.3	18.5	19.3	18.6	18.7	20.2	20.3
ND03-5679	19.4	20.3	19.5	19.2	19.1	18.3	18.3	20.4	20.4
OAC 05-17	19.9	19.7	19.4	19.9	20.1	18.9	19.7	21.2	19.9
OAC 05-21	18.6	18.7	18.1	18.3	19.2	17.8	18.2	19.8	18.4
SD02-833	18.1	18.9	18.2	18.0	18.4	17.1	17.4	19.0	17.7
SD03-1537	18.0	17.9	17.4	18.5	18.2	16.7	17.6	19.5	18.6
SD03-2154	18.6	19.4	18.7	17.7	19.1	17.8	18.0	20.0	18.2
SD03-2327	18.6	19.0	18.1	19.5	19.6	17.4	17.7	19.7	18.1

Preliminary Test 0, 2007

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	Lambert (O)	M75-274 x M76-151	F5	Rps1
2.	MN1410 (I)	MN0302 x Archer	F5	Rps1-k, BSR
3.	Surge (L)	A86-204022 x Kato	F5	
4.	Traill (E)	M82-996 x Sigco KG20	F5	
5.	M01-213045	OAC98-01 x Lambert	F5	
6.	M01-221039	Lambert x MN0071	F5	Rps1
7.	M01-241048	MN0301 x LG94-1128	F5	Diversity
8.	M01-242042	MN0302 x PI495831	F5	Diversity
9.	M01-257028	PI437994 x PI567222	F5	Drought
10.	M01-269046	Traill x MN1401	F5	White Mold
11.	M01-278013	M94-161045 x OAC98-12	F5	
12.	M02-115031	MN0301 x MN0304	F4	IDC Tol. Rps1-k
13.	ND02-878	Barnes x Korada	F4	Rps6
14.	ND02-2367	ND95-952 x Council	F4	Rps6
15.	ND03-5026	Barnes x SD96-33	F4	Rps6
16.	ND03-5042	Barnes x SD96-33	F4	Rps6
17.	ND03-5706	Barnes x SD96-33	F4	Rps6
18.	ND03-6787	Walsh x AC Oxford	F4	Rps6
19.	ND03-7566	Barnes x MN0902CN	F4	SCN
20.	ND04-11538	(IA1009 x Sargent) x MN0902CN	F4	SCN, Rps6
21.	ND04-11674	M94-161045 x (Barnes x IA1009)	F4	Rps6
22.	ND04-12209	Sargent x Pioneer 9061	F4	Rps6
23.	ND04-12567	Sargent x MN0902CN	F4	SCN, Rps6
24.	ND04-12647	Sargent x MN0902CN	F4	SCN, Rps6
25.	ND04-13387	Barnes x SD96-33	F4	Rps6
26.	OAC 05-30	OAC Clinton x PH9718	F5	
27.	SD04CV-261	SD96-119 x A97-77051	F4	
28.	SD04CV-393	SD96-782 x Pioneer 9234	F4	
29.	SD04CV-405	LG94-1906 x Surge	F4	
30.	SD04CV-424	LG94-1906 x Surge	F4	
31.	SD04CV-534	Surge x LN93-14408	F4	
32.	SD04CV-564	Surge x LN93-14408	F4	
33.	SD04CV-611	Surge x A96-591033	F4	
34.	SD04CV-613	Surge x A96-591033	F4	

PRELIMINARY TEST 0, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis		Green Stem	Shattering	PR	
		Score		Score	Score	Lafayette	
		Granite Falls MN	Wilkin County MN	St. Mathieu Que	Manhattan KS	Race 4	Race 7
Lambert (O)	PGBIYBfI	2.8	2.5	2.5	1.0	S	S
MN1410 (I)	WGBDYBfI	3.5	3.5	2.0	2.0	S*	S*
Surge (L)	PGBDYIbI	2.5	3.0	1.0	1.0	S	S
Trall (E)	PTBIYYI	2.3	2.3	1.0	1.0	S	S
M01-213045	WGBDYBfI	3.3	3.3	2.5	2.0	S	S
M01-221039	PTBDYBrI	3.5	4.0	3.5	1.0	S	R*
M01-241048	WGTDYYI	2.8	3.3	1.5	1.0	S	S
M01-242042	PGTIYBfI	2.5	2.3	2.0	2.0	R*	S
M01-257028	PTBIYBl+BrI	3.3	2.8	3.0	2.0	S	S
M01-269046	PTTDYBrI	2.8	2.3	2.0	0.0	S	R*
M01-278013	PGBDYY+LbfI	3.5	3.8	1.5	1.0	R*	S
M02-115031	WGTDYYI	2.8	2.5	2.5	2.0	R	R
ND02-878	PTBDYDbfI	3.3	3.0	2.5	3.0	R	R*
ND02-2367	PGBDYYI	2.8	3.0	3.0	1.0	R	H*
ND03-5026	PGBDYBfI	3.5	3.8	1.5	1.0	R	S
ND03-5042	PGBDYBfI	3.5	3.5	2.0	2.0	R	S
ND03-5706	PGBDYBfI	3.5	3.3	2.5	2.0	R	S
ND03-6787	PTBDYYI	3.3	3.0	1.0	2.0	R	S
ND03-7566	WGTDYBfI	2.8	2.8	2.5	1.0	R*	S
ND04-11538	PGBDYBfI	3.5	2.5	1.5	1.0	R	S
ND04-11674	WGBDYYI	3.8	3.5	1.5	1.0	R	S
ND04-12209	W+PGBDYYI	3.8	3.8	2.0	2.0	R	S
ND04-12567	WGBDYYI	3.5	3.8	3.0	1.0	S*	S
ND04-12647	WGTIYYI	3.8	3.5	2.0	1.0	R	S
ND04-13387	PGBDYIbI	3.3	2.8	2.0	1.0	S*	S
OAC 05-30	PTBDYYI	3.5	4.0	2.5	2.0	S	S
SD04CV-261	PTTDYBII	3.0	3.5	1.5	2.0	R*	R*
SD04CV-393	PTTDYBrI	2.8	3.0	3.0	1.0	R*	H*
SD04CV-405	P+WGBDYIb+BfI	3.8	2.8	2.0	1.0	S	S
SD04CV-424	P+WGBDYIb+BfI	3.0	2.5	2.0	1.0	S	S
SD04CV-534	PGBDYIbI	2.8	3.0	1.5	1.0	S	S
SD04CV-564	PGBDYIbI	3.0	2.5	1.5	1.0	S	S
SD04CV-611	PTBIYBII	3.5	2.8	2.0	3.0	S	S
SD04CV-613	PGBDYIbI	4.0	3.3	1.5	3.0	S	S

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

PRELIMINARY TEST 0, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	6 bu/a	6 No.	6 Date	6 Score	7 Height In.	7 Size g/100	7 Quality Score	6 Protein %	6 Oil %
Lambert (O)	46.7	13	9/14	1.7	30	17.7	1.9	36.1	18.9
MN1410 (I)	53.8	1	10.7	1.7	31	18.9	1.9	36.0	18.4
Surge (L)	48.2	10	5.7	1.2	27	22.4	1.7	36.8	18.1
Trall (E)	37.9	33	-6.7	1.8	27	17.8	1.8	37.2	17.2
M01-213045	48.4	8	-2.3	2.1	34	15.6	1.7	34.9	18.1
M01-221039	46.0	16	2.7	1.8	31	19.1	2.0	35.7	18.5
M01-241048	42.8	26	4.3	1.6	33	15.1	1.7	35.5	18.5
M01-242042	45.4	19	-2.6	1.5	28	18.2	1.8	36.1	18.2
M01-257028	43.4	24	7.5	2.0	30	17.3	2.0	37.4	17.0
M01-269046	46.3	15	2.5	1.6	29	19.4	1.9	36.6	17.8
M01-278013	51.4	4	4.2	2.0	29	19.3	1.5	34.6	19.4
M02-115031	39.6	31	-3.0	1.5	29	16.7	2.1	35.2	18.3
ND02-878	41.3	29	-4.0	1.3	23	19.1	1.9	36.2	18.1
ND02-2367	45.3	20	-3.5	1.5	28	17.3	2.2	35.1	18.6
ND03-5026	45.6	17	-3.3	1.7	28	17.8	1.8	34.9	19.3
ND03-5042	43.4	24	-4.0	1.7	28	17.8	1.9	34.9	19.0
ND03-5706	43.5	22	-4.2	1.6	28	18.4	1.9	35.2	19.2
ND03-6787	42.2	28	-3.8	1.5	29	20.8	2.3	35.3	18.6
ND03-7566	41.2	30	-0.3	1.7	26	16.2	2.3	36.4	17.9
ND04-11538	39.0	32	-2.7	2.2	30	16.0	1.9	35.4	18.3
ND04-11674	44.4	21	-5.5	1.8	29	17.8	2.4	35.3	18.3
ND04-12209	42.8	26	-2.2	1.2	27	16.7	1.9	34.7	18.8
ND04-12567	43.5	22	1.3	1.6	28	18.4	1.9	35.4	18.1
ND04-12647	37.7	34	-3.8	1.7	25	15.8	2.2	35.6	18.6
ND04-13387	45.6	17	-0.5	1.8	30	19.4	2.2	38.0	16.9
OAC 05-30	51.0	5	7.0	1.7	30	18.4	2.1	34.5	18.6
SD04CV-261	48.1	11	3.2	1.7	32	18.0	1.9	34.6	19.1
SD04CV-393	46.5	14	1.3	1.7	28	18.4	2.1	35.9	18.4
SD04CV-405	52.6	2	11.2	1.5	30	16.0	2.1	36.1	17.4
SD04CV-424	47.9	12	4.8	1.5	29	18.4	1.9	33.9	18.6
SD04CV-534	48.4	8	3.0	1.2	27	21.6	2.1	35.9	18.7
SD04CV-564	49.9	7	4.3	1.2	28	21.2	2.2	35.3	18.9
SD04CV-611	50.8	6	6.3	1.3	29	23.4	2.1	36.7	18.4
SD04CV-613	51.9	3	6.3	1.4	29	22.4	2.0	36.8	18.1

114.9 Days After Planting

PRELIMINARY TEST 0, 2007

YIELD (bu/a)

Strain	Mean 6 Tests	Morris* MN	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	46.7	18.6	31.8	49.2	35.6	49.8	71.4	42.5
MN1410 (I)	53.8	22.7	36.7	61.4	49.7	48.4	80.1	46.3
Surge (L)	48.2	19.0	38.4	50.8	43.0	42.4	74.2	40.2
Traill (E)	37.9	18.2	27.5	45.0	28.0	41.7	52.4	32.8
M01-213045	48.4	21.1	40.2	47.8	36.3	56.5	65.6	44.2
M01-221039	46.0	16.6	37.0	42.9	40.9	49.6	63.4	42.2
M01-241048	42.8	22.9	40.1	42.8	41.4	42.8	46.4	43.5
M01-242042	45.4	19.6	35.3	48.9	42.0	45.7	65.1	35.3
M01-257028	43.4	21.4	31.1	36.8	43.1	42.2	65.5	42.0
M01-269046	46.3	19.5	33.9	45.4	37.0	49.5	66.4	45.5
M01-278013	51.4	19.1	30.2	52.7	47.2	53.0	79.1	46.1
M02-115031	39.6	16.8	32.8	42.5	35.2	42.8	50.1	34.3
ND02-878	41.3	14.6	35.5	46.2	28.7	39.6	56.9	41.2
ND02-2367	45.3	16.8	36.9	45.2	36.8	44.2	65.3	43.2
ND03-5026	45.6	18.5	39.2	40.7	38.2	50.0	69.2	36.5
ND03-5042	43.4	16.0	35.3	40.4	38.4	45.2	68.1	33.3
ND03-5706	43.5	18.4	35.2	41.5	36.5	42.4	68.5	37.2
ND03-6787	42.2	18.4	36.8	45.4	35.3	43.0	53.3	39.7
ND03-7566	41.2	20.7	31.6	39.5	34.2	41.0	61.5	39.6
ND04-11538	39.0	19.6	28.9	33.5	35.5	45.4	54.1	36.9
ND04-11674	44.4	18.1	32.9	46.0	43.1	47.5	61.8	35.4
ND04-12209	42.8	18.4	32.6	47.7	35.5	45.9	59.3	35.7
ND04-12567	43.5	21.6	38.7	48.5	39.1	41.8	54.0	38.7
ND04-12647	37.7	14.2	32.3	30.3	28.0	41.9	61.4	32.1
ND04-13387	45.6	20.6	37.0	38.5	42.5	48.3	68.0	39.4
OAC 05-30	51.0	18.5	35.5	58.9	49.8	47.4	68.3	46.0
SD04CV-261	48.1	21.0	34.5	47.5	46.2	47.0	62.4	51.2
SD04CV-393	46.5	18.2	33.1	45.6	46.0	44.3	64.3	45.6
SD04CV-405	52.6	23.4	36.5	55.3	53.8	46.7	70.9	52.4
SD04CV-424	47.9	24.2	35.8	46.4	38.3	51.9	68.7	46.3
SD04CV-534	48.4	16.4	33.8	48.3	44.1	46.4	74.0	43.5
SD04CV-564	49.9	18.7	31.6	56.6	43.6	48.3	74.1	45.0
SD04CV-611	50.8	18.2	38.8	48.7	43.3	48.9	78.6	46.3
SD04CV-613	51.9	13.7	38.1	57.6	50.6	48.2	70.6	46.6
C.V. (%)		14.2	10.1	7.4	8.7	7.3	4.6	9.3
L.S.D. (5%)		5.4	7.1	5.8	8.2	7.0	6.1	7.8
Row Sp. (In.)		10	10	16	14	14	7	30
Rows/Plot		4	4	4	4	4	5	4
Reps		2	2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST 0, 2007

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	13	17	28	8	26	5	7	16
MN1410 (I)	1	4	12	1	4	9	1	4
Surge (L)	10	15	6	7	13	27	4	20
Traill (E)	33	23	34	23	33	32	32	33
M01-213045	8	7	1	13	25	1	17	12
M01-221039	16	29	8	24	17	6	22	17
M01-241048	26	3	2	25	16	25	34	13
M01-242042	19	11	17	9	15	19	20	30
M01-257028	24	6	31	32	11	29	18	18
M01-269046	15	13	21	21	22	7	16	10
M01-278013	4	14	32	6	5	2	2	7
M02-115031	31	27	25	26	30	25	33	31
ND02-878	29	32	15	17	32	34	28	19
ND02-2367	20	27	10	22	23	23	19	15
ND03-5026	17	18	3	28	21	4	10	27
ND03-5042	24	31	17	29	19	21	14	32
ND03-5706	22	20	19	27	24	27	12	25
ND03-6787	28	20	11	20	29	24	31	21
ND03-7566	30	9	29	30	31	33	25	22
ND04-11538	32	11	33	33	27	20	29	26
ND04-11674	21	26	24	18	11	13	24	29
ND04-12209	26	20	26	14	27	18	27	28
ND04-12567	22	5	5	11	18	31	30	24
ND04-12647	34	33	27	34	33	30	26	34
ND04-13387	17	10	8	31	14	10	15	23
OAC 05-30	5	18	15	2	3	14	13	8
SD04CV-261	11	8	20	15	6	15	23	2
SD04CV-393	14	23	23	19	7	22	21	9
SD04CV-405	2	2	13	5	1	16	8	1
SD04CV-424	12	1	14	16	20	3	11	4
SD04CV-534	8	30	22	12	8	17	6	13
SD04CV-564	7	16	29	4	9	10	5	11
SD04CV-611	6	23	4	10	10	8	3	4
SD04CV-613	3	34	7	3	2	12	9	3

PRELIMINARY TEST 0, 2007

MATURITY (date)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	9/14		9/20	9/15	9/12	9/11	9/14	9/13
MN1410 (I)	10.7		4	10	12	22	8	8
Surge (L)	5.7		2	5	5	15	6	1
Traill (E)	-6.7		-7	-10	-4	-4	-8	-7
M01-213045	-2.3		-2	-4	-2	-2	-2	-2
M01-221039	2.7		3	2	4	1	1	5
M01-241048	4.3		3	2	2	10	5	4
M01-242042	-2.6		-2	-3	-3	-2	-3	
M01-257028	7.5		0	7	11	15	8	4
M01-269046	2.5		0	3	4	0	4	4
M01-278013	4.2		3	3	7	3	5	4
M02-115031	-3.0		-3	-3	-3	-4	-3	-2
ND02-878	-4.0		-3	-4	-6	-5	-4	-2
ND02-2367	-3.5		-3	-5	-5	-4	-3	-1
ND03-5026	-3.3		-3	-5	-4	-1	-1	-6
ND03-5042	-4.0		-3	-7	-2	-3	-3	-6
ND03-5706	-4.2		-3	-7	-5	-3	-3	-4
ND03-6787	-3.8		-3	-5	-1	-3	-6	-5
ND03-7566	-0.3		-2	2	1	0	-1	-2
ND04-11538	-2.7		-2	-6	0	-2	-2	-4
ND04-11674	-5.5		-7	-7	-4	-3	-5	-7
ND04-12209	-2.2		-2	-3	-4	-2	0	-2
ND04-12567	1.3		0	4	3	0	1	0
ND04-12647	-3.8		-3	-4	-4	-4	-3	-5
ND04-13387	-0.5		-2	-2	0	0	1	0
OAC 05-30	7.0		4	9	13	2	7	7
SD04CV-261	3.2		-2	5	3	4	4	5
SD04CV-393	1.3		-2	2	3	-1	2	4
SD04CV-405	11.2		5	10	11	23	11	7
SD04CV-424	4.8		3	8	5	3	7	3
SD04CV-534	3.0		-2	1	4	8	4	3
SD04CV-564	4.3		3	5	0	9	5	4
SD04CV-611	6.3		3	8	7	9	7	4
SD04CV-613	6.3		3	6	9	8	8	4
Date Planted	5/22	5/4	6/5	5/18	6/1	5/22	5/25	5/19
Days to Mature	115		107	120	103	112	112	117

PRELIMINARY TEST 0, 2007

LODGING (score)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	1.7		2.5	2.3	1.0	1.0	1.5	2.0
MN1410 (I)	1.7		2.5	1.9	1.0	1.0	1.5	2.0
Surge (L)	1.2		2.0	1.4	1.0	1.0	1.0	1.0
Traill (E)	1.8		3.5	1.5	1.0	1.0	1.5	2.0
M01-213045	2.1		3.5	2.8	1.0	1.0	1.0	3.0
M01-221039	1.8		3.0	2.3	1.0	1.0	1.5	2.0
M01-241048	1.6		2.5	1.9	1.0	1.0	1.0	2.0
M01-242042	1.5		2.5	1.2	1.0	1.0	1.0	2.0
M01-257028	2.0		3.0	2.7	1.0	1.0	2.0	2.0
M01-269046	1.6		2.5	1.7	1.0	1.0	1.5	2.0
M01-278013	2.0		3.0	2.1	1.0	1.0	2.0	3.0
M02-115031	1.5		2.0	1.9	1.0	1.0	1.0	2.0
ND02-878	1.3		2.0	1.5	1.0	1.0	1.0	1.0
ND02-2367	1.5		2.5	1.3	1.0	1.0	1.0	2.0
ND03-5026	1.7		2.5	2.5	1.0	1.0	1.0	2.0
ND03-5042	1.7		2.5	2.4	1.0	1.0	1.0	2.0
ND03-5706	1.6		2.5	2.3	1.0	1.0	1.0	2.0
ND03-6787	1.5		2.5	1.7	1.0	1.0	1.0	2.0
ND03-7566	1.7		3.5	1.8	1.0	1.0	1.0	2.0
ND04-11538	2.2		4.0	2.8	1.0	1.0	1.5	3.0
ND04-11674	1.8		3.5	2.2	1.0	1.0	1.0	2.0
ND04-12209	1.2		2.0	1.3	1.0	1.0	1.0	1.0
ND04-12567	1.6		2.5	2.1	1.0	1.0	1.0	2.0
ND04-12647	1.7		3.0	3.4	1.0	1.0	1.0	1.0
ND04-13387	1.8		3.0	2.0	1.0	1.0	1.5	2.0
OAC 05-30	1.7		2.5	2.2	1.0	1.0	1.5	2.0
SD04CV-261	1.7		2.5	2.4	1.0	1.0	1.5	2.0
SD04CV-393	1.7		3.0	1.9	1.0	1.0	1.0	2.0
SD04CV-405	1.5		3.0	1.8	1.0	1.0	1.0	1.0
SD04CV-424	1.5		2.0	1.9	1.0	1.0	1.0	2.0
SD04CV-534	1.2		1.5	1.9	1.0	1.0	1.0	1.0
SD04CV-564	1.2		1.5	1.2	1.0	1.0	1.5	1.0
SD04CV-611	1.3		1.5	2.5	1.0	1.0	1.0	1.0
SD04CV-613	1.4		2.5	1.7	1.0	1.0	1.0	1.0

PRELIMINARY TEST 0, 2007

PLANT HEIGHT (inches)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	30	33	34	35	22	25	31	31
MN1410 (I)	31	30	35	35	26	27	35	32
Surge (L)	27	27	33	31	21	22	31	23
Traill (E)	27	30	32	30	22	22	27	25
M01-213045	34	32	39	39	23	31	34	38
M01-221039	31	30	39	35	27	26	32	31
M01-241048	33	35	39	37	27	29	30	32
M01-242042	28	29	32	33	23	22	29	28
M01-257028	30	30	34	35	28	29	32	24
M01-269046	29	28	31	33	25	28	30	31
M01-278013	29	28	32	33	24	25	32	30
M02-115031	29	30	29	33	27	24	30	30
ND02-878	23	24	29	25	16	18	27	24
ND02-2367	28	27	33	33	22	21	31	29
ND03-5026	28	29	34	33	20	25	30	27
ND03-5042	28	26	31	35	24	26	29	28
ND03-5706	28	28	34	33	19	23	28	29
ND03-6787	29	30	31	31	25	26	32	28
ND03-7566	26	29	31	33	19	22	28	23
ND04-11538	30	30	35	33	21	25	30	35
ND04-11674	29	29	33	31	27	23	30	30
ND04-12209	27	28	34	31	20	26	29	23
ND04-12567	28	27	33	35	22	23	28	25
ND04-12647	25	27	27	31	23	20	26	20
ND04-13387	30	29	34	35	27	24	32	29
OAC 05-30	30	32	39	35	27	22	30	27
SD04CV-261	32	33	35	37	26	30	33	32
SD04CV-393	28	26	32	33	26	24	29	26
SD04CV-405	30	28	35	35	24	27	32	31
SD04CV-424	29	31	33	37	23	24	30	28
SD04CV-534	27	26	31	33	23	23	29	27
SD04CV-564	28	26	30	31	23	28	31	30
SD04CV-611	29	26	34	33	23	27	29	28
SD04CV-613	29	26	32	33	25	26	33	28

PRELIMINARY TEST 0, 2007

SEED SIZE (g/100)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	17.7	14.9	19.4	15.8	17.7	20.1	15.6	20.3
MN1410 (I)	18.9	15.5	17.7	18.7	20.3	23.4	17.5	19.4
Surge (L)	22.4	18.2	22.2	19.8	23.7	28.5	20.0	24.1
Traill (E)	17.8	14.7	18.0	16.6	18.8	22.5	15.6	18.6
M01-213045	15.6	13.8	16.8	13.4	16.4	17.6	13.9	17.2
M01-221039	19.1	15.5	18.7	16.6	19.8	24.4	17.7	20.9
M01-241048	15.1	13.4	16.7	13.1	15.1	19.4	12.2	15.9
M01-242042	18.2	15.7	18.9	17.8	17.8	21.0	17.0	19.5
M01-257028	17.3	14.7	16.3	15.4	17.5	21.1	16.5	19.6
M01-269046	19.4	16.6	18.8	17.3	20.1	24.6	17.7	20.4
M01-278013	19.3	16.0	20.3	18.5	20.8	20.6	18.1	20.7
M02-115031	16.7	14.7	17.7	14.8	17.7	20.5	14.3	17.5
ND02-878	19.1	15.6	20.2	18.1	20.2	20.7	17.1	21.9
ND02-2367	17.3	14.8	16.5	15.9	18.4	20.2	14.8	20.6
ND03-5026	17.8	15.3	17.7	15.5	19.6	19.9	16.9	19.6
ND03-5042	17.8	15.2	18.5	15.0	18.6	20.5	16.2	20.4
ND03-5706	18.4	16.1	17.2	15.8	19.1	21.6	17.9	20.8
ND03-6787	20.8	17.7	20.6	20.6	21.6	22.8	19.3	22.7
ND03-7566	16.2	13.8	17.4	14.5	16.8	18.7	14.3	18.1
ND04-11538	16.0	14.3	17.1	13.4	15.8	19.5	13.3	18.7
ND04-11674	17.8	15.9	17.4	16.3	18.5	21.6	15.3	19.6
ND04-12209	16.7	15.0	16.6	14.9	17.7	19.1	14.8	18.6
ND04-12567	18.4	16.4	19.0	17.5	18.3	22.5	16.0	19.0
ND04-12647	15.8	14.3	16.5	13.7	15.8	18.5	14.5	17.2
ND04-13387	19.4	16.4	19.4	16.5	20.2	24.1	18.2	20.7
OAC 05-30	18.4	13.9	16.1	20.2	20.0	24.1	18.2	16.6
SD04CV-261	18.0	15.5	17.1	17.7	17.2	23.0	16.3	19.1
SD04CV-393	18.4	14.6	18.3	16.3	19.5	23.4	16.7	19.8
SD04CV-405	16.0	13.8	15.1	15.8	17.8	18.3	15.6	15.6
SD04CV-424	18.4	14.6	17.3	17.3	20.2	23.5	16.9	19.3
SD04CV-534	21.6	17.8	21.8	20.2	23.5	24.7	19.2	23.8
SD04CV-564	21.2	17.6	20.8	20.8	21.9	25.1	19.1	22.8
SD04CV-611	23.4	20.5	22.6	22.2	22.9	27.3	22.3	25.8
SD04CV-613	22.4	19.8	21.8	22.7	22.6	25.0	20.9	24.2

PRELIMINARY TEST 0, 2007

SEED QUALITY (score)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	1.9	2.5	3.0	1.0	1.5	2.0	1.0	2.0
MN1410 (I)	1.9	3.0	2.0	1.0	1.5	2.0	1.5	2.0
Surge (L)	1.7	2.5	2.0	1.0	1.5	2.0	1.0	2.0
Traill (E)	1.8	2.0	2.0	1.0	2.0	2.5	1.0	2.0
M01-213045	1.7	2.5	2.0	1.0	1.5	2.0	1.0	2.0
M01-221039	2.0	2.5	2.0	1.5	2.0	3.0	1.0	2.0
M01-241048	1.7	2.0	1.5	1.0	1.5	2.0	2.0	2.0
M01-242042	1.8	2.5	2.5	1.0	2.0	1.5	1.0	2.0
M01-257028	2.0	3.0	3.0	1.0	1.5	2.0	1.5	2.0
M01-269046	1.9	2.0	3.0	1.0	2.0	2.5	1.0	2.0
M01-278013	1.5	1.5	1.5	1.0	1.5	2.0	1.0	2.0
M02-115031	2.1	3.0	2.0	1.0	2.0	3.5	1.5	2.0
ND02-878	1.9	2.5	3.0	1.0	1.5	2.5	1.0	2.0
ND02-2367	2.2	3.0	2.5	1.0	1.5	2.5	1.0	4.0
ND03-5026	1.8	2.0	2.0	1.0	1.5	2.0	1.0	3.0
ND03-5042	1.9	2.5	2.5	1.0	1.5	2.0	1.0	3.0
ND03-5706	1.9	2.0	1.5	1.0	2.0	2.0	1.0	4.0
ND03-6787	2.3	3.0	2.0	1.0	2.0	2.5	1.5	4.0
ND03-7566	2.3	2.5	2.5	1.0	2.0	3.0	1.0	4.0
ND04-11538	1.9	2.5	2.5	1.0	2.0	1.5	1.0	3.0
ND04-11674	2.4	4.0	2.0	1.0	2.0	2.5	1.0	4.0
ND04-12209	1.9	2.0	2.0	1.0	1.5	2.0	1.0	4.0
ND04-12567	1.9	2.5	2.5	1.0	1.5	2.0	1.0	3.0
ND04-12647	2.2	3.5	2.0	1.0	1.5	2.5	1.0	4.0
ND04-13387	2.2	4.0	2.5	1.0	1.5	2.5	1.0	3.0
OAC 05-30	2.1	4.0	2.0	1.0	1.5	2.0	1.5	3.0
SD04CV-261	1.9	3.0	1.5	1.0	2.0	2.0	1.0	3.0
SD04CV-393	2.1	3.0	2.0	1.0	2.0	2.5	1.5	3.0
SD04CV-405	2.1	3.5	1.5	1.0	2.0	2.5	1.0	3.0
SD04CV-424	1.9	3.0	1.5	1.0	1.5	2.5	1.0	3.0
SD04CV-534	2.1	3.0	2.0	1.0	2.0	3.0	1.0	3.0
SD04CV-564	2.2	3.0	2.0	1.0	1.5	2.5	1.5	4.0
SD04CV-611	2.1	3.5	1.5	1.0	1.5	2.0	2.0	3.0
SD04CV-613	2.0	3.5	2.0	1.0	1.5	2.0	1.0	3.0

PRELIMINARY TEST 0, 2007

PROTEIN (%)

Strain	Mean 6 Tests	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	36.1	34.9	35.8	38.2	37.1	34.8	35.7
MN1410 (I)	36.0	35.0	34.4	36.5	38.9	34.1	37.2
Surge (L)	36.8	34.3	35.8	38.3	39.1	35.5	37.8
Traill (E)	37.2	35.4	37.5	39.2	38.5	35.7	36.8
M01-213045	34.9	33.7	34.2	38.2	35.7	32.2	35.2
M01-221039	35.7	34.2	35.2	38.6	37.3	34.5	34.7
M01-241048	35.5	35.1	35.1	36.7	37.9	33.4	34.7
M01-242042	36.1	34.7	35.6	39.2	37.7	34.2	35.4
M01-257028	37.4	36.3	36.5	38.8	39.6	35.6	37.8
M01-269046	36.6	35.0	35.4	36.9	39.3	35.6	37.2
M01-278013	34.6	34.5	33.8	38.0	34.9	32.2	34.1
M02-115031	35.2	32.8	35.1	38.9	37.1	33.4	34.1
ND02-878	36.2	33.5	36.5	38.3	38.1	35.3	35.8
ND02-2367	35.1	33.7	34.4	37.9	36.8	33.1	34.7
ND03-5026	34.9	33.6	35.3	35.6	36.9	33.2	34.5
ND03-5042	34.9	33.6	35.2	37.6	35.4	33.6	33.8
ND03-5706	35.2	33.2	35.2	37.4	36.5	33.9	34.7
ND03-6787	35.3	32.7	35.5	39.1	35.8	34.0	34.8
ND03-7566	36.4	36.1	35.7	36.0	37.8	35.4	37.6
ND04-11538	35.4	33.7	34.6	40.7	35.5	33.6	34.0
ND04-11674	35.3	34.2	35.8	38.0	36.7	34.0	33.3
ND04-12209	34.7	32.6	34.7	37.0	35.8	34.0	34.0
ND04-12567	35.4	33.4	35.8	35.1	37.8	34.9	35.5
ND04-12647	35.6	34.1	37.5	35.9	36.4	35.1	34.4
ND04-13387	38.0	37.7	37.4	37.0	40.5	37.1	38.4
OAC 05-30	34.5	33.1	34.8	35.5	36.9	33.4	33.4
SD04CV-261	34.6	31.8	33.2	39.1	37.9	32.3	33.6
SD04CV-393	35.9	35.3	35.2	36.5	37.6	35.1	35.8
SD04CV-405	36.1	35.6	36.1	36.7	37.6	34.9	35.9
SD04CV-424	33.9	31.9	33.9	35.9	36.2	32.2	33.4
SD04CV-534	35.9	34.6	34.9	36.9	37.1	34.7	37.0
SD04CV-564	35.3	34.4	34.3	36.0	37.6	34.1	35.7
SD04CV-611	36.7	35.5	36.3	36.5	39.0	36.2	36.7
SD04CV-613	36.8	35.1	35.8	38.1	38.8	36.0	36.8

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

PRELIMINARY TEST 0, 2007

OIL (%)

Strain	Mean 6 Tests	Rosemount MN	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Mathieu de-Beloeil Que.	Aurora SD
Lambert (O)	18.9	18.6	19.0	18.3	17.8	20.7	18.9
MN1410 (I)	18.4	17.9	19.3	18.0	17.1	20.2	17.6
Surge (L)	18.1	18.6	18.9	17.4	16.8	19.5	17.7
Traill (E)	17.2	17.4	17.1	16.5	16.8	18.6	17.1
M01-213045	18.1	18.4	18.3	16.9	18.0	19.8	17.3
M01-221039	18.5	17.9	18.9	17.1	18.0	20.1	18.7
M01-241048	18.5	17.9	18.6	18.7	17.2	20.0	18.3
M01-242042	18.2	18.2	18.7	17.1	17.5	19.6	18.1
M01-257028	17.0	16.7	17.3	17.6	16.1	18.4	16.1
M01-269046	17.8	17.8	18.2	18.0	16.6	19.0	16.9
M01-278013	19.4	19.1	19.8	18.4	18.4	21.1	19.5
M02-115031	18.3	18.8	17.9	17.1	17.6	19.7	18.5
ND02-878	18.1	18.5	17.7	17.7	18.1	19.0	17.6
ND02-2367	18.6	18.9	18.8	17.3	18.0	20.0	18.5
ND03-5026	19.3	19.6	18.8	19.2	18.3	20.6	19.6
ND03-5042	19.0	19.9	18.6	17.9	18.5	20.3	19.0
ND03-5706	19.2	20.4	18.9	17.8	18.3	20.3	19.3
ND03-6787	18.6	19.4	18.5	16.9	18.4	19.9	18.7
ND03-7566	17.9	17.2	18.3	18.5	16.7	19.1	17.5
ND04-11538	18.3	19.1	18.4	15.8	18.4	19.7	18.2
ND04-11674	18.3	17.7	18.0	18.0	17.6	19.5	19.2
ND04-12209	18.8	19.4	18.7	18.4	17.7	19.4	19.0
ND04-12567	18.1	18.6	18.1	18.5	16.8	19.0	17.9
ND04-12647	18.6	19.1	17.5	18.7	17.9	19.3	19.3
ND04-13387	16.9	16.6	16.9	18.1	16.0	17.9	16.1
OAC 05-30	18.6	18.1	19.2	18.2	17.7	19.7	18.7
SD04CV-261	19.1	19.8	20.1	16.8	17.6	20.5	19.6
SD04CV-393	18.4	18.4	18.7	18.6	17.5	19.3	17.7
SD04CV-405	17.4	17.2	17.6	17.4	16.3	18.4	17.4
SD04CV-424	18.6	18.7	18.6	18.4	17.7	19.9	18.4
SD04CV-534	18.7	18.6	19.4	18.2	17.6	20.2	18.0
SD04CV-564	18.9	19.1	19.7	18.5	17.7	20.2	18.4
SD04CV-611	18.4	18.8	18.6	18.5	17.1	19.1	18.2
SD04CV-613	18.1	18.4	19.0	17.7	16.9	18.5	18.2

Uniform Test I, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	MN1410 (I)	MN0302 x Archer	2	F5	Rps1-k, BSR
2.	IA1022 (SCN)	Dairyland 98822 x A00-711024	1	F5	SCN
3.	Lambert (0)	M75-274 x M76-151	14	F5	Rps1
4.	IA1021	NE1900 x Pioneer XB28V99	3		
5.	SD00-266	M91-821 x E93424	1	F5	
6.	SD02-14	A2242 X IA2021	1	F4	Rps1-k
7.	SD02-906	Pion9151 x M90-1279	1	F4	Rps1-k
8.	SD02-923	Pioneer P.9172 x IA2021	1	F4	Rps1-k
9.	SD03-1254	IA2021 x LG92-7054	PTI	F5	Rps1-k
10.	SD03-1594	PION9172 x A96-492058	PTI	F5	Rps1-k
11.	SD03-1603	PION9172 x A96-492058	PTI	F5	Rps1-k
12.	SD03-1607	PION9172 x A96-492058	PTI	F5	Rps1-k
13.	U03-100612	U99-009019 x P92B12	PTI	F5	SCN, Rps1-k

UNIFORM TEST I, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Chlorosis</u>			<u>Green Stem</u>	<u>Shattering</u>
		Humboldt IA	Score Granite Falls MN	Wilkin County MN	Score St. Hyacinthe Que.	Score Manhattan KS
MN1410 (I)	WGBDYBfI	3.9	3.8	2.5	1.0	
IA1022 (SCN)	PGTDYYI	3.5	3.8	3.8	1.0	
Lambert (0)	PGBIYBfI	2.5	3.3	2.5	1.0	2.0
IA1021	PLtBDYYI	4.5	4.0	3.8	1.0	2.0
SD00-266	PGTDYGrI	4.3	4.3	3.0	1.0	2.0
SD02-14	WTBDYGrI	4.3	4.0	3.3	1.0	3.0
SD02-906	PTBDYBII	3.6	3.0	2.8	1.0	2.0
SD02-923	WTBIYBII	4.3	3.8	2.3	1.5	2.0
SD03-1254	PTBIYBII	3.9	3.8	3.0	1.0	2.0
SD03-1594	PTBDYBII	4.1	4.0	3.0	1.0	2.0
SD03-1603	PTBDYBII	4.9	4.5	4.0	1.5	2.0
SD03-1607	PTBIYBII	4.8	4.5	3.5	1.0	2.0
U03-100612	PLtBDYBII	3.8	4.0	2.5	1.5	1.0

UNIFORM TEST I, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	<u>NSC</u>	<u>PR</u>		<u>FE</u>	<u>SDS</u>	
	Score (0-10) Brookings SD	Lafayette Race 4	Race 7	Laf. a rx.	DX Paris IL	DX Pomtiac IL
MN1410 (I)	5.3	S*	S*	S	0	1
IA1022 (SCN)	5.0	S	R*	S	7	9
Lambert (0)	4.8	S	S	S	0	1
IA1021	5.3	S	S	S	0	2
SD00-266	5.0	S	S	S	0	1
SD02-14	5.3	R	R	S	0	2
SD02-906	5.3	R	R	S	0	1
SD02-923	3.8	R	R	S	0	2
SD03-1254	4.0	R	R	S	0	4
SD03-1594	5.3	S*	S*	S	0	4
SD03-1603	4.7	R	R	S	0	1
SD03-1607	4.7	R	R	S	0	1
U03-100612	5.3	S*	S*	S	1	0

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait
 FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST I, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	13 bu/a	13 No.	12 Date	13 Score	12 In.	13 g/100	10 Score	Protein 9 %	Oil 9 %
MN1410 (I)	56.5	4	9/15	1.3	33	18.2	2.3	35.6	18.4
IA1022 (SCN)	61.1	2	4.1	1.6	32	15.9	1.9	32.5	19.8
Lambert (0)	46.1	13	-5.5	1.5	28	16.4	2.3	34.6	19.7
IA1021	57.3	3	1.9	1.6	33	17.1	2.1	34.5	17.8
SD00-266	52.2	12	-0.9	1.3	30	17.2	2.6	33.9	19.1
SD02-14	52.6	11	2.6	1.7	32	15.8	2.1	34.7	18.2
SD02-906	53.4	10	2.0	1.5	34	18.7	2.3	34.4	19.1
SD02-923	55.4	6	5.0	1.5	34	14.6	1.9	33.8	18.3
SD03-1254	55.2	8	2.5	1.5	30	16.2	1.8	34.3	19.0
SD03-1594	55.9	5	2.5	1.3	33	18.1	1.8	34.4	17.9
SD03-1603	55.4	6	1.0	1.2	30	18.7	2.0	35.0	17.4
SD03-1607	54.7	9	1.2	1.3	32	16.6	1.9	34.3	18.6
U03-100612	63.0	1	2.9	1.3	30	16.2	2.0	33.5	19.2

119.1 Days After Planting

UNIFORM TEST I, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	26 bu/a	26 No.	24 Date	26 Score	24 In.	26 g/100	16 Score	Protein 16 %	Oil 16 %
M98-227065 (I)	56.5	2	9/14	1.5	34	17.4	2.1	35.4	17.9
Lambert (0)	45.0	7	-6.1	1.7	28	16.1	2.2	35.4	19.0
IA1021	58.2	1	1.9	1.8	33	16.9	2.0	34.7	17.2
SD00-266	52.7	6	-1.1	1.5	31	16.7	2.2	34.0	18.5
SD02-14	53.1	5	2.8	1.8	33	15.5	2.2	34.7	17.6
SD02-906	53.9	4	1.6	1.7	35	18.4	2.1	34.2	18.6
SD02-923	54.9	3	5.1	1.6	35	14.6	2.0	33.7	17.7

118.5 Days After Planting

UNIFORM TEST I, 2007

YIELD (bu/a)

Strain	Mean 13 Tests	Ames* IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	56.5	40.8	61.5	45.2	46.6	24.4	48.7	50.8
IA1022 (SCN)	61.1	36.6	57.5	52.8	57.7	45.0	49.3	62.1
Lambert (O)	46.1	26.3	39.8	36.4	32.7	24.4	42.3	53.5
IA1021	57.3	40.2	59.3	45.5	51.3	33.9	58.4	63.6
SD00-266	52.2	41.8	54.8	37.3	41.1	22.7	49.2	52.7
SD02-14	52.6	40.7	51.0	37.4	44.9	32.9	49.1	57.3
SD02-906	53.4	34.0	61.5	48.5	48.9	27.7	53.2	51.8
SD02-923	55.4	36.6	59.1	43.8	50.4	33.0	55.3	54.0
SD03-1254	55.2	34.7	55.2	39.6	46.3	27.0	53.7	52.6
SD03-1594	55.9	34.8	60.7	47.5	44.5	30.3	50.9	53.1
SD03-1603	55.4	35.0	58.3	47.7	44.6	27.5	49.2	58.3
SD03-1607	54.7	40.6	51.6	46.2	44.2	34.1	52.2	55.3
U03-100612	63.0	48.5	65.0	51.3	58.2	40.3	60.5	59.8
C.V. (%)		16.5	8.1	6.9	7.1	9.8	8.4	12.8
L.S.D. (5%)		13.6	10.0	5.2	5.7	5.4	7.7	11.6
Row Sp. (In.)		27	27	30	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.

UNIFORM TEST I, 2007

YIELD RANK

Strain	Yield Rank	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	4	3	2	8	6	11	12	13
IA1022 (SCN)	2	7	8	1	2	1	8	2
Lambert (O)	13	13	13	13	13	12	13	8
IA1021	3	6	5	7	3	4	2	1
SD00-266	12	2	10	12	12	13	9	10
SD02-14	11	4	12	11	8	6	11	5
SD02-906	10	12	2	3	5	8	5	12
SD02-923	6	7	6	9	4	5	3	7
SD03-1254	8	11	9	10	7	10	4	11
SD03-1594	5	10	4	5	10	7	7	9
SD03-1603	6	9	7	4	9	9	10	4
SD03-1607	9	5	11	6	11	3	6	6
U03-100612	1	1	1	2	1	2	1	3

UNIFORM TEST I, 2007

YIELD (bu/a)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	57.6	62.4	70.0	61.6	74.4	82.8	48.9
IA1022 (SCN)	61.6	53.2	73.9	62.5	71.4	84.6	63.3
Lambert (0)	51.2	48.6	53.9	39.2	62.4	70.3	45.1
IA1021	48.1	60.7	60.6	57.6	62.4	80.5	62.9
SD00-266	54.6	46.4	63.9	44.6	68.5	87.4	55.6
SD02-14	47.9	55.6	62.3	54.1	63.7	74.2	53.6
SD02-906	49.8	50.5	65.7	55.2	60.4	67.8	52.9
SD02-923	53.3	45.1	61.4	60.3	67.0	78.6	59.1
SD03-1254	58.2	52.9	65.9	59.1	66.5	85.7	54.2
SD03-1594	54.8	56.0	66.3	57.3	73.6	81.3	50.7
SD03-1603	57.0	50.0	73.2	53.1	70.2	79.2	52.3
SD03-1607	52.4	52.8	63.4	57.9	66.1	82.4	52.1
U03-100612	59.5	63.3	75.0	66.8	71.4	86.0	61.7
C.V. (%)	10.2	14.3	6.5	9.4	7.6	4.2	7.6
L.S.D. (5%)	9.2	19.8	10.5	13.1	7.1	7.4	6.8
Row Sp. (In.)	10	30	30	30	17	7	30
Rows/Plot	8	4	4	4	5	5	4
Reps	3	2	2	2	3	2	3

UNIFORM TEST I, 2007

YIELD RANK

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	4	2	4	3	1	5	12
IA1022 (SCN)	1	6	2	2	3	4	1
Lambert (0)	10	11	13	13	11	12	13
IA1021	12	3	12	7	11	8	2
SD00-266	7	12	8	12	6	1	5
SD02-14	13	5	10	10	10	11	7
SD02-906	11	9	7	9	13	13	8
SD02-923	8	13	11	4	7	10	4
SD03-1254	3	7	6	5	8	3	6
SD03-1594	6	4	5	8	2	7	11
SD03-1603	5	10	3	11	5	9	9
SD03-1607	9	8	9	6	9	6	10
U03-100612	2	1	1	1	3	2	3

UNIFORM TEST I, 2007

MATURITY (date)

Strain	Mean 12 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	9/15	9/5		8/24	9/4	9/18	9/14	9/21
IA1022 (SCN)	4.1	4		9	5	0	3	3
Lambert (0)	-5.5	-8		-3	-9	-3	-4	-5
IA1021	1.9	3		5	4	1	3	2
SD00-266	-0.9	-2		1	0	-1	-1	0
SD02-14	2.6	6		7	6	0	0	3
SD02-906	2.0	3		9	6	-1	0	1
SD02-923	5.0	7		9	8	4	5	4
SD03-1254	2.5	5		5	5	0	2	1
SD03-1594	2.5	4		8	4	1	2	3
SD03-1603	1.0	4		8	2	0	1	1
SD03-1607	1.2	6		8	2	-1	0	2
U03-100612	2.9	3		8	4	1	3	2
Date Planted	5/19	5/12	5/11	5/7	5/10	5/11	5/12	5/22
Days to Mature	119	116		109	117	130	125	122

UNIFORM TEST I, 2007

LODGING (score)

Strain	Mean 13 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	1.3	1.5	2.0	1.0	1.0	1.0	1.0	1.7
IA1022 (SCN)	1.6	3.3	2.5	1.0	1.2	1.0	1.0	2.3
Lambert (0)	1.5	2.3	2.5	1.0	1.0	1.0	1.0	1.7
IA1021	1.6	2.3	2.3	1.0	1.3	1.0	1.0	2.3
SD00-266	1.3	1.8	1.5	1.0	1.0	1.0	1.0	1.3
SD02-14	1.7	2.5	2.3	1.0	1.3	1.0	1.0	2.3
SD02-906	1.5	2.8	2.5	1.0	1.5	1.0	1.0	1.7
SD02-923	1.5	2.3	2.3	1.0	1.0	1.0	1.0	2.3
SD03-1254	1.5	2.0	2.0	1.0	1.0	1.0	1.0	1.7
SD03-1594	1.3	1.8	2.0	1.0	1.0	1.0	1.0	1.7
SD03-1603	1.2	2.0	1.8	1.0	1.0	1.0	1.0	1.3
SD03-1607	1.3	2.0	1.8	1.0	1.0	1.0	1.0	2.0
U03-100612	1.3	2.5	2.0	1.0	1.0	1.0	1.0	1.3

UNIFORM TEST I, 2007

MATURITY (date)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	9/17	9/22		9/17	9/14	10/16	9/20
IA1022 (SCN)	6	3		1	8	3	
Lambert (0)	-6	-1		-3	-5	-13	-7
IA1021	3	-2		-2	2	4	0
SD00-266	0	0		-5	2	-4	-1
SD02-14	3	1		3	4	-2	0
SD02-906	2	2		3	-1	0	0
SD02-923	4	2		4	7	1	
SD03-1254	3	1		2	3	2	1
SD03-1594	2	1		3	3	-1	1
SD03-1603	2	-1		-1	0	-4	1
SD03-1607	1	0		0	1	-5	0
U03-100612	4	2		1	2	2	
Date Planted	5/15	6/2	6/5	5/22	5/24	6/13	5/19
Days to Mature	125	112		118	113	125	124

UNIFORM TEST I, 2007

LODGING (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	2.0	1.0		1.0	1.7	1.5	1.0
IA1022 (SCN)	2.7	1.0		1.0	1.3	1.5	1.0
Lambert (0)	2.0	1.5		1.0	1.0	1.0	2.0
IA1021	2.3	1.0		2.0	1.7	1.0	2.0
SD00-266	2.0	1.0		1.0	1.3	1.0	2.0
SD02-14	2.3	1.5		1.5	2.3	1.5	2.0
SD02-906	2.3	1.0		2.0	1.3	1.0	1.0
SD02-923	2.0	1.0		2.0	1.7	1.0	1.0
SD03-1254	2.3	1.0		2.0	2.0	1.0	1.0
SD03-1594	2.3	1.0		1.0	1.7	1.0	1.0
SD03-1603	2.0	1.0		1.0	1.0	1.0	1.0
SD03-1607	2.0	1.0		1.0	1.7	1.0	1.0
U03-100612	2.0	1.0		1.0	1.0	1.0	1.0

UNIFORM TEST I, 2007**PLANT HEIGHT (inches)**

Strain	Mean 12 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	33	28	32	31	29	28	31	37
IA1022 (SCN)	32	28	29	30	28	30	25	36
Lambert (O)	28	20	26	26	24	24	25	35
IA1021	33	27	32	30	29	28	29	36
SD00-266	30	24	26	26	26	28	30	32
SD02-14	32	27	33	28	28	29	30	37
SD02-906	34	31	34	32	29	30	32	40
SD02-923	34	28	31	31	30	30	30	37
SD03-1254	30	22	30	28	26	24	28	35
SD03-1594	33	28	33	32	28	31	28	36
SD03-1603	30	25	29	30	27	28	26	33
SD03-1607	32	34	28	30	26	28	29	37
U03-100612	30	28	29	28	27	27	26	37

UNIFORM TEST I, 2007**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
MN1410 (I)	18.2	17.0	18.3	16.8	18.7	18.8	16.5	17.3
IA1022 (SCN)	15.9	14.2	15.6	15.3	14.9	18.5	16.3	15.2
Lambert (O)	16.4	16.9	16.9	16.4	16.0	18.6	14.3	15.4
IA1021	17.1	15.5	16.5	16.1	18.6	19.7	18.8	16.8
SD00-266	17.2	16.0	16.9	16.2	16.4	18.0	16.8	17.4
SD02-14	15.8	14.9	15.6	14.3	15.2	18.3	15.7	14.4
SD02-906	18.7	15.9	19.2	18.2	18.3	18.9	18.6	16.5
SD02-923	14.6	13.5	14.3	13.0	14.2	15.3	15.9	13.4
SD03-1254	16.2	14.8	15.8	13.6	16.7	17.8	17.3	15.6
SD03-1594	18.1	15.8	17.9	16.0	16.4	19.7	19.4	17.6
SD03-1603	18.7	16.5	18.8	17.5	18.3	18.8	18.8	17.7
SD03-1607	16.6	15.0	16.4	14.1	14.6	17.3	17.0	16.4
U03-100612	16.2	15.1	15.8	14.6	15.5	18.0	16.6	16.1

UNIFORM TEST I, 2007**PLANT HEIGHT (inches)**

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	38			33	38	38	30
IA1022 (SCN)	37			30	35	37	34
Lambert (0)	32			29	32	34	29
IA1021	37			32	37	37	36
SD00-266	34			26	36	37	31
SD02-14	38			31	37	34	34
SD02-906	40			30	38	37	32
SD02-923	41			33	40	36	35
SD03-1254	37			30	36	33	26
SD03-1594	39			33	40	38	32
SD03-1603	34			30	35	32	34
SD03-1607	39			34	38	36	30
U03-100612	36			29	35	33	29

UNIFORM TEST I, 2007**SEED SIZE (g/100)**

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	19.6	17.1	18.8	18.9		17.0	21.6
IA1022 (SCN)	17.1	14.6	15.0	15.6		16.9	17.5
Lambert (0)	17.1	15.6	16.6	15.2		15.8	18.5
IA1021	17.7	16.2	16.7	16.3		16.2	17.3
SD00-266	17.1	16.1	18.0	17.7		17.0	20.3
SD02-14	16.0	14.2	16.1	16.8		17.4	16.2
SD02-906	19.3	18.4	18.5	18.4		21.4	21.6
SD02-923	14.9	13.4	14.8	14.7		15.8	16.3
SD03-1254	16.2	14.2	16.7	14.9		18.4	18.1
SD03-1594	19.1	17.6	18.4	17.9		18.6	20.7
SD03-1603	19.4	19.5	18.9	18.0		20.0	20.7
SD03-1607	17.4	16.4	17.6	16.1		18.3	19.6
U03-100612	17.1	15.1	15.5	16.1		18.4	16.8

UNIFORM TEST I, 2007**SEED QUALITY (score)**

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
MN1410 (I)	2.3			2.0	2.0			1.5
IA1022 (SCN)	1.9			1.5	1.0			1.5
Lambert (O)	2.3			2.0	3.0			1.5
IA1021	2.1			2.0	1.0			1.5
SD00-266	2.6			2.0	2.0			1.5
SD02-14	2.1			2.5	1.5			1.5
SD02-906	2.3			2.0	1.5			1.0
SD02-923	1.9			1.5	1.0			1.5
SD03-1254	1.8			1.5	1.0			1.0
SD03-1594	1.8			1.5	1.5			1.5
SD03-1603	2.0			1.5	1.5			1.5
SD03-1607	1.9			2.0	1.0			1.5
U03-100612	2.0			1.5	1.5			1.5

UNIFORM TEST I, 2007**SEED QUALITY (score)**

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	1.5	3.0	3.0	3.0	3.0	1.0	3.0
IA1022 (SCN)	1.5	3.0	2.0	2.0	2.0	1.0	3.0
Lambert (0)	2.0	2.0	3.0	3.0	2.0	1.0	3.0
IA1021	1.5	2.0	3.0	3.0	3.0	1.0	3.0
SD00-266	1.5	4.0	3.0	3.0	4.0	1.0	4.0
SD02-14	1.5	2.0	2.0	3.0	3.3	1.0	3.0
SD02-906	1.5	4.0	3.0	3.0	4.0	1.0	2.0
SD02-923	1.5	3.0	2.0	2.0	3.7	1.0	2.0
SD03-1254	1.5	2.0	2.0	2.0	2.7	1.0	3.0
SD03-1594	1.5	2.0	2.0	2.0	3.0	1.0	2.0
SD03-1603	1.5	3.0	2.0	3.0	2.3	1.0	3.0
SD03-1607	1.5	3.0	2.0	2.0	2.3	1.0	3.0
U03-100612	1.5	3.0	2.0	3.0	2.7	1.0	2.0

UNIFORM TEST I, 2007

PROTEIN (%)

Strain	Mean 9 Tests	Charles City IA	Lafayette IN	Wanatah IN	Ingham MI	Lamberton MN	Waseca MN	Cotesfield NE	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	35.6	35.0	35.3	36.1	37.2	34.0	33.9	36.6	35.8	36.6
IA1022 (SCN)	32.5	32.4	32.9	33.6	34.7	30.2	29.7	33.2	32.4	33.4
Lambert (0)	34.6	35.1	34.7	35.4	37.0	32.3	32.1	35.6	35.6	33.6
IA1021	34.5	34.2	35.5	34.9	36.3	31.8	33.0	35.5	35.6	33.7
SD00-266	33.9	33.1	33.7	34.8	35.4	31.1	32.4	35.5	34.1	35.0
SD02-14	34.7	34.5	35.5	35.8	37.1	32.1	33.6	35.7	35.2	33.0
SD02-906	34.4	33.3	33.8	34.6	36.2	31.7	32.2	37.4	35.8	35.0
SD02-923	33.8	32.9	34.1	33.7	37.8	31.1	31.7	34.5	35.2	33.3
SD03-1254	34.3	34.0	34.3	35.1	36.6	30.8	31.3	36.0	35.0	35.2
SD03-1594	34.4	34.0	34.4	34.5	36.6	32.3	31.8	35.1	35.3	35.5
SD03-1603	35.0	34.7	35.3	35.3	37.1	32.7	33.6	35.6	35.4	35.1
SD03-1607	34.3	33.7	34.3	34.6	35.8	32.1	32.8	35.6	34.9	34.9
U03-100612	33.5	34.7	33.3	33.1	35.7	30.7	31.9	34.4	35.5	32.5

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

UNIFORM TEST I, 2007

OIL (%)

Strain	Mean 9 Tests	Charles City IA	Lafayette IN	Wanatah IN	Ingham MI	Lamberton MN	Waseca MN	Cotesfield NE	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	18.4	18.4	19.1	17.7	18.2	19.0	18.8	18.0	18.5	17.7
IA1022 (SCN)	19.8	20.2	21.0	19.5	18.8	20.5	20.4	19.4	19.6	18.6
Lambert (0)	19.7	19.5	20.2	20.4	19.5	20.6	20.8	18.5	18.2	19.6
IA1021	17.8	18.6	18.2	18.0	16.6	18.9	18.7	17.1	17.1	17.4
SD00-266	19.1	19.5	19.8	18.9	18.8	19.7	19.6	18.3	19.1	18.3
SD02-14	18.2	18.2	18.2	17.5	17.3	19.6	18.1	17.7	18.2	18.7
SD02-906	19.1	19.3	20.2	18.6	17.8	20.3	20.2	18.1	18.3	18.9
SD02-923	18.3	18.3	19.1	18.9	16.6	19.1	19.1	18.0	17.8	18.2
SD03-1254	19.0	18.6	20.1	19.5	18.2	20.4	20.2	17.8	18.4	17.7
SD03-1594	17.9	17.7	18.9	17.8	17.1	18.2	18.9	17.9	17.3	17.6
SD03-1603	17.4	17.0	18.1	17.4	16.4	18.1	17.9	16.8	17.6	17.4
SD03-1607	18.6	18.7	19.2	18.4	18.2	19.3	19.3	17.7	18.3	18.3
U03-100612	19.2	17.3	20.9	19.7	18.2	20.6	20.1	18.5	18.5	19.1

Preliminary Test I, 2007

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	MN1410 (I)	MN0302 x Archer	F5	Rps1-k, BSR
2.	IA1022 (SCN)	Dairyland 98822 x A00-711024	F5	SCN
3.	Lambert (0)	M75-274 x M76-151	F4	
4.	IA1021	NE1900 x Pioneer XB28V99		
5.	A06-711002	Dairyland 99345-31 x A02-236010	F4	
6.	A06-711004	Dairyland 99345-31 x Pioneer 91M10	F4	
7.	A06-711010	A01-409031 x Soygenetics 97-31055	F4	
8.	A06-711011	IA2068 x Pioneer 91M10	F4	SCN
9.	A06-711027	A02-338043 x Sygenta S16-Y6	F4	
10.	A06-711028	Pioneer 91M10 x Syngneta S18-N5	F4	SCN
11.	A06-711043	Pioneer 91M10 x Dairyland 99622	F4	
12.	A06-712002	Dairyland 99345-31 x A02-236010	F4	
13.	A06-712004	Dairyland 99345-31 x A02-236010	F4	
14.	A06-712007	Dairyland 99630 x A02-237015	F4	
15.	A06-712030	Dairyland 99630 x A02-338043	F4	
16.	A06-712032	Dairyland 99630 x Pioneer 92M10	F4	
17.	A06-712039	Dairyland 99540 x Pioneer 92M10	F4	
18.	A06-712040	IA2068 x Pioneer 91M10	F4	SCN
19.	A06-811025	Dairyland 99345-31 x A01-409031	F4	
20.	AR05-150079	Pana x AGP02-1	F4	SDS
21.	AR05-150102	S25-J5 x IA2050	F4	BSR
22.	AR05-150109	IA1006 x AGP02-7	F4	BSR
23.	AR06-164010	Ag03-1 x Ag02-6	F4	BSR
24.	M01-242025	MN0302 x PI495831	F5	Diversity, Rps1-k
25.	M01-258100	PI567222 x Hendricks	F5	Drought
26.	M02-113076	Walsh x OAC99-36	F4	Rps6
27.	M02-141020	MN0302 x F1(M01-303)	F4	Rps1-k, SMV?
28.	OAC 05-33	RCAT Appin x OAC Champion	F5	
29.	OAC 05-40	PR 9817 x OAC 99-21	F5	
30.	SD04CV-254	LG94-1906 x A97-77051	F4	
31.	SD04CV-256	LG94-1906 x A97-77051	F4	
32.	SD04CV-267	SD96-119 x A97-77051	F4	
33.	SD04CV-277	SD96-119 x A97-77051	F4	
34.	SD04CV-620	Surge x A96-591033	F4	
35.	SD04CV-632	Surge x A96-591033	F4	
36.	SD04CV-728	Agassiz x Danatto	F4	
37.	SD04CV-965	HS96-3347 x Surge	F4	
38.	SD04CV-972	HS96-3347 x Surge	F4	
39.	U03-331734	na x U00-009019	F5	
40.	U04-701065	UP3YC2S3	S4	
41.	U04-701175	UP3YC2S3	S4	
42.	U04-701201	UP3YC2S3	S4	
43.	U04-906056	UP3YC2S3	S4	
44.	U04-916058	UP3YC2S3	S4	

PRELIMINARY TEST I, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis			Green Stem	Shattering	PR		FE
		Score			Score	Score	Lafayette		Laf.
		Humboldt IA	Granite Falls MN	Wilkin County MN	St. Hyacinthe Que.	Manhattan KS	Race 4	Race 7	a rx.
MN1410 (I)	WGBDYBfI	3.9	4.5	3.0	1.0	1.0	S*	S*	S
IA1022 (SCN)	PGTDYYI	3.5	4.3	2.3	1.0	2.0	S	R*	S
Lambert (O)	PGBIYBfI	2.5	3.5	2.5	1.5	2.0	S	S	S
IA1021	PLlBDYYI	4.5	4.3	2.3	1.0	1.0	S	S	S
A06-711002	WGBDYYI	4.4	4.5	2.8	1.0	3.0	S	S	S
A06-711004	WGBDYBf+YI	3.8	4.0	2.5	1.0	2.0	S	S	S
A06-711010	PGBDYYI	3.3	4.0	2.8	1.0	1.0	R*	R*	S
A06-711011	PGBDYYI	4.3	4.8	2.5	1.0	1.0	S	S	S
A06-711027	PGBDYYI	4.1	4.5	2.3	1.0	1.0	S	S	S
A06-711028	PGTDYYI	3.6	3.8	2.8	1.0	1.0	S	S	S
A06-711043	PGTDYYI	3.4	3.3	2.3	1.0	1.0	S	S	S
A06-712002	WGBDYYI	3.8	4.3	2.3	1.0	1.0	S	S	S
A06-712004	WGBDYYI	4.3	4.5	2.8	1.0	1.0	S	S	S
A06-712007	WGB+TDYYI	4.8	4.5	2.8	1.0	2.0	S	S	S
A06-712030	PGBDYYI	4.5	4.3	2.5	1.0	2.0	S	S	S
A06-712032	PGBDYYI	3.8	4.5	3.3	1.0	1.0	S	S	S
A06-712039	PGTDYYI	4.2	4.3	2.8	1.5	1.0	S	S	S
A06-712040	PGBDYYI	2.8	4.3	2.5	1.0	1.0	S	S	S
A06-811025	WGBDYYI	4.0	3.8	2.5	1.5	1.0	S	S	S
AR05-150079	PG+LlTDYBrI	4.3	4.5	3.0	1.0	1.0	S	R*	S
AR05-150102	PTBDYBII	4.3	4.5	3.0	1.0	1.0	S	S	S
AR05-150109	WTTDYBII	3.4	4.0	2.3	1.0	2.0	S	S	S
AR06-164010	PTTDYBII	4.1	4.3	3.0	1.0	1.0	S	S	-
M01-242025	PGTDYYI	2.6	3.8	2.8	1.5	2.0	R	R	S
M01-258100	PGBIYYI	3.0	3.8	2.5	2.0	1.0	S	S	S
M02-113076	PGBDYY+BfI	3.1	4.0	2.5	1.5	2.0	R	S	S
M02-141020	PGTDYBfI	3.1	4.0	2.5	1.0	1.0	R	R	S
OAC 05-33	PYBDYYI	4.0	4.8	2.5	1.0	1.0	R*	R*	S
OAC 05-40	PTBIYBrI	4.9	4.8	3.5	1.0	3.0	R*	R*	S
SD04CV-254	WTBDYBII	3.1	3.5	1.8	1.0	1.0	S	S	S
SD04CV-256	WTBDYBII	3.4	3.3	1.8	1.5	1.0	S	S	S
SD04CV-267	PYBDYBII	3.6	4.3	2.8	1.0	1.0	R*	R*	S
SD04CV-277	PYBDYBII	4.0	4.5	2.5	1.0	1.0	S	S	S
SD04CV-620	PYBDYBII	3.9	3.8	2.8	1.5	1.0	S	S	S
SD04CV-632	PYBDYBII	3.6	4.3	2.5	1.0	1.0	S	S	S
SD04CV-728	PBTDYBfI	4.2	3.5	2.5	1.0	1.0	S	S	-
SD04CV-965	PGBDYLbfl	3.5	4.0	2.0	1.0	1.0	S	S	S
SD04CV-972	PGBDYLbfl	3.5	3.5	2.0	1.0	1.0	R*	R*	S
U03-331734	PGBDYLbII	4.4	4.3	2.3	1.0	1.0	R*	R*	S
U04-701065	PTBDYBII	3.9	4.8	2.5	1.0	1.0	S	S	S
U04-701175	PTT+BDYBr+BII	4.4	4.5	2.5	1.0	1.0	S	S	S
U04-701201	PTBDYLbrI	3.8	4.3	2.8	1.0	1.0	R*	R*	S
U04-906056	P+TBDYBl+Ib+BfI	4.4	5.0	2.8	1.0	1.0	S	S	S
U04-916058	PTBDYBII	4.0	4.5	2.5	1.0	2.0	S	S	S

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

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

PRELIMINARY TEST I, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield 12 bu/a	Rank 12 No.	Maturity 10 Date	Lodging 11 Score	Plant Height 10 In.	Seed Size 11 g/100	Seed Quality 9 Score	Composition	
								Protein 8 %	Oil 8 %
MN1410 (I)	50.3	27	9/15	1.4	32	17.4	1.9	35.0	18.6
IA1022 (SCN)	53.1	20	4.4	1.7	31	15.5	1.8	32.0	19.6
Lambert (O)	41.4	42	-5.4	1.6	28	16.9	2.5	34.7	19.7
IA1021	49.7	30	2.4	1.9	31	16.9	1.8	34.7	18.0
A06-711002	55.9	3	7.1	1.7	34	13.1	1.6	34.1	17.3
A06-711004	51.9	24	6.6	1.4	34	12.9	1.9	33.8	18.0
A06-711010	54.7	12	4.0	1.5	30	19.9	2.1	35.1	17.6
A06-711011	53.6	15	6.2	1.4	32	16.7	1.9	34.6	17.9
A06-711027	55.4	7	7.2	1.4	33	17.6	1.8	33.9	17.3
A06-711028	55.3	9	6.7	1.3	33	19.7	1.8	34.7	17.9
A06-711043	55.6	4	7.7	1.3	36	15.0	1.9	35.5	17.5
A06-712002	56.3	1	7.6	1.7	35	12.7	1.8	33.8	17.3
A06-712004	53.6	14	8.4	2.1	34	12.5	1.8	34.0	17.3
A06-712007	55.6	4	5.7	1.4	32	15.7	1.7	34.0	17.4
A06-712030	55.3	9	4.5	1.3	34	17.9	1.9	33.6	17.6
A06-712032	50.3	27	3.0	1.5	32	14.7	2.1	34.2	17.8
A06-712039	55.6	4	5.7	1.3	33	15.7	2.0	34.7	17.9
A06-712040	56.2	2	6.6	1.3	32	14.2	2.1	34.6	18.0
A06-811025	54.4	13	8.7	1.5	32	14.1	1.9	33.7	17.9
AR05-150079	54.9	11	7.6	1.5	32	14.9	1.9	34.1	18.6
AR05-150102	52.0	23	5.6	1.4	30	16.3	1.9	33.5	18.7
AR05-150109	53.4	16	7.8	1.7	37	15.1	1.9	35.0	17.5
AR06-164010	55.4	7	9.2	1.3	30	17.7	1.7	34.1	17.8
M01-242025	43.1	41	-3.1	1.2	31	16.3	2.3	34.7	18.4
M01-258100	39.7	43	-4.3	1.4	28	14.3	1.8	34.7	19.4
M02-113076	45.0	39	-2.1	1.5	29	16.1	2.3	34.2	18.6
M02-141020	44.0	40	-0.9	1.4	32	17.0	2.0	35.7	18.2
OAC 05-33	48.4	33	3.1	1.5	30	17.1	1.8	34.4	18.5
OAC 05-40	48.4	33	3.1	1.4	31	17.4	2.2	35.2	18.2
SD04CV-254	49.6	31	2.6	1.3	32	15.3	1.8	34.1	18.2
SD04CV-256	52.4	22	5.6	1.5	33	14.8	1.9	33.9	18.2
SD04CV-267	45.4	38	-2.6	1.6	30	17.5	2.1	33.1	19.5
SD04CV-277	51.3	25	3.6	1.4	32	14.9	1.9	33.5	18.6
SD04CV-620	47.5	36	-3.1	1.3	30	18.2	2.2	37.1	18.3
SD04CV-632	46.2	37	-2.5	1.3	31	20.3	2.3	36.1	18.6
SD04CV-728	32.0	44	-5.8	2.9	29	11.7	1.8	33.9	18.0
SD04CV-965	53.2	17	1.4	1.6	32	20.2	2.5	35.7	17.8
SD04CV-972	53.1	20	2.9	1.3	30	19.9	2.2	35.5	17.7
U03-331734	53.2	17	5.9	1.6	32	16.3	1.7	33.7	18.6
U04-701065	48.9	32	3.0	1.4	33	14.8	1.8	34.5	18.0
U04-701175	50.2	29	5.8	1.5	36	15.4	2.1	33.9	18.3
U04-701201	53.2	17	4.0	1.8	34	16.3	2.1	34.8	18.6
U04-906056	47.6	35	3.3	1.5	32	17.1	1.9	34.6	18.2
U04-916058	50.9	26	4.9	1.4	30	17.2	1.8	33.5	18.8

PRELIMINARY TEST I, 2007

YIELD (bu/a)

Strain	Mean 12 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	50.3	40.8	61.5	40.3	25.0	40.5	42.1
IA1022 (SCN)	53.1	36.6	57.5	49.2	41.9	41.2	43.1
Lambert (O)	41.4	26.3	39.8	37.3	20.7	41.0	28.9
IA1021	49.7	40.2	59.3	48.0	25.9	45.4	39.1
A06-711002	55.9	49.6	66.2	51.8	38.3	45.5	43.6
A06-711004	51.9	47.3	51.7	46.3	29.8	40.6	44.9
A06-711010	54.7	36.1	64.7	42.8	30.8	44.1	51.8
A06-711011	53.6	49.9	63.5	55.3	39.8	38.3	37.4
A06-711027	55.4	38.7	64.9	45.0	28.6	43.7	48.8
A06-711028	55.3	40.9	65.0	47.2	33.4	41.6	40.9
A06-711043	55.6	49.5	60.7	54.4	35.1	49.2	44.3
A06-712002	56.3	49.9	64.0	50.8	37.3	43.4	39.0
A06-712004	53.6	48.4	64.5	51.5	40.1	40.4	36.6
A06-712007	55.6	42.1	66.0	49.8	31.3	41.7	45.3
A06-712030	55.3	44.6	66.2	47.3	28.5	42.3	38.7
A06-712032	50.3	35.7	55.3	46.7	32.5	44.7	44.8
A06-712039	55.6	52.0	66.9	48.7	27.4	47.0	42.9
A06-712040	56.2	46.6	70.2	49.3	45.4	52.6	45.8
A06-811025	54.4	44.5	52.3	49.4	32.4	39.0	46.4
AR05-150079	54.9	49.6	59.1	50.6	41.6	49.2	42.8
AR05-150102	52.0	34.1	63.9	47.2	34.0	38.7	40.4
AR05-150109	53.4	53.9	60.8	46.3	34.0	41.6	47.7
AR06-164010	55.4	49.4	65.5	45.8	24.9	49.1	48.5
M01-242025	43.1	30.3	47.3	39.6	18.2	31.3	41.1
M01-258100	39.7	30.7	47.8	40.7	24.5	33.7	33.1
M02-113076	45.0	28.7	52.5	35.1	26.1	37.4	35.9
M02-141020	44.0	25.4	49.2	42.9	19.1	44.6	36.9
OAC 05-33	48.4	43.5	56.0	41.8	30.8	31.7	37.6
OAC 05-40	48.4	41.1	59.4	45.8	24.5	36.9	34.9
SD04CV-254	49.6	39.5	60.7	46.4	28.2	41.1	38.9
SD04CV-256	52.4	47.6	57.5	46.5	32.0	45.0	42.6
SD04CV-267	45.4	36.1	54.8	37.6	23.4	42.2	27.9
SD04CV-277	51.3	52.1	63.3	43.6	22.3	43.1	39.5
SD04CV-620	47.5	42.0	54.4	37.4	27.6	43.5	38.4
SD04CV-632	46.2	37.3	51.1	40.0	27.0	36.2	38.1
SD04CV-728	32.0	24.6	33.6	29.3	20.3	27.2	27.7
SD04CV-965	53.2	45.2	62.3	42.0	31.3	45.9	47.1
SD04CV-972	53.1	41.0	62.5	41.5	23.9	44.5	45.0
U03-331734	53.2	31.8	59.1	48.3	29.1	41.3	44.0
U04-701065	48.9	34.5	58.5	43.4	28.3	40.7	40.5
U04-701175	50.2	39.0	55.1	40.8	25.0	39.1	43.0
U04-701201	53.2	37.8	56.5	42.3	34.1	43.7	39.0
U04-906056	47.6	37.9	61.4	40.7	22.7	36.1	29.8
U04-916058	50.9	40.7	60.2	45.8	25.5	39.6	35.9
C.V. (%)		15.6	7.8	10.1	13.9	11.4	11.3
L.S.D. (5%)		12.8	9.2	9.0	6.9	9.5	9.2
Row Sp. (In.)		27	27	30	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, 2007

YIELD (bu/a)

Strain	Beemer NE	Cotesfield NE	Mead NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	56.9	69.5	62.5	41.2	77.2	45.8
IA1022 (SCN)	54.6	69.0	63.6	41.5	82.5	56.9
Lambert (O)	47.3	56.5	48.3	32.9	74.6	43.5
IA1021	54.5	59.7	46.7	44.4	72.9	60.3
A06-711002	59.6	59.8	69.0	45.7	84.5	56.7
A06-711004	55.9	68.6	59.8	41.6	78.8	57.1
A06-711010	69.7	75.0	58.5	43.9	85.1	53.7
A06-711011	56.2	68.5	70.5	40.4	71.2	51.9
A06-711027	63.1	78.5	66.7	43.3	80.7	62.5
A06-711028	63.2	79.3	64.0	39.0	91.4	57.3
A06-711043	62.3	70.0	67.3	46.5	76.1	51.4
A06-712002	60.9	71.0	64.6	46.6	86.9	61.6
A06-712004	59.4	67.1	62.7	37.5	72.8	62.4
A06-712007	64.9	71.5	68.9	42.0	86.8	56.4
A06-712030	63.9	78.9	64.7	46.5	89.6	52.1
A06-712032	58.0	62.2	62.8	44.6	65.8	50.3
A06-712039	64.6	74.6	66.5	45.7	76.4	54.8
A06-712040	53.7	67.9	61.3	48.6	74.4	58.3
A06-811025	61.3	75.2	66.6	41.3	82.4	61.8
AR05-150079	56.5	69.3	62.5	44.9	74.4	58.7
AR05-150102	56.0	70.6	61.0	42.3	76.8	59.4
AR05-150109	51.1	63.6	68.0	44.4	83.7	46.1
AR06-164010	65.0	81.4	68.0	44.2	77.2	45.5
M01-242025	46.4	61.8	40.6	38.5	73.5	49.1
M01-258100	40.7	47.0	36.3	38.1	62.6	40.8
M02-113076	46.5	61.6	59.9	33.8	82.7	39.4
M02-141020	42.2	54.3	53.2	41.8	73.3	45.3
OAC 05-33	49.0	60.7	55.3	42.2	81.1	50.6
OAC 05-40	48.8	66.8	63.2	42.4	73.2	43.6
SD04CV-254	50.1	65.6	59.2	39.9	73.6	52.5
SD04CV-256	55.3	64.0	56.4	47.5	77.2	57.6
SD04CV-267	48.4	57.3	61.7	34.3	78.1	42.6
SD04CV-277	55.6	69.6	60.6	38.2	75.9	51.5
SD04CV-620	51.8	62.1	54.5	36.3	72.7	49.6
SD04CV-632	48.5	59.3	58.3	42.1	69.6	47.0
SD04CV-728	31.0	38.2	29.8	20.8	60.1	41.8
SD04CV-965	56.0	65.3	68.2	34.4	77.5	63.2
SD04CV-972	57.1	67.8	72.6	45.8	82.9	52.7
U03-331734	61.2	73.8	74.2	43.8	76.0	55.7
U04-701065	45.9	67.1	61.7	41.1	70.3	55.0
U04-701175	54.6	67.8	63.9	42.5	78.5	53.2
U04-701201	56.9	69.8	67.5	42.8	81.2	66.3
U04-906056	53.8	71.4	60.3	36.8	83.9	36.2
U04-916058	56.5	70.1	70.9	45.3	73.5	47.2
C.V. (%)	4.6	6.3	7.8	10.3	5.2	13.0
L.S.D. (5%)	6.3	10.4	11.8	7.1	8.1	13.7
Row Sp. (In.)	30	30	30	17	7	30
Rows/Plot	4	4	4	5	5	4
Reps	2	2	2	2	2	2

PRELIMINARY TEST I, 2007

YIELD RANK

Strain	Yield Rank	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	27	23	17	37	32	30	20
IA1022 (SCN)	20	32	28	10	2	25	15
Lambert (O)	42	42	43	42	41	27	42
IA1021	30	25	24	13	30	8	26
A06-711002	3	6	3	3	6	7	14
A06-711004	24	12	38	20	20	29	10
A06-711010	12	33	9	29	18	13	1
A06-711011	15	4	13	1	5	36	34
A06-711027	7	28	8	25	22	14	2
A06-711028	9	22	7	16	12	22	22
A06-711043	4	8	20	2	8	2	12
A06-712002	1	4	11	5	7	17	27
A06-712004	14	10	10	4	4	31	36
A06-712007	4	18	5	7	16	21	8
A06-712030	9	15	3	14	23	19	30
A06-712032	27	34	32	17	13	10	11
A06-712039	4	3	2	11	27	5	17
A06-712040	2	13	1	9	1	1	7
A06-811025	13	16	37	8	14	34	6
AR05-150079	11	6	25	6	3	2	18
AR05-150102	23	37	12	15	10	35	24
AR05-150109	16	1	19	20	11	22	4
AR06-164010	7	9	6	22	34	4	3
M01-242025	41	40	42	39	44	43	21
M01-258100	43	39	41	35	35	41	40
M02-113076	39	41	36	43	29	37	37
M02-141020	40	43	40	28	43	11	35
OAC 05-33	33	17	31	32	19	42	33
OAC 05-40	33	20	23	22	36	38	39
SD04CV-254	31	26	20	19	25	26	29
SD04CV-256	22	11	28	18	15	9	19
SD04CV-267	38	33	34	40	38	20	43
SD04CV-277	25	2	14	26	40	18	25
SD04CV-620	36	19	35	41	26	16	31
SD04CV-632	37	31	39	38	28	39	32
SD04CV-728	44	44	44	44	42	44	44
SD04CV-965	17	14	16	31	17	6	5
SD04CV-972	20	21	15	33	37	12	9
U03-331734	17	38	25	12	21	24	13
U04-701065	32	35	27	27	24	28	23
U04-701175	29	27	33	34	33	33	16
U04-701201	17	30	30	30	9	14	27
U04-906056	35	29	18	35	39	40	41
U04-916058	26	24	22	22	31	32	37

PRELIMINARY TEST I, 2007

YIELD RANK

Strain	Beemer NE	Cotesfield NE	Mead NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	17	17	23	29	25	35
IA1022 (SCN)	27	19	19	27	34	14
Lambert (O)	38	41	40	43	17	39
IA1021	28	38	41	12	9	7
A06-711002	12	37	5	7	39	15
A06-711004	23	20	32	26	29	13
A06-711010	1	6	34	15	40	20
A06-711011	20	21	4	31	6	25
A06-711027	7	4	12	17	30	3
A06-711028	6	2	17	33	44	12
A06-711043	8	14	11	5	20	27
A06-712002	11	11	16	3	42	6
A06-712004	13	25	22	37	8	4
A06-712007	3	9	6	24	41	16
A06-712030	5	3	15	4	43	24
A06-712032	14	32	21	11	3	29
A06-712039	4	7	14	8	21	19
A06-712040	30	22	27	1	15	10
A06-811025	9	5	13	28	33	5
AR05-150079	18	18	23	10	16	9
AR05-150102	22	12	28	21	22	8
AR05-150109	32	31	8	13	37	34
AR06-164010	2	1	8	14	24	36
M01-242025	40	34	42	34	12	31
M01-258100	43	43	43	36	2	42
M02-113076	39	35	31	42	35	43
M02-141020	42	42	39	25	11	37
OAC 05-33	34	36	37	22	31	28
OAC 05-40	35	27	20	20	10	38
SD04CV-254	33	28	33	32	14	23
SD04CV-256	25	30	36	2	23	11
SD04CV-267	37	40	25	41	27	40
SD04CV-277	24	16	29	35	18	26
SD04CV-620	31	33	38	39	7	30
SD04CV-632	36	39	35	23	4	33
SD04CV-728	44	44	44	44	1	41
SD04CV-965	22	29	7	40	26	2
SD04CV-972	15	23	2	6	36	22
U03-331734	10	8	1	16	19	17
U04-701065	41	25	25	30	5	18
U04-701175	27	23	18	19	28	21
U04-701201	17	15	10	18	32	1
U04-906056	29	10	30	38	38	44
U04-916058	18	13	3	9	13	32

PRELIMINARY TEST I, 2007

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	9/15	9/5		8/22	9/18	9/25	9/16
IA1022 (SCN)	4.4	4		9	-1	4	3
Lambert (O)	-5.4	-8		-2	-7	-4	-7
IA1021	2.4	3		5	1	2	4
A06-711002	7.1	10		12	6	7	8
A06-711004	6.6	8		9	4	5	6
A06-711010	4.0	7		7	7	3	3
A06-711011	6.2	10		12	6	5	5
A06-711027	7.2	11		10	6	6	5
A06-711028	6.7	9		11	7	6	6
A06-711043	7.7	7		13	6	8	7
A06-712002	7.6	11		9	7	8	7
A06-712004	8.4	14		13	6	7	7
A06-712007	5.7	8		6	6	5	6
A06-712030	4.5	6		8	5	2	4
A06-712032	3.0	5		4	-2	2	5
A06-712039	5.7	7		8	5	5	6
A06-712040	6.6	10		11	5	5	6
A06-811025	8.7	10		17	5	9	7
AR05-150079	7.6	10		14	6	7	6
AR05-150102	5.6	6		10	0	10	5
AR05-150109	7.8	8		12	7	6	7
AR06-164010	9.2	14		13	6	8	6
M01-242025	-3.1	-5		1	-2	-1	-4
M01-258100	-4.3	-8		-1	-4	-2	-6
M02-113076	-2.1	-2		0	-6	-1	0
M02-141020	-0.9	-4		1	-4	1	0
OAC 05-33	3.1	7		14	-1	1	0
OAC 05-40	3.1	5		13	-2	0	1
SD04CV-254	2.6	3		10	-1	3	3
SD04CV-256	5.6	7		16	2	5	4
SD04CV-267	-2.6	-6		6	-3	-3	-3
SD04CV-277	3.6	6		11	-1	3	3
SD04CV-620	-3.1	-4		4	-4	-2	-5
SD04CV-632	-2.5	-3		5	-5	-3	-7
SD04CV-728	-5.8	-12		0	-8	-1	-6
SD04CV-965	1.4	1		2	-2	1	-1
SD04CV-972	2.9	1		5	6	3	1
U03-331734	5.9	10		13	4	5	3
U04-701065	3.0	3		7	2	3	1
U04-701175	5.8	7		11	7	4	4
U04-701201	4.0	6		11	-1	5	2
U04-906056	3.3	2		10	-1	2	2
U04-916058	4.9	4		9	7	3	5
Date Planted	5/21	5/12	5/11	5/7	5/11	5/22	5/15
Days to Mature	117	116		107	130	126	124

PRELIMINARY TEST I, 2007

MATURITY (date)

Strain	Beemer NE	Cotesfield NE	Mead NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	9/22		9/17	9/1	10/13	9/17
IA1022 (SCN)	3		4	7	7	
Lambert (0)	-2		-4	-5	-11	-4
IA1021	0		-1	9	0	1
A06-711002	3		4	9	5	
A06-711004	2		4	12	10	
A06-711010	1		3	5	2	2
A06-711011	2		3	7	6	
A06-711027	3		4	12	8	
A06-711028	2		3	12	5	
A06-711043	4		1	13	10	
A06-712002	2		4	12	9	
A06-712004	3		5	14	7	
A06-712007	2		3	7	9	
A06-712030	2		2	8	6	2
A06-712032	2		2	5	3	4
A06-712039	4		4	4	8	
A06-712040	2		3	10	7	
A06-811025	3		5	14	9	
AR05-150079	3		3	13	7	
AR05-150102	3		2	10	5	
AR05-150109	5		4	13	8	
AR06-164010	5		7	13	11	
M01-242025	-8		-7	2	-6	-1
M01-258100	-6		-10	1	-7	0
M02-113076	-2		-2	0	-7	-1
M02-141020	-2		-4	2	0	1
OAC 05-33	2		5	5	-5	3
OAC 05-40	1		4	3	3	3
SD04CV-254	1		-3	7	0	
SD04CV-256	2		2	7	6	
SD04CV-267	-5		-4	-1	-7	0
SD04CV-277	1		-1	9	1	
SD04CV-620	-6		-7	0	-8	1
SD04CV-632	-3		-4	1	-6	0
SD04CV-728	-8		-11	-1	-7	-4
SD04CV-965	0		-1	10	5	-1
SD04CV-972	-1		2	7	2	
U03-331734	2		4	9	4	
U04-701065	1		0	4	5	4
U04-701175	2		3	9	7	4
U04-701201	2		2	5	4	4
U04-906056	1		1	6	7	3
U04-916058	1		5	7	4	4
Date Planted	6/2	6/5	5/22	5/22	6/13	5/19
Days to Mature	112		118	102	122	121

PRELIMINARY TEST I, 2007

LODGING (score)

Strain	Mean 11 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	1.4	1.5	2.0	1.0	1.0	1.5	2.0
IA1022 (SCN)	1.7	3.3	2.5	1.0	1.0	1.5	2.5
Lambert (O)	1.6	2.3	2.5	1.0	1.0	2.0	2.0
IA1021	1.9	2.3	2.3	1.0	1.0	1.5	2.5
A06-711002	1.7	2.5	2.8	1.0	1.0	1.5	3.0
A06-711004	1.4	2.3	2.0	1.0	1.0	1.5	2.0
A06-711010	1.5	2.0	1.8	1.0	1.0	2.0	2.0
A06-711011	1.4	2.5	2.3	1.0	1.0	1.5	2.0
A06-711027	1.4	2.5	2.0	1.0	1.0	1.5	2.0
A06-711028	1.3	2.0	2.0	1.0	1.0	1.5	2.0
A06-711043	1.3	1.8	2.0	1.0	1.0	2.0	2.0
A06-712002	1.7	3.3	2.5	1.0	1.0	2.0	2.5
A06-712004	2.1	3.3	3.5	1.3	1.0	2.0	2.5
A06-712007	1.4	2.3	2.5	1.0	1.0	1.5	2.0
A06-712030	1.3	2.0	2.3	1.0	1.0	1.5	2.0
A06-712032	1.5	2.8	2.0	1.0	1.0	1.5	2.0
A06-712039	1.3	2.0	2.0	1.0	1.0	1.5	2.0
A06-712040	1.3	2.0	1.8	1.0	1.0	1.0	2.0
A06-811025	1.5	2.5	2.5	1.0	1.0	2.0	2.0
AR05-150079	1.5	2.5	2.5	1.0	1.0	1.5	2.0
AR05-150102	1.4	1.8	2.3	1.0	1.0	2.0	2.0
AR05-150109	1.7	2.8	2.3	1.5	1.0	2.0	2.0
AR06-164010	1.3	1.8	2.0	1.0	1.0	1.5	2.0
M01-242025	1.2	1.8	1.5	1.0	1.0	1.0	2.0
M01-258100	1.4	3.3	1.3	1.0	1.0	1.0	2.0
M02-113076	1.5	2.5	2.5	1.0	1.0	1.5	2.5
M02-141020	1.4	2.3	1.8	1.0	1.0	2.0	2.0
OAC 05-33	1.5	2.0	2.3	1.0	1.0	1.5	2.0
OAC 05-40	1.4	2.3	2.0	1.0	1.0	1.5	2.0
SD04CV-254	1.3	1.8	1.8	1.0	1.0	1.5	2.0
SD04CV-256	1.5	2.8	1.8	1.0	1.0	2.0	2.0
SD04CV-267	1.6	3.0	2.3	1.0	1.0	1.5	2.5
SD04CV-277	1.4	2.5	2.0	1.0	1.0	1.5	2.0
SD04CV-620	1.3	1.8	1.8	1.0	1.0	1.5	2.0
SD04CV-632	1.3	2.3	1.8	1.0	1.0	1.5	2.0
SD04CV-728	2.9	4.0	4.5	1.3	1.0	4.0	4.0
SD04CV-965	1.6	2.5	2.0	1.3	1.0	2.0	2.0
SD04CV-972	1.3	1.8	1.8	1.0	1.0	1.5	2.0
U03-331734	1.6	3.0	2.3	1.0	1.0	2.0	2.5
U04-701065	1.4	2.0	2.0	1.0	1.0	2.0	2.0
U04-701175	1.5	1.8	2.5	1.0	1.0	2.0	2.0
U04-701201	1.8	2.3	2.5	1.0	1.0	2.5	2.5
U04-906056	1.5	2.0	2.3	1.0	1.0	2.5	2.0
U04-916058	1.4	1.8	2.3	1.0	1.0	2.0	2.0

PRELIMINARY TEST I, 2007

LODGING (score)

Strain	Beemer NE	Cotesfield NE	Mead NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	1.0		1.0	1.0	1.0	2.0
IA1022 (SCN)	1.0		1.5	1.0	1.1	2.0
Lambert (O)	1.0		1.5	1.0	1.0	2.0
IA1021	1.5		3.5	1.0	2.0	2.0
A06-711002	1.0		2.0	1.0	1.8	1.0
A06-711004	1.0		1.5	1.0	1.0	1.0
A06-711010	1.0		1.5	1.0	1.0	2.0
A06-711011	1.0		1.0	1.0	1.4	1.0
A06-711027	1.0		1.0	1.0	1.0	1.0
A06-711028	1.0		1.0	1.0	1.0	1.0
A06-711043	1.0		1.0	1.0	0.8	1.0
A06-712002	1.0		1.0	1.0	1.5	2.0
A06-712004	1.5		2.0	1.0	2.1	3.0
A06-712007	1.0		1.5	1.0	1.0	1.0
A06-712030	1.0		1.0	1.0	0.9	1.0
A06-712032	1.0		1.5	1.0	1.2	1.0
A06-712039	1.0		1.0	1.0	1.0	1.0
A06-712040	1.0		1.0	1.0	1.0	1.0
A06-811025	1.0		1.5	1.0	1.5	1.0
AR05-150079	1.0		2.0	1.0	0.9	1.0
AR05-150102	1.0		1.0	1.0	1.1	1.0
AR05-150109	1.0		2.0	1.0	1.5	2.0
AR06-164010	1.0		1.0	1.0	1.2	1.0
M01-242025	1.0		1.0	1.0	0.9	1.0
M01-258100	1.0		1.5	1.0	1.1	1.0
M02-113076	1.0		1.5	1.0	0.8	1.0
M02-141020	1.0		1.0	1.0	1.1	1.0
OAC 05-33	1.0		2.0	1.0	1.4	1.0
OAC 05-40	1.0		1.5	1.0	1.0	1.0
SD04CV-254	1.0		1.0	1.0	0.8	1.0
SD04CV-256	1.0		1.0	1.0	1.6	1.0
SD04CV-267	1.0		1.5	1.0	1.1	2.0
SD04CV-277	1.0		1.0	1.0	1.1	1.0
SD04CV-620	1.0		1.5	1.0	0.7	1.0
SD04CV-632	1.0		1.0	1.0	1.1	1.0
SD04CV-728	4.0		3.5	1.0	2.0	3.0
SD04CV-965	1.0		1.0	1.0	1.4	2.0
SD04CV-972	1.0		1.0	1.0	1.0	1.0
U03-331734	1.0		1.0	1.0	0.8	2.0
U04-701065	1.0		1.0	1.0	1.1	1.0
U04-701175	1.0		1.5	1.0	1.2	2.0
U04-701201	1.0		2.0	1.0	1.6	2.0
U04-906056	1.0		2.0	1.0	1.0	1.0
U04-916058	1.0		1.0	1.0	1.2	1.0

PRELIMINARY TEST I, 2007

PLANT HEIGHT (inches)

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	32	28	32	30	26	34	35
IA1022 (SCN)	31	28	29	29	28	32	36
Lambert (O)	28	20	26	27	22	32	34
IA1021	31	27	32	29	26	32	36
A06-711002	34	31	36	30	28	33	41
A06-711004	34	34	32	32	27	34	39
A06-711010	30	26	29	26	27	32	35
A06-711011	32	29	33	31	31	34	36
A06-711027	33	30	34	30	28	34	39
A06-711028	33	31	33	31	30	35	38
A06-711043	36	34	36	36	29	36	42
A06-712002	35	34	36	33	31	36	43
A06-712004	34	31	37	33	31	36	39
A06-712007	32	31	33	29	27	35	39
A06-712030	34	28	35	32	27	33	39
A06-712032	32	29	32	31	30	35	37
A06-712039	33	31	33	31	27	36	38
A06-712040	32	28	33	30	27	35	37
A06-811025	32	31	31	30	28	35	34
AR05-150079	32	34	31	29	27	37	33
AR05-150102	30	28	31	29	26	32	35
AR05-150109	37	34	37	38	31	39	38
AR06-164010	30	30	32	27	25	36	36
M01-242025	31	26	27	29	27	35	34
M01-258100	28	28	27	27	24	31	31
M02-113076	29	25	27	26	27	34	36
M02-141020	32	22	28	33	24	38	39
OAC 05-33	30	31	26	27	29	35	31
OAC 05-40	31	27	28	30	25	35	35
SD04CV-254	32	27	30	30	30	33	38
SD04CV-256	33	28	30	31	29	36	38
SD04CV-267	30	27	29	27	25	35	34
SD04CV-277	32	30	31	30	25	35	35
SD04CV-620	30	23	28	27	28	36	32
SD04CV-632	31	27	26	29	29	35	33
SD04CV-728	29	24	28	26	27	33	33
SD04CV-965	32	28	31	29	25	38	32
SD04CV-972	30	23	29	28	23	36	34
U03-331734	32	27	31	31	27	36	40
U04-701065	33	33	34	30	30	36	36
U04-701175	36	37	35	33	30	37	40
U04-701201	34	30	33	33	31	38	37
U04-906056	32	28	35	28	27	37	38
U04-916058	30	27	30	27	27	35	35

PRELIMINARY TEST I, 2007

PLANT HEIGHT (inches)

Strain	Beemer NE	Cotesfield NE	Mead NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)			29	29	38	34
IA1022 (SCN)			30	29	37	32
Lambert (O)			29	24	33	28
IA1021			32	31	37	30
A06-711002			34	33	41	35
A06-711004			32	32	42	39
A06-711010			30	30	35	27
A06-711011			28	30	36	32
A06-711027			33	32	37	36
A06-711028			32	31	40	32
A06-711043			32	33	43	36
A06-712002			32	31	43	36
A06-712004			36	28	38	34
A06-712007			30	28	38	34
A06-712030			33	34	41	36
A06-712032			33	29	37	32
A06-712039			31	27	37	35
A06-712040			31	29	34	37
A06-811025			30	30	37	37
AR05-150079			32	33	37	28
AR05-150102			29	27	34	32
AR05-150109			39	35	43	41
AR06-164010			28	31	34	21
M01-242025			29	32	37	33
M01-258100			28	24	32	27
M02-113076			28	22	37	27
M02-141020			32	31	37	38
OAC 05-33			33	27	37	29
OAC 05-40			31	28	35	34
SD04CV-254			31	30	38	34
SD04CV-256			32	31	37	34
SD04CV-267			32	24	35	30
SD04CV-277			30	32	34	34
SD04CV-620			33	29	37	28
SD04CV-632			28	31	37	33
SD04CV-728			27	32	33	28
SD04CV-965			31	26	42	34
SD04CV-972			27	29	39	31
U03-331734			30	30	37	35
U04-701065			31	25	37	34
U04-701175			36	34	35	39
U04-701201			33	30	37	35
U04-906056			29	31	38	26
U04-916058			31	30	33	28

PRELIMINARY TEST I, 2007

SEED SIZE (g/100)

Strain	Mean 11 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	17.4	17.0	18.3	15.6	17.5	15.9	17.6
IA1022 (SCN)	15.5	14.2	15.6	14.1	17.1	15.0	15.3
Lambert (O)	16.9	16.9	16.9	15.6	18.0	17.0	15.9
IA1021	16.9	15.5	16.5	14.9	18.3	16.5	18.4
A06-711002	13.1	12.4	13.2	11.4	13.7	14.2	12.8
A06-711004	12.9	12.5	12.2	10.7	13.3	12.7	15.5
A06-711010	19.9	17.9	20.5	16.7	19.6	20.1	19.8
A06-711011	16.7	15.3	17.2	16.1	17.9	16.2	18.5
A06-711027	17.6	16.3	17.6	16.0	19.3	17.4	17.8
A06-711028	19.7	18.2	19.6	18.7	20.1	20.9	19.8
A06-711043	15.0	14.8	15.0	14.7	15.9	15.0	15.4
A06-712002	12.7	12.6	12.3	11.1	14.6	12.6	12.7
A06-712004	12.5	12.0	12.3	11.4	13.6	12.2	13.0
A06-712007	15.7	14.0	16.6	14.6	16.1	15.6	16.4
A06-712030	17.9	17.1	19.0	16.6	19.5	17.3	18.2
A06-712032	14.7	13.2	14.4	12.6	16.0	14.4	16.0
A06-712039	15.7	14.8	16.2	13.9	16.8	15.3	15.3
A06-712040	14.2	13.2	15.5	13.0	14.8	13.2	15.3
A06-811025	14.1	13.5	13.7	13.6	14.9	13.1	14.8
AR05-150079	14.9	14.8	14.8	14.4	16.5	14.1	14.9
AR05-150102	16.3	15.3	17.3	15.3	16.6	15.8	16.6
AR05-150109	15.1	14.6	15.3	14.2	16.0	14.8	16.1
AR06-164010	17.7	18.0	17.9	15.9	17.5	17.9	17.6
M01-242025	16.3	15.2	16.4	14.8	16.9	15.9	15.1
M01-258100	14.3	13.4	15.2	13.6	14.6	14.6	12.4
M02-113076	16.1	14.7	16.3	14.2	16.7	15.7	15.4
M02-141020	17.0	15.1	17.2	16.7	17.4	16.9	17.4
OAC 05-33	17.1	16.3	18.1	17.9	18.2	16.2	18.2
OAC 05-40	17.4	15.7	17.4	17.5	17.5	16.7	17.5
SD04CV-254	15.3	14.8	15.8	15.1	15.0	14.8	15.6
SD04CV-256	14.8	14.3	15.6	14.6	15.1	14.5	15.0
SD04CV-267	17.5	16.2	18.5	17.2	17.6	15.3	17.3
SD04CV-277	14.9	13.7	14.9	14.4	15.5	15.0	15.3
SD04CV-620	18.2	16.2	18.5	17.4	18.8	17.2	18.4
SD04CV-632	20.3	18.7	20.5	17.7	21.0	18.4	20.1
SD04CV-728	11.7	11.7	11.7	11.0	11.1	12.3	11.4
SD04CV-965	20.2	18.7	20.7	18.0	21.3	20.5	20.5
SD04CV-972	19.9	17.7	20.0	19.4	20.7	18.8	19.8
U03-331734	16.3	14.0	16.5	15.5	17.2	16.0	16.5
U04-701065	14.8	12.6	14.5	13.7	15.0	15.2	14.5
U04-701175	15.4	13.8	14.5	14.2	16.6	14.7	15.9
U04-701201	16.3	14.1	15.7	14.3	18.7	16.0	15.9
U04-906056	17.1	14.9	17.6	17.5	17.8	15.4	16.8
U04-916058	17.2	15.1	17.7	17.1	16.1	16.1	17.1

PRELIMINARY TEST I, 2007

SEED SIZE (g/100)

Strain	Beemer NE	Cotesfield NE	Mead NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	16.6	19.2	17.4		17.5	19.3
IA1022 (SCN)	15.5	15.3	16.2		16.4	15.6
Lambert (O)	17.5	17.3	16.6		15.4	18.8
IA1021	18.1	17.3	17.0		15.7	18.0
A06-711002	13.3	14.4	13.7		12.3	13.2
A06-711004	13.2	13.4	12.6		12.8	12.6
A06-711010	18.9	21.6	19.2		21.3	23.1
A06-711011	16.4	17.1	16.0		15.2	17.4
A06-711027	17.5	17.1	18.3		18.3	18.1
A06-711028	19.8	17.9	18.5		21.9	21.0
A06-711043	14.5	14.8	15.8		14.3	14.7
A06-712002	12.2	14.6	13.9		11.4	12.1
A06-712004	12.8	13.0	12.1		12.8	12.8
A06-712007	16.2	16.6	15.3		15.2	16.3
A06-712030	17.4	18.7	17.5		17.3	18.7
A06-712032	15.2	16.1	14.5		14.4	15.4
A06-712039	15.8	17.3	16.1		16.8	14.2
A06-712040	14.7	15.6	13.1		14.7	13.4
A06-811025	14.2	15.3	14.8		14.4	12.6
AR05-150079	14.8	15.0	13.6		15.5	15.1
AR05-150102	15.5	17.5	15.3		17.7	15.9
AR05-150109	15.4	15.9	14.6		16.2	13.3
AR06-164010	17.4	18.5	17.2		19.0	17.4
M01-242025	16.5	17.0	15.7		15.7	19.9
M01-258100	14.0	14.2	13.5		15.2	16.9
M02-113076	16.6	17.6	15.9		16.8	17.0
M02-141020	16.7	16.9	16.7		17.0	19.0
OAC 05-33	15.3	16.4	15.2		17.6	19.1
OAC 05-40	16.8	17.7	18.3		18.4	17.9
SD04CV-254	15.0	15.2	14.8		16.0	15.8
SD04CV-256	14.2	14.6	13.9		16.1	15.4
SD04CV-267	17.9	17.5	17.9		18.1	19.0
SD04CV-277	15.1	15.8	14.2		15.5	14.6
SD04CV-620	18.9	18.8	17.0		18.8	20.5
SD04CV-632	20.8	21.1	21.5		20.5	22.9
SD04CV-728	12.5	12.5	12.4		10.0	11.6
SD04CV-965	19.8	19.9	22.2		18.3	22.1
SD04CV-972	19.6	20.5	20.9		20.4	21.6
U03-331734	15.2	16.8	17.6		17.9	16.3
U04-701065	14.5	16.3	13.4		17.1	15.8
U04-701175	15.1	16.4	13.8		17.8	16.1
U04-701201	15.3	16.9	15.0		19.4	17.6
U04-906056	16.4	17.3	16.6		19.1	19.0
U04-916058	17.1	17.5	18.1		18.6	18.2

PRELIMINARY TEST I, 2007

SEED QUALITY (score)

Strain	Mean 9 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
MN1410 (I)	1.9			1.5		1.0	1.5
IA1022 (SCN)	1.8			1.5		1.0	1.5
Lambert (O)	2.5			2.0		1.5	2.5
IA1021	1.8			1.5		1.5	1.5
A06-711002	1.6			1.0		1.5	1.5
A06-711004	1.9			1.5		1.0	1.5
A06-711010	2.1			2.0		2.0	1.5
A06-711011	1.9			1.5		2.0	1.5
A06-711027	1.8			1.5		1.5	1.5
A06-711028	1.8			1.5		1.0	1.5
A06-711043	1.9			1.5		1.5	1.5
A06-712002	1.8			1.5		1.5	1.5
A06-712004	1.8			1.5		1.0	1.5
A06-712007	1.7			1.5		1.5	1.5
A06-712030	1.9			2.0		1.5	1.5
A06-712032	2.1			1.5		1.5	1.5
A06-712039	2.0			1.5		1.5	1.5
A06-712040	2.1			1.5		1.5	1.5
A06-811025	1.9			2.0		1.5	1.5
AR05-150079	1.9			1.5		2.0	1.5
AR05-150102	1.9			1.5		1.5	1.5
AR05-150109	1.9			2.0		1.5	1.5
AR06-164010	1.7			1.5		1.5	1.5
M01-242025	2.3			1.5		2.0	2.0
M01-258100	1.8			2.0		1.5	1.5
M02-113076	2.3			3.0		1.5	1.5
M02-141020	2.0			1.5		1.5	1.5
OAC 05-33	1.8			2.0		1.5	1.5
OAC 05-40	2.2			2.5		1.5	1.5
SD04CV-254	1.8			3.5		1.5	1.5
SD04CV-256	1.9			3.0		1.5	1.5
SD04CV-267	2.1			2.0		2.0	1.5
SD04CV-277	1.9			1.5		2.0	1.5
SD04CV-620	2.2			3.5		1.5	1.5
SD04CV-632	2.3			2.5		2.0	2.0
SD04CV-728	1.8			1.5		1.0	1.5
SD04CV-965	2.5			2.0		1.5	1.5
SD04CV-972	2.2			2.5		1.5	1.5
U03-331734	1.7			2.0		1.0	1.5
U04-701065	1.8			1.0		1.5	1.5
U04-701175	2.1			2.0		1.5	1.5
U04-701201	2.1			2.0		1.5	1.5
U04-906056	1.9			2.0		1.5	1.5
U04-916058	1.8			1.5		1.5	1.5

PRELIMINARY TEST I, 2007

SEED QUALITY (score)

Strain	Beemer NE	Cotesfield NE	Mead NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	3.0	3.0	3.0	1.0	1.0	2.0
IA1022 (SCN)	3.0	2.0	3.0	1.0	1.0	2.0
Lambert (O)	4.0	3.0	3.0	2.5	1.0	3.0
IA1021	2.0	3.0	3.0	1.0	1.0	2.0
A06-711002	2.0	2.0	2.0	1.0	1.5	2.0
A06-711004	3.0	2.0	2.0	1.0	2.0	3.0
A06-711010	2.0	3.0	4.0	1.0	1.0	2.0
A06-711011	2.0	3.0	2.0	1.0	1.0	3.0
A06-711027	3.0	3.0	2.0	1.0	1.0	2.0
A06-711028	2.0	3.0	2.0	2.0	1.0	2.0
A06-711043	3.0	2.0	2.0	2.0	1.0	3.0
A06-712002	3.0	2.0	2.0	1.0	1.0	3.0
A06-712004	3.0	2.0	2.0	1.0	1.5	3.0
A06-712007	2.0	2.0	2.0	1.0	1.0	3.0
A06-712030	2.0	3.0	3.0	1.0	1.0	2.0
A06-712032	4.0	3.0	3.0	1.0	1.5	2.0
A06-712039	3.0	2.0	3.0	1.5	1.0	3.0
A06-712040	3.0	3.0	3.0	1.0	1.0	3.0
A06-811025	3.0	2.0	2.0	1.0	1.5	3.0
AR05-150079	3.0	2.0	2.0	1.0	1.0	3.0
AR05-150102	3.0	3.0	3.0	1.0	1.0	2.0
AR05-150109	3.0	3.0	2.0	1.0	1.0	2.0
AR06-164010	2.0	2.0	2.0	1.0	1.0	3.0
M01-242025	4.0	3.0	3.0	1.0	1.0	3.0
M01-258100	3.0	2.0	2.0	1.0	1.5	2.0
M02-113076	4.0	4.0	3.0	1.0	1.0	2.0
M02-141020	3.0	3.0	3.0	1.0	1.1	2.0
OAC 05-33	2.0	3.0	2.0	1.5	1.0	2.0
OAC 05-40	3.0	3.0	3.0	1.0	1.0	3.0
SD04CV-254	2.0	2.0	2.0	1.0	1.0	2.0
SD04CV-256	2.0	3.0	2.0	1.0	1.0	2.0
SD04CV-267	4.0	3.0	2.0	1.0	1.0	2.0
SD04CV-277	3.0	3.0	2.0	1.0	1.0	2.0
SD04CV-620	3.0	3.0	3.0	1.0	1.0	2.0
SD04CV-632	3.0	3.0	3.0	1.0	1.0	3.0
SD04CV-728	3.0	2.0	2.0	2.0	1.0	2.0
SD04CV-965	3.0	4.0	4.0	1.0	1.5	4.0
SD04CV-972	3.0	3.0	4.0	1.0	1.0	2.0
U03-331734	2.0	2.0	2.0	1.0	1.0	3.0
U04-701065	3.0	2.0	3.0	1.5	1.0	2.0
U04-701175	3.0	3.0	2.0	1.5	1.0	3.0
U04-701201	3.0	3.0	2.0	1.5	1.0	3.0
U04-906056	2.0	3.0	2.0	1.0	1.5	3.0
U04-916058	3.0	2.0	2.0	1.0	1.0	3.0

PRELIMINARY TEST I, 2007

PROTEIN (%)

Strain	Mean 8 Tests	Charles City IA	Lafayette IN	Lamberton MN	Waseca MN	Ingham County MI	Cotesfield NE	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	35.0	35.1	34.8	32.3	33.3	36.7	36.9	35.7	35.1
IA1022 (SCN)	32.0	32.2	34.0	30.4	30.0	32.6	32.6	32.4	32.3
Lambert (O)	34.7	35.5	35.3	32.1	31.7	38.0	36.5	35.4	33.5
IA1021	34.7	33.4	36.2	32.7	33.6	37.3	36.3	35.7	32.8
A06-711002	34.1	34.2	35.3	32.7	32.1	35.9	35.5	34.5	32.5
A06-711004	33.8	32.3	33.9	31.4	34.1	35.5	35.0	34.6	33.5
A06-711010	35.1	34.8	36.5	32.8	32.4	37.3	36.3	35.8	34.8
A06-711011	34.6	34.9	35.2	32.2	34.6	36.2	34.7	35.8	33.7
A06-711027	33.9	33.2	34.7	31.6	31.8	36.1	34.4	35.3	34.0
A06-711028	34.7	33.9	34.7	31.8	35.0	37.9	35.9	34.5	33.6
A06-711043	35.5	35.8	35.6	34.1	34.3	38.0	36.0	35.9	33.9
A06-712002	33.8	32.3	35.3	31.1	33.3	35.2	35.2	34.5	33.5
A06-712004	34.0	34.7	34.3	32.0	32.8	35.0	35.1	35.1	33.1
A06-712007	34.0	31.4	35.3	32.5	31.3	35.9	36.3	34.7	34.4
A06-712030	33.6	32.5	33.6	32.6	31.4	35.5	35.4	33.8	33.6
A06-712032	34.2	31.8	34.6	32.4	32.6	36.9	35.2	35.9	33.8
A06-712039	34.7	34.1	35.3	32.1	32.7	37.1	36.2	35.5	34.3
A06-712040	34.6	33.5	34.3	35.6	33.0	36.6	35.6	35.6	32.7
A06-811025	33.7	33.1	35.2	32.3	31.4	35.5	35.1	34.0	33.1
AR05-150079	34.1	33.7	35.1	31.0	33.1	37.4	35.6	33.7	33.3
AR05-150102	33.5	33.1	33.6	32.7	30.9	35.1	34.4	34.6	33.6
AR05-150109	35.0	33.8	35.4	34.1	33.8	36.1	36.2	35.9	34.5
AR06-164010	34.1	33.6	33.7	33.1	33.5	35.0	34.4	35.0	34.3
M01-242025	34.7	33.3	36.3	33.0	33.9	37.3	33.8	34.6	35.2
M01-258100	34.7	34.5	35.6	32.2	33.6	35.9	36.8	36.0	32.8
M02-113076	34.2	33.3	35.3	32.3	32.4	36.1	36.5	34.1	33.3
M02-141020	35.7	35.8	36.5	33.3	33.5	38.0	37.4	35.1	36.3
OAC 05-33	34.4	33.4	35.0	33.8	32.4	35.8	35.3	35.4	33.8
OAC 05-40	35.2	34.0	35.3	33.7	33.5	37.1	36.0	36.5	35.5
SD04CV-254	34.1	33.9	34.6	33.3	32.4	36.7	33.7	35.1	33.0
SD04CV-256	33.9	33.7	33.8	33.0	32.6	36.0	34.7	34.8	32.3
SD04CV-267	33.1	33.3	32.6	31.5	30.1	34.9	34.7	35.1	32.3
SD04CV-277	33.5	32.9	33.5	33.4	31.8	35.5	34.7	33.8	32.1
SD04CV-620	37.1	36.0	37.3	35.5	35.9	38.8	38.6	37.2	37.2
SD04CV-632	36.1	35.5	36.4	35.5	34.0	37.3	37.7	36.9	35.9
SD04CV-728	33.9	32.9	33.8	33.6	32.3	35.8	36.1	34.7	31.9
SD04CV-965	35.7	35.0	36.8	35.9	32.9	36.2	37.0	36.4	35.0
SD04CV-972	35.5	35.0	36.0	34.2	31.7	37.9	36.5	36.8	35.8
U03-331734	33.7	33.3	33.6	33.9	29.8	36.4	34.5	35.3	33.3
U04-701065	34.5	34.6	34.5	32.7	32.8	37.0	35.6	35.1	34.0
U04-701175	33.9	32.4	35.0	32.6	31.3	36.9	35.3	34.5	33.5
U04-701201	34.8	34.0	35.9	34.0	33.2	36.1	35.7	36.5	33.5
U04-906056	34.6	33.7	35.2	32.6	32.0	37.3	35.8	35.0	35.3
U04-916058	33.5	33.2	33.7	31.6	30.9	35.1	35.8	35.1	33.0

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

PRELIMINARY TEST I, 2007

OIL (%)

Strain	Mean 8 Tests	Charles City IA	Lafayette IN	Lamberton MN	Waseca MN	Ingham County MI	Cotesfield NE	St. Hyacinthe Que.	Aurora SD
MN1410 (I)	18.6	17.6	19.6	19.6	19.4	17.7	17.7	18.6	18.4
IA1022 (SCN)	19.6	20.2	19.2	19.5	20.5	19.7	19.2	19.1	19.2
Lambert (0)	19.7	19.5	20.3	20.5	20.5	18.5	18.7	19.0	20.1
IA1021	18.0	18.2	18.9	18.0	18.6	16.7	18.1	17.1	18.2
A06-711002	17.3	17.5	17.9	16.9	18.1	16.6	16.9	17.1	17.5
A06-711004	18.0	18.6	18.7	18.3	17.7	18.0	17.7	17.7	17.6
A06-711010	17.6	17.6	17.8	17.8	18.4	16.8	17.2	17.7	17.3
A06-711011	17.9	17.9	19.2	18.0	17.8	17.3	17.8	17.1	18.3
A06-711027	17.3	17.9	18.0	17.4	18.2	16.3	17.1	16.6	16.7
A06-711028	17.9	18.6	18.9	18.4	17.2	16.6	17.7	17.7	17.9
A06-711043	17.5	18.6	19.1	17.2	17.5	16.5	16.6	17.1	17.7
A06-712002	17.3	18.0	17.8	17.6	17.5	16.5	17.0	17.1	17.0
A06-712004	17.3	16.9	18.5	17.5	17.6	17.2	16.8	16.8	17.3
A06-712007	17.4	17.9	18.8	17.3	17.9	16.7	16.4	17.2	17.2
A06-712030	17.6	18.1	19.0	17.4	18.1	16.4	16.8	17.7	17.0
A06-712032	17.8	18.8	18.2	18.0	18.4	16.8	17.3	17.1	18.0
A06-712039	17.9	17.9	18.8	18.0	19.3	16.8	17.4	17.6	17.7
A06-712040	18.0	18.6	18.4	18.8	18.4	16.9	17.9	17.1	17.8
A06-811025	17.9	18.6	18.4	17.5	18.8	16.9	18.3	17.7	17.4
AR05-150079	18.6	19.0	19.6	19.0	18.8	17.5	18.0	18.7	18.4
AR05-150102	18.7	19.1	19.7	17.7	20.0	18.5	17.9	18.4	18.4
AR05-150109	17.5	18.6	18.7	16.8	17.9	17.2	16.7	17.5	16.6
AR06-164010	17.8	18.1	19.1	17.1	17.9	17.7	17.4	17.4	17.6
M01-242025	18.4	18.9	18.3	18.6	18.6	18.4	17.9	18.5	17.9
M01-258100	19.4	19.7	20.0	19.3	20.0	19.1	19.5	17.8	19.6
M02-113076	18.6	19.0	18.9	18.9	18.9	17.6	18.4	18.4	18.7
M02-141020	18.2	18.3	18.6	18.4	18.7	17.9	18.1	17.9	17.3
OAC 05-33	18.5	18.7	18.1	18.2	19.6	18.4	17.5	18.6	18.9
OAC 05-40	18.2	18.3	18.8	18.8	18.8	17.8	17.2	18.3	17.6
SD04CV-254	18.2	18.5	19.3	17.5	18.8	17.3	18.7	17.7	17.8
SD04CV-256	18.2	18.6	19.3	17.7	18.6	17.2	18.1	17.7	18.0
SD04CV-267	19.5	18.6	21.1	19.8	20.8	19.7	18.9	17.9	19.3
SD04CV-277	18.6	19.3	20.6	17.8	19.6	18.3	17.0	18.4	18.3
SD04CV-620	18.3	18.3	19.2	18.4	19.4	17.8	17.9	17.7	18.1
SD04CV-632	18.6	18.7	19.7	18.4	19.7	17.6	18.3	17.7	18.7
SD04CV-728	18.0	18.3	18.2	18.3	18.3	17.2	17.9	17.5	18.6
SD04CV-965	17.8	17.6	19.0	17.3	18.5	17.3	18.2	17.3	17.5
SD04CV-972	17.7	18.2	18.6	17.6	19.2	16.6	17.5	17.0	17.2
U03-331734	18.6	19.7	20.1	17.3	20.1	17.2	18.4	18.1	17.9
U04-701065	18.0	18.1	19.1	18.2	18.8	17.1	18.0	17.3	17.7
U04-701175	18.3	19.2	18.9	17.8	19.7	16.0	18.0	18.4	18.3
U04-701201	18.6	18.5	18.8	18.2	19.5	18.3	18.5	18.2	18.6
U04-906056	18.2	18.9	18.8	17.9	19.7	17.4	17.6	17.5	18.0
U04-916058	18.8	19.3	20.1	18.7	20.0	18.0	17.6	18.2	18.7

Uniform Test II, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	IA2068 (II) (SCN)	AgriPro P1953 x LN94-10470	5	F5	SCN
2.	IA1021	NE1900 x Pioneer XB28V99	1		
3.	IA3024	A97-553017 x Pioneer YB33A99	PTIIIA		1% linolenic
4.	A05-112001	AgriPro XC32Y06 x A00-711020	PTIIA	F4	
5.	A05-212037	IA3023 x A00-711003	PTIIA	F4	
6.	A05-311001	A01-612016 x A00-812031	PTIIA	F4	
7.	LD01-7323	LN95-5454 x Dwight	1	F5	SCN
8.	LD02-4485	M90-184111 x IA3010	1	F5	SCN
9.	LD02-5025	IA3014 x Dwight	1	F5	SCN
10.	LD02-5320	IA2052 x Dwight	06 SCN II	F5	SCN
11.	LD03-10504	LN97-26569 x A98-781041	06 SCN II	F5	SCN
12.	SD02-22	A2242 X IA2022	1	F4	
13.	SD02-96	A96-691030 X A96-591076	1	F4	
14.	SD03-483	Pioneer 9233 x SD98-74-16-1	PTIIB	F5	
15.	SD03-949	IA1008 x A00-712040	PTIIB	F5	
16.	SD03-1237	IA2021 x LG92-1255	PTIIB	F5	Rps1-k
17.	SD03-1601	Pioneer 9172 x A96-492058	PTIIB	F5	Rps1-k
18.	U02-242055	NE1900 x Pioneer 93B82	1	F4	Rps1-k ?
19.	U03-100141	HS98-3407 x P92B12	PTIIB	F5	SCN?, Rps1-k
20.	U03-200317	U99-009019 x P92B12	PTIIB	F5	SCN?, seg Rps1-k
21.	U03-200319	U99-009019 x P92B12	PTI	F5	SCN, Rps1-k
22.	U03-260216	U99-009019 x UP1Fe(S1)C7-150	PTIIB	F5	
23.	U03-300134	NE3202 x P92B12	PTIIB	F5	SCN?, Rps1-k

UNIFORM TEST II, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis			Shattering	Green Stem
		Humboldt IA	Granite Falls MN	Wilkin County MN	Score Manhattan KS	Score Harow Ont.
IA2068 (II) (SCN)	WGBSYYI	4.1	4.8	3.0	1.0	1.0
IA1021	PLtBDYYI	4.0	4.0	3.0	2.0	1.0
IA3024	PGTDYIbI	4.0	4.3	3.0	1.0	1.0
A05-112001	WGBDYLbf+YI	4.3	4.5	2.5	1.0	1.0
A05-212037	PGBDYLbf+YI	4.3	4.0	2.5	2.0	1.0
A05-311001	PGBDYLbf+YI	3.8	4.5	2.5	2.0	1.0
LD01-7323	PGTDYYI	4.6	4.5	3.8	1.0	1.0
LD02-4485	PGBDYLtbfI	3.8	4.5	2.8	1.0	1.0
LD02-5025	WLtTDYBII	3.8	4.0	2.3	1.0	1.0
LD02-5320	P+WTTDYBII	4.2	4.5	2.8	1.0	1.0
LD03-10504	WTBDYBII	4.3	4.8	3.0	2.0	1.0
SD02-22	WLtTDYBII	4.4	4.8	2.8	4.0	1.0
SD02-96	PTBDYBII	4.4	4.3	2.5	2.0	1.0
SD03-483	PLtTDYBI+BrI	4.3	4.5	3.0	3.0	1.0
SD03-949	PGBDYHI	4.3	5.0	3.0	2.0	1.0
SD03-1237	WLtDYBII	4.6	4.8	2.8	1.0	1.0
SD03-1601	PTBDYBII	4.5	4.8	3.0	3.0	1.0
U02-242055	WLtBDYGrI	3.9	4.5	3.0	2.0	1.0
U03-100141	PRBDYGrI	3.9	4.5	2.8	1.0	1.0
U03-200317	PLtBDYBII	4.8	4.8	3.0	1.0	1.0
U03-200319	PTBDYBII	4.8	4.5	2.5	1.0	1.0
U03-260216	PLtBDYBII	4.4	4.0	2.5	2.0	1.0
U03-300134	PLtBDYBII	3.9	4.5	2.5	2.0	1.0

UNIFORM TEST II, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	<u>NSC</u>	<u>PR</u>		<u>FE</u>	<u>SDS</u>
	Score (0-10) Brookings SD	Lafayette Race 4	Race 7	Laf. a rx.	DX Paris IL
IA2068 (II) (SCN)	6.3	S	S	S	0
IA1021	5.5	S	S	S	2
IA3024	5.5	R*	R*	S	8
A05-112001	4.5	R*	R*	S	1
A05-212037	6.3	S	S	S	0
A05-311001	4.3	R*	R*	S	3
LD01-7323	5.5	S	S	S	0
LD02-4485	6.5	S	H*	S	0
LD02-5025	6.3	S	H*	S	0
LD02-5320	5.0	R*	R*	S	0
LD03-10504	4.5	R*	R*	S	0
SD02-22	5.5	R*	R*	S	0
SD02-96	5.5	S	S	S	0
SD03-483	5.8	S	S	S	1
SD03-949	3.2	H*	H*	S	8
SD03-1237	4.8	R	S*	S	0
SD03-1601	5.3	H*	H*	S	1
U02-242055	5.5	R	R	S	3
U03-100141	4.8	R	R	-	3
U03-200317	5.0	H	H	S	13
U03-200319	6.3	R	R	S	2
U03-260216	5.0	S	S	S	4
U03-300134	4.3	R	H*	S	11

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

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

UNIFORM TEST II, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	16 bu/a	16 No.	14 Date	16 Score	Height 15 In.	Size 16 g/100	Quality 13 Score	Protein 12 %	Oil 12 %
IA2068 (II) (SCN)	56.4	16	9/17	1.9	32	14.0	2.3	33.3	18.2
IA1021	52.6	21	-4.8	1.9	32	17.2	2.1	35.0	17.6
IA3024	59.2	5	7.3	1.8	37	16.1	2.2	32.8	18.4
A05-112001	57.0	13	5.1	1.6	34	14.9	2.0	35.3	17.7
A05-212037	57.2	12	4.0	1.8	35	16.5	2.1	32.6	18.6
A05-311001	58.9	7	5.4	1.7	34	17.2	1.8	34.7	18.3
LD01-7323	57.8	10	5.1	1.8	32	14.9	2.1	35.0	17.3
LD02-4485	59.9	3	4.0	1.8	35	14.8	2.1	32.5	18.1
LD02-5025	58.9	7	5.0	1.8	34	13.8	2.0	33.9	17.4
LD02-5320	57.5	11	2.9	1.9	36	16.0	2.1	36.4	17.1
LD03-10504	59.3	4	4.4	1.8	34	14.3	1.9	34.7	17.9
SD02-22	55.2	19	-1.1	1.7	33	14.2	2.0	34.2	17.3
SD02-96	55.3	18	-2.6	1.4	32	16.5	2.0	34.9	18.4
SD03-483	53.0	20	-1.7	2.0	33	16.5	1.9	36.9	17.5
SD03-949	55.9	17	-1.1	1.2	30	18.8	2.6	33.7	17.8
SD03-1237	51.4	23	-2.5	1.9	33	16.2	1.8	33.7	18.7
SD03-1601	51.9	22	-0.8	1.9	36	17.2	2.2	34.1	18.0
U02-242055	58.4	9	2.0	1.7	33	17.0	2.1	34.9	18.2
U03-100141	57.0	13	5.8	2.0	33	16.4	1.9	35.1	18.1
U03-200317	59.0	6	3.0	1.4	34	14.5	1.7	33.6	18.4
U03-200319	57.0	13	-2.0	1.5	32	14.3	1.6	33.9	18.6
U03-260216	61.2	2	2.4	1.6	35	13.6	1.6	33.6	18.4
U03-300134	61.6	1	3.7	1.5	33	12.8	1.5	33.4	18.5

123.2 Days After Planting

UNIFORM TEST II, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield 32 bu/a	Rank 32 No.	Maturity 30 Date	Lodging 33 Score	Plant Height 31 In.	Seed Size 33 g/100	Seed Quality 25 Score	Composition	
								Protein 19 %	Oil 19 %
IA2068 (II) (SCN)	59.6	3	9/19	2.0	33	13.8	2.0	32.9	17.8
IA1021	55.6	8	-5.0	2.0	32	16.9	1.9	35.2	17.4
LD01-7323	59.4	4	4.6	1.9	33	14.9	1.9	35.0	17.0
LD02-4485	60.0	2	2.8	2.0	35	14.5	1.9	32.5	17.8
LD02-5025	59.3	5	4.3	1.9	34	13.6	1.9	33.9	17.0
SD02-22	57.6	6	-1.5	1.7	33	14.0	1.9	34.6	16.9
SD02-96	57.0	7	-3.3	1.4	32	16.1	1.8	35.0	17.9
U02-242055	60.8	1	0.7	1.8	34	16.5	2.0	34.9	17.9

124.5 Days After Planting

UNIFORM TEST II, 2007

YIELD (bu/a)

Strain	Mean 16 Tests	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	56.4	47.5	57.2	52.5	66.7	49.1	55.2	47.0	67.8	48.2
IA1021	52.6	42.4	49.0	53.2	65.9	44.5	58.3	27.0	70.6	47.6
IA3024	59.2	47.5	51.8	56.1	71.7	50.7	50.5	37.7	74.1	49.7
A05-112001	57.0	36.6	56.6	54.6	61.1	47.1	53.1	29.1	73.7	49.3
A05-212037	57.2	39.1	49.8	56.9	67.0	51.6	55.6	32.4	78.2	48.4
A05-311001	58.9	35.1	61.3	55.6	61.5	50.5	56.2	29.7	78.6	47.4
LD01-7323	57.8	35.8	57.6	53.1	70.8	49.7	56.3	41.0	75.2	43.7
LD02-4485	59.9	44.1	59.1	60.8	72.0	49.7	53.5	48.4	73.5	46.7
LD02-5025	58.9	36.0	60.1	52.2	70.7	55.7	54.9	48.8	75.4	46.9
LD02-5320	57.5	43.5	55.6	53.1	71.2	52.4	54.5	38.3	76.2	46.6
LD03-10504	59.3	49.2	54.6	54.3	64.5	55.0	53.8	49.4	70.9	50.7
SD02-22	55.2	42.5	43.0	51.9	67.2	44.9	52.2	36.4	70.7	49.3
SD02-96	55.3	40.9	56.2	56.5	65.6	41.9	51.5	29.2	72.9	54.0
SD03-483	53.0	41.2	55.5	51.3	61.3	41.4	57.2	29.2	68.0	42.4
SD03-949	55.9	36.9	61.1	54.1	63.1	40.8	53.7	30.4	77.5	56.3
SD03-1237	51.4	33.5	53.0	47.8	60.6	40.5	52.4	25.6	73.1	45.5
SD03-1601	51.9	39.7	36.5	47.8	65.1	43.5	50.7	24.5	69.5	43.7
U02-242055	58.4	56.4	58.5	59.2	73.2	50.9	51.6	27.0	74.6	46.6
U03-100141	57.0	51.0	58.0	54.0	64.6	41.1	55.7	32.4	72.0	45.1
U03-200317	59.0	36.8	53.5	60.7	63.4	43.9	48.9	26.0	80.3	52.3
U03-200319	57.0	40.9	57.5	57.3	66.2	45.1	50.3	29.5	72.0	46.4
U03-260216	61.2	41.5	64.0	56.3	63.1	48.0	57.0	36.1	82.2	43.6
U03-300134	61.6	40.8	67.1	62.2	70.0	46.3	53.6	27.7	90.0	47.3
C.V. (%)		7.1	14.4	9.4	8.5	6.0	10.0	11.5	4.2	13.1
L.S.D. (5%)		6.2	16.5	7.1	7.8	4.6	8.8	6.7	5.4	10.4
Row Sp. (In.)		27	27	30	30	30	30	15	15	10
Rows/Plot		4	4	4	4	4	4	6	6	8
Reps		2	2	3	3	3	3	2	2	3

*Data not included in mean.

UNIFORM TEST II, 2007

YIELD (bu/a)

Strain	Waseca MN	Beemer* NE	Cotesfield NE	Mead NE	Hoytville Oh	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	57.0	52.7	63.0	54.4	58.8	63.9	65.3	48.6
IA1021	52.3	28.5	61.8	39.0	54.2	52.0	69.7	53.6
IA3024	58.9	66.8	74.1	74.3	70.1	61.6	69.2	49.7
A05-112001	60.5	61.9	69.7	69.3	63.6	64.0	76.6	46.9
A05-212037	47.5	58.3	70.3	73.3	65.3	54.0	75.1	50.8
A05-311001	58.5	62.2	76.4	67.6	73.1	64.6	77.8	47.9
LD01-7323	57.9	58.8	70.6	64.1	67.0	54.4	79.3	48.9
LD02-4485	52.9	63.9	71.4	63.7	67.5	67.7	78.6	48.9
LD02-5025	51.8	55.0	71.5	72.5	69.5	56.2	71.2	49.3
LD02-5320	55.4	61.0	64.5	58.3	61.6	63.9	71.8	53.6
LD03-10504	55.1	63.0	66.4	62.6	75.4	66.4	73.3	47.8
SD02-22	65.4	54.7	73.5	62.4	53.7	55.4	59.9	55.5
SD02-96	54.2	58.1	71.9	58.2	55.6	60.2	61.8	53.5
SD03-483	52.3	52.9	69.3	50.4	59.1	56.8	60.5	51.7
SD03-949	51.8	65.2	75.6	58.9	60.7	63.9	59.2	49.9
SD03-1237	49.5	57.5	66.0	55.0	49.4	51.3	67.4	52.3
SD03-1601	50.9	50.1	64.5	55.8	59.7	61.7	67.8	49.0
U02-242055	51.3	57.1	67.7	66.6	65.2	65.0	70.7	50.2
U03-100141	49.7	63.7	74.2	67.1	68.6	64.0	69.9	45.0
U03-200317	52.3	66.4	75.8	74.2	70.1	76.3	79.9	49.8
U03-200319	62.4	60.1	70.2	59.9	65.8	65.7	69.3	53.5
U03-260216	59.8	61.5	85.1	68.4	75.7	72.1	75.1	50.9
U03-300134	57.5	64.2	85.9	70.6	77.5	62.7	75.1	51.8
C.V. (%)	10.1	15.7	4.7	7.4	7.9	7.0	3.9	8.3
L.S.D. (5%)	9.2	23.0	8.3	11.5	7.4	6.0	3.8	6.9
Row Sp. (In.)	10	30	30	30	7.5	17	18	30
Rows/Plot	8	4	4	4	8	5	5	4
Reps	3	2	2	2	3	3	3	3

UNIFORM TEST II, 2007

YIELD RANK

Strain	Yield Rank	Ames IA	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	16	4	11	18	10	10	8	4	23	9
IA1021	21	9	21	15	12	16	1	19	20	10
IA3024	5	4	19	9	3	6	21	7	11	5
A05-112001	13	19	12	11	22	12	15	17	12	6
A05-212037	12	16	20	6	9	4	7	10	5	8
A05-311001	7	22	3	10	20	7	5	13	4	11
LD01-7323	10	21	9	16	5	8	4	5	9	20
LD02-4485	3	6	6	2	2	8	14	3	13	14
LD02-5025	7	20	5	19	6	1	9	2	8	13
LD02-5320	11	7	14	16	4	3	10	6	7	15
LD03-10504	4	3	16	12	16	2	11	1	18	4
SD02-22	19	8	22	20	8	15	17	8	19	6
SD02-96	18	12	13	7	13	19	19	15	15	2
SD03-483	20	11	15	21	21	20	2	16	22	23
SD03-949	17	17	4	13	18	22	12	12	6	1
SD03-1237	23	23	18	22	23	23	16	22	14	18
SD03-1601	22	15	23	22	14	18	20	23	21	20
U02-242055	9	1	7	4	1	5	18	20	10	15
U03-100141	13	2	8	14	15	21	6	11	16	19
U03-200317	6	18	17	3	17	17	23	21	3	3
U03-200319	13	12	10	5	11	14	22	14	17	17
U03-260216	2	10	2	8	18	11	3	9	2	22
U03-300134	1	14	1	1	7	13	13	18	1	12

UNIFORM TEST II, 2007

YIELD RANK

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Hoytville Oh	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	9	21	22	21	19	11	19	19
IA1021	14	23	23	23	21	24	14	2
IA3024	5	1	7	1	5	15	16	14
A05-112001	3	9	15	6	14	8	5	22
A05-212037	23	14	13	3	12	23	8	10
A05-311001	6	8	3	8	4	7	4	20
LD01-7323	7	13	12	11	10	22	2	17
LD02-4485	13	5	11	12	9	3	3	17
LD02-5025	17	18	10	4	7	20	11	15
LD02-5320	10	11	20	17	15	12	10	2
LD03-10504	11	7	18	13	3	4	9	21
SD02-22	1	19	8	14	22	21	22	1
SD02-96	12	15	9	18	20	16	20	4
SD03-483	14	20	16	22	18	19	21	8
SD03-949	17	3	5	16	16	10	23	12
SD03-1237	22	16	19	20	23	25	18	6
SD03-1601	20	22	20	19	17	14	17	16
U02-242055	19	17	17	10	13	6	12	11
U03-100141	21	6	6	9	8	9	13	23
U03-200317	14	2	4	2	6	1	1	13
U03-200319	2	12	14	15	11	5	15	4
U03-260216	4	10	2	7	2	2	7	9
U03-300134	8	4	1	5	1	13	6	7

UNIFORM TEST II, 2007

MATURITY (date)

Strain	Mean	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham	Lanawee	Lamberton MN
	14 Tests							County MI	County MI	
IA2068 (II) (SCN)	9/17	9/13		9/20	9/1	9/3	9/8	9/23	9/14	10/3
IA1021	-4.8	-9		-11	-2	-2	-3	-6	-1	-5
IA3024	7.3	6		1	7	14	6	6	16	3
A05-112001	5.1	5		-1	5	6	5	3	11	3
A05-212037	4.0	3		-1	5	10	4	1	13	1
A05-311001	5.4	3		0	3	12	10	3	11	2
LD01-7323	5.1	6		0	1	3	7	7	10	3
LD02-4485	4.0	4		-1	3	5	7	4	9	2
LD02-5025	5.0	5		0	5	6	8	5	12	2
LD02-5320	2.9	-2		0	3	2	7	5	10	1
LD03-10504	4.4	5		-1	5	10	5	4	9	2
SD02-22	-1.1	2		-5	1	-1	3	-1	0	-6
SD02-96	-2.6	-7		-8	0	-1	-1	-3	-1	-2
SD03-483	-1.7	-8		-4	-1	-2	-1	-5	2	-4
SD03-949	-1.1	-4		-6	0	-2	-2	3	5	-2
SD03-1237	-2.5	-7		-6	1	-1	-2	-6	-1	-3
SD03-1601	-0.8	-3		-4	2	1	0	-6	6	-1
U02-242055	2.0	2		-2	3	5	3	0	9	1
U03-100141	5.8	8		-1	4	7	8	4	13	2
U03-200317	3.0	3		-2	2	4	8	2	7	-1
U03-200319	-2.0	-6		-6	-1	-1	2	-3	0	-4
U03-260216	2.4	4		-3	0	1	4	2	7	1
U03-300134	3.7	4		-1	3	6	8	2	9	2
Date Planted	5/17	5/12	5/18	5/10	5/4	5/7	5/10	5/11	5/15	5/22
Days to Mature	123	124		133	120	119	121	135	122	134

UNIFORM TEST II, 2007

MATURITY (date)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Hoytville Oh	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	9/24	9/26		9/18	9/12	9/22	9/29	
IA1021	-5	-4		-3	-1	-7	-8	
IA3024	4	6		8	8	7	11	
A05-112001	2	7		5	10	3	7	
A05-212037	2	4		5	5	1	3	
A05-311001	3	6		5	8	4	6	
LD01-7323	2	5		5	9	8	6	
LD02-4485	2	2		3	7	4	5	
LD02-5025	3	3		4	8	4	5	
LD02-5320	0	2		3	2	4	3	
LD03-10504	1	2		5	8	5	2	
SD02-22	-2	-2		3	0	-2	-5	
SD02-96	-4	-1		1	0	-5	-5	
SD03-483	-2	0		2	1	0	-2	
SD03-949	-2	-2		1	2	-2	-4	
SD03-1237	-4	0		1	0	-5	-3	
SD03-1601	-3	-1		2	1	-1	-4	
U02-242055	1	0		4	2	-1	1	
U03-100141	3	7		7	9	6	4	
U03-200317	0	2		4	9	4	0	
U03-200319	-2	-2		-1	0	-3	-1	
U03-260216	2	1		4	8	2	0	
U03-300134	2	4		5	8	2	-2	
Date Planted	5/15	6/2	6/5	5/22	5/9	5/24	5/28	5/19
Days to Mature	132	116		119	126	121	124	

UNIFORM TEST II, 2007

LODGING (score)

Strain	Mean 16 Tests	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	1.9	1.5	2.5	3.8	2.5	1.0	1.0	1.0	4.0	1.7
IA1021	1.9	2.0	2.0	2.8	2.3	1.0	1.3	1.0	4.0	1.7
IA3024	1.8	1.8	1.8	3.0	2.0	1.0	1.0	1.0	3.0	2.0
A05-112001	1.6	1.8	2.0	2.5	2.0	1.0	1.0	1.0	2.5	1.7
A05-212037	1.8	1.8	2.3	2.8	2.2	1.0	1.0	1.0	3.0	2.0
A05-311001	1.7	1.5	2.5	3.3	2.2	1.0	1.0	1.0	3.0	2.0
LD01-7323	1.8	1.8	2.0	3.7	2.3	1.0	1.2	1.0	3.0	2.0
LD02-4485	1.8	1.5	3.0	2.8	2.3	1.0	1.5	1.0	3.0	1.7
LD02-5025	1.8	1.8	2.3	3.3	2.3	1.0	1.0	1.0	3.0	1.7
LD02-5320	1.9	1.8	2.3	3.3	2.7	1.2	1.5	1.5	3.0	2.0
LD03-10504	1.8	2.0	2.0	2.8	2.5	1.0	1.2	1.0	3.0	2.0
SD02-22	1.7	1.8	2.3	2.8	1.8	1.0	1.0	1.0	3.0	1.0
SD02-96	1.4	1.5	1.5	1.5	1.5	1.0	1.0	1.0	2.0	1.7
SD03-483	2.0	1.5	2.3	3.2	2.2	1.0	1.3	1.0	5.0	1.7
SD03-949	1.2	1.3	1.5	1.5	1.0	1.0	1.0	1.0	2.0	1.3
SD03-1237	1.9	1.8	3.3	2.7	2.3	1.0	1.2	1.0	3.5	2.0
SD03-1601	1.9	1.5	1.8	3.0	2.5	1.0	1.2	1.0	3.5	2.0
U02-242055	1.7	2.0	1.8	2.5	2.0	1.0	1.0	1.0	3.0	2.0
U03-100141	2.0	2.0	2.3	3.2	2.3	1.0	1.2	1.0	4.0	2.0
U03-200317	1.4	1.5	2.0	2.2	2.0	1.0	1.0	1.0	2.0	1.3
U03-200319	1.5	1.5	1.8	2.0	1.5	1.0	1.0	1.0	3.0	1.0
U03-260216	1.6	2.0	2.0	2.3	2.0	1.0	1.0	1.0	3.0	1.7
U03-300134	1.5	1.5	2.0	2.5	1.7	1.0	1.0	1.0	2.0	2.0

UNIFORM TEST II, 2007

LODGING (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Hoytville Oh	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	2.7	1.0		1.0	1.3	2.0	1.0	2.0
IA1021	2.3	1.0		3.5	1.3	1.7	1.0	2.0
IA3024	2.3	1.0		1.5	1.3	2.0	1.3	2.0
A05-112001	2.3	1.0		1.0	1.3	1.3	1.0	2.0
A05-212037	2.7	1.0		1.5	1.3	1.7	1.0	2.0
A05-311001	2.3	1.0		1.0	1.3	1.7	1.0	2.0
LD01-7323	2.0	1.0		1.0	1.3	2.0	1.0	2.0
LD02-4485	2.7	1.0		1.0	1.3	2.0	1.3	2.0
LD02-5025	2.7	1.0		1.0	1.3	2.0	1.0	2.0
LD02-5320	2.7	1.0		1.5	1.3	2.0	1.3	2.0
LD03-10504	2.0	1.0		1.5	1.3	2.0	1.3	2.0
SD02-22	2.0	1.0		1.5	1.3	2.0	1.0	2.0
SD02-96	2.0	1.0		1.0	1.3	1.0	1.0	2.0
SD03-483	2.7	1.0		2.0	1.3	2.0	1.0	2.0
SD03-949	2.0	1.0		1.0	1.3	1.0	1.0	1.0
SD03-1237	2.7	1.0		2.0	1.3	1.0	1.0	2.0
SD03-1601	2.3	1.0		2.0	1.3	1.7	2.0	2.0
U02-242055	2.0	1.0		1.5	1.3	1.7	1.0	2.0
U03-100141	3.0	1.0		2.0	1.3	2.3	1.3	2.0
U03-200317	2.0	1.0		1.0	1.3	1.3	1.0	1.0
U03-200319	2.0	1.0		1.0	1.3	1.3	1.0	2.0
U03-260216	2.0	1.0		1.0	1.3	2.0	1.0	2.0
U03-300134	2.0	1.0		1.0	1.3	1.3	1.0	2.0

UNIFORM TEST II, 2007

PLANT HEIGHT (inches)

Strain	Mean 15 Tests	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	32	31	32	34	37	31	26	29	32	35
IA1021	32	28	32	35	36	30	28	26	36	34
IA3024	37	33	38	39	43	34	30	33	42	38
A05-112001	34	34	37	37	40	33	28	27	37	33
A05-212037	35	33	36	39	40	34	30	30	41	35
A05-311001	34	29	38	36	39	32	30	26	37	35
LD01-7323	32	29	34	35	37	32	28	27	37	33
LD02-4485	35	31	39	36	38	32	30	34	41	34
LD02-5025	34	30	38	37	39	32	29	30	43	33
LD02-5320	36	34	37	39	42	34	30	34	43	37
LD03-10504	34	31	32	37	40	32	28	30	37	33
SD02-22	33	31	32	37	38	31	26	29	38	35
SD02-96	32	27	34	37	37	29	26	28	38	35
SD03-483	33	30	37	38	38	31	26	28	39	35
SD03-949	30	24	35	31	33	28	25	22	34	35
SD03-1237	33	30	37	34	36	30	26	28	35	33
SD03-1601	36	35	33	39	41	33	30	28	41	35
U02-242055	33	31	31	36	40	31	29	25	38	36
U03-100141	33	34	33	36	39	30	28	25	36	34
U03-200317	34	28	36	37	40	32	30	28	41	34
U03-200319	32	30	35	37	35	29	28	26	40	33
U03-260216	35	32	39	36	38	33	30	28	41	32
U03-300134	33	25	38	36	39	31	29	24	40	36

UNIFORM TEST II, 2007**PLANT HEIGHT (inches)**

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Hoytville Oh	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	36			33	25	37	27	35
IA1021	37			33	25	36	28	32
IA3024	43			35	31	40	31	38
A05-112001	39			35	30	40	30	33
A05-212037	41			34	30	40	30	34
A05-311001	39			33	29	37	28	36
LD01-7323	36			34	27	34	28	36
LD02-4485	39			34	29	38	31	36
LD02-5025	41			34	28	38	29	35
LD02-5320	41			35	30	43	30	34
LD03-10504	40			35	29	38	29	34
SD02-22	38			33	25	40	27	37
SD02-96	37			29	24	37	28	35
SD03-483	41			32	25	39	29	33
SD03-949	34			27	23	35	24	33
SD03-1237	40			33	28	37	30	34
SD03-1601	43			36	31	41	32	40
U02-242055	41			35	27	39	30	31
U03-100141	40			34	29	35	28	33
U03-200317	40			33	29	39	31	35
U03-200319	39			28	26	37	28	32
U03-260216	42			38	32	39	32	35
U03-300134	39			36	29	35	30	31

UNIFORM TEST II, 2007

SEED SIZE (g/100)

Strain	Mean	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham	Lanawee	Lamberton MN
	16 Tests							County MI	County MI	
IA2068 (II) (SCN)	14.0	12.0	13.2	13.6	14.1	12.7	15.5	15.0	15.4	13.8
IA1021	17.2	14.1	16.6	15.7	18.3	15.4	18.3	18.3	20.0	17.3
IA3024	16.1	14.7	15.6	14.9	16.4	15.3	14.9	16.5	20.6	14.9
A05-112001	14.9	12.2	14.7	13.6	15.1	14.3	16.2	16.3	19.0	15.8
A05-212037	16.5	14.4	16.3	14.9	16.9	17.1	15.5	18.1	20.0	14.8
A05-311001	17.2	13.8	16.7	16.2	16.6	18.3	18.4	18.0	20.6	15.8
LD01-7323	14.9	12.7	14.1	15.0	14.7	13.3	15.7	15.3	19.6	14.8
LD02-4485	14.8	13.1	14.0	13.3	16.1	15.4	15.0	14.9	17.4	15.0
LD02-5025	13.8	11.1	13.9	12.4	13.4	13.7	14.3	15.3	17.9	13.1
LD02-5320	16.0	14.0	14.9	14.7	16.9	15.4	16.9	16.3	19.2	16.1
LD03-10504	14.3	12.4	13.0	14.0	14.5	12.7	14.7	15.9	18.8	13.7
SD02-22	14.2	11.9	12.9	12.7	15.6	12.4	16.6	14.6	16.8	14.0
SD02-96	16.5	13.1	15.7	14.9	17.1	14.8	15.7	17.6	19.7	16.8
SD03-483	16.5	13.9	16.1	15.1	16.9	14.1	16.5	17.0	19.9	15.9
SD03-949	18.8	15.5	18.6	17.8	19.9	18.0	17.6	19.3	21.5	18.9
SD03-1237	16.2	12.7	16.1	13.5	16.8	13.8	16.7	17.1	20.7	16.5
SD03-1601	17.2	14.5	15.6	14.8	17.3	15.9	17.7	18.1	21.4	17.2
U02-242055	17.0	14.8	14.1	15.8	18.2	15.6	17.3	17.3	21.9	17.3
U03-100141	16.4	13.6	15.2	14.4	16.0	14.4	16.6	17.8	21.2	16.7
U03-200317	14.5	12.1	14.3	12.6	14.5	12.6	14.9	15.4	17.8	13.7
U03-200319	14.3	12.4	14.3	13.4	13.9	12.1	15.7	15.6	17.1	13.8
U03-260216	13.6	11.4	14.1	12.9	13.5	12.2	13.0	15.1	17.4	13.2
U03-300134	12.8	10.3	12.8	11.5	12.2	10.9	13.6	14.1	16.2	11.9

UNIFORM TEST II, 2007

SEED SIZE (g/100)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Hoytville Oh	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	14.9	13.0	14.7	11.1	13.8		17.3	13.3
IA1021	17.3	17.1	17.5	16.1	15.6		19.6	17.2
IA3024	14.3	15.3	17.7	17.1	16.0		19.9	13.6
A05-112001	13.3	13.7	14.6	13.7	13.8		18.1	13.4
A05-212037	14.2	16.5	17.2	17.8	16.3		18.7	15.5
A05-311001	17.0	16.0	17.7	17.1	16.6		21.2	15.2
LD01-7323	13.9	14.8	15.5	13.0	14.7		18.4	12.7
LD02-4485	14.9	14.0	14.6	14.2	12.8		18.5	13.5
LD02-5025	13.7	12.4	14.2	12.6	14.2		16.3	12.4
LD02-5320	14.2	16.3	16.3	14.7	15.1		19.5	15.7
LD03-10504	14.0	14.8	14.5	12.6	13.2		17.6	12.0
SD02-22	14.5	12.5	15.7	13.6	13.4		16.1	14.3
SD02-96	16.8	16.7	16.7	15.5	15.7		19.7	17.2
SD03-483	16.5		18.0	15.3	15.3		20.4	16.3
SD03-949	19.2	18.8	20.1	18.4	16.6		21.7	18.5
SD03-1237	15.9	16.1	18.0	14.3	14.7		19.6	16.8
SD03-1601	17.7	16.1	17.1	15.4	16.5		21.7	17.4
U02-242055	16.1	16.7	17.6	15.9	18.0		20.8	15.1
U03-100141	16.1	16.5	16.9	15.7	16.3		20.6	14.7
U03-200317	14.2	14.8	15.8	14.5	14.1		18.0	13.2
U03-200319	15.1	13.6	15.4	12.0	13.9		16.9	13.4
U03-260216	12.7	12.9	15.0	13.1	12.9		16.4	12.1
U03-300134	11.7	12.6	14.7	12.7	12.6		15.4	11.9

UNIFORM TEST II, 2007

SEED QUALITY (score)

Strain	Mean 13 Tests	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	2.3			3.0	3.0	1.5	1.5			1.5
IA1021	2.1			3.0	3.0	3.0	1.5			1.5
IA3024	2.2			1.0	3.0	2.5	1.5			2.0
A05-112001	2.0			1.0	3.0	2.0	1.0			2.0
A05-212037	2.1			2.0	2.0	1.5	1.5			1.5
A05-311001	1.8			2.0	2.0	2.0	1.0			1.5
LD01-7323	2.1			2.0	2.0	1.5	1.0			1.5
LD02-4485	2.1			2.0	3.0	2.0	1.0			1.5
LD02-5025	2.0			2.0	2.0	1.5	1.0			1.5
LD02-5320	2.1			2.0	2.0	1.5	1.0			1.0
LD03-10504	1.9			2.0	2.0	1.0	1.0			1.5
SD02-22	2.0			3.0	2.0	2.0	1.0			1.5
SD02-96	2.0			2.0	2.0	2.0	1.0			1.5
SD03-483	1.9			2.0	2.0	2.0	1.5			1.5
SD03-949	2.6			2.0	3.0	2.0	1.5			1.5
SD03-1237	1.8			2.0	2.0	2.5	1.5			1.0
SD03-1601	2.2			1.0	3.0	2.5	1.5			1.0
U02-242055	2.1			2.0	2.0	2.0	1.0			2.0
U03-100141	1.9			2.0	3.0	2.0	1.0			1.5
U03-200317	1.7			1.0	2.0	2.0	1.0			1.0
U03-200319	1.6			1.0	2.0	2.0	1.5			1.0
U03-260216	1.6			1.0	2.0	1.5	1.0			1.5
U03-300134	1.5			1.0	1.0	1.5	1.0			1.5

UNIFORM TEST II, 2007**SEED QUALITY (score)**

Strain	Waseca MN	Beemer NE	Cotesfield NE	Mead NE	Hoytville Oh	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	1.5	3.0	3.0	3.0	2.0	1.0	4.0	2.0
IA1021	1.0	2.0	3.0	3.0	1.5	1.3	2.0	2.0
IA3024	1.5	3.0	3.0	2.0	3.0	2.3	2.3	2.0
A05-112001	1.5	3.0	2.0	2.0	2.0	1.7	1.7	3.0
A05-212037	1.5	3.0	2.0	3.0	3.5	1.0	1.8	3.0
A05-311001	1.5	2.0	2.0	2.0	2.5	1.0	1.5	3.0
LD01-7323	1.5	3.0	3.0	2.0	3.5	1.7	1.0	3.0
LD02-4485	1.5	3.0	2.0	2.0	2.0	2.3	1.5	3.0
LD02-5025	1.5	3.0	2.0	2.0	2.0	3.7	1.2	3.0
LD02-5320	1.5	3.0	3.0	3.0	2.5	3.0	1.3	2.0
LD03-10504	1.5	3.0	3.0	3.0	3.0	1.3	1.0	2.0
SD02-22	1.5	2.0	3.0	3.0	2.5	1.7	1.3	2.0
SD02-96	1.5	2.0	3.0	2.0	3.0	1.0	1.7	3.0
SD03-483	1.5		3.0	2.0	2.5	1.3	1.3	2.0
SD03-949	1.5	3.0	4.0	3.0	2.5	4.0	3.7	2.0
SD03-1237	1.5	2.0	3.0	2.0	1.5	1.3	1.3	2.0
SD03-1601	1.5	3.0	3.0	2.0	3.0	2.3	2.0	3.0
U02-242055	2.0	2.0	4.0	2.0	2.0	2.0	1.3	3.0
U03-100141	1.5	2.0	2.0	2.0	2.0	2.3	1.7	2.0
U03-200317	1.5	2.0	2.0	2.0	2.5	1.7	1.7	2.0
U03-200319	1.5	2.0	2.0	2.0	1.5	1.0	1.7	2.0
U03-260216	1.5	2.0	2.0	2.0	1.5	1.7	1.0	2.0
U03-300134	1.5	2.0	2.0	2.0	2.0	1.3	1.0	2.0

UNIFORM TEST II, 2007

PROTEIN (%)

Strain	Mean 12 Tests	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI
IA2068 (II) (SCN)	33.3	34.3	31.8	33.7	33.3	32.1	35.4
IA1021	35.0	37.1	35.7	34.9	36.4	34.9	36.4
IA3024	32.8	33.3	32.2	31.9	33.0	31.2	35.2
A05-112001	35.3	35.5	34.1	35.4	35.9	35.6	37.4
A05-212037	32.6	33.9	30.3	32.6	33.2	32.0	34.7
A05-311001	34.7	37.0	33.3	34.1	34.4	33.9	38.5
LD01-7323	35.0	35.5	34.7	36.1	35.0	34.8	38.0
LD02-4485	32.5	32.8	32.3	33.4	32.9	32.2	33.4
LD02-5025	33.9	34.4	31.7	33.8	34.4	33.1	36.5
LD02-5320	36.4	37.1	34.8	36.7	35.6	37.0	38.5
LD03-10504	34.7	35.7	33.2	34.7	34.4	34.4	37.5
SD02-22	34.2	36.2	33.1	34.4	33.7	35.0	36.4
SD02-96	34.9	35.9	33.0	35.1	34.8	34.8	37.3
SD03-483	36.9	37.4	36.6	36.5	36.3	36.6	39.6
SD03-949	33.7	34.3	32.9	34.5	34.9	33.8	36.3
SD03-1237	33.7	34.2	32.1	34.6	34.0	34.0	36.3
SD03-1601	34.1	35.9	33.4	35.2	34.2	33.8	36.6
U02-242055	34.9	36.6	34.3	35.2	34.7	34.2	36.7
U03-100141	35.1	35.5	34.7	35.8	35.8	35.4	37.1
U03-200317	33.6	35.4	32.4	33.0	33.2	33.8	36.1
U03-200319	33.9	34.8	32.3	33.9	35.0	33.3	36.0
U03-260216	33.6	34.7	32.1	33.8	33.7	33.3	36.8
U03-300134	33.4	33.9	32.3	32.8	33.1	33.5	36.5

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

UNIFORM TEST II, 2007**PROTEIN (%)**

Strain	Lamberton MN	Waseca MN	Beemer NE	Hoytville OH	Harrow ONT	Aurora SD
IA2068 (II) (SCN)	29.7	30.7	36.8	34.0	35.6	32.1
IA1021	32.8	32.5	35.5	34.6	35.1	34.2
IA3024	31.5	30.1	33.9	33.4	35.6	31.7
A05-112001	34.2	33.3	35.6	35.2	37.0	34.7
A05-212037	30.9	30.5	32.4	34.2	34.0	32.8
A05-311001	31.1	32.9	34.6	36.1	36.3	33.9
LD01-7323	31.1	34.2	34.9	36.2	35.9	34.2
LD02-4485	30.3	30.4	32.9	33.1	34.3	32.8
LD02-5025	31.4	32.5	34.1	34.6	35.4	34.2
LD02-5320	35.5	34.0	36.1	37.1	38.0	36.1
LD03-10504	33.0	32.5	35.7	35.2	36.8	33.2
SD02-22	29.7	32.5	36.0	35.7	35.7	31.7
SD02-96	33.9	32.9	35.7	35.5	36.6	33.2
SD03-483	33.7	38.5	37.2	36.6	38.0	35.8
SD03-949	30.6	31.7	33.8	33.8	35.8	32.4
SD03-1237	31.7	31.1	34.5	34.2	35.7	31.9
SD03-1601	32.2	32.2	33.9	34.0	35.4	32.4
U02-242055	34.0	33.3	36.0	34.9	36.0	33.2
U03-100141	32.5	33.0	35.2	35.5	36.5	33.5
U03-200317	30.9	32.8	34.6	34.8	34.6	32.0
U03-200319	31.4	32.7	35.7	34.4	35.1	32.1
U03-260216	31.3	31.9	35.1	33.4	34.5	32.4
U03-300134	32.6	31.8	34.2	32.9	34.6	32.3

UNIFORM TEST II, 2007

OIL (%)

Strain	Mean 12 Tests	Ripsey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI
IA2068 (II) (SCN)	18.2	18.7	17.0	16.9	19.6	19.3	16.9
IA1021	17.6	17.6	15.9	16.8	18.3	18.3	16.8
IA3024	18.4	18.8	17.4	18.6	20.5	20.0	17.2
A05-112001	17.7	17.9	17.3	17.5	18.6	18.0	17.0
A05-212037	18.6	18.7	18.4	18.3	19.4	19.7	17.6
A05-311001	18.3	19.3	18.0	17.5	19.4	19.3	16.0
LD01-7323	17.3	17.6	16.3	16.4	18.6	18.3	15.7
LD02-4485	18.1	18.4	17.4	16.8	18.7	18.8	17.5
LD02-5025	17.4	17.8	16.5	16.3	17.8	18.3	16.0
LD02-5320	17.1	17.2	16.5	16.0	18.0	16.6	16.1
LD03-10504	17.9	18.2	17.2	17.3	18.7	19.2	16.7
SD02-22	17.3	17.1	16.4	16.5	18.6	17.0	16.3
SD02-96	18.4	18.4	18.0	17.2	19.5	19.0	17.5
SD03-483	17.5	17.5	16.7	16.5	18.6	17.5	16.3
SD03-949	17.8	17.9	16.5	17.2	18.7	18.7	16.5
SD03-1237	18.7	19.3	18.0	17.1	19.8	19.5	17.4
SD03-1601	18.0	18.5	17.4	16.3	18.7	18.3	16.8
U02-242055	18.2	18.2	17.5	18.2	19.3	19.2	17.4
U03-100141	18.1	18.5	17.0	17.3	18.8	19.1	16.7
U03-200317	18.4	18.8	17.7	17.0	20.2	19.1	17.0
U03-200319	18.6	18.9	18.0	18.1	19.1	19.2	17.7
U03-260216	18.4	18.6	18.0	18.0	19.5	19.4	16.8
U03-300134	18.5	19.0	17.8	18.4	20.4	19.5	17.1

UNIFORM TEST II, 2007

OIL (%)

Strain	Lamberton MN	Waseca MN	Beemer NE	Hoytville OH	Harrow ONT	Aurora SD
IA2068 (II) (SCN)	18.7	18.4	19.0	18.1	18.3	17.4
IA1021	17.8	18.1	17.6	18.0	19.1	17.1
IA3024	17.8	18.8	17.6	18.3	18.1	17.2
A05-112001	17.4	18.3	17.6	18.1	18.0	16.7
A05-212037	18.4	18.6	18.1	18.6	19.3	17.7
A05-311001	19.4	18.4	18.3	17.6	18.5	17.6
LD01-7323	18.8	17.4	17.3	16.8	18.2	16.4
LD02-4485	18.6	18.2	17.9	18.0	19.1	17.3
LD02-5025	18.0	17.7	17.7	17.7	18.0	16.7
LD02-5320	17.1	18.0	17.6	17.1	17.5	17.0
LD03-10504	17.9	18.4	18.2	18.1	18.2	17.3
SD02-22	18.6	17.2	16.8	17.4	17.7	17.6
SD02-96	18.3	18.6	18.1	18.0	19.1	18.7
SD03-483	18.3	19.3	17.0	17.6	18.2	16.9
SD03-949	18.1	17.7	17.8	17.7	18.3	18.0
SD03-1237	19.1	19.5	18.3	17.8	19.6	18.9
SD03-1601	17.6	18.7	18.2	18.1	18.8	18.3
U02-242055	17.8	17.9	18.3	18.2	19.1	17.8
U03-100141	18.8	18.3	18.5	17.3	18.8	17.9
U03-200317	18.3	18.7	18.0	18.3	19.2	18.1
U03-200319	18.6	19.3	18.9	18.5	18.8	18.5
U03-260216	18.3	18.8	17.5	18.6	19.1	18.3
U03-300134	17.4	18.6	18.3	18.6	19.1	18.0

Preliminary Test IIA, 2007

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA2068 (II) (SCN)	AgriPro P1953 x LN94-10470	F5	SCN
2.	IA1021	NE1900 x Pioneer XB28V99		
3.	IA3024	A97-553017 x Pioneer YB33A99		1% linolenic
4.	A06-711025	A02-338043 x AgriPro 96003-A98-32359	F4	
5.	A06-711039	Pioneer 91M10 x Dairyland 99622	F4	
6.	A06-711042	Pioneer 91M10 x Dairyland 99622	F4	
7.	A06-712008	IA2068 x AgriPro 96003-A98-32359	F4	SCN
8.	A06-712018	A02-236010 x AgriPro 1490N	F4	SCN
9.	A06-712022	A02-236010 x Soygenetics 97-39372	F4	
10.	A06-712036	Pioneer 91M10 x AgriPro 2918	F4	
11.	A06-712038	Dairyland 99543 x Pioneer 91M10	F4	
12.	A06-811041	Dairyland 99345-31 x A02-338039	F4	
13.	A06-812001	A02-338043 x Dairyland 99622	F4	
14.	A06-812010	Dairyland 99540 x A02-336040	F4	
15.	A06-812013	Dairyland 99659 x A02-136031	F4	
16.	A06-812022	Dairyland 99669 x A02-237015	F4	
17.	A06-812025	Dairyland 99669 x A02-237015	F4	
18.	A06-912008	IA3027 x Syngenta S18-N5	F4	SCN
19.	AR05-250043	Pana X AGP02-1	F4	SDS
20.	CL00-9546		F6	Rps1-b
21.	E05012	A98-781041 x U97-207134	F5	
22.	E05030	IA2050 x U97-207134	F5	
23.	E05053	A98-781041 x U97-207134	F5	
24.	E05087	IA2050 x U97-207134	F5	
25.	E05090	IA2050 x U97-207134	F5	
26.	E05094	IA2050 x U97-207134	F5	
27.	E05098	IA2052 x PI 507354	F5	
28.	E05128	PI 548693 x U97-207134	F5	
29.	E05144	U97-207134 x LN92-7369	F5	
30.	E05240-T	Loda x IA2054	F5	
31.	LG04-3292	HS93-4118 x LG97-5474	F6	
32.	LG04-3577	LG97-8905 x LG97-8789	F6	
33.	LG04-4468	LG97-8856 x IA3010	F6	
34.	LG04-5389	LG97-5474 x IA3010	F6	

PRELIMINARY TEST IIA, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		FE
		Score	Score	Score	Lafayette		Laf.
		Humboldt IA	Harrow ONT	Manhattan KS	Race 4	Race 7	a rx.
IA2068 (II) (SCN)	WGBSYII	4.1	1.0	1.0	S	S	S
IA1021	PLtBDYYI	4.0	1.0	2.0	S	S	S
IA3024	PGTDYIbI	4.0	1.0	1.0	R*	R*	S
A06-711025	PLtBIYYI	4.3	1.0	1.0	S	S	S
A06-711039	PGTDYYI	3.6	1.0	2.0	S	S	S
A06-711042	PGTDYYI	3.4	1.0	3.0	S	S	S
A06-712008	PGBIYYI	4.4	1.0	1.0	S	S	S
A06-712018	WGBDYYI	3.4	1.0	2.0	S	S	S
A06-712022	WGBDYYI	3.1	1.0	2.0	S	S	S
A06-712036	PG+LtBDYYI	3.9	1.0	1.0	S	S	S
A06-712038	P+WGTDYYI	3.8	1.0	2.0	S	S	S
A06-811041	WGBDYYI	3.1	1.0	2.0	S	S	S
A06-812001	PGBDYYI	3.3	1.0	2.0	S	S	S
A06-812010	WGBDYYI	3.4	1.0	1.0	S	S	S
A06-812013	PLtBDYYI	3.5	1.0	1.0	S	S	S
A06-812022	WGBDYYI	4.1	1.0	2.0	S	S	S
A06-812025	WGBDYYI	4.4	1.0	2.0	S	S	S
A06-912008	WGTDYY+Lbfl	3.7	1.0	1.0	S	S	S
AR05-250043	PTTDYBrI	4.5	1.0	1.0	S	S	S
CL00-9546	PTTDYGrI	4.4	1.0	1.0	R	R	S
E05012	WTBDYBII	3.4	1.0	2.0	S	S	S
E05030	WTBDYBII	4.0	1.0	4.0	S	S	S
E05053	PTTDYBII	3.8	1.0	1.0	R*	R*	S
E05087	P+WTTIIYBI+BrI	4.0	1.0	2.0	S	S	S
E05090	PTTDYBrI	4.1	1.0	3.0	S	S	S
E05094	PTTSYBII	4.0	1.0	3.0	S	S	S
E05098	WGBDYBfl	4.4	1.0	3.0	S	S	S
E05128	PGTDYBfl	3.2	1.0	3.0	R*	S	S
E05144	P+WTBIYBI+BrI	3.7	1.0	4.0	R*	R*	S
E05240-T	PGBDYGrI	3.1	1.0	4.0	S	S	S
LG04-3292	WGBDYBfl	3.9	1.0	1.0	S	R*	S
LG04-3577	PGTDYYI	3.8	1.0	1.0	R*	S	S
LG04-4468	WTTDYBII	3.8	1.0	2.0	S	R*	S
LG04-5389	PGTDYBfl	3.8	1.0	1.0	S	R*	S

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

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

PRELIMINARY TEST IIA, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield 10 bu/a	Rank 10 No.	Maturity 8 Date	Lodging 10 Score	Plant Height 9 In.	Seed Size 11 g/100	Seed Quality 8 Score	Composition	
								Protein 7 %	Oil 7 %
IA2068 (II) (SCN)	58.6	16	9/15	1.5	32	14.0	2.5	34.2	18.3
IA1021	54.3	31	-4.7	1.6	30	17.2	2.3	35.7	17.8
IA3024	61.9	3	6.9	1.4	35	16.4	2.4	33.4	18.2
A06-711025	59.4	12	2.3	1.8	35	14.1	1.9	34.3	17.4
A06-711039	61.2	8	4.0	1.5	34	17.3	1.8	34.9	17.9
A06-711042	60.1	10	3.8	1.9	34	15.5	2.1	35.5	17.7
A06-712008	56.8	24	0.7	1.4	32	14.2	2.0	35.1	17.6
A06-712018	58.3	18	1.8	1.8	32	15.7	1.8	34.4	17.0
A06-712022	60.0	11	1.4	1.3	30	15.1	1.9	35.3	17.6
A06-712036	61.9	3	2.3	1.4	36	15.1	2.3	35.9	18.1
A06-712038	57.2	23	0.9	1.3	30	16.0	2.4	35.3	17.6
A06-811041	57.8	21	5.1	1.3	34	17.5	2.4	36.9	17.1
A06-812001	62.6	2	3.0	1.5	33	17.4	2.4	35.1	17.6
A06-812010	61.5	5	5.3	1.5	33	15.4	1.9	33.7	18.3
A06-812013	61.3	7	2.6	1.6	32	14.9	2.5	35.0	17.2
A06-812022	66.6	1	5.9	1.5	32	16.0	1.8	35.5	17.8
A06-812025	58.8	15	5.2	1.3	32	16.0	2.0	36.3	17.0
A06-912008	61.4	6	5.8	1.4	35	16.7	1.9	36.5	17.1
AR05-250043	59.3	13	4.8	1.6	35	15.1	2.4	34.9	17.9
CL00-9546	59.3	13	8.8	1.4	35	14.1	1.9	36.3	17.0
E05012	54.3	31	-0.5	1.3	30	14.2	2.0	36.2	17.2
E05030	49.7	34	0.4	1.4	34	18.4	2.5	36.8	17.4
E05053	60.4	9	7.6	1.6	36	13.9	2.1	35.2	16.9
E05087	58.5	17	10.1	1.6	37	14.8	2.1	35.0	17.3
E05090	55.4	27	4.9	1.5	34	15.1	1.9	36.1	17.0
E05094	56.3	25	6.6	1.6	36	14.5	1.8	34.9	17.4
E05098	57.5	22	1.2	1.6	36	15.0	1.9	36.0	17.7
E05128	53.7	33	2.5	1.7	33	17.3	2.6	35.5	17.8
E05144	54.9	29	4.1	1.5	33	17.2	2.4	36.5	16.7
E05240-T	54.8	30	-0.6	1.4	29	20.9	3.1	37.3	16.6
LG04-3292	55.4	27	7.3	2.0	38	12.2	1.9	35.0	17.6
LG04-3577	58.0	20	7.4	1.4	29	14.1	1.6	36.4	17.9
LG04-4468	58.1	19	8.8	1.7	37	14.3	1.6	34.3	17.6
LG04-5389	56.3	25	6.6	1.7	37	14.0	2.1	35.0	17.3

120.8 Days After Planting

PRELIMINARY TEST IIA, 2007

YIELD (bu/a)

Strain	Mean	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham*	Beermer NE
	10 Tests					County MI	
IA2068 (II) (SCN)	58.6	47.5	57.2	61.7	55.1	53.1	54.0
IA1021	54.3	42.4	49.0	59.5	52.8	29.1	59.9
IA3024	61.9	47.5	51.8	59.3	46.6	37.5	68.7
A06-711025	59.4	52.7	61.4	48.8	46.2	33.4	60.7
A06-711039	61.2	40.8	46.4	68.7	48.2	39.8	67.2
A06-711042	60.1	51.1	53.9	56.9	51.3	34.0	66.0
A06-712008	56.8	39.2	49.3	57.7	54.9	27.0	54.2
A06-712018	58.3	40.5	58.6	60.5	49.0	41.9	59.2
A06-712022	60.0	36.9	53.0	62.2	50.5	32.3	72.0
A06-712036	61.9	42.8	54.1	67.0	50.9	30.2	62.8
A06-712038	57.2	38.4	42.3	64.6	50.5	33.8	61.6
A06-811041	57.8	42.3	45.3	64.2	50.8	33.3	56.0
A06-812001	62.6	48.3	53.2	69.3	47.4	42.4	61.4
A06-812010	61.5	49.5	38.4	70.0	44.3	38.2	65.2
A06-812013	61.3	41.4	48.1	68.2	44.7	26.5	63.6
A06-812022	66.6	45.8	65.2	73.4	57.1	34.9	67.6
A06-812025	58.8	43.5	40.4	59.6	55.3	30.8	61.2
A06-912008	61.4	44.9	60.6	62.5	61.8	42.9	62.4
AR05-250043	59.3	37.5	47.2	72.6	54.3	50.3	56.1
CL00-9546	59.3	47.1	53.6	63.3	49.6	55.6	63.6
E05012	54.3	26.3	45.5	65.6	41.7	28.1	59.1
E05030	49.7	31.6	43.3	49.9	44.6	35.7	49.5
E05053	60.4	38.6	60.6	62.9	43.7	30.3	58.6
E05087	58.5	41.8	45.6	58.6	52.2	35.4	63.4
E05090	55.4	37.6	45.8	47.7	55.6	31.8	56.4
E05094	56.3	43.1	58.9	52.3	48.1	36.5	55.7
E05098	57.5	43.4	50.9	60.3	43.0	24.7	55.3
E05128	53.7	40.1	55.8	56.8	44.8	28.6	54.0
E05144	54.9	41.2	53.0	60.3	46.1	22.7	51.0
E05240-T	54.8	37.5	53.4	61.0	54.6	30.7	60.9
LG04-3292	55.4	41.1	47.5	53.8	45.3	35.4	53.5
LG04-3577	58.0	42.0	44.4	65.5	54.8	23.1	58.4
LG04-4468	58.1	34.6	51.8	47.0	58.8	36.1	59.6
LG04-5389	56.3	40.2	58.8	61.1	47.7	26.4	51.6
C.V. (%)		10.7	15.2	9.1	13.3	18.1	5.1
L.S.D. (5%)		9.1	15.9	9.4	13.5	10.5	7.5
Row Sp. (In.)		27	27	30	30	15	30
Rows/Plot		4	4	4	4	6	4
Reps		2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST IIA, 2007

YIELD (bu/a)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	66.0	56.0	67.3	70.1	50.8
IA1021	57.7	28.8	66.6	65.7	60.8
IA3024	80.2	70.8	80.1	69.1	44.8
A06-711025	73.1	53.5	71.4	71.4	54.5
A06-711039	79.5	65.9	75.8	72.5	47.2
A06-711042	64.9	58.9	73.2	72.4	52.5
A06-712008	69.1	53.8	70.9	73.8	45.1
A06-712018	64.4	61.6	66.6	73.8	48.8
A06-712022	71.2	60.1	62.0	72.8	59.5
A06-712036	71.8	58.9	84.1	73.4	53.6
A06-712038	71.8	53.0	71.8	69.8	48.5
A06-811041	72.1	55.5	74.7	69.6	47.5
A06-812001	79.7	65.4	78.1	72.7	50.3
A06-812010	74.0	71.8	74.5	73.7	53.6
A06-812013	75.8	62.2	83.0	74.4	52.1
A06-812022	79.6	63.6	80.8	80.8	51.6
A06-812025	74.0	65.5	68.1	73.0	47.0
A06-912008	65.2	58.0	73.5	75.6	49.8
AR05-250043	67.0	52.9	72.0	81.9	51.8
CL00-9546	70.5	64.3	75.7	66.0	39.4
E05012	62.2	53.4	70.1	65.5	53.6
E05030	59.8	31.6	64.1	65.2	57.3
E05053	76.6	67.2	84.3	76.6	35.1
E05087	75.5	57.9	80.6	71.9	37.3
E05090	69.3	53.3	76.8	68.3	42.8
E05094	70.8	62.0	72.7	62.8	36.5
E05098	69.4	54.3	78.8	71.4	48.2
E05128	60.8	39.6	75.4	66.8	42.8
E05144	67.2	48.1	74.1	64.6	43.9
E05240-T	65.5	51.3	52.5	62.8	48.8
LG04-3292	67.3	56.6	82.2	68.3	38.4
LG04-3577	74.9	60.8	65.4	65.2	48.6
LG04-4468	79.1	65.1	77.9	67.9	39.6
LG04-5389	67.0	59.3	71.0	66.5	40.1
C.V. (%)	7.0	11.8	5.0	3.9	7.1
L.S.D. (5%)	12.1	16.6	7.5	4.7	6.9
Row Sp. (In.)	30	30	7.5	18	30
Rows/Plot	4	4	8	5	4
Reps	2	2	2	2	2

PRELIMINARY TEST IIA, 2007

YIELD RANK

Strain	Yield Rank	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	16	5	8	16	6	2	29
IA1021	31	14	21	23	11	26	17
IA3024	3	5	17	24	24	9	2
A06-711025	12	1	2	32	25	18	16
A06-711039	8	21	25	5	20	7	4
A06-711042	10	2	11	27	13	16	5
A06-712008	24	25	20	26	7	29	28
A06-712018	18	22	7	19	19	6	19
A06-712022	11	31	15	15	16	20	1
A06-712036	3	13	10	7	14	25	10
A06-712038	23	27	32	10	16	17	12
A06-811041	21	15	29	11	15	19	25
A06-812001	2	4	14	4	23	5	13
A06-812010	5	3	34	3	31	8	6
A06-812013	7	18	22	6	29	30	7
A06-812022	1	8	1	1	3	15	3
A06-812025	15	10	33	22	5	22	14
A06-912008	6	9	3	14	1	4	11
AR05-250043	13	29	24	2	10	3	24
CL00-9546	13	7	12	12	18	1	7
E05012	31	34	28	8	34	28	20
E05030	34	33	31	31	30	12	34
E05053	9	26	3	13	32	24	21
E05087	17	17	27	25	12	13	9
E05090	27	28	26	33	4	21	23
E05094	25	12	5	30	21	10	26
E05098	22	11	19	20	33	32	27
E05128	33	24	9	28	28	27	29
E05144	29	19	15	20	26	34	33
E05240-T	30	29	13	18	9	23	15
LG04-3292	27	20	23	29	27	14	31
LG04-3577	20	16	30	9	8	33	22
LG04-4468	19	32	17	34	2	11	18
LG04-5389	25	23	6	17	22	31	32

PRELIMINARY TEST IIA, 2007

YIELD RANK

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	26	21	28	18	12
IA1021	34	34	30	28	1
IA3024	1	2	7	21	24
A06-711025	12	25	23	17	4
A06-711039	4	4	12	13	21
A06-711042	29	16	19	14	8
A06-712008	21	24	25	7	23
A06-712018	30	12	29	6	15
A06-712022	16	14	33	11	2
A06-712036	14	16	2	9	5
A06-712038	14	28	22	19	18
A06-811041	13	22	15	20	20
A06-812001	2	6	9	12	13
A06-812010	10	1	16	8	5
A06-812013	7	10	3	5	9
A06-812022	3	9	5	2	11
A06-812025	10	5	27	10	22
A06-912008	28	18	18	4	14
AR05-250043	24	29	21	1	10
CL00-9546	18	8	13	27	30
E05012	31	26	26	29	5
E05030	33	33	32	30	3
E05053	6	3	1	3	34
E05087	8	19	6	15	32
E05090	20	27	11	23	26
E05094	17	11	20	34	33
E05098	19	23	8	16	19
E05128	32	32	14	25	26
E05144	23	31	17	32	25
E05240-T	27	30	34	33	15
LG04-3292	22	20	4	22	31
LG04-3577	9	13	31	31	17
LG04-4468	5	7	10	24	29
LG04-5389	24	15	24	26	28

PRELIMINARY TEST IIA, 2007

MATURITY (date)

Strain	Mean 8 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	9/15	9/13		8/30	9/3	9/24	9/26
IA1021	-4.7	-9		-3	-5	-3	-5
IA3024	6.9	6		9	14	+4	6
A06-711025	2.3	4		1	3	+3	1
A06-711039	4.0	5		5	6	+1	5
A06-711042	3.8	3		4	6	+1	6
A06-712008	0.7	2		0	0	-2	0
A06-712018	1.8	2		3	2	+2	1
A06-712022	1.4	0		5	2	+1	1
A06-712036	2.3	2		4	2	+2	1
A06-712038	0.9	-3		2	1	0	2
A06-811041	5.1	8		6	6	+3	5
A06-812001	3.0	4		6	6	+3	0
A06-812010	5.3	5		6	9	+6	4
A06-812013	2.6	2		4	5	+1	1
A06-812022	5.9	6		7	10	+3	7
A06-812025	5.2	6		6	8	+3	6
A06-912008	5.8	8		5	11	+4	6
AR05-250043	4.8	4		7	9	+6	1
CL00-9546	8.8	9		9	14	+11	8
E05012	-0.5	-9		-1	0	-1	-2
E05030	0.4	-3		0	-1	+3	0
E05053	7.6	8		7	13	+9	9
E05087	10.1	12		9	18	+8	10
E05090	4.9	5		2	10	+2	7
E05094	6.6	7		6	13	+6	7
E05098	1.2	-1		0	1	+1	1
E05128	2.5	5		0	4	0	1
E05144	4.1	4		7	8	0	1
E05240-T	-0.6	-4		2	3	0	-3
LG04-3292	7.3	6		6	10	+8	10
LG04-3577	7.4	10		7	10	+2	9
LG04-4468	8.8	11		8	10	+9	9
LG04-5389	6.6	8		5	17	+4	4
Date Planted	5/18	5/12	5/18	5/4	5/7	5/11	6/2
Days to Mature	121	124		118	119	136	116

PRELIMINARY TEST IIA, 2007

MATURITY (date)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)		9/19	9/14	9/29	
IA1021		-2	-6	-8	
IA3024		6	8	7	
A06-711025		2	6	2	
A06-711039		4	6	1	
A06-711042		5	7	0	
A06-712008		1	3	0	
A06-712018		3	2	1	
A06-712022		3	2	-2	
A06-712036		2	5	2	
A06-712038		3	1	1	
A06-811041		5	6	5	
A06-812001		3	3	2	
A06-812010		4	8	6	
A06-812013		4	2	3	
A06-812022		5	8	4	
A06-812025		4	7	5	
A06-912008		4	6	7	
AR05-250043		4	8	5	
CL00-9546		6	15	10	
E05012		1	3	4	
E05030		4	0	3	
E05053		6	9	9	
E05087		9	12	11	
E05090		5	6	5	
E05094		6	9	5	
E05098		2	1	5	
E05128		3	6	1	
E05144		4	4	5	
E05240-T		-2	-4	3	
LG04-3292		6	12	8	
LG04-3577		7	9	8	
LG04-4468		8	15	10	
LG04-5389		6	7	6	
Date Planted	6/5	5/22	5/9	5/28	5/19
Days to Mature		120	128	124	

PRELIMINARY TEST IIA, 2007

LODGING (score)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	1.5	1.5	2.5	2.0	1.0	1.0	1.0
IA1021	1.6	2.0	2.0	2.0	1.0	1.0	1.0
IA3024	1.4	1.8	1.8	2.0	1.0	1.0	1.0
A06-711025	1.8	2.3	2.8	2.5	1.0	1.0	1.0
A06-711039	1.5	1.8	1.5	2.3	1.0	1.0	1.0
A06-711042	1.9	2.0	2.3	4.0	1.8	1.0	1.0
A06-712008	1.4	1.8	1.8	2.0	1.0	1.0	1.0
A06-712018	1.8	2.0	3.3	2.5	1.0	1.0	1.0
A06-712022	1.3	1.8	1.5	1.5	1.0	1.0	1.0
A06-712036	1.4	1.8	2.0	2.0	1.0	1.0	1.0
A06-712038	1.3	1.8	1.5	1.8	1.0	1.0	1.0
A06-811041	1.3	1.8	1.8	1.5	1.0	1.0	1.0
A06-812001	1.5	1.8	1.8	2.3	1.0	1.0	1.0
A06-812010	1.5	1.8	1.5	2.5	1.0	1.0	1.0
A06-812013	1.6	1.8	2.8	1.8	1.0	1.0	1.0
A06-812022	1.5	2.0	2.5	2.0	1.0	1.0	1.0
A06-812025	1.3	1.5	1.3	1.5	1.0	1.0	1.0
A06-912008	1.4	1.5	2.0	2.0	1.0	1.0	1.0
AR05-250043	1.6	1.8	2.3	2.8	1.0	1.5	1.0
CL00-9546	1.4	1.5	1.8	2.5	1.0	1.0	1.0
E05012	1.3	1.3	1.5	1.8	1.0	1.0	1.0
E05030	1.4	1.5	1.8	2.3	1.0	1.0	1.0
E05053	1.6	1.8	1.5	2.8	1.0	1.0	1.0
E05087	1.6	1.8	2.0	2.8	1.0	1.0	1.0
E05090	1.5	1.5	1.8	2.0	1.0	1.0	1.0
E05094	1.6	2.0	3.0	2.3	1.0	1.0	1.0
E05098	1.6	2.3	1.8	2.5	1.0	1.0	1.0
E05128	1.7	1.8	2.5	3.3	1.0	1.0	1.0
E05144	1.5	1.5	2.0	2.0	1.0	1.0	1.0
E05240-T	1.4	1.5	2.0	1.8	1.0	1.0	1.0
LG04-3292	2.0	2.3	3.0	2.8	1.3	1.5	1.0
LG04-3577	1.4	1.8	1.8	1.8	1.0	1.0	1.0
LG04-4468	1.7	1.8	1.8	3.0	1.0	1.5	1.0
LG04-5389	1.7	2.0	2.8	2.5	1.0	1.0	1.0

PRELIMINARY TEST IIA, 2007

LODGING (score)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)		2.0	1.3	1.0	2.0
IA1021		3.0	1.3	1.0	2.0
IA3024		1.5	1.3	1.0	2.0
A06-711025		2.0	1.4	1.5	2.0
A06-711039		2.0	1.3	1.0	2.0
A06-711042		2.5	1.3	1.5	2.0
A06-712008		1.0	1.3	1.0	2.0
A06-712018		2.5	1.3	1.0	2.0
A06-712022		1.0	1.3	1.0	2.0
A06-712036		1.0	1.5	1.0	2.0
A06-712038		1.0	1.3	1.0	2.0
A06-811041		1.0	1.3	1.0	2.0
A06-812001		2.0	1.3	1.0	2.0
A06-812010		1.5	1.3	1.0	2.0
A06-812013		2.0	1.3	1.0	2.0
A06-812022		1.0	1.3	1.0	2.0
A06-812025		1.5	1.3	1.0	2.0
A06-912008		1.0	1.3	1.0	2.0
AR05-250043		1.5	1.4	1.0	2.0
CL00-9546		1.0	1.3	1.0	2.0
E05012		1.0	1.3	1.0	2.0
E05030		1.5	1.3	1.0	2.0
E05053		2.0	1.6	1.0	2.0
E05087		2.0	1.8	1.0	2.0
E05090		2.0	1.3	1.0	2.0
E05094		1.5	1.3	1.0	2.0
E05098		2.0	1.5	1.0	2.0
E05128		2.0	1.3	1.0	2.0
E05144		2.0	1.3	1.0	2.0
E05240-T		1.0	1.3	1.0	2.0
LG04-3292		2.5	1.5	2.0	2.0
LG04-3577		1.5	1.3	1.0	2.0
LG04-4468		2.0	1.6	1.5	2.0
LG04-5389		2.0	1.3	1.0	2.0

PRELIMINARY TEST IIA, 2007

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	32	31	32	35	29	33	
IA1021	30	28	32	35	30	26	
IA3024	35	33	38	38	34	32	
A06-711025	35	34	40	39	35	33	
A06-711039	34	33	36	37	36	31	
A06-711042	34	34	39	37	35	30	
A06-712008	32	30	35	35	32	28	
A06-712018	32	28	36	36	33	28	
A06-712022	30	30	32	33	31	27	
A06-712036	36	35	38	41	35	33	
A06-712038	30	31	35	36	32	28	
A06-811041	34	37	36	39	33	29	
A06-812001	33	33	39	39	34	31	
A06-812010	33	34	31	36	34	30	
A06-812013	32	30	35	37	32	28	
A06-812022	32	30	36	36	34	28	
A06-812025	32	36	28	36	33	26	
A06-912008	35	32	40	40	35	33	
AR05-250043	35	33	38	40	35	34	
CL00-9546	35	34	37	38	36	34	
E05012	30	25	32	33	31	27	
E05030	34	32	34	38	34	33	
E05053	36	32	35	41	38	28	
E05087	37	35	41	39	37	31	
E05090	34	34	31	38	35	28	
E05094	36	35	43	41	36	31	
E05098	36	34	40	40	35	29	
E05128	33	32	33	36	33	27	
E05144	33	28	38	37	32	26	
E05240-T	29	28	28	32	31	29	
LG04-3292	38	37	42	41	37	33	
LG04-3577	29	27	33	31	29	25	
LG04-4468	37	38	38	34	38	34	
LG04-5389	37	36	40	41	37	31	

PRELIMINARY TEST IIA, 2007

PLANT HEIGHT (inches)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)		32	27	28	40
IA1021		30	26	29	35
IA3024		35	31	31	39
A06-711025		35	33	31	38
A06-711039		33	33	32	39
A06-711042		35	29	33	38
A06-712008		33	29	30	40
A06-712018		35	29	29	34
A06-712022		32	24	28	36
A06-712036		37	35	34	37
A06-712038		32	26	30	24
A06-811041		35	29	30	34
A06-812001		33	31	32	29
A06-812010		32	30	30	38
A06-812013		33	30	30	35
A06-812022		32	29	29	35
A06-812025		35	29	30	37
A06-912008		34	31	31	36
AR05-250043		33	33	32	38
CL00-9546		31	34	31	39
E05012		32	26	29	31
E05030		33	31	32	43
E05053		35	35	35	42
E05087		38	33	34	45
E05090		34	29	33	42
E05094		33	31	31	45
E05098		37	33	34	42
E05128		37	31	31	40
E05144		35	29	30	39
E05240-T		29	20	27	35
LG04-3292		42	34	35	43
LG04-3577		28	26	29	37
LG04-4468		37	38	34	40
LG04-5389		39	29	35	41

PRELIMINARY TEST IIA, 2007

SEED SIZE (g/100)

Strain	Mean 11 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	14.0	12.0	13.2	13.1	13.7	15.9	13.9
IA1021	17.2	14.1	16.6	17.0	16.2	20.0	17.7
IA3024	16.4	14.7	15.6	15.0	15.7	17.0	17.6
A06-711025	14.1	12.3	14.6	12.1	13.8	16.4	14.4
A06-711039	17.3	15.1	16.2	18.6	17.1	19.9	17.3
A06-711042	15.5	14.1	15.3	12.9	15.3	17.1	15.5
A06-712008	14.2	11.9	12.8	12.2	13.5	16.1	13.9
A06-712018	15.7	13.9	15.7	14.2	15.5	17.6	15.3
A06-712022	15.1	13.0	14.4	15.3	13.6	17.0	15.0
A06-712036	15.1	12.8	15.2	15.3	14.1	16.4	15.1
A06-712038	16.0	12.9	14.9	14.7	15.5	18.1	17.1
A06-811041	17.5	14.5	16.3	17.6	16.0	21.1	17.4
A06-812001	17.4	15.1	16.1	17.4	15.7	20.4	16.7
A06-812010	15.4	13.7	13.8	15.7	16.6	17.2	15.0
A06-812013	14.9	12.6	14.5	14.6	14.1	17.0	14.7
A06-812022	16.0	14.2	16.2	16.9	16.5	17.9	14.9
A06-812025	16.0	13.5	14.1	15.3	16.0	19.0	15.5
A06-912008	16.7	15.7	17.1	17.0	18.2	19.7	16.8
AR05-250043	15.1	13.2	14.0	16.5	15.1	17.7	14.2
CL00-9546	14.1	12.3	13.1	13.0	15.3	17.4	13.4
E05012	14.2	10.8	13.2	14.4	13.0	15.3	13.9
E05030	18.4	14.3	17.2	18.0	18.3	20.3	17.9
E05053	13.9	11.9	12.5	12.3	14.2	15.7	14.3
E05087	14.8	12.9	13.9	13.6	15.0	17.0	15.3
E05090	15.1	13.0	13.3	13.0	14.8	17.8	14.5
E05094	14.5	12.8	14.9	12.8	14.1	16.3	14.0
E05098	15.0	12.9	14.2	14.3	14.0	17.0	14.7
E05128	17.3	15.2	15.8	17.7	18.0	18.6	16.8
E05144	17.2	14.5	16.8	17.7	18.0	19.1	16.4
E05240-T	20.9	18.4	18.3	22.6	20.7	21.3	21.3
LG04-3292	12.2	11.2	11.8	11.0	11.8	13.4	12.1
LG04-3577	14.1	11.8	13.1	15.2	14.1	15.4	14.0
LG04-4468	14.3	12.4	14.4	13.7	14.6	14.6	14.9
LG04-5389	14.0	11.9	13.3	13.8	15.3	14.6	14.1

PRELIMINARY TEST IIA, 2007

SEED SIZE (g/100)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	14.6	13.3	13.9	18.1	11.9
IA1021	17.4	15.4	16.6	20.6	17.2
IA3024	18.4	17.1	15.7	20.5	13.0
A06-711025		14.2	12.6	17.0	13.1
A06-711039	17.9	17.4	15.0	20.8	14.8
A06-711042	15.4	15.4	16.3	18.6	14.7
A06-712008	14.2	14.9	14.6	17.2	14.7
A06-712018	16.5	16.0	14.8	18.8	14.8
A06-712022	15.8	15.4	14.4	18.8	13.7
A06-712036	15.4	14.1	14.9	18.5	14.2
A06-712038	19.0	15.4	14.6	19.5	14.8
A06-811041	19.2	16.9	15.0	22.6	16.0
A06-812001	18.4	17.7	16.3	21.6	15.8
A06-812010	16.3	15.5	14.3	17.8	13.8
A06-812013	16.2	15.7	14.2	18.5	12.0
A06-812022	16.4	15.6	14.4	19.9	13.6
A06-812025	16.9	16.0	15.5	20.8	13.9
A06-912008	16.4	16.6	16.2	17.6	12.7
AR05-250043	15.6	15.0	13.3	18.4	13.1
CL00-9546	14.7	15.0	13.2	17.0	11.0
E05012	16.0	15.0	12.5	17.1	14.5
E05030	19.2	20.0	18.8	21.3	17.6
E05053	15.0	13.9	13.7	18.1	11.7
E05087	15.7	14.5	15.1	17.9	11.4
E05090	16.5	15.4	16.9	18.4	12.3
E05094	16.2	15.2	14.1	17.0	11.9
E05098	15.3	14.2	16.9	18.5	12.8
E05128		16.3	16.1	22.6	15.8
E05144	17.7	17.9	15.8	20.9	15.0
E05240-T	21.7	20.0	19.2	24.5	21.9
LG04-3292	13.9	12.5	12.5	14.9	9.5
LG04-3577	14.6	14.1	13.6	16.0	12.9
LG04-4468	15.5	14.9	12.6	17.7	11.8
LG04-5389	15.8	14.4	12.8	15.9	12.1

PRELIMINARY TEST IIA, 2007

SEED QUALITY (score)

Strain	Mean 8 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	2.5			2.0	2.0		3.0
IA1021	2.3			2.0	2.0		2.0
IA3024	2.4			2.0	3.0		3.0
A06-711025	1.9			2.0	2.0		2.0
A06-711039	1.8			2.0	1.5		2.0
A06-711042	2.1			2.0	1.5		2.0
A06-712008	2.0			2.0	1.0		3.0
A06-712018	1.8			2.0	1.5		2.0
A06-712022	1.9			2.0	1.5		3.0
A06-712036	2.3			2.0	1.5		3.0
A06-712038	2.4			2.0	3.0		3.0
A06-811041	2.4			2.0	2.5		3.0
A06-812001	2.4			3.0	2.0		2.0
A06-812010	1.9			2.0	1.5		2.0
A06-812013	2.5			2.0	1.5		3.0
A06-812022	1.8			2.0	1.5		2.0
A06-812025	2.0			2.0	1.5		3.0
A06-912008	1.9			1.0	1.0		3.0
AR05-250043	2.4			3.0	1.5		3.0
CL00-9546	1.9			2.0	1.0		2.0
E05012	2.0			2.0	2.5		2.0
E05030	2.5			3.0	2.5		3.0
E05053	2.1			2.0	1.5		2.0
E05087	2.1			3.0	2.0		2.0
E05090	1.9			2.0	1.0		3.0
E05094	1.8			2.0	1.0		2.0
E05098	1.9			2.0	2.0		2.0
E05128	2.6			3.0	2.0		3.0
E05144	2.4			3.0	2.5		3.0
E05240-T	3.1			3.0	3.5		3.0
LG04-3292	1.9			2.0	1.0		3.0
LG04-3577	1.6			1.0	1.5		2.0
LG04-4468	1.6			1.0	2.0		2.0
LG04-5389	2.1			2.0	1.0		2.0

PRELIMINARY TEST IIA, 2007

SEED QUALITY (score)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	3.0	3.0	1.5	3.5	2.0
IA1021	3.0	4.0	1.5	1.5	2.0
IA3024	2.0	3.0	2.0	2.0	2.0
A06-711025		2.0	1.5	2.0	2.0
A06-711039	2.0	2.0	2.0	1.0	2.0
A06-711042	2.0	3.0	2.0	2.5	2.0
A06-712008	2.0	2.0	2.0	2.0	2.0
A06-712018	2.0	2.0	2.0	1.0	2.0
A06-712022	2.0	2.0	1.5	1.5	2.0
A06-712036	3.0	3.0	2.0	2.0	2.0
A06-712038	2.0	3.0	2.0	2.0	2.0
A06-811041	3.0	3.0	2.5	1.5	2.0
A06-812001	3.0	3.0	2.5	2.0	2.0
A06-812010	2.0	2.0	2.0	1.5	2.0
A06-812013	3.0	4.0	2.5	2.0	2.0
A06-812022	2.0	2.0	1.5	1.5	2.0
A06-812025	3.0	2.0	1.5	1.0	2.0
A06-912008	3.0	2.0	2.0	1.0	2.0
AR05-250043	3.0	4.0	1.5	1.0	2.0
CL00-9546	3.0	2.0	1.5	1.0	3.0
E05012	3.0	2.0	1.5	1.0	2.0
E05030	2.0	4.0	1.5	1.0	3.0
E05053	3.0	3.0	2.0	1.5	2.0
E05087	2.0	2.0	1.5	1.0	3.0
E05090	2.0	2.0	2.0	1.5	2.0
E05094	2.0	2.0	1.5	1.5	2.0
E05098	2.0	2.0	2.5	1.0	2.0
E05128		3.0	3.0	2.5	2.0
E05144	2.0	3.0	1.5	1.0	3.0
E05240-T	3.0	4.0	3.5	2.5	2.0
LG04-3292	2.0	3.0	1.5	1.0	2.0
LG04-3577	2.0	2.0	1.5	1.0	2.0
LG04-4468	1.0	2.0	1.5	1.0	2.0
LG04-5389	2.0	2.0	3.5	2.0	2.0

PRELIMINARY TEST IIA, 2007

PROTEIN (%)

Strain	Mean 7 Tests	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Cotesfield NE	Harrow ONT	Aurora SD
IA2068 (II) (SCN)	34.2	34.1	32.3	32.5	33.7	34.1	35.1	37.4
IA1021	35.7	37.0	35.6	36.1	36.2	35.8	35.4	33.8
IA3024	33.4	34.0	31.8	33.3	34.5	33.2	35.4	31.3
A06-711025	34.3	34.3	33.0	34.4	36.2	33.7	35.0	33.6
A06-711039	34.9	36.0	34.1	33.7	35.7	34.7	35.4	34.4
A06-711042	35.5	36.0	35.2	35.0	36.3	35.2	36.3	34.6
A06-712008	35.1	35.0	33.8	34.0	37.5	34.6	36.3	34.5
A06-712018	34.4	34.8	34.5	34.0	35.5	33.6	34.8	33.5
A06-712022	35.3	35.8	35.3	34.4	37.0	34.8	35.9	34.2
A06-712036	35.9	36.5	35.1	34.8	37.6	35.6	36.3	35.1
A06-712038	35.3	35.6	34.8	34.6	37.4	35.3	36.3	33.4
A06-811041	36.9	38.2	35.9	36.4	38.5	36.3	37.9	35.2
A06-812001	35.1	36.4	34.7	34.2	36.0	34.4	35.8	34.4
A06-812010	33.7	35.3	31.9	33.1	34.8	33.0	34.9	33.2
A06-812013	35.0	35.2	35.1	34.4	36.8	35.2	35.5	32.8
A06-812022	35.5	35.8	35.7	34.4	36.1	35.8	36.3	34.3
A06-812025	36.3	37.8	35.9	35.1	38.2	36.0	36.6	34.2
A06-912008	36.5	36.7	38.0	35.2	37.8	36.4	37.8	33.9
AR05-250043	34.9	35.7	34.6	34.0	36.6	34.9	35.5	32.7
CL00-9546	36.3	35.5	36.1	36.6	37.6	36.4	36.5	35.2
E05012	36.2	38.2	36.0	35.4	36.2	36.2	37.3	34.0
E05030	36.8	37.7	36.3	35.1	38.6	36.8	37.4	35.8
E05053	35.2	35.5	34.9	33.8	37.0	34.6	36.3	34.5
E05087	35.0	35.0	34.9	34.6	36.1	35.0	36.3	32.9
E05090	36.1	37.3	36.0	34.7	37.7	35.3	36.5	34.8
E05094	34.9	35.4	33.6	34.2	36.1	35.0	35.8	34.5
E05098	36.0	36.6	34.9	34.1	38.8	35.4	37.3	34.7
E05128	35.5	36.6	35.0	34.5	36.9	34.5	36.6	34.3
E05144	36.5	37.0	36.5	36.1	37.8	36.2	37.7	34.0
E05240-T	37.3	38.3	37.0	36.3	37.1	37.3	38.7	36.3
LG04-3292	35.0	36.1	35.1	32.6	37.0	34.9	35.8	33.5
LG04-3577	36.4	36.4	36.0	34.6	36.8	41.4	35.9	34.0
LG04-4468	34.3	35.1	33.9	34.5	35.4	34.4	35.3	31.5
LG04-5389	35.0	36.2	34.8	34.3	36.4	34.5	36.0	32.7

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

PRELIMINARY TEST IIA, 2007

OIL (%)

Strain	Mean 7 Tests	Ripley IA	Urbana IL	Lafayette IN	Ingham County MI	Cotesfield NE	Harrow ONT	Aurora SD
IA2068 (II) (SCN)	18.3	18.6	18.9	20.0	18.0	17.4	18.6	16.7
IA1021	17.8	18.1	17.3	18.7	17.0	16.7	18.8	17.6
IA3024	18.2	18.1	18.8	20.2	17.4	17.4	18.3	17.5
A06-711025	17.4	17.9	17.8	18.2	16.1	17.3	18.1	16.4
A06-711039	17.9	18.1	17.7	19.4	17.3	16.9	18.5	17.7
A06-711042	17.7	18.0	16.6	19.5	16.8	17.6	18.4	17.0
A06-712008	17.6	18.0	17.7	19.5	16.6	17.4	18.0	16.3
A06-712018	17.0	17.4	16.8	17.9	16.1	16.7	18.2	16.2
A06-712022	17.6	17.9	17.7	18.6	17.3	17.0	18.1	17.0
A06-712036	18.1	18.6	17.3	19.4	17.2	17.9	18.8	17.3
A06-712038	17.6	18.0	17.6	18.9	16.6	16.9	18.4	17.1
A06-811041	17.1	16.7	17.5	18.6	16.4	16.2	18.0	16.6
A06-812001	17.6	18.0	17.5	18.8	16.5	17.4	18.4	16.9
A06-812010	18.3	18.5	18.4	19.8	17.4	17.8	19.1	17.4
A06-812013	17.2	17.8	16.1	18.0	16.5	16.8	18.2	16.8
A06-812022	17.8	18.2	17.3	19.5	16.9	17.0	18.7	16.7
A06-812025	17.0	17.3	16.0	18.4	16.2	16.4	18.0	16.8
A06-912008	17.1	17.4	17.6	17.9	16.1	16.6	17.3	17.1
AR05-250043	17.9	18.9	16.9	19.1	16.6	17.6	18.9	17.4
CL00-9546	17.0	17.3	15.7	18.0	16.7	17.0	18.2	16.0
E05012	17.2	17.1	16.6	18.4	16.6	16.6	17.8	17.3
E05030	17.4	17.4	16.9	19.1	16.2	17.5	17.8	17.0
E05053	16.9	17.1	15.9	18.6	15.8	16.8	18.1	15.8
E05087	17.3	17.6	16.0	18.6	17.2	17.6	18.1	16.3
E05090	17.0	17.0	16.4	18.8	16.3	16.8	17.7	16.2
E05094	17.4	17.6	17.2	18.3	17.3	17.8	18.0	15.9
E05098	17.7	17.4	17.7	19.2	16.9	17.1	18.0	17.5
E05128	17.8	17.9	17.1	19.1	16.5	18.4	18.4	17.3
E05144	16.7	17.2	16.1	17.6	16.0	16.6	17.0	16.2
E05240-T	16.6	17.3	15.9	17.1	16.3	16.2	16.6	16.5
LG04-3292	17.6	17.4	16.8	20.2	16.5	17.3	18.4	16.7
LG04-3577	17.9	18.0	17.0	19.3	17.4	17.5	18.8	17.0
LG04-4468	17.6	18.3	16.1	18.3	16.7	18.0	18.9	17.0
LG04-5389	17.3	17.3	16.2	18.5	16.8	17.5	18.2	16.8

Preliminary Test IIB, 2007

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1	IA2068 (II) (SCN)	AgriPro P1953 x LN94-10470	F5	SCN
2.	IA1021	NE1900 x Pioneer XB28V99		
3.	IA3024	A97-553017 x Pioneer YB33A99		1% linolenic
4.	LD05-16605	Dwight(3) x (Dowling x Loda)	BC2F2	SCN
5.	HS5-3375	Dilworth x HS99-4045	F5	
6.	HS5-3384	Dilworth x HS99-4045	F5	
7.	HS5-3387	Dilworth x HS99-4045	F5	
8.	HS5-3404	IA 3023 x HS99-4045	F5	
9.	HS5-3417	IA 3023 x HS99-4045	F5	
10.	SD04CV-263	SD96-119 x A97-77051	F4	
11.	SD04CV-280	SD96-119 x A97-77051	F4	
12.	SD04CV-431	LG94-1906 x Surge	F4	
13.	SD04CV-460	SD96-77 x A97-77051	F4	
14.	SD04CV-470	SD96-77 x A97-77051	F4	
15.	SD04CV-485	SD96-77 x A97-77051	F4	
16.	SD04CV-907	LN93-14408 x Surge	F4	
17.	SD04CV-941	A97-772024 x ORC9803	F4	
18.	SD04CV-997	A97-770012 x LN95-872	F4	
19.	CS126	PI471.938 x NE3001	F5	
20.	U04-220345	UX1593 X HC97-545	F5	
21.	U04-220639	UX1593 X U98-311442	F5	SCN possible
22.	U04-220739	UX1593 X U98-311442	F5	SCN possible
23.	U04-701077	UP3YC2S3	S4	
24.	U04-701208	UP3YC2S3	S4	
25.	U04-905057	UP3YC2S3	S4	
26.	U04-914063	UP3YC2S3	S4	
27.	U04-918060	UP3YC2S3	S4	
28.	U04-921060	UP3YC2S3	S4	
29.	U04-928061	UP3YC2S3	S4	
30.	U04-934063	UP3YC2S3	S4	
31.	U04-943055	U97-2104 X HS98-3407	F5	
32.	U04-945061	UP3YC2S3	S4	
33.	U04-945062	UP3YC2S3	S4	

PRELIMINARY TEST IIB, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		FE
		Score	Score	Score	Lafayette		Laf.
		Humboldt IA	Harrow ONT	Manhattan KS	Race 4	Race 7	a rx.
IA2068 (II) (SCN)	WGBSYYI	4.1	1.0	1.0	S	S	S
IA1021	PLtBDYYI	4.0	1.0	1.0	S	S	S
IA3024	PGTDYIbI	4.0	1.0	1.0	R*	R*	S
LD05-16605	PLtTDYBII	3.5	1.0	1.0	x	x	S
HS5-3375	PG+LtTDYBII	4.9	1.0	1.0	R*	R*	S
HS5-3384	PT+GTDYBII	4.6	1.0	1.0	R*	R*	S
HS5-3387	PGTDYBII	4.5	1.0	1.0	R*	R*	S
HS5-3404	WLtTDYBII	4.8	1.0	1.0	R*	R*	S
HS5-3417	P+WLlTDYBII	4.5	1.0	1.0	R*	R*	S
SD04CV-263	PGTDYBfI	3.4	1.0	2.0	S	S	S
SD04CV-280	PGBDYDbfI	4.1	1.0	2.0	S	S	S
SD04CV-431	PGBDYIbI	3.9	1.0	3.0	S	S	S
SD04CV-460	WTBDYBII	3.6	1.0	3.0	S	S	S
SD04CV-470	WGBDYBfI	3.9	1.0	3.0	S	S	S
SD04CV-485	P+WTTDYBII	4.3	1.0	3.0	S	S	S
SD04CV-907	PGTDYIbI	3.7	1.0	2.0	R*	R*	S
SD04CV-941	WTBDYGrI	3.8	1.0	3.0	S	R*	S
SD04CV-997	PGBDYBfI	4.0	1.0	3.0	H*	R*	S
CS126	WGBIYBfI	4.3	1.0	1.0	S	S	S
U04-220345	WTTDYBII	3.3	1.0	1.0	R*	R*	S
U04-220639	PGBDYIbI	3.8	1.0	2.0	S	S	S
U04-220739	PTBDYBII	4.5	1.0	2.0	H*	S	S
U04-701077	PTTDYBII	4.3	1.0	1.0	R*	R*	S
U04-701208	PTTDYBII	3.6	1.0	2.0	R*	R*	S
U04-905057	P+WTTDYBII	4.3	1.0	2.0	S	S	S
U04-914063	W+PTTDYBrI	3.4	1.0	1.0	R*	R*	-
U04-918060	PTTDYBII	4.1	1.0	1.0	S	S	S
U04-921060	PTTDYBII	4.0	1.0	1.0	S	S	S
U04-928061	PTTDYLbrI	3.9	1.0	1.0	H*	H*	S
U04-934063	PTTDYBII	4.6	1.0	1.0	S	R*	S
U04-943055	WGBDYBfI	4.8	1.0	1.0	R*	R*	S
U04-945061	PTBIYBII	4.6	1.0	1.0	S	S	S
U04-945062	PTBIYBII	4.4	1.0	1.0	S	S	S

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

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

PRELIMINARY TEST IIB, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield 9 bu/a	Rank 9 No.	Maturity 8 Date	Lodging 10 Score	Plant Height 9 In.	Seed Size 11 g/100	Seed Quality 8 Score	Composition	
								Protein 7 %	Oil 7 %
IA2068 (II) (SCN)	58.2	15	9/15	1.4	30	14.0	2.3	33.8	18.0
IA1021	52.3	31	-4.3	1.6	30	17.0	2.4	35.7	17.6
IA3024	62.9	2	8.2	1.4	34	16.2	2.1	33.4	18.3
LD05-16605	56.8	21	5.9	1.4	27	14.1	2.1	34.4	17.3
HS5-3375	56.6	22	3.8	1.4	38	15.4	1.6	35.1	17.7
HS5-3384	57.7	18	5.1	1.4	36	15.1	2.0	35.0	17.7
HS5-3387	57.9	16	4.3	1.5	37	14.8	1.9	35.0	17.2
HS5-3404	60.2	5	4.9	1.4	33	15.8	2.1	35.2	17.6
HS5-3417	63.3	1	5.4	1.4	33	16.2	1.7	34.8	17.7
SD04CV-263	55.9	23	3.8	1.4	32	14.3	2.1	33.4	18.6
SD04CV-280	54.5	25	0.7	1.5	33	16.1	2.4	33.9	18.4
SD04CV-431	52.9	29	1.5	1.5	34	22.2	3.0	34.4	17.9
SD04CV-460	52.3	30	3.9	1.4	31	16.1	2.5	35.9	17.6
SD04CV-470	51.0	33	-1.5	1.3	28	14.6	2.4	35.4	18.6
SD04CV-485	57.8	17	1.1	1.3	29	16.1	2.4	34.7	18.8
SD04CV-907	51.1	32	-0.2	1.4	31	15.8	2.6	37.5	17.4
SD04CV-941	54.5	25	3.0	1.7	34	16.2	2.2	34.7	17.1
SD04CV-997	54.8	24	1.8	1.3	31	16.7	2.2	34.6	18.4
CS126	59.6	6	9.2	1.3	29	17.3	2.0	34.1	17.9
U04-220345	59.3	8	6.2	2.3	37	18.1	2.0	35.5	17.6
U04-220639	53.9	27	2.1	1.7	34	15.2	2.0	36.4	17.2
U04-220739	53.7	28	1.7	1.4	32	17.6	2.0	38.2	17.1
U04-701077	58.3	14	8.6	1.7	37	13.6	1.8	34.1	18.3
U04-701208	57.6	19	6.6	1.6	34	14.6	1.9	35.5	18.4
U04-905057	60.3	3	8.8	1.6	38	15.4	1.9	34.5	17.7
U04-914063	58.4	13	8.0	1.7	37	16.0	1.8	35.6	17.5
U04-918060	58.5	11	7.8	1.6	36	15.4	1.9	34.1	17.8
U04-921060	59.4	7	5.7	1.5	35	15.8	2.3	35.2	17.9
U04-928061	58.5	11	7.4	1.8	37	14.8	1.9	34.2	17.6
U04-934063	58.6	10	6.8	1.7	36	16.2	2.0	34.3	17.6
U04-943055	59.2	9	10.6	1.4	35	15.3	1.7	34.2	18.1
U04-945061	57.2	20	6.4	1.8	35	15.9	1.9	34.5	18.0
U04-945062	60.3	3	6.8	1.8	36	15.9	1.8	34.7	18.1

120.3 Days After Planting

PRELIMINARY TEST IIB, 2007

YIELD (bu/a)

Strain	Mean 9 Tests	Ames IA	Ripley* IA	Urbana IL	Lafayette IN	Ingham* County MI	Beermer NE
IA2068 (II) (SCN)	58.2	47.5	57.2	59.3	48.8	53.6	55.2
IA1021	52.3	42.4	49.0	57.3	43.8	23.7	52.3
IA3024	62.9	47.5	51.8	69.2	53.4	29.0	66.3
LD05-16605	56.8	40.1	54.2	62.8	46.1	38.5	61.0
HS5-3375	56.6	39.5	46.5	54.5	42.6	23.2	51.5
HS5-3384	57.7	38.2	55.9	54.5	47.7	32.9	55.7
HS5-3387	57.9	37.5	54.7	58.7	47.9	25.5	55.7
HS5-3404	60.2	41.2	52.9	62.2	44.7	31.3	60.8
HS5-3417	63.3	48.2	53.2	59.5	48.8	22.2	65.3
SD04CV-263	55.9	36.4	53.8	59.9	44.0	27.0	52.7
SD04CV-280	54.5	40.0	60.4	61.0	42.3	31.3	50.1
SD04CV-431	52.9	32.2	53.5	59.1	39.7	21.6	47.9
SD04CV-460	52.3	36.1	42.8	53.6	43.2	29.1	51.8
SD04CV-470	51.0	32.9	45.2	43.0	41.4	27.6	55.5
SD04CV-485	57.8	39.2	48.2	59.0	47.2	30.3	57.4
SD04CV-907	51.1	36.1	51.8	58.9	44.5	23.2	50.4
SD04CV-941	54.5	43.0	45.8	57.2	46.7	22.7	53.2
SD04CV-997	54.8	32.9	42.2	60.5	39.4	23.3	53.2
CS126	59.6	39.8	49.1	53.5	53.4	30.9	58.0
U04-220345	59.3	45.0	54.0	53.9	46.1	29.5	56.6
U04-220639	53.9	36.9	57.0	51.3	41.5	31.2	56.4
U04-220739	53.7	35.0	45.3	53.7	41.8	25.8	56.2
U04-701077	58.3	40.5	55.5	52.9	46.6	31.2	62.6
U04-701208	57.6	29.7	53.0	58.0	44.8	34.3	61.9
U04-905057	60.3	43.1	54.0	58.1	49.2	26.4	61.2
U04-914063	58.4	43.2	54.9	56.0	49.0	32.8	56.1
U04-918060	58.5	42.1	56.0	54.4	49.9	31.7	59.2
U04-921060	59.4	40.1	39.7	61.9	50.2	27.5	55.6
U04-928061	58.5	37.2	53.2	54.2	44.7	24.9	63.0
U04-934063	58.6	34.7	56.7	62.2	48.5	26.8	58.4
U04-943055	59.2	40.2	43.2	59.1	48.2	32.9	59.1
U04-945061	57.2	39.0	43.6	56.8	48.3	35.8	57.5
U04-945062	60.3	43.0	49.9	57.9	51.3	31.1	60.9
C.V. (%)		7.9	16.8	8.2	7.2	16.7	4.8
L.S.D. (5%)		6.3	17.4	7.9	6.7	8.3	6.7
Row Sp. (In.)		27	27	30	30	15	30
Rows/Plot		4	4	4	4	6	4
Reps		2	2	2	2	2	2

PRELIMINARY TEST IIB, 2007

YIELD (bu/a)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	64.7	63.6	64.5	68.6	51.8
IA1021	62.3	29.6	58.2	65.5	59.1
IA3024	70.9	62.6	77.5	74.4	43.9
LD05-16605	69.0	52.6	56.4	75.5	47.5
HS5-3375	63.3	60.2	78.6	72.8	46.7
HS5-3384	70.5	60.2	70.2	76.1	46.5
HS5-3387	63.4	65.1	77.5	70.5	45.1
HS5-3404	72.0	61.2	78.6	76.1	45.4
HS5-3417	73.8	72.7	78.4	78.2	45.1
SD04CV-263	69.7	53.7	69.2	69.7	48.2
SD04CV-280	61.2	55.9	65.5	67.8	46.5
SD04CV-431	62.2	45.1	66.5	76.0	47.1
SD04CV-460	62.9	41.7	63.6	71.1	46.7
SD04CV-470	72.7	46.1	54.5	63.6	49.3
SD04CV-485	69.3	62.6	63.1	72.5	49.6
SD04CV-907	56.3	47.3	66.5	54.6	45.6
SD04CV-941	49.5	47.0	75.8	71.3	46.6
SD04CV-997	63.9	59.5	67.1	66.5	50.3
CS126	65.0	58.3	79.4	78.0	50.6
U04-220345	72.2	65.7	76.5	73.7	44.1
U04-220639	57.8	60.1	70.0	70.0	40.9
U04-220739	61.8	52.0	68.3	68.8	45.8
U04-701077	76.1	60.4	68.9	74.3	42.1
U04-701208	69.1	63.3	80.5	69.4	42.1
U04-905057	75.8	58.6	78.7	69.2	48.4
U04-914063	72.9	61.9	71.6	72.2	42.5
U04-918060	71.1	61.5	75.0	71.7	41.7
U04-921060	74.8	61.8	77.9	68.0	44.3
U04-928061	73.9	63.7	76.4	75.9	37.9
U04-934063	69.9	63.2	73.7	69.1	47.7
U04-943055	73.6	62.9	77.5	73.9	37.9
U04-945061	69.8	53.9	75.6	73.1	41.3
U04-945062	69.4	62.7	77.5	75.4	44.4
C.V. (%)	7.1	10.5	5.2	3.6	7.0
L.S.D. (5%)	11.8	15.0	7.5	4.4	6.5
Row Sp. (In.)	30	30	7.5	18	30
Rows/Plot	4	4	8	5	4
Reps	2	2	2	2	2

PRELIMINARY TEST IIB, 2007

YIELD RANK

Strain	Yield Rank	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	15	2	2	10	8	1	24
IA1021	31	9	23	19	25	27	28
IA3024	2	2	19	1	1	18	1
LD05-16605	21	14	10	2	18	2	7
HS5-3375	22	18	25	23	27	29	30
HS5-3384	18	21	6	23	14	5	20
HS5-3387	16	22	9	15	13	25	20
HS5-3404	5	11	18	3	21	9	9
HS5-3417	1	1	15	9	8	32	2
SD04CV-263	23	25	13	8	24	21	27
SD04CV-280	25	16	1	6	28	10	32
SD04CV-431	29	32	14	11	32	33	33
SD04CV-460	30	26	31	29	26	17	29
SD04CV-470	33	30	28	33	31	19	23
SD04CV-485	17	19	24	13	15	15	15
SD04CV-907	32	26	19	14	23	30	31
SD04CV-941	25	7	26	20	16	31	25
SD04CV-997	24	30	32	7	33	28	25
CS126	6	17	22	30	1	14	13
U04-220345	8	4	11	27	18	16	16
U04-220639	27	24	3	32	30	11	17
U04-220739	28	28	27	28	29	24	18
U04-701077	14	12	7	31	17	12	4
U04-701208	19	33	17	17	20	4	5
U04-905057	3	6	11	16	5	23	6
U04-914063	13	5	8	22	7	7	19
U04-918060	11	10	5	25	5	8	10
U04-921060	7	14	33	5	4	20	22
U04-928061	11	23	15	26	21	26	3
U04-934063	10	29	4	3	10	22	12
U04-943055	9	13	30	11	12	6	11
U04-945061	20	20	29	21	11	3	14
U04-945062	3	7	21	18	3	13	8

PRELIMINARY TEST IIB, 2007

YIELD RANK

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	22	6	28	27	2
IA1021	27	34	31	31	1
IA3024	12	11	11	9	25
LD05-16605	20	27	32	7	10
HS5-3375	25	18	5	14	12
HS5-3384	13	18	19	4	15
HS5-3387	24	3	9	20	20
HS5-3404	10	16	4	3	19
HS5-3417	5	1	6	1	21
SD04CV-263	16	26	21	22	8
SD04CV-280	30	24	27	29	15
SD04CV-431	28	32	26	5	11
SD04CV-460	26	33	29	19	12
SD04CV-470	8	31	33	32	6
SD04CV-485	18	11	30	15	5
SD04CV-907	32	29	25	33	18
SD04CV-941	33	30	14	18	14
SD04CV-997	23	21	24	30	4
CS126	21	23	2	2	3
U04-220345	9	2	12	12	24
U04-220639	31	20	20	21	31
U04-220739	29	28	23	26	17
U04-701077	1	17	22	10	27
U04-701208	19	7	1	23	28
U04-905057	2	22	3	24	7
U04-914063	7	13	18	16	26
U04-918060	11	15	16	17	29
U04-921060	3	14	7	28	23
U04-928061	4	5	13	6	32
U04-934063	14	8	17	25	9
U04-943055	6	9	10	11	32
U04-945061	15	25	15	13	30
U04-945062	17	10	8	8	22

PRELIMINARY TEST IIB, 2007

MATURITY (date)

Strain	Mean 8 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	9/15	9/13		8/30	9/4	9/23	9/28
IA1021	-4.3	-9		-3	-3	0	-4
IA3024	8.2	6		8	12	9	5
LD05-16605	5.9	6		6	7	10	2
HS5-3375	3.8	3		2	4	3	3
HS5-3384	5.1	7		4	5	3	5
HS5-3387	4.3	3		4	4	4	4
HS5-3404	4.9	6		4	5	4	3
HS5-3417	5.4	5		6	4	5	4
SD04CV-263	3.8	4		6	4	3	-1
SD04CV-280	0.7	1		1	-1	3	-3
SD04CV-431	1.5	0		0	0	3	0
SD04CV-460	3.9	3		5	5	2	1
SD04CV-470	-1.5	-8		-2	-3	2	-3
SD04CV-485	1.1	2		2	3	1	-2
SD04CV-907	-0.2	2		1	-3	0	-4
SD04CV-941	3.0	5		2	0	5	0
SD04CV-997	1.8	1		2	-1	-1	-2
CS126	9.2	10		7	13	13	3
U04-220345	6.2	8		6	5	4	4
U04-220639	2.1	-1		3	2	3	1
U04-220739	1.7	2		1	0	4	-2
U04-701077	8.6	8		7	10	7	8
U04-701208	6.6	10		5	7	8	4
U04-905057	8.8	8		7	13	10	7
U04-914063	8.0	9		7	9	8	8
U04-918060	7.8	9		6	10	11	7
U04-921060	5.7	5		4	6	10	5
U04-928061	7.4	8		6	8	7	7
U04-934063	6.8	8		6	7	7	5
U04-943055	10.6	9		7	17	13	7
U04-945061	6.4	5		7	7	7	5
U04-945062	6.8	7		7	9	8	5
Date Planted	5/18	5/12	5/18	5/4	5/7	5/11	6/2
Days to Mature	120	124		118	120	135	118

PRELIMINARY TEST IIB, 2007

MATURITY (date)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)		9/22	9/9	9/25	
IA1021		-8	-2	-6	
IA3024		5	13	8	
LD05-16605		1	9	6	
HS5-3375		1	10	4	
HS5-3384		2	11	4	
HS5-3387		1	12	3	
HS5-3404		1	10	7	
HS5-3417		2	10	8	
SD04CV-263		1	10	4	
SD04CV-280		-4	5	4	
SD04CV-431		-1	8	2	
SD04CV-460		1	12	3	
SD04CV-470		-1	2	1	
SD04CV-485		-3	5	1	
SD04CV-907		-2	5	0	
SD04CV-941		0	8	4	
SD04CV-997		-1	11	6	
CS126		2	15	11	
U04-220345		4	12	7	
U04-220639		1	5	2	
U04-220739		0	5	4	
U04-701077		5	15	9	
U04-701208		2	11	6	
U04-905057		2	14	9	
U04-914063		4	11	8	
U04-918060		2	12	6	
U04-921060		1	10	5	
U04-928061		3	12	9	
U04-934063		2	12	8	
U04-943055		3	18	11	
U04-945061		3	13	4	
U04-945062		2	12	4	
Date Planted	6/5	5/22	5/9	5/28	5/19
Days to Mature		123	123	120	

PRELIMINARY TEST IIB, 2007

LODGING (score)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	1.4	1.5	2.5	2.0	1.0	1.0	1.0
IA1021	1.6	2.0	2.0	1.8	1.0	1.0	1.0
IA3024	1.4	1.8	1.8	2.0	1.0	1.0	1.0
LD05-16605	1.4	1.8	1.8	1.8	1.0	1.0	1.0
HS5-3375	1.4	1.8	2.3	2.0	1.0	1.0	1.0
HS5-3384	1.4	1.8	2.3	1.8	1.0	1.0	1.0
HS5-3387	1.5	2.0	2.3	2.3	1.0	1.0	1.0
HS5-3404	1.4	1.5	2.5	2.0	1.0	1.0	1.0
HS5-3417	1.4	1.8	1.8	2.0	1.0	1.0	1.0
SD04CV-263	1.4	1.8	1.8	1.8	1.0	1.0	1.0
SD04CV-280	1.5	1.8	2.8	2.5	1.0	1.0	1.0
SD04CV-431	1.5	1.5	2.5	2.5	1.0	1.0	1.0
SD04CV-460	1.4	2.0	2.0	2.0	1.0	1.0	1.0
SD04CV-470	1.3	1.5	1.3	1.8	1.0	1.0	1.0
SD04CV-485	1.3	1.5	1.5	1.8	1.0	1.0	1.0
SD04CV-907	1.4	2.0	2.0	2.0	1.0	1.0	1.0
SD04CV-941	1.7	1.8	2.0	2.5	1.3	1.0	1.0
SD04CV-997	1.3	1.5	1.5	2.0	1.0	1.0	1.0
CS126	1.3	1.5	1.8	1.3	1.0	1.0	1.0
U04-220345	2.3	2.3	3.3	3.8	2.0	1.0	1.0
U04-220639	1.7	1.8	2.5	2.3	1.0	1.0	1.0
U04-220739	1.4	1.8	1.3	2.0	1.0	1.0	1.0
U04-701077	1.7	1.8	2.5	2.8	1.3	1.0	1.0
U04-701208	1.6	1.8	2.5	3.0	1.0	1.0	1.0
U04-905057	1.6	2.0	1.8	2.8	1.0	1.0	1.0
U04-914063	1.7	2.0	2.5	2.3	1.0	1.0	1.0
U04-918060	1.6	1.8	2.5	2.8	1.0	1.0	1.0
U04-921060	1.5	2.0	1.8	2.3	1.0	1.0	1.0
U04-928061	1.8	2.0	3.0	2.8	1.0	1.0	1.0
U04-934063	1.7	2.3	2.8	2.5	1.0	1.0	1.0
U04-943055	1.4	1.5	1.5	2.0	1.0	1.0	1.0
U04-945061	1.8	2.0	2.0	3.3	1.3	1.0	1.0
U04-945062	1.8	2.0	1.5	3.8	1.3	1.0	1.0

PRELIMINARY TEST IIB, 2007

LODGING (score)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)		1.0	1.3	1.0	2.0
IA1021		2.5	1.3	1.0	2.0
IA3024		1.0	1.3	1.0	2.0
LD05-16605		1.5	1.3	1.0	2.0
HS5-3375		1.0	1.3	1.0	2.0
HS5-3384		1.0	1.3	1.0	2.0
HS5-3387		1.5	1.3	1.0	2.0
HS5-3404		1.0	1.3	1.0	2.0
HS5-3417		1.0	1.3	1.5	2.0
SD04CV-263		1.0	1.3	1.0	2.0
SD04CV-280		1.0	1.3	1.0	2.0
SD04CV-431		1.5	1.3	1.0	2.0
SD04CV-460		1.0	1.3	1.0	2.0
SD04CV-470		1.0	1.3	1.0	2.0
SD04CV-485		1.0	1.3	1.0	2.0
SD04CV-907		1.0	1.3	1.0	2.0
SD04CV-941		1.5	1.3	2.5	2.0
SD04CV-997		1.0	1.3	1.0	2.0
CS126		1.0	1.3	1.0	2.0
U04-220345		2.5	1.6	3.5	2.0
U04-220639		2.0	1.3	2.0	2.0
U04-220739		1.5	1.3	1.0	2.0
U04-701077		1.5	1.5	2.0	2.0
U04-701208		1.5	1.5	1.0	2.0
U04-905057		2.0	1.6	1.0	2.0
U04-914063		2.0	1.3	1.5	2.0
U04-918060		2.0	1.3	1.0	2.0
U04-921060		1.0	1.3	1.5	2.0
U04-928061		2.0	1.3	1.5	2.0
U04-934063		2.0	1.3	1.5	2.0
U04-943055		2.0	1.3	1.0	2.0
U04-945061		2.0	1.6	2.0	2.0
U04-945062		2.0	1.5	2.0	2.0

PRELIMINARY TEST IIB, 2007

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	30	31	32	33	30	29	
IA1021	30	28	32	35	30	27	
IA3024	34	33	38	37	33	29	
LD05-16605	27	26	32	32	26	25	
HS5-3375	38	39	42	42	38	29	
HS5-3384	36	37	41	42	39	30	
HS5-3387	37	37	41	42	38	32	
HS5-3404	33	32	36	38	35	26	
HS5-3417	33	31	30	37	36	29	
SD04CV-263	32	30	38	35	34	27	
SD04CV-280	33	31	41	37	34	30	
SD04CV-431	34	30	39	38	33	29	
SD04CV-460	31	30	32	36	35	28	
SD04CV-470	28	27	29	33	29	28	
SD04CV-485	29	26	27	33	29	24	
SD04CV-907	31	29	34	35	29	24	
SD04CV-941	34	32	33	36	35	30	
SD04CV-997	31	25	35	34	32	27	
CS126	29	23	32	29	30	25	
U04-220345	37	36	41	38	36	33	
U04-220639	34	35	35	38	33	29	
U04-220739	32	33	32	37	32	27	
U04-701077	37	35	45	44	37	33	
U04-701208	34	32	40	37	35	32	
U04-905057	38	37	36	41	38	31	
U04-914063	37	39	43	40	38	34	
U04-918060	36	34	44	41	36	30	
U04-921060	35	33	35	40	35	30	
U04-928061	37	36	45	39	38	32	
U04-934063	36	36	42	37	36	30	
U04-943055	35	32	35	40	37	30	
U04-945061	35	37	36	36	37	32	
U04-945062	36	35	32	40	38	29	

PRELIMINARY TEST IIB, 2007

PLANT HEIGHT (inches)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)		34	19	26	34
IA1021		32	28	27	33
IA3024		37	30	31	35
LD05-16605		28	19	26	30
HS5-3375		38	34	34	50
HS5-3384		36	28	32	39
HS5-3387		38	33	34	40
HS5-3404		32	30	30	35
HS5-3417		33	30	32	35
SD04CV-263		34	26	30	32
SD04CV-280		33	25	32	37
SD04CV-431		35	29	32	38
SD04CV-460		30	27	32	33
SD04CV-470		29	21	26	32
SD04CV-485		33	28	30	33
SD04CV-907		38	27	30	34
SD04CV-941		39	27	33	37
SD04CV-997		34	26	29	37
CS126		32	30	29	35
U04-220345		36	32	37	45
U04-220639		36	26	33	39
U04-220739		34	29	30	37
U04-701077		37	32	35	38
U04-701208		37	30	31	35
U04-905057		38	39	36	43
U04-914063		36	29	34	41
U04-918060		37	29	33	38
U04-921060		36	32	32	39
U04-928061		32	34	36	40
U04-934063		36	32	33	40
U04-943055		37	31	32	40
U04-945061		33	33	34	41
U04-945062		37	33	34	45

PRELIMINARY TEST IIB, 2007

SEED SIZE (g/100)

Strain	Mean 11 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	14.0	12.0	13.2	14.9	13.2	16.0	13.3
IA1021	17.0	14.1	16.6	16.9	16.2	19.2	16.1
IA3024	16.2	14.7	15.6	16.3	16.3	17.6	16.2
LD05-16605	14.1	12.2	13.8	14.0	13.7	15.7	13.4
HS5-3375	15.4	14.2	14.4	14.3	14.5	17.1	15.2
HS5-3384	15.1	13.7	15.1	13.8	14.7	17.3	14.1
HS5-3387	14.8	13.4	15.2	13.5	13.6	17.5	15.4
HS5-3404	15.8	14.4	15.2	16.0	15.4	19.1	14.5
HS5-3417	16.2	13.9	14.5	16.4	15.2	18.3	16.6
SD04CV-263	14.3	11.9	14.2	14.2	13.9	15.7	14.1
SD04CV-280	16.1	13.6	16.2	15.3	14.8	17.5	15.6
SD04CV-431	22.2	15.3	58.4	19.5	18.7	21.1	16.7
SD04CV-460	16.1	14.1	12.0	16.4	15.0	19.0	15.6
SD04CV-470	14.6	12.1	14.1	14.1	12.8	16.5	14.4
SD04CV-485	16.1	13.2	14.3	16.8	16.0	18.8	14.7
SD04CV-907	15.8	12.9	16.2	16.7	14.6	17.6	15.1
SD04CV-941	16.2	14.0	14.9	16.5	15.5	18.8	15.9
SD04CV-997	16.7	14.0	13.9	17.8	15.7	16.8	17.2
CS126	17.3	13.8	15.7	17.9	18.2	20.8	16.0
U04-220345	18.1	14.9	18.1	16.3	17.8	21.1	17.8
U04-220639	15.2	12.4	14.9	13.6	14.0	17.4	15.0
U04-220739	17.6	13.8	17.3	16.0	16.7	19.1	18.5
U04-701077	13.6	12.4	13.0	11.8	12.3	16.2	13.2
U04-701208	14.6	12.6	14.7	13.9	13.9	16.2	15.0
U04-905057	15.4	13.6	14.6	15.8	15.8	16.4	15.2
U04-914063	16.0	14.2	15.8	15.7	16.0	17.7	16.2
U04-918060	15.4	13.4	15.4	15.0	15.4	16.6	15.6
U04-921060	15.8	13.9	14.9	16.2	15.9	17.4	15.7
U04-928061	14.8	13.0	14.9	12.7	14.5	17.4	14.9
U04-934063	16.2	14.1	16.4	16.8	16.4	17.6	16.3
U04-943055	15.3	13.5	14.7	14.4	16.0	17.6	16.2
U04-945061	15.9	13.0	15.0	15.7	16.3	18.1	15.4
U04-945062	15.9	13.7	14.0	16.3	16.4	18.1	15.6

PRELIMINARY TEST IIB, 2007

SEED SIZE (g/100)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	14.7	14.0	13.3	16.9	12.3
IA1021	18.6	16.0	16.0	19.6	17.3
IA3024	18.0	15.3	14.8	19.7	14.0
LD05-16605	15.4	13.2	13.2	17.8	12.8
HS5-3375	16.1	14.8	15.9	19.2	14.1
HS5-3384	15.9	14.8	14.4	19.0	13.1
HS5-3387	15.1	14.0	14.3	18.1	12.5
HS5-3404	16.1	15.6	15.3	18.9	13.6
HS5-3417	16.9	16.2	16.4	19.7	13.7
SD04CV-263	15.8	13.9	13.7	17.0	12.7
SD04CV-280	17.2	16.1	15.7	19.2	15.7
SD04CV-431	20.3	15.0	18.1	23.0	18.2
SD04CV-460	17.6	14.9	15.6	21.4	15.4
SD04CV-470	16.1	14.3	13.0	18.3	15.1
SD04CV-485	16.7	16.0	15.0	20.0	16.1
SD04CV-907	16.7	15.1	14.7	18.8	15.5
SD04CV-941	15.8	14.7	15.4	20.8	16.4
SD04CV-997	18.0	16.8	16.4	20.5	16.5
CS126	19.3	15.1	17.3	21.7	14.0
U04-220345	19.9	17.9	16.6	22.6	16.4
U04-220639	17.0	15.1	13.7	18.9	15.3
U04-220739	19.4	15.5	16.8	22.3	17.9
U04-701077	14.4	14.6	13.1	17.2	11.6
U04-701208	14.9	14.0	14.0	19.1	12.5
U04-905057	16.5	15.0	14.6	18.6	12.9
U04-914063	17.7	15.2	14.4	20.0	13.0
U04-918060	16.4	15.0	14.8	18.9	12.8
U04-921060	16.7	14.0	15.5	19.7	14.0
U04-928061	16.2	14.9	14.1	18.5	11.6
U04-934063	16.1	15.0	15.3	20.0	14.0
U04-943055	15.9	14.7	14.1	19.3	11.9
U04-945061	16.5	16.0	15.4	20.0	13.6
U04-945062	16.8	14.7	15.6	20.6	13.2

PRELIMINARY TEST IIB, 2007

SEED QUALITY (score)

Strain	Mean 8 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	2.3			2.0	2.0		3.0
IA1021	2.4			2.0	2.5		3.0
IA3024	2.1			2.0	1.5		3.0
LD05-16605	2.1			2.0	2.0		2.0
HS5-3375	1.6			1.0	1.0		2.0
HS5-3384	2.0			1.0	1.5		3.0
HS5-3387	1.9			1.0	1.5		3.0
HS5-3404	2.1			2.0	1.5		2.0
HS5-3417	1.7			2.0	1.0		2.0
SD04CV-263	2.1			2.0	1.5		3.0
SD04CV-280	2.4			2.0	2.0		2.0
SD04CV-431	3.0			3.0	3.0		3.0
SD04CV-460	2.5			3.0	3.0		2.0
SD04CV-470	2.4			2.0	2.0		3.0
SD04CV-485	2.4			3.0	3.0		3.0
SD04CV-907	2.6			2.0	2.0		4.0
SD04CV-941	2.2			2.0	2.0		2.0
SD04CV-997	2.2			2.0	2.0		3.0
CS126	2.0			2.0	1.5		3.0
U04-220345	2.0			3.0	1.5		2.0
U04-220639	2.0			2.0	1.5		2.0
U04-220739	2.0			2.0	2.0		2.0
U04-701077	1.8			2.0	1.0		2.0
U04-701208	1.9			2.0	2.0		2.0
U04-905057	1.9			2.0	1.5		2.0
U04-914063	1.8			2.0	1.0		2.0
U04-918060	1.9			2.0	1.5		3.0
U04-921060	2.3			2.0	1.5		3.0
U04-928061	1.9			2.0	1.5		3.0
U04-934063	2.0			3.0	2.0		2.0
U04-943055	1.7			1.0	1.5		3.0
U04-945061	1.9			2.0	1.5		2.0
U04-945062	1.8			2.0	1.5		2.0

PRELIMINARY TEST IIB, 2007

SEED QUALITY (score)

Strain	Cotesfield NE	Mead NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	2.0	3.0	2.0	2.3	2.0
IA1021	3.0	3.0	2.0	2.0	2.0
IA3024	2.0	2.0	2.5	1.5	2.0
LD05-16605	2.0	2.0	3.0	1.5	2.0
HS5-3375	2.0	2.0	1.5	1.5	2.0
HS5-3384	2.0	3.0	2.0	1.5	2.0
HS5-3387	2.0	2.0	1.5	2.0	2.0
HS5-3404	3.0	2.0	2.0	1.3	3.0
HS5-3417	2.0	2.0	1.5	1.3	2.0
SD04CV-263	3.0	2.0	2.0	1.5	2.0
SD04CV-280	3.0	3.0	3.0	2.0	2.0
SD04CV-431	3.0	4.0	4.0	2.3	2.0
SD04CV-460	3.0	3.0	2.0	1.8	2.0
SD04CV-470	3.0	3.0	2.0	1.8	2.0
SD04CV-485	3.0	2.0	2.0	1.5	2.0
SD04CV-907	3.0	3.0	3.0	2.0	2.0
SD04CV-941	3.0	2.0	2.0	2.5	2.0
SD04CV-997	2.0	2.0	2.0	2.3	2.0
CS126	2.0	2.0	2.0	1.8	2.0
U04-220345	2.0	2.0	2.0	1.5	2.0
U04-220639	2.0	2.0	2.5	1.8	2.0
U04-220739	3.0	2.0	1.5	1.5	2.0
U04-701077	2.0	2.0	1.5	1.5	2.0
U04-701208	2.0	2.0	1.5	1.3	2.0
U04-905057	2.0	2.0	2.0	1.8	2.0
U04-914063	2.0	2.0	1.5	1.5	2.0
U04-918060	2.0	2.0	1.5	1.5	2.0
U04-921060	2.0	3.0	3.0	1.8	2.0
U04-928061	2.0	2.0	1.5	1.5	2.0
U04-934063	2.0	2.0	1.5	1.8	2.0
U04-943055	1.0	2.0	2.0	1.0	2.0
U04-945061	2.0	2.0	2.0	1.3	2.0
U04-945062	2.0	2.0	1.5	1.3	2.0

PRELIMINARY TEST IIB, 2007

PROTEIN (%)

Strain	Mean 7 Tests	Ripley IA	Urbana IL	Lafayette IN	Ingham County MI	Cotesfield NE	Harrow ONT	Aurora SD
IA2068 (II) (SCN)	33.8	33.8	34.5	33.7	35.6	34.0	35.1	30.1
IA1021	35.7	37.0	35.2	35.8	36.9	35.6	35.5	34.0
IA3024	33.4	32.7	32.7	33.0	34.9	34.7	35.1	30.9
LD05-16605	34.4	33.7	34.5	33.1	36.9	34.3	34.8	33.6
HS5-3375	35.1	34.4	35.3	34.5	36.8	35.7	35.4	33.7
HS5-3384	35.0	34.9	36.5	33.4	37.0	35.4	35.1	32.8
HS5-3387	35.0	35.7	36.1	33.4	36.0	34.7	35.6	33.2
HS5-3404	35.2	35.7	35.9	34.6	36.6	34.2	35.8	33.5
HS5-3417	34.8	35.8	34.8	33.9	35.6	34.6	35.6	33.6
SD04CV-263	33.4	33.5	32.9	32.3	34.8	33.9	34.5	32.0
SD04CV-280	33.9	34.4	33.5	34.1	34.8	34.1	34.7	31.6
SD04CV-431	34.4	34.3	35.0	34.2	35.0	34.3	35.8	32.6
SD04CV-460	35.9	37.0	36.2	36.1	36.7	35.9	36.5	33.2
SD04CV-470	35.4	36.5	35.0	36.0	36.0	35.6	35.3	33.3
SD04CV-485	34.7	35.9	34.0	34.0	36.2	34.9	35.3	32.8
SD04CV-907	37.5	37.8	38.3	35.9	39.3	37.3	37.7	36.0
SD04CV-941	34.7	36.0	34.9	34.0	35.8	34.1	35.4	32.8
SD04CV-997	34.6	35.0	34.5	33.8	35.8	35.1	35.6	32.7
CS126	34.1	34.2	33.8	33.0	36.6	34.0	35.1	31.8
U04-220345	35.5	35.5	35.9	34.0	37.2	34.6	36.1	35.1
U04-220639	36.4	37.3	36.0	35.2	38.0	36.2	37.1	35.2
U04-220739	38.2	39.6	38.8	37.9	37.7	37.8	38.7	36.5
U04-701077	34.1	33.4	32.8	33.4	36.4	34.4	34.9	33.4
U04-701208	35.5	36.4	35.3	34.5	35.7	36.9	35.7	33.9
U04-905057	34.5	35.4	34.1	33.9	36.1	33.7	35.5	32.8
U04-914063	35.6	36.6	36.4	34.7	36.6	34.7	36.5	34.1
U04-918060	34.1	33.7	34.6	33.1	36.0	34.2	35.1	31.8
U04-921060	35.2	36.0	34.6	33.8	36.6	34.9	35.7	34.5
U04-928061	34.2	34.6	33.1	32.7	36.5	35.2	35.0	32.3
U04-934063	34.3	34.2	33.2	33.4	36.4	33.9	35.2	33.8
U04-943055	34.2	35.1	32.9	32.5	37.3	33.8	35.2	32.5
U04-945061	34.5	35.9	34.3	32.9	36.2	33.7	35.4	33.1
U04-945062	34.7	35.5	34.5	33.7	36.2	33.9	35.1	34.0

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

PRELIMINARY TEST IIB, 2007

OIL (%)

Strain	Mean 7 Tests	Ripley IA	Urbana IL	Lafayette IN	Ingham County MI	Cotesfield NE	Harrow ONT	Aurora SD
IA2068 (II) (SCN)	18.0	18.6	17.5	19.1	17.1	17.5	18.6	17.6
IA1021	17.6	17.7	17.2	18.6	16.7	17.1	19.0	17.3
IA3024	18.3	19.2	18.0	20.0	17.3	17.4	18.4	17.9
LD05-16605	17.3	18.0	15.6	18.4	16.5	17.3	18.6	16.4
HS5-3375	17.7	18.6	16.5	18.8	17.1	17.5	18.6	16.9
HS5-3384	17.7	18.8	16.1	19.8	16.1	17.5	18.7	16.8
HS5-3387	17.2	17.9	16.2	18.5	16.4	17.0	18.4	16.2
HS5-3404	17.6	18.3	16.5	19.3	16.5	17.5	18.2	16.9
HS5-3417	17.7	17.8	18.2	19.8	17.1	17.0	18.4	15.9
SD04CV-263	18.6	18.8	18.8	20.3	17.9	17.6	19.1	18.0
SD04CV-280	18.4	18.9	17.9	18.5	17.7	18.0	19.4	18.5
SD04CV-431	17.9	18.6	17.3	18.8	17.4	17.5	18.7	17.0
SD04CV-460	17.6	17.6	16.8	17.8	17.1	17.6	18.4	17.8
SD04CV-470	18.6	19.0	18.2	19.1	17.9	17.9	19.6	18.5
SD04CV-485	18.8	18.4	19.2	20.2	18.2	18.0	19.2	18.1
SD04CV-907	17.4	17.3	16.7	18.9	16.2	17.8	17.9	17.0
SD04CV-941	17.1	17.6	16.2	18.1	16.2	17.1	17.9	16.5
SD04CV-997	18.4	19.9	17.5	19.4	17.3	17.6	18.9	18.4
CS126	17.9	18.4	17.2	19.8	16.0	17.6	18.8	17.3
U04-220345	17.6	18.3	17.2	19.3	16.1	17.5	18.4	16.2
U04-220639	17.2	17.7	17.4	18.7	15.7	17.1	17.4	16.3
U04-220739	17.1	17.8	16.1	18.5	16.1	17.0	17.5	17.0
U04-701077	18.3	18.8	18.7	20.2	16.6	18.0	19.1	16.9
U04-701208	18.4	18.5	17.1	20.0	17.7	19.1	19.1	17.2
U04-905057	17.7	18.0	17.8	19.0	16.4	17.6	18.2	16.7
U04-914063	17.5	17.6	17.2	17.8	16.6	17.7	18.7	16.7
U04-918060	17.8	18.2	17.2	19.8	16.3	17.3	18.6	17.1
U04-921060	17.9	18.5	18.2	19.4	16.5	17.4	18.7	16.7
U04-928061	17.6	17.6	17.3	19.3	16.2	17.4	18.9	16.2
U04-934063	17.6	18.1	17.6	19.9	15.9	17.3	18.4	16.2
U04-943055	18.1	17.9	18.3	20.5	16.2	18.4	19.1	16.7
U04-945061	18.0	18.5	17.7	20.5	16.3	17.5	18.8	17.1
U04-945062	18.1	18.3	17.9	19.7	17.0	17.8	19.1	16.7

Uniform Test III, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	6	F5	
2.	IA3024	A97-553017 x Pioneer YB33A99	PTIIIA		1% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	2	F5	SCN
4.	Macon (L)	Sherman x Resnik	13	F5	
5.	A05-312025	Dairyland 99433 x A01-409003	PTIIIA	F4	
6.	A05-312029	A01-611037 x Thompson T-3221	PTIIA	F4	
7.	AR05-350081	Macon x AGP02-1	06 SCN III	F4	SDS/IDC
8.	AR05-350083	Macon x AGP02-1	06 SCN III	F4	SDS
9.	HS3-2840	U97-3114 x HS98-3628	1	F5	
10.	LD01-5907	Ina x IA3010	1	F5	SCN
11.	LD02-5124W	reselect from LD02-5124 (IA3014 x Loda)	06 SCN III	F8	
12.	LD02-6538	IA3014 x IA3010	06 SCN III	F5	
13.	LD02-6553	IA3014 x IA3010	06 SCN III	F5	
14.	LD02-7236W	reselect from LD02-7236 (Macon x LS93-0375)	06 SCN III	F8	
15.	LS01-1987	"? (suspect LS93-0375) x IA3005"	2	F6	SCN
16.	SS01-3769	SN94-4337 x na	1	F5	SCN,Phy R
17.	U03-360120	U99-009019 x UP1Fe(S1)C7-150	PTIIIB	F5	
18.	U03-400435	P92B12 x U97-207904	PTIIIB	F5	SCN?

UNIFORM TEST III, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Chlorosis</u> Score			<u>Shattering</u> Score
		Humboldt IA	Granite Falls MN	Wilkin County MN	Manhattan KS
IA3023 (III)	WLtTDYBII	4.0	4.5	3.8	1.0
IA3024	PTBDYBII	4.1	4.8	3.5	1.0
U98-311442 (SCN)	PGTDYIbI	3.9	4.3	4.0	1.0
Macon (L)	WTBDYBII	4.3	4.8	3.5	1.0
A05-312025	PLtBDYYI	3.8	4.5	2.5	1.0
A05-312029	WGBDYYI	2.9	4.0	2.5	1.0
AR05-350081	WT+LtB+TDYBII	4.8	4.5	2.8	2.0
AR05-350083	PLtTDYBII	4.9	4.5	2.8	1.0
HS3-2840	PGTDYIbI	4.8	4.5	3.0	1.0
LD01-5907	PGTDYLbfi	3.6	4.5	3.5	1.0
LD02-5124W	WTBDYBII	3.4	4.8	2.8	1.0
LD02-6538	WTTDYBII	4.1	4.5	3.5	1.0
LD02-6553	PTTDYBII	3.3	4.5	3.0	1.0
LD02-7236W	WTTDYBII	3.8	4.8	3.5	1.0
LS01-1987	PLtBDYBII	4.1	4.8	3.5	1.0
SS01-3769	WTTIYYI	3.5	4.3	2.8	1.0
U03-360120	PLtBDYBII	4.4	4.5	3.8	1.0
U03-400435	PT+LtBDYBII	3.9	4.5	3.5	1.0

UNIFORM TEST III, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	<u>Green Stem</u>	<u>PR</u>		<u>FE</u>	<u>SDS</u>	
	Score	Lafayette		Laf.	DX	DX
	Lafayette IN	Race 4	Race 7	a rx.	Carbondale IL	Carmi IL
IA3023 (III)	1.0	S	S	S	6	3
IA3024	2.0	R*	R*	S	17	7
U98-311442 (SCN)	2.0	S	S	S	13	5
Macon (L)	1.0	S	S	S	9	0
A05-312025	1.0	S	S	S	9	1
A05-312029	1.0	S	S	S	21	7
AR05-350081	1.0	S	S	S	28	3
AR05-350083	1.0	S	S	S	13	1
HS3-2840	1.0	R*	R*	-	9	0
LD01-5907	1.0	S	S	S	6	0
LD02-5124W	1.0	S	S	S	2	1
LD02-6538	1.0	S	S	S	12	0
LD02-6553	1.0	H*	S	S	13	1
LD02-7236W	1.0	S	S	S	4	0
LS01-1987	1.0	S	S	S	19	1
SS01-3769	1.0	S	S	S	11	1
U03-360120	1.0	S	S	S	33	14
U03-400435	1.0	S	S	-	19	8

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

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

UNIFORM TEST III, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	15 bu/a	15 No.	15 Date	14 Score	14 In.	16 g/100	14 Score	Protein 10 %	Oil 10 %
IA3023 (III)	60.2	1	9/21	1.4	32	15.1	1.8	33.4	18.5
IA3024	55.8	12	-3.1	1.5	32	15.3	2.3	33.2	19.3
U98-311442 (SCN)	56.6	7	3.5	1.8	33	13.8	2.0	35.2	17.6
Macon (L)	55.6	13	1.5	1.7	34	15.9	2.1	35.0	17.8
A05-312025	57.6	5	1.6	2.2	36	15.6	2.4	35.1	17.2
A05-312029	54.7	16	-3.2	2.4	34	14.9	2.2	33.4	18.5
AR05-350081	57.2	6	1.3	1.7	33	16.6	2.4	35.4	17.4
AR05-350083	56.1	10	-0.3	1.5	34	15.7	2.2	34.8	18.1
HS3-2840	56.0	11	2.8	2.3	37	16.4	2.4	36.0	18.2
LD01-5907	59.5	2	1.8	1.7	34	13.0	2.0	32.7	18.5
LD02-5124W	58.2	3	-1.0	2.0	37	15.6	1.9	34.0	18.5
LD02-6538	54.4	17	-2.9	1.4	33	14.6	2.0	33.1	18.8
LD02-6553	54.1	18	2.6	2.2	35	14.4	2.1	34.8	17.5
LD02-7236W	56.2	9	1.7	1.8	34	14.5	1.8	35.2	18.2
LS01-1987	55.6	13	1.8	1.6	35	14.0	2.0	34.5	17.0
SS01-3769	57.8	4	4.8	1.8	37	14.5	2.0	35.1	17.2
U03-360120	54.9	15	-5.0	1.5	32	12.8	1.9	34.2	19.0
U03-400435	56.3	8	-2.7	1.5	34	14.5	1.9	33.3	18.8

124.3 Days After Planting

UNIFORM TEST III, 2007

200-2007 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	29 Score	29 In.	32 g/100	27 Score	Protein 18 %	Oil 18 %
IA3023 (III)	61.5	1	9/22	1.5	33	15.2	1.8	33.4	18.0
U98-311442 (SCN)	58.2	5	3.3	1.8	34	14.3	2.0	35.7	16.8
Macon (L)	56.6	6	2.1	1.8	35	16.2	1.9	35.2	17.0
HS3-2840	58.3	4	3.0	2.3	37	16.8	2.2	36.0	17.6
LD01- 5907	59.7	2	3.1	1.8	34	13.3	1.9	32.7	18.0
LS01-1987	52.4	7	2.5	1.7	34	14.4	2.0	34.7	16.4
SS01-3769	59.5	3	5.1	1.8	38	14.7	2.0	35.3	16.7

127.7 Days After Planting

2005-2007 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	50 bu/a	50 No.	48 Date	46 Score	46 In.	50 g/100	40 Score	Protein 27 %	Oil 27 %
IA3023 (III)	61.6	1	9/21	1.5	33	15.1	1.9	33.7	17.9
U98-311442 (SCN)	58.1	2	3.2	1.7	33	14.1	2.0	35.8	17.0
Macon (L)	56.9	3	2.5	1.7	35	16.1	1.9	35.4	17.3
LS01-1987	54.7	4	2.1	1.6	33	14.5	2.1	34.9	16.5

130.6 Days After Planting

UNIFORM TEST III, 2007

YIELD (bu/a)

Strain	Mean	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
	15 Tests								
IA3023 (III)	60.2	44.4	70.5	56.2	59.8	51.9	63.6	58.3	42.0
IA3024	55.8	41.3	70.7	53.6	54.0	53.6	62.2	50.9	38.6
U98-311442 (SCN)	56.6	35.8	59.2	57.1	55.3	58.6	65.8	51.5	36.8
Macon (L)	55.6	33.7	63.0	45.7	53.8	55.9	67.2	52.7	41.7
A05-312025	57.6	40.1	62.3	54.3	55.4	53.5	67.8	57.3	44.2
A05-312029	54.7	40.1	64.3	54.4	56.3	52.5	60.1	56.7	40.8
AR05-350081	57.2	42.9	58.5	46.0	56.4	53.9	68.9	58.0	38.8
AR05-350083	56.1	37.5	62.6	49.0	56.4	51.4	60.8	49.6	38.3
HS3-2840	56.0	36.4	57.6	58.0	52.0	51.9	55.4	58.4	40.6
LD01-5907	59.5	38.3	62.8	52.6	57.1	50.6	66.3	62.8	45.3
LD02-5124W	58.2	42.2	61.5	53.5	60.3	55.3	70.4	55.2	37.9
LD02-6538	54.4	27.2	56.7	52.5	54.2	53.6	65.9	49.7	38.3
LD02-6553	54.1	41.7	52.8	46.1	51.2	53.9	64.4	56.3	39.4
LD02-7236W	56.2	42.1	57.9	50.7	57.3	54.7	68.9	52.1	43.9
LS01-1987	55.6	33.1	61.6	52.2	57.6	57.0	69.2	51.7	37.5
SS01-3769	57.8	43.0	65.0	57.0	59.4	56.8	64.8	55.7	36.9
U03-360120	54.9	37.5	67.8	45.4	45.2	41.1	61.7	60.8	36.3
U03-400435	56.3	43.0	61.9	57.5	48.6	50.0	65.6	56.5	38.9
C.V. (%)		8.5	7.5	9.4	7.6	7.8	7.0	8.6	5.7
L.S.D. (5%)		6.9	9.7	4.6	5.8	6.8	7.6	7.8	3.1
Row Sp. (in.)		27	27	30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4	4	4
Reps		2	2	3	3	3	3	3	3

UNIFORM TEST III, 2007

YIELD (bu/a)

Strain	Queenstown*	Columbia	Portageville	DeWitt	North	Stevens	Hoytville	South
	MD	MO	(Loam) MO	NE	Bend NE	Creek NE	OH	Charleston OH
IA3023 (III)	22.2	46.8	58.2	74.7	62.6	73.3	72.0	68.4
IA3024	16.7	47.7	51.8	69.1	52.2	59.9	67.2	64.5
U98-311442 (SCN)	34.8	47.3	64.0	64.3	56.8	64.4	65.5	66.3
Macon (L)	19.7	44.6	55.6	67.3	53.7	62.5	72.1	65.1
A05-312025	26.4	47.3	55.2	71.0	56.0	67.3	72.1	60.1
A05-312029	17.8	41.9	57.5	68.9	37.0	65.6	67.8	57.2
AR05-350081	22.7	46.0	56.4	74.0	55.3	69.8	72.4	61.5
AR05-350083	18.4	42.1	56.0	71.4	56.8	71.3	69.7	68.1
HS3-2840	20.6	53.7	54.8	67.7	53.6	66.6	74.9	58.5
LD01-5907	31.2	49.9	61.6	69.3	67.9	69.5	80.1	58.9
LD02-5124W	29.4	43.4	62.0	70.5	59.2	67.9	73.4	59.8
LD02-6538	26.2	44.9	60.1	68.1	56.2	65.6	70.2	52.2
LD02-6553	31.6	45.6	57.8	62.8	52.8	63.9	69.8	53.6
LD02-7236W	28.5	40.2	59.9	69.8	57.1	63.1	66.8	59.0
LS01-1987	30.5	38.8	58.3	66.1	50.4	68.6	66.7	65.5
SS01-3769	29.7	43.9	59.3	63.6	59.6	69.1	69.2	63.3
U03-360120	17.5	37.7	52.1	79.4	59.9	70.3	71.3	56.4
U03-400435	22.9	41.0	49.7	72.0	55.1	66.2	74.0	64.3
C.V. (%)	21.9	6.8	9.1	5.8	11.2	5.1	4.6	15.8
L.S.D. (5%)	9.0	4.6	8.7	10.1	15.3	8.9	3.9	16.3
Row Sp. (in.)	30	30	30	30	30	7.5	7.5	15
Rows/Plot	4	2	4	4	4	8	8	6
Reps	3	3	2	2	2	3	3	3

UNIFORM TEST III, 2007

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
IA3023 (III)	1	1	2	5	2	13	13	4	4
IA3024	12	8	1	8	13	9	14	16	11
U98-311442 (SCN)	7	15	13	3	11	1	9	15	17
Macon (L)	13	16	6	17	14	4	6	12	5
A05-312025	5	9	9	7	10	11	5	6	2
A05-312029	16	9	5	6	9	12	17	7	6
AR05-350081	6	4	14	16	7	7	3	5	10
AR05-350083	10	12	8	14	7	15	16	18	12
HS3-2840	11	14	16	1	15	13	18	3	7
LD01-5907	2	11	7	10	6	16	7	1	1
LD02-5124W	3	5	12	9	1	5	1	11	14
LD02-6538	17	18	17	11	12	9	8	17	12
LD02-6553	18	7	18	15	16	7	12	9	8
LD02-7236W	9	6	15	13	5	6	3	13	3
LS01-1987	13	17	11	12	4	2	2	14	15
SS01-3769	4	2	4	4	3	3	11	10	16
U03-360120	15	12	3	18	18	18	15	2	18
U03-400435	8	2	10	2	17	17	10	8	9

UNIFORM TEST III, 2007

YIELD RANK

Strain	Queenstown	Columbia	Portageville	DeWitt	North	Stevens	Hoytville	South
	MD	MO	(Loam) MO	NE	Bend NE	Creek NE	OH	Charleston OH
IA3023 (III)	12	6	8	2	2	1	8	1
IA3024	18	3	17	10	16	18	15	6
U98-311442 (SCN)	1	4	1	16	7	14	18	3
Macon (L)	14	10	13	14	13	17	7	5
A05-312025	8	4	14	6	10	9	6	10
A05-312029	16	14	10	11	18	12	14	15
AR05-350081	11	7	11	3	11	4	5	9
AR05-350083	15	13	12	5	7	2	12	2
HS3-2840	13	1	15	13	14	10	2	14
LD01-5907	3	2	3	9	1	5	1	13
LD02-5124W	6	12	2	7	5	8	4	11
LD02-6538	9	9	4	12	9	12	10	18
LD02-6553	2	8	9	18	15	15	11	17
LD02-7236W	7	16	5	8	6	16	16	12
LS01-1987	4	17	7	15	17	7	17	4
SS01-3769	5	11	6	17	4	6	13	8
U03-360120	17	18	16	1	3	3	9	16
U03-400435	10	15	18	4	12	11	3	7

UNIFORM TEST III, 2007

MATURITY (date)

Strain	Mean	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
	15 Tests								
IA3023 (III)	9/21	9/24	9/29	9/11	9/8	9/18	9/22	10/3	10/9
IA3024	-3.1	-9	-5	-1	-2	-3	-4	-6	-2
U98-311442 (SCN)	3.5	2	0	7	5	8	9	-0	1
Macon (L)	1.5	-1	-1	1	2	4	4	-1	4
A05-312025	1.6	2	1	2	1	3	4	1	4
A05-312029	-3.2	-4	-8	-1	-3	-4	-1	-6	-1
AR05-350081	1.3	0	-1	2	2	4	4	2	2
AR05-350083	-0.3	-1	-2	2	1	0	2	1	-1
HS3-2840	2.8	2	3	6	5	5	2	-4	7
LD01-5907	1.8	4	-2	2	3	5	4	-1	2
LD02-5124W	-1.0	1	-3	0	-1	-1	2	-7	-0
LD02-6538	-2.9	-2	-6	-1	-2	-4	-1	-4	-3
LD02-6553	2.6	3	-2	4	5	5	4	-2	0
LD02-7236W	1.7	1	-3	4	4	1	4	-1	1
LS01-1987	1.8	1	1	2	4	4	6	-2	-1
SS01-3769	4.8	4	3	7	9	8	8	-4	5
U03-360120	-5.0	-7	-7	-1	-5	-10	-5	-3	-4
U03-400435	-2.7	-4	-4	0	-2	-4	-2	-5	-2
Date Planted	5/19	5/12	5/18	5/21	5/7	5/7	5/10	6/4	6/22
Days to Mature	124	135	134	113	124	134	135	121	109

UNIFORM TEST III, 2007

MATURITY (date)

Strain	Queenstown	Columbia	Portageville	DeWitt	North	Stevens	Hoytville	South
	MD	MO	(Loam) MO	NE	Bend NE	Creek NE	OH	Charleston OH
IA3023 (III)	9/24	9/1	8/23		10/5	10/5	9/25	9/23
IA3024	-3	3	-1		-6	-1	-4	-3
U98-311442 (SCN)	1	7	4		-3	0	8	5
Macon (L)	0	7	2		0	0	1	-1
A05-312025	1	3	2		-2	-1	1	2
A05-312029	-1	0	-1		-7	-5	-2	-5
AR05-350081	1	5	0		-2	-1	0	1
AR05-350083	0	4	0		-6	-3	-2	0
HS3-2840	0	7	0		0	2	4	4
LD01-5907	1	6	0		-2	0	5	0
LD02-5124W	0	1	1		-6	-1	1	-2
LD02-6538	-1	1	0		-7	-7	-3	-4
LD02-6553	2	8	8		-2	0	5	-0
LD02-7236W	1	7	9		-2	-3	2	-1
LS01-1987	1	5	3		-2	0	4	3
SS01-3769	1	8	9		1	2	6	5
U03-360120	-2	0	-2		-10	-7	-4	-9
U03-400435	-1	1	-2		-7	-5	-1	-3
Date Planted	6/11	5/15	5/7	5/21	5/30	5/29	5/9	5/3
Days to Mature	105	109	108		128	129	139	143

UNIFORM TEST III, 2007

LODGING (score)

Strain	Mean	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
	14 Tests								
IA3023 (III)	1.4	1.3	3.8	1.3	1.5	1.0	1.0	1.0	1.0
IA3024	1.5	1.0	4.3	1.5	1.5	1.0	1.0	1.0	1.3
U98-311442 (SCN)	1.8	1.0	4.0	2.3	2.0	1.2	1.3	1.0	1.0
Macon (L)	1.7	1.0	4.0	2.0	2.3	1.2	1.0	1.0	1.7
A05-312025	2.2	1.5	4.5	3.7	2.7	1.0	1.5	1.3	1.7
A05-312029	2.4	1.8	5.0	4.3	2.5	1.3	2.0	1.7	1.7
AR05-350081	1.7	1.0	4.0	2.3	2.3	1.0	1.0	1.0	1.3
AR05-350083	1.5	1.0	4.0	1.8	1.8	1.0	1.0	1.0	1.3
HS3-2840	2.3	1.3	4.5	2.8	2.7	1.2	1.7	1.7	2.0
LD01-5907	1.7	1.3	4.3	2.2	2.0	1.0	1.2	1.0	1.0
LD02-5124W	2.0	1.5	4.3	2.5	2.3	1.3	1.5	1.3	1.7
LD02-6538	1.4	1.0	4.0	1.8	1.7	1.0	1.0	1.0	1.0
LD02-6553	2.2	1.3	4.5	3.7	3.0	1.3	1.7	1.7	1.3
LD02-7236W	1.8	1.5	4.0	2.0	2.2	1.2	1.3	1.0	1.7
LS01-1987	1.6	1.0	4.0	2.0	2.0	1.0	1.0	1.0	1.0
SS01-3769	1.8	1.3	4.0	2.2	2.3	1.0	1.2	1.3	1.0
U03-360120	1.5	1.0	4.0	1.7	1.5	1.0	1.0	1.0	1.0
U03-400435	1.5	1.3	4.0	1.5	1.7	1.0	1.2	1.0	1.0

UNIFORM TEST III, 2007

LODGING (score)

Strain	Queenstown MD	Columbia MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	1.0	2.0	1.0			1.0	1.3	1.4
IA3024	1.0	2.0	1.0			1.0	1.3	1.7
U98-311442 (SCN)	1.3	2.7	1.0			1.0	1.9	3.2
Macon (L)	1.0	1.7	2.0			1.0	1.4	2.4
A05-312025	1.2	3.7	2.0			1.5	1.8	2.1
A05-312029	1.0	4.3	1.0			2.0	1.3	4.1
AR05-350081	1.2	2.0	2.0			1.0	1.3	2.3
AR05-350083	1.2	2.0	1.0			1.0	1.3	1.9
HS3-2840	1.2	3.7	2.0			2.5	1.8	3.1
LD01-5907	1.0	2.3	1.0			1.0	1.4	2.9
LD02-5124W	1.2	3.3	2.0			1.0	2.1	2.6
LD02-6538	1.0	1.3	1.0			1.0	1.3	1.7
LD02-6553	1.3	3.3	1.0			1.0	1.6	3.4
LD02-7236W	1.5	1.3	2.0			1.0	1.4	2.6
LS01-1987	1.2	2.7	1.0			1.0	1.6	2.1
SS01-3769	1.3	2.0	2.0			1.0	2.1	2.7
U03-360120	1.2	2.0	2.0			1.0	1.3	1.8
U03-400435	1.2	2.0	1.0			1.0	1.5	1.5

UNIFORM TEST III, 2007

PLANT HEIGHT (inches)

Strain	Mean	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
	14 Tests								
IA3023 (III)	32	32	42	32	38	32	33	35	27
IA3024	32	32	39	34	37	32	30	34	30
U98-311442 (SCN)	33	33	42	34	39	37	34	36	27
Macon (L)	34	29	43	36	42	38	35	35	29
A05-312025	36	39	45	35	40	36	35	38	32
A05-312029	34	33	44	35	38	34	33	39	31
AR05-350081	33	33	40	36	41	36	33	36	29
AR05-350083	34	30	41	38	42	39	37	35	28
HS3-2840	37	38	44	38	44	40	39	40	33
LD01-5907	34	34	41	36	40	36	35	37	29
LD02-5124W	37	39	45	40	40	39	37	40	33
LD02-6538	33	30	38	36	38	36	34	36	27
LD02-6553	35	38	42	37	40	37	36	37	27
LD02-7236W	34	31	41	36	42	37	35	35	32
LS01-1987	35	31	40	38	42	37	38	36	26
SS01-3769	37	36	47	41	46	39	39	40	28
U03-360120	32	33	39	36	37	30	33	35	27
U03-400435	34	32	40	36	39	36	36	37	28

UNIFORM TEST III, 2007

PLANT HEIGHT (inches)

Strain	Queenstown MD	Columbia MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	17	33	27			36	31	39
IA3024	17	34	23			37	29	38
U98-311442 (SCN)	18	34	26			36	33	40
Macon (L)	17	34	25			40	34	39
A05-312025	20	38	28			41	35	38
A05-312029	17	34	25			38	30	39
AR05-350081	16	32	24			36	32	38
AR05-350083	17	38	25			38	32	41
HS3-2840	19	39	28			41	35	46
LD01-5907	18	36	23			41	32	39
LD02-5124W	20	39	29			42	38	40
LD02-6538	16	35	26			37	35	39
LD02-6553	20	36	28			38	31	39
LD02-7236W	18	31	27			38	34	41
LS01-1987	19	35	29			40	35	41
SS01-3769	19	39	30			39	36	43
U03-360120	16	32	29			38	30	36
U03-400435	19	35	27			38	35	37

UNIFORM TEST III, 2007

SEED SIZE (g/100)

Strain	Mean	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
	16 Tests								
IA3023 (III)	15.1	13.4	17.2	13.1	14.8	15.0	16.9	16.1	16.5
IA3024	15.3	14.7	17.0	13.3	14.2	16.5	17.0	17.4	15.3
U98-311442 (SCN)	13.8	12.4	14.7	11.7	12.3	15.5	14.7	14.3	16.8
Macon (L)	15.9	14.9	17.8	12.2	15.0	18.9	18.5	17.0	17.0
A05-312025	15.6	14.4	16.5	13.7	13.6	17.8	18.2	15.8	18.2
A05-312029	14.9	13.6	16.8	13.6	14.7	16.3	17.2	15.3	15.7
AR05-350081	16.6	15.8	17.7	12.5	15.7	19.1	19.4	15.9	16.9
AR05-350083	15.7	14.7	17.5	12.2	15.1	16.9	17.7	16.0	16.8
HS3-2840	16.4	15.3	17.8	13.9	14.7	19.1	16.5	16.8	19.5
LD01-5907	13.0	11.7	13.4	10.9	12.0	13.7	14.6	12.7	14.7
LD02-5124W	15.6	15.0	17.2	13.0	14.5	18.4	19.4	14.8	16.3
LD02-6538	14.6	13.7	15.0	12.2	13.9	16.9	16.6	14.2	15.4
LD02-6553	14.4	13.2	14.6	11.8	13.2	16.7	17.1	14.3	15.4
LD02-7236W	14.5	14.0	15.5	11.4	12.7	17.0	17.6	13.8	16.1
LS01-1987	14.0	13.2	15.1	11.5	12.5	15.8	15.5	13.7	15.0
SS01-3769	14.5	13.0	15.7	12.1	13.6	18.1	17.5	13.6	15.8
U03-360120	12.8	11.9	13.9	11.0	11.4	13.5	14.7	13.2	14.0
U03-400435	14.5	13.1	15.9	12.1	13.9	16.8	17.6	13.8	15.4

UNIFORM TEST III, 2007

SEED SIZE (g/100)

Strain	Queenstown	Columbia	Portageville	DeWitt	North	Stevens	Hoytville	South
	MD	MO	(Loam) MO	NE	Bend NE	Creek NE	OH	Charleston OH
IA3023 (III)	11.6	13.0	14.4	14.9	15.7	16.3	15.1	18.2
IA3024	12.6	13.0	14.0	15.4	15.9	17.5	14.0	16.7
U98-311442 (SCN)	15.0	12.0	12.5	12.4	14.5	13.7	12.6	15.9
Macon (L)	13.4	13.0	13.9	15.4	17.0	15.9	15.0	19.6
A05-312025	13.7	13.0	13.2	15.4	16.7	16.3	15.3	18.5
A05-312029	12.3	12.0	15.0	14.1	15.7	15.8	13.9	16.7
AR05-350081	13.6	15.0	14.6	18.0	17.0	17.5	16.4	20.4
AR05-350083	12.2	13.0	14.3	15.7	17.5	17.7	15.6	19.1
HS3-2840	14.0	15.0	14.2	16.4	16.7	17.5	16.7	18.8
LD01-5907	11.8	13.0	11.5	12.0	14.5	14.1	12.2	15.0
LD02-5124W	14.0	12.0	14.0	14.4	16.4	16.7	14.4	19.6
LD02-6538	13.4	13.0	14.1	14.7	14.2	15.4	14.4	16.3
LD02-6553	13.8	13.0	12.7	13.8	15.9	15.2	13.9	16.2
LD02-7236W	13.1	13.0	12.7	14.1	15.6	14.9	13.7	17.2
LS01-1987	14.6	11.0	13.2	13.2	14.7	15.1	13.0	16.4
SS01-3769	13.3	13.0	11.9	13.6	14.8	14.6	14.0	16.9
U03-360120	10.2	11.0	12.6	12.8	14.2	13.3	12.8	14.2
U03-400435	12.8	12.0	13.6	13.6	15.0	15.7	14.0	17.5

UNIFORM TEST III, 2007

SEED QUALITY (score)

Strain	Mean 14 Tests	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS
IA3023 (III)	1.8			2.0	1.0	1.5	1.0	3.0	2.0
IA3024	2.3			2.0	2.0	1.5	1.5	3.0	2.0
U98-311442 (SCN)	2.0			1.0	2.0	2.0	1.5	3.0	2.0
Macon (L)	2.1			2.0	2.0	1.5	1.0	3.0	2.0
A05-312025	2.4			3.0	2.0	1.5	1.0	4.0	3.0
A05-312029	2.2			2.0	2.0	1.5	1.0	3.0	3.0
AR05-350081	2.4			3.0	2.0	1.5	1.0	3.0	3.0
AR05-350083	2.2			3.0	1.0	1.5	1.0	3.0	2.0
HS3-2840	2.4			2.0	2.0	2.0	1.5	4.0	3.0
LD01-5907	2.0			3.0	2.0	1.5	1.0	2.0	2.0
LD02-5124W	1.9			2.0	2.0	1.5	1.0	2.0	2.0
LD02-6538	2.0			2.0	2.0	1.5	1.0	3.0	2.0
LD02-6553	2.1			2.0	2.0	1.5	1.0	3.0	3.0
LD02-7236W	1.8			2.0	1.0	1.5	1.0	3.0	2.0
LS01-1987	2.0			2.0	1.0	1.5	1.0	3.0	3.0
SS01-3769	2.0			2.0	1.0	1.5	1.0	3.0	2.0
U03-360120	1.9			2.0	2.0	1.5	1.0	2.0	2.0
U03-400435	1.9			2.0	1.0	1.5	1.0	2.0	2.0

UNIFORM TEST III, 2007

SEED QUALITY (score)

Strain	Queenstown	Columbia	Portageville	DeWitt	North	Stevens	Hoytville	South
	MD	MO	(Loam) MO	NE	Bend NE	Creek NE	OH	Charleston OH
IA3023 (III)	1.0	1.0	4.0	2.0	2.0	2.0	1.5	1.6
IA3024	2.5	1.0	4.0	2.0	3.0	3.0	2.5	1.9
U98-311442 (SCN)	1.0	1.0	3.0	2.0	3.0	3.0	2.0	1.7
Macon (L)	1.0	2.0	4.0	2.0	2.0	3.0	2.0	1.7
A05-312025	1.0	2.0	4.0	3.0	3.0	3.0	1.5	1.7
A05-312029	1.0	2.0	2.0	3.0	3.0	3.0	2.5	1.9
AR05-350081	1.7	1.0	4.0	3.0	3.0	3.0	2.0	1.9
AR05-350083	1.3	1.0	4.0	3.0	3.0	3.0	2.5	1.4
HS3-2840	1.0	2.0	3.0	2.0	3.0	3.0	1.5	3.0
LD01-5907	1.0	2.0	4.0	2.0	2.0	2.0	1.5	1.8
LD02-5124W	1.0	1.0	3.0	2.0	3.0	3.0	2.0	1.8
LD02-6538	1.0	2.0	4.0	2.0	2.0	2.0	1.5	1.7
LD02-6553	1.0	1.0	4.0	2.0	3.0	3.0	1.5	1.6
LD02-7236W	1.0	2.0	3.0	2.0	2.0	2.0	1.5	1.5
LS01-1987	1.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0
SS01-3769	1.2	1.0	3.0	3.0	3.0	3.0	1.5	2.1
U03-360120	1.0	2.0	3.0	2.0	2.0	2.0	2.0	1.6
U03-400435	1.0	2.0	4.0	2.0	2.0	3.0	2.0	1.7

UNIFORM TEST III, 2007

PROTEIN (%)

Strain	Mean 10 Tests	Carlisle IA	Urbana IL	Newton IL	Lafayette IN	Wanatah IN	Ashland KS	Portageville			South
								(Loam) MO	DeWitt NE	Hoytville OH	Charleston OH
IA3023 (III)	33.4	33.4	32.9	34.4	32.5	33.5	33.6	33.0	32.3	34.9	33.0
IA3024	33.2	34.0	31.5	33.3	32.8	32.5	34.3	33.5	33.0	33.1	33.7
U98-311442 (SCN)	35.2	35.3	34.2	35.2	35.0	36.0	35.6	34.3	35.2	35.6	35.7
Macon (L)	35.0	35.7	34.2	37.0	34.7	34.1	35.7	33.5	34.5	34.2	36.3
A05-312025	35.1	35.4	34.5	36.5	34.4	34.5	36.0	34.6	34.9	33.9	35.7
A05-312029	33.4	33.8	32.4	34.9	32.0	33.7	32.8	34.0	32.0	34.1	34.1
AR05-350081	35.4	35.7	34.1	36.7	34.5	35.3	36.1	35.3	35.5	34.9	35.9
AR05-350083	34.8	34.9	34.5	35.9	34.1	35.1	35.5	34.6	33.8	33.9	35.5
HS3-2840	36.0	36.3	36.5	37.8	35.4	35.6	35.8	37.1	35.0	35.1	35.9
LD01-5907	32.7	33.1	33.0	35.2	33.1	32.5	31.9	33.8	30.7	30.6	32.9
LD02-5124W	34.0	34.3	33.3	35.4	33.8	34.6	33.8	33.6	31.7	33.9	35.5
LD02-6538	33.1	34.3	31.9	34.4	32.6	33.2	33.0	33.7	31.9	32.1	34.1
LD02-6553	34.8	34.8	35.2	36.2	34.6	34.6	34.6	35.4	32.9	33.3	36.5
LD02-7236W	35.2	35.8	34.7	36.6	34.2	35.5	35.3	35.0	34.6	33.8	36.8
LS01-1987	34.5	35.5	35.3	35.6	34.0	34.1	35.0	34.7	33.2	33.3	34.9
SS01-3769	35.1	36.3	35.7	36.5	35.2	35.1	34.4	35.0	33.5	35.0	34.7
U03-360120	34.2	35.1	32.5	36.8	33.2	33.5	33.6	34.1	34.1	33.4	35.4
U03-400435	33.3	34.6	33.4	34.7	32.9	33.3	33.5	33.6	31.1	33.4	33.0

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

UNIFORM TEST III, 2007

OIL (%)

Strain	Mean	Portageville									South
	10 Tests	Carlisle IA	Urbana IL	Newton IL	Lafayette IN	Wanatah IN	Ashland KS	(Loam) MO	DeWitt NE	Hoytville OH	Charleston OH
IA3023 (III)	18.5	18.6	17.8	17.1	19.4	18.7	18.5	19.2	19.3	17.4	19.3
IA3024	19.3	19.1	19.6	17.8	20.3	19.4	19.0	19.8	19.8	19.0	19.5
U98-311442 (SCN)	17.6	17.9	16.8	16.9	18.3	16.7	17.6	19.5	17.8	17.0	17.3
Macon (L)	17.8	17.8	16.7	15.7	18.8	18.0	17.1	19.1	18.5	17.9	18.0
A05-312025	17.2	17.2	16.6	15.5	18.1	17.3	16.8	18.6	17.6	17.6	16.9
A05-312029	18.5	19.1	17.9	16.5	19.7	18.3	18.6	19.4	19.5	17.5	18.7
AR05-350081	17.4	17.6	17.1	15.0	18.8	17.8	17.1	18.3	17.9	17.0	17.1
AR05-350083	18.1	18.2	17.5	16.3	18.7	17.7	17.7	19.2	19.4	18.0	18.4
HS3-2840	18.2	18.5	17.6	17.0	19.6	18.6	17.4	19.1	18.4	18.0	18.0
LD01-5907	18.5	18.8	17.0	15.8	19.0	18.3	19.4	18.1	19.9	19.1	19.4
LD02-5124W	18.5	18.6	17.7	16.5	19.3	18.5	18.8	19.4	20.2	18.1	17.6
LD02-6538	18.8	18.2	18.3	16.6	19.7	18.9	18.9	19.2	20.3	18.6	19.2
LD02-6553	17.5	17.8	16.1	15.3	18.5	17.3	17.9	17.8	18.9	17.5	17.6
LD02-7236W	18.2	17.8	17.0	16.3	19.4	17.9	18.6	19.1	19.3	18.2	18.3
LS01-1987	17.0	16.7	15.8	15.2	17.9	17.0	17.0	18.5	17.9	16.9	17.3
SS01-3769	17.2	17.4	16.0	15.5	17.9	17.4	16.9	17.8	18.2	17.1	17.7
U03-360120	19.0	19.2	19.0	16.5	19.9	19.7	19.7	19.6	18.2	18.6	19.4
U03-400435	18.8	18.0	18.6	16.5	19.8	19.1	18.8	19.7	20.5	17.9	19.3

Preliminary Test IIIA, 2007

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	F5	
2.	IA3024	A97-553017 x Pioneer YB33A99		1% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	F5	SCN
4.	Macon (L)	Sherman x Resnik	F5	
5.	A06-812020	Dairyland 99659 x A02-136031	F4	
6.	A06-911002	Dairyland 99294 x A01-409031	F4	
7.	A06-911015	A02-338043 x AgriPro 96003-A98-32359	F4	
8.	A06-911034	Dairyland 99540 x IA2068	F4	SCN
9.	A06-911044	Dairyland 99540 x A02-336040	F4	
10.	A06-912002	Dairyland 99669 x A02-237015	F4	
11.	A06-912003	Dairyland 99669 x A02-237015	F4	
12.	A06-912004	Dairyland 99669 x A02-237015	F4	
13.	A06-912006	Dairyland 99540 x A02-336040	F4	
14.	A06-912012	Dairyland 99509 x A02-337046	F4	
15.	A06-912030	Dairyland 99543 x A01-409031	F4	
16.	A06-912033	Dairyland 99543 x A01-409031	F4	
17.	A06-912036	Dairyland 99294 x A01-409031	F4	
18.	A06-912037	Dairyland 99540 x A02-336040	F4	
19.	A06-912043	A02-136031 x Syngenta S18-N5	F4	SCN
20.	LD04-13193	S32-Z3 x U98-205355	F5	SCN
21.	LD04-13209	S32-Z3 x U98-205355	F5	SCN
22.	LD04-13265	S32-Z3 x U98-205355	F5	SCN
23.	LD05-16378	Loda(4) x Dowling	BC3F2	SCN
24.	LD05-16379	Loda(4) x Dowling	BC3F2	SCN
25.	LD05-16386	Loda(4) x Dowling	BC3F2	SCN
26.	LD05-16388	Loda(4) x Dowling	BC3F2	SCN, aphid Rag1
27.	LD05-16413	Loda(4) x Dowling	BC3F2	SCN, aphid Rag1
28.	LD05-16657	Dwight(3) x (Dowling x Loda)	BC2F2	SCN, aphid Rag1
29.	LD05-16808	LD00-3309 x [LD00-4970(2) x (Dowling x Loda	F2	SCN, aphid Rag1
30.	LD05-16860	LD00-3309 x [LD00-4970(2) x (Dowling x Loda	F2	SCN, aphid Rag1
31.	LD05-16874	LD00-3309 x [LD00-4970(2) x (Dowling x Loda	F2	SCN, aphid Rag1
32.	LG04-3642	HS93-4118 x LG97-9226	F6	
33.	LG04-3765	HS93-4118 x LG97-9912	F6	
34.	LG04-4696	LG97-8905 x HS93-4118	F6	
35.	LG04-5988	HS93-4118 x LG97-9912	F6	
36.	LG04-6005	HS93-4118 x LG97-9912	F6	
37.	LS04-05002	LN98-4909 x IA3014	F5	SCN
38.	LS04-05005	LN98-4909 x IA3014	F5	SCN
39.	LS04-17002	MD96-5722 x NK S32-Z3	F5	SCN
40.	LS04-27138	NK S38-T8 x LN97-26597	F5	SCN
41.	LS04-32045	U98-311442 x LN97-14727	F6	SCN
42.	LS04-39033	U97-3114 x SS96-10704	F6	SCN

PRELIMINARY TEST IIIA, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		FE
		Score	Score	Score	Lafayette		Laf.
		Humboldt IA	Lafayette IN	Ashland KS	Race 4	Race 7	a rx.
IA3023 (III)	WLtTDYBII	4.0	1.0	1.0	S	S	S
IA3024	PGTDYIbI	4.1	1.0	1.0	R*	R*	S
U98-311442 (SCN)	PGTDYIbI	3.9	3.0	1.0	S	S	S
Macon (L)	WTBDYBII	4.3	1.0	1.0	S	S	S
A06-812020	PTBDYII	4.8	1.0	1.0	S	S	S
A06-911002	P+WGBDYII	3.3	1.0	2.0	S	S	S
A06-911015	PGBDYII	4.1	1.0	2.0	S	S	S
A06-911034	WGB+TIYII	4.4	1.0	1.0	S	S	S
A06-911044	WGBDYII	4.0	1.0	1.0	S	S	S
A06-912002	WGB+TDYII	5.0	1.0	1.0	H*	S	S
A06-912003	WGTDYII	5.0	1.0	1.0	H*	S	S
A06-912004	WGTDYII	4.6	2.0	1.0	S	S	S
A06-912006	WGB+TDYII	3.9	1.0	1.0	H*	S	S
A06-912012	WGBDYII	3.3	2.0	1.0	H*	H*	S
A06-912030	W+PGTDYY+BfI	4.5	1.0	1.0	S	S	S
A06-912033	WGBDYII+BfI	4.4	2.0	1.0	S	S	-
A06-912036	WGBDYII	3.6	3.0	1.0	S	H*	S
A06-912037	WGBDYII	3.0	2.0	1.0	S	S	S
A06-912043	PGBDYII	3.3	1.0	1.0	R*	S	S
LD04-13193	P+WLtTDYBII	3.9	3.0	1.0	R*	R*	S
LD04-13209	WLtTDYBII	4.0	1.0	1.0	S	S	S
LD04-13265	PLtTDYBII	4.1	2.0	1.0	S	S	S
LD05-16378	PGBDYGr+YI	4.1	1.0	2.0	S	S	S
LD05-16379	PGBDYII	4.0	1.0	2.0	S	S	S
LD05-16386	PGBDYLgr+YI	3.2	1.0	2.0	S	S	S
LD05-16388	PGBDYGrI	3.6	2.0	1.0	S	S	S
LD05-16413	PGBDYGrI	4.1	1.0	2.0	S	H*	S
LD05-16657	PTTDYBII	2.6	1.0	2.0	S	S	S
LD05-16808	PGBDYIb+LbI	4.1	2.0	1.0	S	S	S
LD05-16860	PTBDYBI+BrI	3.5	2.0	1.0	S	S	S
LD05-16874	PTT+BDYBrI	3.8	2.0	1.0	S	S	S
LG04-3642	PTBDYBII	4.1	2.0	1.0	S	R*	S
LG04-3765	WTBDYBII	3.3	3.0	1.0	R*	R*	S
LG04-4696	WLtBDYLBfI	4.5	2.0	1.0	S	R*	S
LG04-5988	WT+LtBDYBII	4.3	2.0	1.0	?	R*	S
LG04-6005	WLtBDYBII	3.6	2.0	1.0	?	R*	S
LS04-05002	WTTDYBrI	3.0	1.0	1.0	R*	R*	S
LS04-05005	PTT+BDYBII	3.8	1.0	1.0	S	H*	S
LS04-17002	PTBDYBII	4.6	1.0	2.0	?	S	S
LS04-27138	PTBDYBII	4.3	1.0	4.0	?	R*	S
LS04-32045	WGTDYBfI	3.3	1.0	1.0	R*	R*	S
LS04-39033	PTTDYBII	4.3	1.0	1.0	R*	R*	-

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

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

PRELIMINARY TEST IIIA, 2007

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 9 Score	Composition	
								Protein 8 %	Oil 8 %
IA3023 (III)	64.8	1	9/22	1.6	34	16.0	1.5	33.3	18.6
IA3024	61.1	11	-4.1	1.5	34	15.9	2.5	33.0	19.6
U98-311442 (SCN)	57.9	29	3.4	1.8	35	13.6	2.4	35.1	17.8
Macon (L)	58.3	24	0.7	1.6	36	15.9	2.2	34.5	18.4
A06-812020	59.4	22	-5.8	1.9	35	13.8	2.0	34.5	18.1
A06-911002	60.5	14	-0.3	2.3	37	15.1	2.2	35.3	17.6
A06-911015	54.3	41	-5.2	1.7	35	14.7	2.3	34.2	18.2
A06-911034	64.1	3	-2.5	1.7	34	14.2	2.0	34.6	18.3
A06-911044	60.1	18	-3.4	1.5	29	15.1	1.9	33.2	18.7
A06-912002	61.9	8	-0.5	1.9	35	14.7	2.1	35.7	18.2
A06-912003	62.5	6	0.8	1.8	34	14.7	1.9	35.6	17.3
A06-912004	61.8	9	0.9	1.7	36	14.5	2.1	35.3	17.9
A06-912006	58.3	24	-2.0	1.5	35	14.5	1.8	34.0	18.6
A06-912012	56.5	34	0.2	2.0	38	16.1	2.1	34.5	18.7
A06-912030	58.3	24	-3.3	2.0	33	16.1	2.4	35.6	17.8
A06-912033	59.9	20	-1.3	1.9	36	15.4	2.3	35.0	18.0
A06-912036	61.1	11	-0.2	2.2	36	15.5	2.1	33.9	17.8
A06-912037	62.7	4	-0.7	2.0	37	14.7	1.9	33.5	18.6
A06-912043	58.2	28	-1.4	1.8	37	14.6	2.1	35.4	17.8
LD04-13193	62.0	7	2.7	1.4	35	14.9	2.1	35.1	17.6
LD04-13209	59.9	20	-0.8	1.7	36	14.6	1.9	34.0	19.5
LD04-13265	64.6	2	2.3	1.3	34	15.3	1.9	34.3	18.3
LD05-16378	55.9	38	-4.3	1.5	33	16.0	2.4	34.6	18.6
LD05-16379	53.1	42	-5.2	1.8	32	14.9	2.2	34.6	18.5
LD05-16386	55.5	40	-4.2	1.6	33	15.8	2.3	34.6	19.0
LD05-16388	57.9	29	-2.1	1.8	35	15.0	2.4	34.0	18.9
LD05-16413	56.9	32	-3.6	1.6	32	15.4	2.1	33.3	19.2
LD05-16657	56.5	33	-6.5	1.4	31	14.3	2.5	33.7	17.9
LD05-16808	56.3	36	-3.1	1.5	36	13.2	2.2	34.6	18.3
LD05-16860	60.1	18	1.7	1.7	37	13.3	2.0	34.9	17.2
LD05-16874	60.4	15	2.0	1.7	36	12.9	1.9	35.2	17.0
LG04-3642	55.7	39	3.0	2.0	40	15.8	2.4	34.3	17.6
LG04-3765	60.6	13	3.0	1.7	32	15.2	2.4	33.1	17.2
LG04-4696	58.9	23	1.3	2.0	41	15.8	2.2	33.8	18.0
LG04-5988	61.7	10	4.5	2.0	37	14.6	2.6	34.0	17.4
LG04-6005	62.6	5	2.4	1.7	37	13.6	1.9	33.8	17.6
LS04-05002	57.6	31	0.8	2.1	38	14.8	2.3	34.9	18.0
LS04-05005	56.4	35	1.3	2.0	41	14.0	1.9	34.1	18.5
LS04-17002	58.3	24	0.2	1.7	35	16.9	2.3	34.4	18.1
LS04-27138	60.4	15	-2.3	1.6	36	14.6	1.9	34.5	18.1
LS04-32045	56.2	37	2.7	2.5	34	14.2	2.5	34.4	17.8
LS04-39033	60.3	17	0.5	1.6	38	15.2	1.8	34.6	17.8

PRELIMINARY TEST IIIA, 2007

YIELD (bu/a)

Strain	Mean	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
	11 Tests					
IA3023 (III)	64.8	44.4	70.5	57.1	55.8	62.4
IA3024	61.1	41.3	70.7	57.1	50.8	61.5
U98-311442 (SCN)	57.9	35.8	59.2	62.2	47.7	53.6
Macon (L)	58.3	33.7	63.0	52.3	50.6	61.6
A06-812020	59.4	49.4	59.8	54.0	56.0	51.5
A06-911002	60.5	40.1	69.2	56.4	51.0	57.3
A06-911015	54.3	39.0	56.7	47.1	46.1	50.2
A06-911034	64.1	44.2	64.1	65.8	57.3	56.6
A06-911044	60.1	40.1	61.1	56.5	53.3	60.9
A06-912002	61.9	37.8	58.4	56.4	51.6	63.2
A06-912003	62.5	36.1	63.5	58.1	54.0	56.4
A06-912004	61.8	35.6	62.1	59.9	54.5	56.8
A06-912006	58.3	39.4	67.5	58.6	53.4	60.7
A06-912012	56.5	32.3	59.6	46.5	51.2	59.9
A06-912030	58.3	47.4	67.3	50.9	48.4	54.0
A06-912033	59.9	40.3	71.2	61.0	54.6	58.4
A06-912036	61.1	36.4	70.2	62.9	52.8	60.9
A06-912037	62.7	39.5	70.9	57.0	55.8	62.6
A06-912043	58.2	41.8	63.0	66.0	54.8	50.6
LD04-13193	62.0	42.2	64.4	65.2	60.3	60.7
LD04-13209	59.9	46.9	61.2	60.1	46.1	55.0
LD04-13265	64.6	47.5	68.7	62.9	53.8	72.7
LD05-16378	55.9	38.8	52.9	64.3	48.2	52.3
LD05-16379	53.1	37.3	51.7	59.0	53.2	46.1
LD05-16386	55.5	38.6	60.2	54.9	51.3	53.2
LD05-16388	57.9	49.3	60.0	61.2	54.9	52.7
LD05-16413	56.9	49.0	60.2	62.0	51.8	51.0
LD05-16657	56.5	31.7	60.4	66.6	50.2	51.1
LD05-16808	56.3	38.7	62.5	57.4	44.8	55.8
LD05-16860	60.1	42.6	61.4	63.2	54.6	57.5
LD05-16874	60.4	38.6	62.6	59.6	53.9	56.2
LG04-3642	55.7	35.4	61.4	57.4	52.3	52.8
LG04-3765	60.6	34.9	65.1	54.8	54.1	59.0
LG04-4696	58.9	41.8	59.7	55.0	55.8	57.7
LG04-5988	61.7	40.4	69.8	60.2	56.7	59.3
LG04-6005	62.6	41.7	66.9	62.7	55.7	57.1
LS04-05002	57.6	47.3	53.8	53.8	53.2	54.5
LS04-05005	56.4	39.8	50.4	50.8	49.8	51.6
LS04-17002	58.3	37.6	55.6	54.8	53.0	59.7
LS04-27138	60.4	40.0	70.9	63.4	51.7	54.4
LS04-32045	56.2	36.7	58.5	53.8	51.8	59.2
LS04-39033	60.3	41.3	67.4	59.7	50.3	55.6
C.V. (%)		11.7	6.5	7.9	9.2	3.9
L.S.D. (5%)		9.5	8.2	7.7	9.7	4.5
Row Sp. (In.)		27	27	30	30	30
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	2

PRELIMINARY TEST IIIA, 2007

YIELD (bu/a)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	55.1	67.3	75.5	73.2	82.8	68.3
IA3024	53.1	73.4	64.4	64.0	75.2	60.1
U98-311442 (SCN)	57.2	65.1	52.8	63.2	73.6	66.1
Macon (L)	59.5	63.0	52.6	67.7	81.5	55.7
A06-812020	55.8	64.8	61.8	77.0	75.7	47.6
A06-911002	65.7	66.5	57.2	56.9	80.5	64.2
A06-911015	56.4	63.7	52.4	56.4	79.0	50.4
A06-911034	63.7	65.8	68.5	85.9	74.4	58.6
A06-911044	52.6	68.4	56.2	76.7	73.9	61.1
A06-912002	62.6	68.5	67.3	72.6	82.3	60.6
A06-912003	63.5	68.2	63.4	72.6	84.2	67.1
A06-912004	62.6	68.9	65.9	68.0	85.1	60.9
A06-912006	53.8	61.4	52.7	64.6	67.4	61.6
A06-912012	65.2	58.1	60.1	53.7	80.4	54.6
A06-912030	55.2	67.9	53.1	67.1	72.8	56.9
A06-912033	58.9	68.7	53.7	57.6	76.6	58.2
A06-912036	55.0	66.4	61.6	63.4	84.5	57.6
A06-912037	60.6	68.6	61.5	66.4	83.0	63.9
A06-912043	64.5	52.5	56.4	59.4	71.7	59.1
LD04-13193	64.4	67.0	56.5	50.5	81.3	69.3
LD04-13209	66.3	60.8	60.1	66.1	76.8	59.7
LD04-13265	64.2	68.5	66.0	59.6	84.0	62.8
LD05-16378	52.9	62.1	59.3	59.4	72.0	52.9
LD05-16379	57.8	61.8	56.6	50.9	64.6	45.3
LD05-16386	50.0	60.8	55.2	60.5	71.6	54.7
LD05-16388	59.0	62.7	53.6	63.2	64.9	54.9
LD05-16413	48.9	61.8	56.1	59.7	66.8	58.2
LD05-16657	59.1	63.8	57.2	54.3	66.7	60.7
LD05-16808	65.3	64.6	52.8	51.2	66.3	60.2
LD05-16860	57.9	65.7	62.1	48.1	81.9	66.6
LD05-16874	60.2	67.0	59.9	61.3	84.5	60.3
LG04-3642	54.2	59.9	49.1	51.6	81.1	57.3
LG04-3765	58.1	64.0	65.9	66.9	80.7	62.9
LG04-4696	50.4	67.2	58.9	64.0	81.9	56.0
LG04-5988	52.9	63.1	60.7	76.1	82.9	56.6
LG04-6005	55.6	69.4	53.4	63.4	91.9	70.8
LS04-05002	49.7	63.5	58.1	69.7	77.2	53.2
LS04-05005	63.7	61.1	59.9	66.7	75.9	50.3
LS04-17002	53.2	63.0	53.8	66.7	84.9	58.6
LS04-27138	59.8	66.0	60.9	64.8	75.5	57.5
LS04-32045	56.9	60.9	48.6	61.5	74.7	55.8
LS04-39033	57.9	65.1	59.2	69.8	80.6	56.5
C.V. (%)	7.7	5.9	10.0	13.7	6.5	9.1
L.S.D. (5%)	9.1	9.8	14.5	21.7	10.1	10.6
Row Sp. (In.)	30	30	30	30	7.5	15
Rows/Plot	4	4	4	4	8	6
Reps	2	2	2	2	2	2

PRELIMINARY TEST IIIA, 2007

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	1	8	5	25	5	4
IA3024	11	15	4	25	32	6
U98-311442 (SCN)	29	36	34	11	39	31
Macon (L)	24	40	18	38	33	5
A06-812020	22	1	31	35	4	37
A06-911002	14	19	8	29	31	19
A06-911015	41	25	37	41	40	41
A06-911034	3	9	16	3	2	22
A06-911044	18	19	26	28	19	7
A06-912002	8	30	36	29	28	2
A06-912003	6	35	17	22	15	23
A06-912004	9	37	22	17	13	21
A06-912006	24	24	10	21	18	9
A06-912012	34	41	33	42	30	11
A06-912030	24	5	12	39	37	30
A06-912033	20	18	1	14	11	16
A06-912036	11	34	6	8	23	7
A06-912037	4	23	2	27	5	3
A06-912043	28	12	18	2	10	40
LD04-13193	7	11	15	4	1	9
LD04-13209	20	7	25	16	40	27
LD04-13265	2	4	9	8	17	1
LD05-16378	38	26	40	5	38	35
LD05-16379	42	32	41	20	20	42
LD05-16386	40	28	28	32	29	32
LD05-16388	29	2	30	13	9	34
LD05-16413	32	3	28	12	25	39
LD05-16657	33	42	27	1	35	38
LD05-16808	36	27	21	23	42	25
LD05-16860	18	10	23	7	11	18
LD05-16874	15	28	20	19	16	24
LG04-3642	39	38	23	24	24	33
LG04-3765	13	39	14	33	14	15
LG04-4696	23	12	32	31	5	17
LG04-5988	10	17	7	15	3	13
LG04-6005	5	14	13	10	8	20
LS04-05002	31	6	39	36	20	28
LS04-05005	35	22	42	40	36	36
LS04-17002	24	31	38	33	22	12
LS04-27138	15	21	2	6	27	29
LS04-32045	37	33	35	36	25	14
LS04-39033	17	15	11	18	34	26

PRELIMINARY TEST IIIA, 2007

YIELD RANK

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	30	11	1	5	10	3
IA3024	35	1	7	20	28	18
U98-311442 (SCN)	24	20	36	24	32	6
Macon (L)	16	29	39	11	14	33
A06-812020	27	22	10	2	26	41
A06-911002	2	15	23	34	19	7
A06-911015	26	26	40	35	21	39
A06-911034	8	18	2	1	30	21
A06-911044	38	8	28	3	31	12
A06-912002	11	6	3	6	11	15
A06-912003	10	9	8	6	6	4
A06-912004	11	3	5	10	2	13
A06-912006	33	35	38	19	37	11
A06-912012	4	41	15	37	20	36
A06-912030	29	10	35	12	33	28
A06-912033	19	4	32	33	24	23
A06-912036	31	16	11	22	4	25
A06-912037	13	5	12	16	8	8
A06-912043	5	42	27	31	35	20
LD04-13193	6	13	26	41	15	2
LD04-13209	1	38	15	17	23	19
LD04-13265	7	7	4	30	7	10
LD05-16378	36	32	19	31	34	38
LD05-16379	23	33	25	40	42	42
LD05-16386	40	38	30	28	36	35
LD05-16388	18	31	33	24	41	34
LD05-16413	42	33	29	29	38	23
LD05-16657	17	25	23	36	39	14
LD05-16808	3	23	36	39	40	17
LD05-16860	21	19	9	42	13	5
LD05-16874	14	13	17	27	5	16
LG04-3642	32	40	41	38	16	27
LG04-3765	20	24	5	13	17	9
LG04-4696	39	12	21	20	12	31
LG04-5988	36	28	14	4	9	29
LG04-6005	28	2	34	22	1	1
LS04-05002	41	27	22	9	22	37
LS04-05005	8	36	17	14	25	40
LS04-17002	34	29	31	14	3	21
LS04-27138	15	17	13	18	27	26
LS04-32045	25	37	42	26	29	32
LS04-39033	21	20	20	8	18	30

PRELIMINARY TEST IIIA, 2007

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	9/22	9/24	9/29	9/9	9/21	10/1
IA3024	-4.1	-9	-5	-1	-6	-4
U98-311442 (SCN)	3.4	2	0	6	6	3
Macon (L)	0.7	-1	-1	1	1	5
A06-812020	-5.8	-9	-6	-3	-9	-1
A06-911002	-0.3	3	-2	0	-4	1
A06-911015	-5.2	-3	-7	-4	-8	-1
A06-911034	-2.5	-4	-2	1	-3	-1
A06-911044	-3.4	-2	-4	-3	-5	2
A06-912002	-0.5	1	-2	1	0	-0
A06-912003	0.8	1	-1	3	-1	2
A06-912004	0.9	2	-1	4	0	1
A06-912006	-2.0	-2	-3	-2	-1	-1
A06-912012	0.2	-2	-2	1	0	3
A06-912030	-3.3	-2	-2	-3	-9	2
A06-912033	-1.3	-3	-2	-1	-4	1
A06-912036	-0.2	1	-4	2	0	3
A06-912037	-0.7	-2	-2	0	-3	2
A06-912043	-1.4	-1	-2	2	-2	1
LD04-13193	2.7	2	0	4	3	2
LD04-13209	-0.8	-1	-3	1	-4	1
LD04-13265	2.3	5	-1	5	2	2
LD05-16378	-4.3	-6	-5	-1	-8	-0
LD05-16379	-5.2	-5	-7	-3	-7	-2
LD05-16386	-4.2	-4	-4	-2	-7	-4
LD05-16388	-2.1	-1	-3	1	-2	2
LD05-16413	-3.6	-2	-5	0	-5	-3
LD05-16657	-6.5	-8	-7	-2	-9	-5
LD05-16808	-3.1	-3	-5	0	-8	1
LD05-16860	1.7	3	-3	5	2	1
LD05-16874	2.0	2	-1	4	1	3
LG04-3642	3.0	1	-1	8	1	6
LG04-3765	3.0	1	0	7	4	1
LG04-4696	1.3	2	0	3	2	3
LG04-5988	4.5	5	1	9	4	5
LG04-6005	2.4	1	1	8	3	-2
LS04-05002	0.8	1	-2	5	1	2
LS04-05005	1.3	4	-3	5	1	2
LS04-17002	0.2	1	-1	3	-3	3
LS04-27138	-2.3	-3	-4	2	-7	1
LS04-32045	2.7	2	-2	9	2	3
LS04-39033	0.5	2	0	6	1	-2
Date Planted	5/16	5/12	5/18	5/7	5/7	6/4
Days to Mature	130	135	134	125	137	119

PRELIMINARY TEST IIIA, 2007

MATURITY (date)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	8/23		10/5	10/5	9/26	9/27
IA3024	-1		-4	-3	-4	-5
U98-311442 (SCN)	8		-1	0	9	2
Macon (L)	8		0	0	-1	-5
A06-812020	2		-6	-9	-5	-11
A06-911002	0		0	2	0	-2
A06-911015	-1		-7	-7	-4	-10
A06-911034	-3		-2	0	-5	-7
A06-911044	-2		-3	-5	-5	-7
A06-912002	-1		-1	-1	1	-3
A06-912003	1		0	0	3	-1
A06-912004	1		-1	0	1	1
A06-912006	-1		-1	0	-3	-7
A06-912012	0		-1	0	2	0
A06-912030	-5		-2	-1	0	-11
A06-912033	0		-2	0	-1	-2
A06-912036	1		0	0	-1	-4
A06-912037	0		-1	0	1	-2
A06-912043	5		-5	-3	-3	-5
LD04-13193	10		-1	0	6	0
LD04-13209	4		0	0	1	-7
LD04-13265	6		-2	0	6	1
LD05-16378	-3		-6	-5	-5	-5
LD05-16379	-4		-7	-3	-5	-10
LD05-16386	-1		-7	-1	-6	-6
LD05-16388	-2		-6	-3	-4	-3
LD05-16413	-3		-7	-3	-5	-4
LD05-16657	-2		-10	-7	-6	-9
LD05-16808	0		-3	-3	-4	-6
LD05-16860	8		-3	2	3	-1
LD05-16874	7		0	0	4	-0
LG04-3642	9		0	0	6	0
LG04-3765	9		0	0	7	2
LG04-4696	-1		0	0	4	1
LG04-5988	7		0	3	9	3
LG04-6005	5		0	0	7	2
LS04-05002	0		0	-3	6	-2
LS04-05005	6		-1	0	4	-4
LS04-17002	5		0	0	0	-7
LS04-27138	3		-3	-1	-4	-7
LS04-32045	2		0	0	8	2
LS04-39033	-1		-1	-1	1	-1
Date Planted	5/7	5/21	5/30	5/29	5/9	5/3
Days to Mature	108		128	129	140	147

PRELIMINARY TEST IIIA, 2007

LODGING (score)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	1.6	1.3	3.8	2.0	1.0	1.0
IA3024	1.5	1.0	4.3	1.5	1.0	1.0
U98-311442 (SCN)	1.8	1.0	4.0	2.5	1.0	1.0
Macon (L)	1.6	1.0	4.0	2.3	1.0	1.0
A06-812020	1.9	1.3	4.5	2.5	1.3	2.0
A06-911002	2.3	2.8	4.8	2.8	1.3	1.5
A06-911015	1.7	1.3	4.5	2.3	1.3	1.0
A06-911034	1.7	1.0	4.0	2.3	1.0	1.0
A06-911044	1.5	1.0	4.3	1.3	1.0	1.0
A06-912002	1.9	1.5	4.3	2.5	1.0	1.0
A06-912003	1.8	1.3	4.5	1.8	1.0	1.0
A06-912004	1.7	1.0	4.5	2.0	1.0	1.0
A06-912006	1.5	1.0	4.0	1.5	1.0	1.0
A06-912012	2.0	1.3	4.5	2.3	1.0	1.0
A06-912030	2.0	1.8	4.5	2.3	1.0	1.5
A06-912033	1.9	1.0	4.0	2.5	1.3	1.5
A06-912036	2.2	1.8	4.8	3.3	1.0	1.5
A06-912037	2.0	1.3	4.5	2.5	1.0	2.0
A06-912043	1.8	1.3	4.0	2.5	1.0	1.0
LD04-13193	1.4	1.0	3.3	2.0	1.0	1.0
LD04-13209	1.7	1.3	4.0	2.0	1.0	1.0
LD04-13265	1.3	1.0	3.0	1.5	1.0	1.0
LD05-16378	1.5	1.0	4.3	2.0	1.0	1.0
LD05-16379	1.8	1.3	4.5	2.5	1.0	1.0
LD05-16386	1.6	1.0	4.0	2.0	1.0	1.0
LD05-16388	1.8	1.5	4.3	2.5	1.0	1.0
LD05-16413	1.6	1.0	4.3	2.0	1.0	1.0
LD05-16657	1.4	1.0	3.5	1.8	1.0	1.0
LD05-16808	1.5	1.0	4.3	1.5	1.0	1.0
LD05-16860	1.7	1.3	4.0	2.0	1.0	1.0
LD05-16874	1.7	1.0	4.0	2.0	1.0	1.0
LG04-3642	2.0	1.0	4.3	3.0	1.3	1.0
LG04-3765	1.7	1.0	4.0	2.5	1.0	1.0
LG04-4696	2.0	1.5	4.3	3.0	1.3	1.5
LG04-5988	2.0	1.3	4.0	2.5	1.0	1.0
LG04-6005	1.7	1.0	4.3	2.5	1.0	1.0
LS04-05002	2.1	1.5	4.0	2.5	1.0	1.5
LS04-05005	2.0	1.0	4.3	2.3	1.0	1.5
LS04-17002	1.7	1.0	4.3	2.3	1.0	1.0
LS04-27138	1.6	1.3	4.0	2.0	1.0	1.0
LS04-32045	2.5	1.5	4.8	3.5	1.3	1.5
LS04-39033	1.6	1.0	3.8	2.0	1.0	1.0

PRELIMINARY TEST IIIA, 2007

LODGING (score)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	2.0			1.0	1.3	1.4
IA3024	1.0			1.0	1.3	1.5
U98-311442 (SCN)	1.0			1.0	2.8	1.8
Macon (L)	1.0			1.0	1.6	1.6
A06-812020	1.0			1.0	1.4	2.0
A06-911002	3.0			1.0	1.6	2.1
A06-911015	1.0			1.0	1.3	1.2
A06-911034	2.0			1.0	1.4	1.5
A06-911044	1.0			1.0	1.3	1.3
A06-912002	2.0			1.0	1.3	2.8
A06-912003	2.0			1.0	1.3	2.5
A06-912004	2.0			1.0	1.6	1.6
A06-912006	1.0			1.0	1.3	1.5
A06-912012	1.0			2.0	2.0	2.7
A06-912030	2.0			1.0	1.3	2.2
A06-912033	2.0			1.5	1.3	2.2
A06-912036	2.0			1.0	2.0	2.4
A06-912037	2.0			1.0	1.7	1.9
A06-912043	2.0			1.0	1.8	1.5
LD04-13193	1.0			1.0	1.4	1.3
LD04-13209	2.0			1.0	1.5	1.4
LD04-13265	1.0			1.0	1.4	1.1
LD05-16378	1.0			1.0	1.4	1.1
LD05-16379	2.0			1.0	1.3	1.2
LD05-16386	2.0			1.0	1.3	1.4
LD05-16388	1.0			1.0	1.3	2.2
LD05-16413	1.0			1.0	1.3	1.7
LD05-16657	1.0			1.0	1.3	1.1
LD05-16808	1.0			1.0	1.4	1.1
LD05-16860	2.0			1.5	1.3	1.2
LD05-16874	2.0			1.0	1.9	1.1
LG04-3642	2.0			1.5	2.1	2.0
LG04-3765	1.0			1.0	2.4	1.0
LG04-4696	1.0			1.0	2.1	1.9
LG04-5988	2.0			1.5	2.4	2.1
LG04-6005	1.0			1.0	1.9	1.8
LS04-05002	3.0			1.0	2.5	2.2
LS04-05005	2.0			1.0	2.3	2.6
LS04-17002	2.0			1.0	1.6	1.6
LS04-27138	1.0			1.0	1.4	1.4
LS04-32045	2.0			1.5	3.2	2.8
LS04-39033	2.0			1.0	1.7	1.2

PRELIMINARY TEST IIIA, 2007

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	34	32	42	36	33	35
IA3024	34	32	39	38	33	36
U98-311442 (SCN)	35	33	42	39	35	37
Macon (L)	36	29	43	39	37	37
A06-812020	35	39	40	36	37	36
A06-911002	37	37	40	38	37	36
A06-911015	35	32	42	38	35	37
A06-911034	34	33	39	36	34	38
A06-911044	29	28	36	33	30	33
A06-912002	35	35	39	37	33	37
A06-912003	34	31	37	37	32	36
A06-912004	36	30	45	39	34	38
A06-912006	35	35	41	38	34	39
A06-912012	38	34	46	39	37	40
A06-912030	33	33	42	35	34	33
A06-912033	36	35	45	39	34	37
A06-912036	36	38	40	38	35	38
A06-912037	37	34	44	38	36	38
A06-912043	37	38	45	38	36	39
LD04-13193	35	33	41	39	36	37
LD04-13209	36	36	42	40	37	35
LD04-13265	34	32	39	39	34	37
LD05-16378	33	32	38	36	32	35
LD05-16379	32	30	37	35	33	34
LD05-16386	33	33	41	36	34	35
LD05-16388	35	37	38	37	37	34
LD05-16413	32	32	40	36	32	32
LD05-16657	31	28	39	36	30	32
LD05-16808	36	34	41	40	33	36
LD05-16860	37	38	43	39	35	37
LD05-16874	36	34	43	40	35	35
LG04-3642	40	34	46	43	40	42
LG04-3765	32	26	37	35	34	32
LG04-4696	41	41	48	41	41	46
LG04-5988	37	34	44	42	39	39
LG04-6005	37	31	44	38	37	42
LS04-05002	38	37	44	40	39	37
LS04-05005	41	39	45	44	43	42
LS04-17002	35	31	41	39	36	35
LS04-27138	36	32	43	39	35	37
LS04-32045	34	35	40	37	34	30
LS04-39033	38	36	44	43	39	37

PRELIMINARY TEST IIIA, 2007

PLANT HEIGHT (inches)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	23			35	31	37
IA3024	21			37	31	36
U98-311442 (SCN)	23			34	33	35
Macon (L)	30			38	37	34
A06-812020	24			37	35	34
A06-911002	32			39	36	35
A06-911015	24			39	32	33
A06-911034	27			37	31	34
A06-911044	18			32	26	28
A06-912002	29			38	29	38
A06-912003	31			34	32	34
A06-912004	29			39	33	34
A06-912006	26			38	31	31
A06-912012	30			40	36	41
A06-912030	24			35	29	33
A06-912033	29			40	33	36
A06-912036	29			40	36	34
A06-912037	30			39	36	36
A06-912043	30			38	35	35
LD04-13193	28			35	34	33
LD04-13209	27			38	35	38
LD04-13265	28			31	32	32
LD05-16378	24			34	31	33
LD05-16379	29			35	28	27
LD05-16386	23			37	27	34
LD05-16388	22			37	31	38
LD05-16413	21			34	27	30
LD05-16657	19			36	23	33
LD05-16808	29			40	33	34
LD05-16860	29			37	36	36
LD05-16874	30			39	36	32
LG04-3642	30			46	37	40
LG04-3765	19			35	35	33
LG04-4696	27			46	41	42
LG04-5988	28			38	34	37
LG04-6005	29			38	35	38
LS04-05002	31			40	39	38
LS04-05005	33			42	39	44
LS04-17002	28			35	36	37
LS04-27138	29			41	33	35
LS04-32045	30			33	36	34
LS04-39033	30			37	37	36

PRELIMINARY TEST IIIA, 2007

SEED SIZE (g/100)

Strain	Mean 11 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	16.0	13.4	17.2	15.3	16.5	15.4
IA3024	15.9	14.7	17.0	14.8	15.9	16.6
U98-311442 (SCN)	13.6	12.4	14.7	12.7	14.5	14.8
Macon (L)	15.9	14.9	17.8	14.7	17.1	16.5
A06-812020	13.8	13.1	15.2	12.5	14.4	13.7
A06-911002	15.1	14.0	16.0	13.7	16.1	15.6
A06-911015	14.7	13.7	15.3	13.3	14.2	15.4
A06-911034	14.2	13.5	15.3	13.9	15.7	14.1
A06-911044	15.1	13.6	16.2	14.1	16.1	15.3
A06-912002	14.7	13.2	15.4	13.3	16.8	13.3
A06-912003	14.7	13.5	15.0	13.7	16.1	14.1
A06-912004	14.5	13.3	15.3	13.4	15.9	14.2
A06-912006	14.5	13.5	16.2	13.7	16.0	14.5
A06-912012	16.1	14.2	17.0	14.7	17.7	16.3
A06-912030	16.1	14.9	18.0	15.2	15.0	16.8
A06-912033	15.4	14.2	17.0	14.3	16.6	15.5
A06-912036	15.5	14.0	17.0	14.5	17.8	15.6
A06-912037	14.7	13.6	16.7	14.1	15.9	13.9
A06-912043	14.6	15.7	17.0	15.7	18.8	13.6
LD04-13193	14.9	13.6	16.3	14.6	16.9	14.8
LD04-13209	14.6	13.7	15.6	13.7	15.3	15.1
LD04-13265	15.3	14.3	16.1	13.1	16.8	17.1
LD05-16378	16.0	13.9	16.2	16.5	16.8	15.9
LD05-16379	14.9	13.2	14.9	14.6	15.6	13.8
LD05-16386	15.8	14.0	16.9	14.8	16.5	15.4
LD05-16388	15.0	14.1	16.0	14.7	17.0	13.4
LD05-16413	15.4	14.2	16.1	15.7	15.5	14.3
LD05-16657	14.3	12.9	14.6	14.8	15.4	13.8
LD05-16808	13.2	12.1	13.9	13.4	13.0	13.1
LD05-16860	13.3	11.9	13.8	13.3	13.9	13.7
LD05-16874	12.9	11.7	13.9	12.9	13.4	12.8
LG04-3642	15.8	14.0	17.0	15.1	17.1	16.4
LG04-3765	15.2	14.0	16.0	14.4	17.8	15.6
LG04-4696	15.8	15.1	16.8	14.4	17.9	15.7
LG04-5988	14.6	13.1	15.6	13.8	16.9	15.4
LG04-6005	13.6	12.3	14.7	13.2	15.6	14.2
LS04-05002	14.8	14.3	15.2	13.5	17.0	14.1
LS04-05005	14.0	14.0	14.7	12.8	15.6	13.0
LS04-17002	16.9	14.6	17.7	16.1	18.0	17.4
LS04-27138	14.6	13.8	15.1	14.5	16.1	13.7
LS04-32045	14.2	13.4	14.8	13.6	16.7	14.8
LS04-39033	15.2	14.1	17.1	14.4	16.5	15.4

PRELIMINARY TEST IIIA, 2007

SEED SIZE (g/100)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	14.8	15.8	17.0	16.6	16.9	16.8
IA3024	13.9	15.3	17.2	16.8	16.2	16.0
U98-311442 (SCN)	11.1	12.7	14.9	14.3	12.3	15.7
Macon (L)	12.5	15.4	16.6	15.8	15.5	17.9
A06-812020	11.8	12.8	15.5	15.0	13.0	15.3
A06-911002	12.9	14.6	16.5	15.7	15.0	16.4
A06-911015	13.4	13.8	15.4	16.7	14.4	15.7
A06-911034	11.8	13.2	14.9	15.2	13.9	14.8
A06-911044	13.8	15.9	16.5	14.6	13.7	16.2
A06-912002	12.2	14.2	16.5	15.3	14.5	17.3
A06-912003	12.0	14.8	15.5	15.8	14.2	17.5
A06-912004	12.4	14.0	14.9	15.6	13.7	16.4
A06-912006	12.7	13.6	15.0	15.0	13.9	15.4
A06-912012	12.6	16.6	17.4	16.6	15.1	18.6
A06-912030	12.9	15.9	18.4	18.0	15.0	17.4
A06-912033	12.2	14.8	17.5	15.5	14.4	17.4
A06-912036	13.2	14.1	16.9	15.1	15.5	16.7
A06-912037	12.5	13.9	15.5	15.8	14.6	15.4
A06-912043	0.0	14.8	15.3	17.2	13.5	18.7
LD04-13193	12.1	13.9	15.9	14.9	14.0	16.8
LD04-13209	12.3	13.4	15.5	16.1	13.5	16.1
LD04-13265	12.8	14.0	16.7	15.9	14.3	17.6
LD05-16378	13.9	15.2	17.3	17.2	15.3	17.5
LD05-16379	15.3	14.4	16.6		14.5	16.3
LD05-16386	14.7	14.7	16.3	17.8	15.1	17.5
LD05-16388	12.9	14.7	15.4	15.2	14.4	17.0
LD05-16413	14.5	14.5	16.1	16.0	15.8	16.5
LD05-16657	13.7	12.9	14.6	14.9	13.5	16.2
LD05-16808	12.1	12.7	14.1	14.1	12.8	14.4
LD05-16860	11.3	12.9	14.3	13.5	12.2	15.3
LD05-16874	9.4	12.6	13.6	13.8	12.5	15.1
LG04-3642	13.4	14.6	15.5	17.6	15.8	17.2
LG04-3765	11.8	13.4	16.8	15.7	14.5	17.6
LG04-4696	12.8	14.6	16.8	16.3	16.6	17.4
LG04-5988	10.9	14.1	15.1	14.9	14.6	16.4
LG04-6005	10.0	12.3	14.1	14.0	14.1	15.5
LS04-05002	13.2	13.9	15.6	14.7	14.7	16.9
LS04-05005	12.0	13.4	15.7	14.8	13.4	14.7
LS04-17002	13.9	16.4	18.0	17.7	17.2	18.9
LS04-27138	13.1	13.8	14.2	14.8	14.4	16.6
LS04-32045	10.2	13.8	15.1	14.5	13.3	15.9
LS04-39033	11.7	14.6	16.0	15.5	13.7	17.7

PRELIMINARY TEST IIIA, 2007

SEED QUALITY (score)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	1.5			1.0	1.0	2.0
IA3024	2.5			2.0	1.5	2.0
U98-311442 (SCN)	2.4			2.0	1.5	3.0
Macon (L)	2.2			2.0	1.0	3.0
A06-812020	2.0			2.0	1.0	3.0
A06-911002	2.2			2.0	1.5	3.0
A06-911015	2.3			2.0	1.5	2.0
A06-911034	2.0			2.0	1.0	2.0
A06-911044	1.9			1.0	1.0	2.0
A06-912002	2.1			1.0	1.5	2.0
A06-912003	1.9			1.0	1.0	2.0
A06-912004	2.1			2.0	1.5	2.0
A06-912006	1.8			2.0	1.0	2.0
A06-912012	2.1			2.0	1.5	2.0
A06-912030	2.4			2.0	1.0	3.0
A06-912033	2.3			2.0	1.5	3.0
A06-912036	2.1			3.0	1.5	2.0
A06-912037	1.9			1.0	1.0	2.0
A06-912043	2.1			2.0	1.5	3.0
LD04-13193	2.1			2.0	1.5	2.0
LD04-13209	1.9			1.0	1.5	2.0
LD04-13265	1.9			1.0	1.0	2.0
LD05-16378	2.4			2.0	1.5	3.0
LD05-16379	2.2			2.0	1.0	3.0
LD05-16386	2.3			2.0	1.5	3.0
LD05-16388	2.4			2.0	1.5	3.0
LD05-16413	2.1			2.0	1.5	2.0
LD05-16657	2.5			2.0	1.0	3.0
LD05-16808	2.2			2.0	1.5	2.0
LD05-16860	2.0			2.0	1.0	2.0
LD05-16874	1.9			2.0	1.0	2.0
LG04-3642	2.4			2.0	1.5	3.0
LG04-3765	2.4			1.0	1.5	3.0
LG04-4696	2.2			2.0	1.0	3.0
LG04-5988	2.6			2.0	1.0	3.0
LG04-6005	1.9			2.0	1.0	2.0
LS04-05002	2.3			2.0	1.0	3.0
LS04-05005	1.9			1.0	1.0	2.0
LS04-17002	2.3			1.0	1.5	3.0
LS04-27138	1.9			1.0	1.0	2.0
LS04-32045	2.5			2.0	1.5	3.0
LS04-39033	1.8			1.0	1.0	2.0

PRELIMINARY TEST IIIA, 2007

SEED QUALITY (score)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	3.0	1.0	1.0	2.0	1.5	1.0
IA3024	3.0	3.0	3.0	3.0	3.0	1.8
U98-311442 (SCN)	3.0	2.0	3.0	3.0	2.5	1.3
Macon (L)	3.0	2.0	3.0	2.0	2.5	1.3
A06-812020	3.0	2.0	2.0	2.0	1.5	1.8
A06-911002	3.0	3.0	2.0	2.0	1.5	1.8
A06-911015	3.0	3.0	2.0	3.0	2.5	1.3
A06-911034	3.0	2.0	2.0	3.0	2.0	1.3
A06-911044	3.0	3.0	2.0	2.0	2.0	1.0
A06-912002	3.0	2.0	2.0	3.0	2.5	1.5
A06-912003	3.0	3.0	2.0	3.0	1.5	1.0
A06-912004	3.0	2.0	2.0	3.0	1.5	1.5
A06-912006	3.0	2.0	2.0	2.0	1.5	1.0
A06-912012	3.0	2.0	2.0	3.0	2.0	1.8
A06-912030	4.0	3.0	3.0	3.0	1.5	1.3
A06-912033	3.0	3.0	2.0	3.0	1.5	1.5
A06-912036	3.0	2.0	2.0	3.0	1.5	1.3
A06-912037	3.0	2.0	2.0	3.0	2.0	1.5
A06-912043	3.0	2.0	2.0	3.0	1.5	1.3
LD04-13193	3.0	2.0	2.0	3.0	2.0	1.3
LD04-13209	3.0	2.0	2.0	3.0	1.5	1.5
LD04-13265	3.0	2.0	2.0	3.0	2.0	1.5
LD05-16378	3.0	3.0	2.0	3.0	2.5	2.0
LD05-16379	3.0	2.0	2.0		2.5	1.8
LD05-16386	3.0	2.0	2.0	3.0	2.0	2.0
LD05-16388	3.0	2.0	2.0	3.0	3.0	2.3
LD05-16413	3.0	2.0	2.0	2.0	2.5	2.3
LD05-16657	3.0	3.0	3.0	3.0	2.5	1.8
LD05-16808	3.0	2.0	2.0	3.0	2.5	1.5
LD05-16860	3.0	2.0	3.0	2.0	1.5	1.3
LD05-16874	3.0	2.0	2.0	2.0	1.5	1.3
LG04-3642	3.0	3.0	2.0	3.0	2.0	2.3
LG04-3765	4.0	2.0	3.0	3.0	2.5	1.5
LG04-4696	3.0	2.0	2.0	3.0	2.5	1.5
LG04-5988	4.0	3.0	3.0	4.0	2.0	1.5
LG04-6005	2.0	2.0	2.0	3.0	1.5	1.3
LS04-05002	3.0	3.0	3.0	3.0	1.0	1.5
LS04-05005	3.0	2.0	3.0	3.0	1.0	1.5
LS04-17002	3.0	3.0	2.0	3.0	2.5	1.5
LS04-27138	3.0	2.0	2.0	3.0	1.5	1.3
LS04-32045	3.0	2.0	3.0	4.0	2.0	2.0
LS04-39033	3.0	2.0	2.0	2.0	2.0	1.5

PRELIMINARY TEST IIIA, 2007

PROTEIN (%)

Strain	Mean	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Portageville	Dewitt NE	Hoytville OH	South
	8 Tests					(Loam) MO			Charleston OH
IA3023 (III)	33.3	34.5	31.6	32.7	33.1	33.2	32.9	34.0	34.5
IA3024	33.0	34.0	31.0	32.7	33.7	31.9	32.8	34.1	33.7
U98-311442 (SCN)	35.1	35.8	34.7	35.1	35.0	34.0	33.9	35.6	36.5
Macon (L)	34.5	35.7	33.8	35.3	35.6	33.5	32.1	34.4	35.7
A06-812020	34.5	35.6	34.9	34.6	34.0	33.7	33.7	33.7	35.8
A06-911002	35.3	34.7	35.2	34.9	35.2	34.5	35.4	35.6	36.8
A06-911015	34.2	35.2	32.6	34.2	34.7	34.1	34.1	33.0	35.7
A06-911034	34.6	36.1	33.3	34.1	34.5	32.9	34.3	34.6	36.7
A06-911044	33.2	34.8	31.0	32.9	33.4	32.9	33.1	33.0	34.4
A06-912002	35.7	36.5	35.0	35.7	35.6	35.4	35.3	36.2	36.0
A06-912003	35.6	36.1	35.2	35.3	35.1	35.7	35.1	35.6	36.4
A06-912004	35.3	36.4	34.8	34.7	35.3	35.6	34.6	35.0	36.2
A06-912006	34.0	34.8	32.7	33.3	34.1	33.9	33.9	34.9	34.5
A06-912012	34.5	35.8	33.4	33.0	35.2	32.0	34.6	35.3	36.2
A06-912030	35.6	36.7	34.7	37.2	35.6	34.6	34.6	35.6	35.8
A06-912033	35.0	35.9	34.0	35.4	35.2	34.5	34.6	33.8	36.3
A06-912036	33.9	33.9	33.7	33.6	33.3	33.7	32.5	34.8	35.4
A06-912037	33.5	34.8	33.0	32.8	33.1	32.6	32.6	34.3	34.7
A06-912043	35.4	35.8	35.0	35.1	34.6	34.9	35.1	34.9	37.8
LD04-13193	35.1	35.7	35.0	34.4	36.5	34.0	34.3	34.5	36.1
LD04-13209	34.0	34.9	32.9	33.2	35.1	32.5	33.5	33.9	36.3
LD04-13265	34.3	35.5	33.7	34.6	35.2	33.0	32.6	34.2	35.8
LD05-16378	34.6	35.7	34.5	34.2	34.1	34.7	33.9	35.1	34.3
LD05-16379	34.6	35.8	34.7	34.0	33.5	35.1	32.9	35.8	35.3
LD05-16386	34.6	35.8	34.2	33.5	35.0	34.3	32.9	35.3	35.5
LD05-16388	34.0	35.1	33.2	33.6	32.9	33.7	32.9	35.1	35.9
LD05-16413	33.3	35.1	32.5	32.7	33.4	33.6	31.7	34.6	33.2
LD05-16657	33.7	34.5	33.1	32.6	34.1	32.1	32.1	35.3	35.9
LD05-16808	34.6	35.5	33.8	34.1	35.4	33.3	34.8	35.2	35.1
LD05-16860	34.9	35.5	34.8	34.1	35.1	34.7	34.0	34.6	36.0
LD05-16874	35.2	35.6	34.5	35.0	35.8	33.6	35.1	35.5	36.2
LG04-3642	34.3	34.8	33.0	34.6	35.6	34.4	32.5	34.7	34.4
LG04-3765	33.1	33.8	32.8	33.4	33.3	34.0	31.1	32.4	34.3
LG04-4696	33.8	34.9	33.4	32.7	33.5	32.9	34.4	34.1	35.0
LG04-5988	34.0	34.8	33.9	33.9	33.8	35.0	32.5	33.3	34.5
LG04-6005	33.8	34.5	33.9	33.2	34.5	34.8	32.9	32.4	34.2
LS04-05002	34.9	36.1	35.8	33.9	34.4	34.5	33.8	34.4	36.1
LS04-05005	34.1	35.4	34.4	34.2	33.7	32.4	32.6	33.5	36.3
LS04-17002	34.4	35.0	33.7	34.1	35.5	33.8	33.2	35.5	34.3
LS04-27138	34.5	35.0	33.7	34.6	35.1	34.6	32.5	33.9	36.8
LS04-32045	34.4	37.0	33.7	33.9	34.5	33.0	33.5	35.0	34.8
LS04-39033	34.6	35.7	34.3	34.9	34.9	34.9	33.6	33.0	35.6

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

PRELIMINARY TEST IIIA, 2007

OIL (%)

Strain	Mean 8 Tests	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Portageville (Loam) MO	Dewitt NE	Hoytville OH	South Charleston OH
IA3023 (III)	18.6	17.7	18.1	19.7	18.4	20.0	18.6	17.9	18.2
IA3024	19.6	19.0	19.3	20.1	19.6	21.7	20.0	18.4	19.0
U98-311442 (SCN)	17.8	17.2	17.1	18.1	17.7	19.1	18.6	17.1	17.2
Macon (L)	18.4	17.7	17.2	18.8	17.4	20.5	19.6	17.5	18.7
A06-812020	18.1	17.9	17.2	18.1	18.2	18.6	18.8	18.1	17.9
A06-911002	17.6	17.7	16.8	18.2	17.7	18.5	17.8	16.5	17.7
A06-911015	18.2	18.2	18.0	18.4	18.6	18.9	18.6	17.9	17.4
A06-911034	18.3	18.2	17.5	19.1	18.2	20.0	18.0	17.4	17.9
A06-911044	18.7	17.8	18.3	19.0	18.4	19.9	19.1	18.2	18.8
A06-912002	18.2	17.9	17.3	18.6	18.0	19.7	18.6	17.8	17.6
A06-912003	17.3	16.8	16.5	17.9	17.3	18.2	17.8	16.9	17.1
A06-912004	17.9	17.6	17.4	18.8	17.3	18.4	18.6	17.8	17.5
A06-912006	18.6	18.3	17.8	19.2	18.5	20.3	18.9	17.6	18.6
A06-912012	18.7	17.7	18.5	20.1	18.5	20.9	18.5	17.8	17.8
A06-912030	17.8	17.3	17.4	18.3	17.6	18.7	18.2	17.1	17.5
A06-912033	18.0	17.5	17.4	17.7	18.2	19.4	18.2	17.7	17.8
A06-912036	17.8	18.3	16.4	18.2	18.0	18.5	18.6	16.8	17.6
A06-912037	18.6	18.2	17.7	19.3	18.6	19.7	18.8	17.5	18.6
A06-912043	17.8	17.5	16.8	18.6	17.6	19.6	18.3	17.2	17.0
LD04-13193	17.6	17.8	16.6	18.4	14.9	19.8	18.7	17.2	17.1
LD04-13209	19.5	18.9	18.9	20.4	18.8	21.8	19.9	18.3	19.0
LD04-13265	18.3	17.1	17.6	18.8	17.5	20.8	19.2	17.5	17.8
LD05-16378	18.6	18.1	16.9	19.6	19.2	19.5	19.3	17.7	18.8
LD05-16379	18.5	18.0	17.3	19.4	19.6	18.5	19.4	17.7	18.2
LD05-16386	19.0	18.4	17.7	20.1	19.0	20.2	20.2	18.3	18.2
LD05-16388	18.9	18.8	17.7	18.7	19.7	19.9	19.8	17.8	19.0
LD05-16413	19.2	18.8	18.2	19.5	19.5	19.7	20.4	18.2	19.7
LD05-16657	17.9	18.4	16.6	18.6	17.7	19.1	18.9	17.1	17.1
LD05-16808	18.3	18.1	17.2	18.8	18.1	20.4	17.9	17.9	17.9
LD05-16860	17.2	17.0	16.4	17.1	17.1	18.6	17.3	16.7	17.0
LD05-16874	17.0	16.8	16.0	17.1	16.5	18.6	17.4	16.8	16.8
LG04-3642	17.6	18.0	16.8	17.5	16.8	18.4	18.5	17.3	17.4
LG04-3765	17.2	16.8	16.6	17.9	17.3	17.5	18.1	16.7	16.8
LG04-4696	18.0	17.6	17.3	19.8	18.3	19.7	17.2	17.2	17.4
LG04-5988	17.4	17.2	16.6	17.6	16.9	18.0	18.5	17.1	17.6
LG04-6005	17.6	17.2	16.7	18.0	17.1	18.8	17.7	17.6	17.5
LS04-05002	18.0	17.1	16.6	18.4	18.6	19.8	18.1	17.6	17.9
LS04-05005	18.5	17.8	16.9	18.6	18.2	19.8	19.6	18.2	18.6
LS04-17002	18.1	18.0	17.8	18.7	17.0	18.1	19.4	17.0	18.7
LS04-27138	18.1	17.6	17.5	18.8	17.5	18.8	19.4	17.8	17.1
LS04-32045	17.8	17.6	17.1	18.7	17.5	19.2	17.9	16.9	17.6
LS04-39033	17.8	17.2	17.2	18.5	17.6	18.2	18.8	17.4	17.9

Preliminary Test IIIB, 2007

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	F5	
2.	IA3024	A97-553017 x Pioneer YB33A99		1% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	F5	SCN
4.	Macon (L)	Sherman x Resnik	F5	
5.	AR03-361091	IA1008 x LS90-1920	F4	SDS
6.	AR05-350008	IA1006 x AGP01-5	F4	BSR
7.	AR06-364039	LS98-0582 x S16-Y6	F4	SDS
8.	HS4-3004	Kottman x ORC 9808	F5	
9.	HS4-3225	Kottman x M92-191023	F5	
10.	HS4-3240	Kottman x M92-191023	F5	
11.	HS5-3340	Dilworth x C1981	F5	
12.	HS5-3358	Dilworth x HS99-4045	F5	
13.	HS5-3413	IA 3023 x HS99-4045	F5	
14.	HS5-3426	Kottman x Dilworth	F5	
15.	HS5-3432	Kottman x Dilworth	F5	
16.	HS5-3467	Kottman x Dilworth	F5	
17.	HS5-3479	Kottman x Dilworth	F5	
18.	HS5W-767	(U94-2306 x Apollo) x (Kottman x PI 274.456)	F5	
19.	HS5W-778	(U94-2306 x Apollo) x (Kottman x PI 274.456)	F5	
20.	CL00-177197		F8	Rps3-a + 1-k
21.	CL00-177198		F8	Rps3-a + 1-k
22.	CL03-1431		F4	
23.	CL04-1672		F4	
24.	CL04-11426		F3	Rps3-a
25.	CL04-122337		F3	Rps3-a
26.	CS133	N96-6809 x NE3001	F5	
27.	U04-200355	U00-429029 X HC97-545	F5	
28.	U04-200513	U00-429029 X HC97-545	F5	
29.	U04-200609	HC97-545 X U98-311442	F5	SCN possible
30.	U04-200625	HC97-545 X U98-311442	F5	SCN possible
31.	U04-300114	U00-429029 X HC97-545	F5	
32.	U04-300138	U00-429029 X HC 97-545	F5	
33.	U04-300343	HC97-545 X U98-311442	F5	SCN possible
34.	U04-410407	UP3PC2-56-2 X UP2PC2-12-10	F5	
35.	U04-701006	UP3YC2S2	S4	
36.	U04-701028	UP3YC2S2	S4	
37.	U04-909061	UP3YC2S2	S4	
38.	U04-910057	UP3YC2S2	S4	
39.	U04-929064	UP3YC2S2	S4	
40.	U04-934039	U97-201128 X U98-311442	F4	SCN possible
41.	V02-8657	Stressland x LG91-7350R		
42.	V02-8659	Stressland x LG91-7350R		
43.	V03-7779	Stressland x LG92-12		

PRELIMINARY TEST IIIB, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		FE
		Score	Score	Score	Lafayette		Laf.
		Humboldt IA	Lafayette IN	Ashland KS	Race 4	Race 7	a rx.
IA3023 (III)	WLtTDYBII	4.0	1.0	1.0	S	S	S
IA3024	PGTDYIbI	4.1	1.0	2.0	R*	R*	S
U98-311442 (SCN)	PGTDYIbI	3.9	2.0	1.0	S	S	S
Macon (L)	WTBDYBII	4.3	1.0	2.0	S	S	S
AR03-361091	PTBIYBrD	3.9	1.0	2.0	H*	R*	S
AR05-350008	PTBDYBII	3.3	1.0	2.0	S	R*	S
AR06-364039	WT+LtTDYBII	3.6	1.0	1.0	S	S	S
HS4-3004	WGB+TDYBfI	4.6	1.0	2.0	R*	R*	S
HS4-3225	PLtTDYBII	4.3	1.0	1.0	R*	R*	S
HS4-3240	P+WT+LtBDYBII	4.7	2.0	1.0	R*	R*	S
HS5-3340	P+WTBDYBII	4.3	1.0	1.0	R*	R*	S
HS5-3358	PT+LtTDYBII	3.9	2.0	1.0	R*	R*	S
HS5-3413	PLtTDYBII	4.5	1.0	1.0	R*	R*	S
HS5-3426	WTTDYBII	2.7	1.0	1.0	R*	R*	S
HS5-3432	WTTDYBII	4.8	1.0	2.0	R*	R*	S
HS5-3467	PTTDYBII	4.7	1.0	1.0	R*	S	-
HS5-3479	WLtTDYLbII	4.4	1.0	1.0	R*	R*	S
HS5W-767	PGBDYIbI	4.0	2.0	1.0	R*	R*	S
HS5W-778	PGBDYIbI	3.8	2.0	1.0	R*	R*	S
CL00-177197	PGBDYIYI	3.9	1.0	1.0	R	R	-
CL00-177198	PGBDYIYI	3.9	2.0	1.0	R	R	S
CL03-1431	WGBDYIYI	4.0	2.0	1.0	S	S	S
CL04-1672	WGBDYIYI	5.0	2.0	2.0	R*	S	S
CL04-11426	P+WGBDYIYI	3.4	3.0	1.0	R	S	S
CL04-122337	P+WLt+TBDYBII	3.8	2.0	1.0	R	S	S
CS133	WGBIYBfD	3.8	1.0	1.0	R*	S	S
U04-200355	WGTDYBfI	3.4	1.0	1.0	R*	R*	S
U04-200513	WGTIYYD	4.3	1.0	1.0	R*	R*	S
U04-200609	P+WGTIYBf+IbI	4.0	1.0	1.0	R*	R*	S
U04-200625	WGTIYBfI	4.8	1.0	2.0	S	R*	S
U04-300114	WGTDYBfD	4.1	1.0	2.0	R*	R*	-
U04-300138	WGTSYIYI	3.9	1.0	1.0	S	S	S
U04-300343	P+WTTIYBII	4.5	1.0	1.0	S	R*	S
U04-410407	PGB+TDYIbI	4.5	1.0	1.0	H*	R*	S
U04-701006	PTBDYBII	4.5	1.0	1.0	S	S	S
U04-701028	WTTDYBrI	3.8	1.0	1.0	S	S	S
U04-909061	PGBDYIbI	4.1	1.0	1.0	S	S	S
U04-910057	PGBDYIb+BfI	4.8	2.0	2.0	S	S	S
U04-929064	PGBDYIbI	4.4	1.0	2.0	S	S	S
U04-934039	PGTDYIbI	4.6	2.0	2.0	S	S	S
V02-8657	PTTTDYBII	5.0	4.0	1.0	R*	S	-
V02-8659	PTTTDYBII	4.5	3.0	1.0	R*	S	-
V03-7779	PTTTDYBII	4.4	3.0	2.0	R*	S	S

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

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

PRELIMINARY TEST IIIB, 2007

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 9 Score	Composition	
								Protein 8 %	Oil 8 %
IA3023 (III)	64.8	1	9/23	1.5	35	15.6	1.9	33.1	18.7
IA3024	59.4	3	-5.6	1.6	34	15.7	2.3	32.7	19.7
U98-311442 (SCN)	57.6	12	2.2	1.9	35	13.8	1.9	34.8	18.1
Macon (L)	58.6	8	0.5	1.7	36	16.2	2.0	34.6	18.2
AR03-361091	54.0	34	-5.6	1.6	27	13.4	2.2	35.6	17.2
AR05-350008	58.7	6	-5.0	1.9	36	12.9	1.8	32.9	18.1
AR06-364039	57.9	10	-1.9	1.8	36	14.5	1.9	35.1	18.0
HS4-3004	56.8	15	-2.4	1.6	36	14.2	2.1	35.8	17.7
HS4-3225	55.2	29	-0.4	2.0	40	15.2	2.4	34.4	17.8
HS4-3240	52.2	39	3.2	1.9	42	16.5	2.4	35.1	16.6
HS5-3340	54.1	33	4.2	2.1	42	16.5	2.3	35.4	17.3
HS5-3358	51.0	41	-5.6	2.0	39	15.1	2.1	36.2	17.8
HS5-3413	59.0	4	-4.1	1.7	33	16.0	2.4	34.2	18.4
HS5-3426	53.2	37	-5.7	1.5	34	14.7	1.8	35.3	18.5
HS5-3432	56.8	15	-4.0	1.7	37	15.0	1.9	36.8	17.6
HS5-3467	56.4	21	-5.8	1.5	34	14.0	1.9	36.1	18.0
HS5-3479	56.6	18	-0.9	1.8	40	14.7	2.0	35.1	18.0
HS5W-767	54.2	32	1.6	2.1	40	14.0	2.3	34.1	18.3
HS5W-778	54.8	30	1.9	2.0	41	14.5	2.3	34.2	18.1
CL00-177197	57.6	12	0.9	1.6	35	18.1	2.6	36.5	17.3
CL00-177198	59.0	4	3.9	1.7	37	17.1	2.4	37.2	16.8
CL03-1431	56.4	21	1.6	2.1	36	18.9	2.6	36.2	16.9
CL04-1672	60.5	2	-1.2	2.0	36	15.2	2.4	34.8	18.0
CL04-11426	54.0	34	4.2	1.5	34	18.6	2.3	37.4	16.8
CL04-122337	56.2	23	2.6	1.6	34	15.5	2.2	36.9	17.1
CS133	56.1	24	-5.7	1.3	24	16.9	2.3	33.8	18.6
U04-200355	57.7	11	-1.7	2.7	36	15.5	2.1	32.6	19.7
U04-200513	56.6	18	-1.7	1.3	27	17.0	2.1	32.5	19.3
U04-200609	54.3	31	-2.7	2.3	35	13.9	1.8	35.3	18.3
U04-200625	55.4	27	0.5	2.3	36	15.0	2.1	35.5	18.3
U04-300114	56.0	25	0.2	1.5	30	17.1	2.5	31.9	20.1
U04-300138	51.9	40	0.2	1.8	34	15.5	2.2	33.0	18.7
U04-300343	58.3	9	-2.1	1.8	37	15.7	2.0	35.0	17.8
U04-410407	57.6	12	0.6	1.6	37	14.0	2.0	34.1	17.6
U04-701006	51.0	41	-1.2	1.5	37	12.3	1.8	34.5	18.3
U04-701028	56.7	17	-0.5	1.9	39	13.9	1.8	34.6	18.7
U04-909061	56.6	18	-1.6	1.6	36	13.5	1.9	33.1	19.1
U04-910057	55.7	26	0.4	1.5	36	13.3	2.1	33.9	18.0
U04-929064	53.4	36	-3.2	1.7	38	14.1	1.9	34.4	18.1
U04-934039	58.7	6	0.9	1.8	38	15.1	2.6	35.8	18.2
V02-8657	52.9	38	6.1	2.5	44	13.3	2.2	37.1	17.6
V02-8659	50.3	43	6.9	2.4	43	13.6	2.1	36.7	17.6
V03-7779	55.3	28	2.9	2.1	38	14.1	2.1	36.4	18.1

130.5 Days After Planting

PRELIMINARY TEST IIIB, 2007

YIELD (bu/a)

Strain	Mean 10 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	64.8	44.4	70.5	62.3	52.8	64.1
IA3024	59.4	41.3	70.7	59.5	49.1	56.8
U98-311442 (SCN)	57.6	35.8	59.2	65.5	54.2	51.2
Macon (L)	58.6	33.7	63.0	60.1	53.4	56.6
AR03-361091	54.0	38.8	55.5	52.5	50.0	48.4
AR05-350008	58.7	43.0	55.8	60.4	53.3	56.8
AR06-364039	57.9	45.4	57.5	56.2	50.7	52.6
HS4-3004	56.8	37.9	59.6	52.5	52.0	55.1
HS4-3225	55.2	33.2	56.9	52.4	52.5	54.0
HS4-3240	52.2	29.6	52.8	52.2	48.2	51.3
HS5-3340	54.1	32.6	50.5	51.4	47.1	52.2
HS5-3358	51.0	32.7	48.1	53.2	45.8	49.2
HS5-3413	59.0	35.1	63.3	59.4	48.9	59.5
HS5-3426	53.2	38.9	54.9	55.9	44.8	48.2
HS5-3432	56.8	46.6	57.4	49.1	49.0	54.7
HS5-3467	56.4	35.3	56.1	51.7	48.9	56.8
HS5-3479	56.6	28.0	64.5	57.9	53.0	52.1
HS5W-767	54.2	39.0	49.1	52.6	53.1	51.9
HS5W-778	54.8	38.4	54.0	54.2	50.7	53.1
CL00-177197	57.6	43.1	53.7	61.9	46.5	52.2
CL00-177198	59.0	34.1	57.8	63.6	46.8	60.3
CL03-1431	56.4	33.4	54.2	53.6	55.9	52.0
CL04-1672	60.5	37.4	58.5	69.2	43.4	51.7
CL04-11426	54.0	35.3	56.0	55.1	44.8	48.0
CL04-122337	56.2	35.9	57.7	56.0	45.5	56.7
CS133	56.1	33.2	63.5	55.7	46.7	48.4
U04-200355	57.7	40.0	63.5	55.4	46.8	52.7
U04-200513	56.6	35.4	65.0	52.8	47.6	50.4
U04-200609	54.3	35.7	61.9	53.6	46.0	57.7
U04-200625	55.4	36.7	61.9	52.8	44.5	54.6
U04-300114	56.0	40.2	62.1	51.0	53.8	47.3
U04-300138	51.9	28.9	55.0	57.1	47.9	45.0
U04-300343	58.3	37.1	71.5	55.6	47.9	55.0
U04-410407	57.6	38.7	64.0	61.0	54.3	54.4
U04-701006	51.0	35.5	56.5	46.7	47.7	49.8
U04-701028	56.7	36.9	56.3	50.3	49.9	51.6
U04-909061	56.6	38.6	59.4	57.0	51.8	52.0
U04-910057	55.7	33.0	60.8	56.4	46.3	51.9
U04-929064	53.4	36.0	52.6	51.3	45.4	50.2
U04-934039	58.7	37.2	48.5	56.2	53.8	57.4
V02-8657	52.9	36.1	54.7	51.0	51.3	50.4
V02-8659	50.3	27.7	51.4	50.3	52.3	48.8
V03-7779	55.3	33.2	49.4	55.9	53.8	51.9
C.V. (%)		8.0	6.3	7.7	6.7	5.3
L.S.D. (5%)		5.9	7.3	7.2	6.6	5.7
Row Sp. (In.)		27	27	30	30	30
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST IIIB, 2007

YIELD (bu/a)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens* Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	60.7	78.8	64.0	68.5	82.5	68.3
IA3024	56.6	71.4	57.2	67.2	71.5	60.1
U98-311442 (SCN)	61.2	60.5	49.7	56.5	72.4	66.1
Macon (L)	56.2	68.9	56.4	69.2	82.5	55.7
AR03-361091	46.5	63.9	54.9	49.9	76.0	
AR05-350008	62.5	67.8	57.9	67.4	76.8	53.1
AR06-364039	66.2	62.0	57.1	53.7	76.9	54.2
HS4-3004	58.3	61.7	53.7	66.4	79.0	58.7
HS4-3225	67.5	63.6	43.0	52.5	75.6	53.8
HS4-3240	52.0	63.9	44.2	37.4	81.1	46.3
HS5-3340	60.4	68.1	44.5	60.0	84.5	49.3
HS5-3358	48.8	59.3	43.5	54.9	78.0	51.4
HS5-3413	57.2	68.7	59.4	73.1	81.0	57.1
HS5-3426	48.6	65.3	43.2	54.7	76.8	55.7
HS5-3432	59.9	64.5	51.7	51.7	77.7	57.2
HS5-3467	57.0	67.2	55.0	60.1	76.2	59.8
HS5-3479	57.9	68.2	55.8	60.7	75.2	53.8
HS5W-767	54.3	62.1	45.6	56.1	76.2	57.9
HS5W-778	57.8	61.9	47.2	57.0	74.8	56.4
CL00-177197	57.9	65.8	50.9	54.8	82.4	61.6
CL00-177198	61.6	70.7	50.2	62.7	83.6	61.0
CL03-1431	62.0	60.6	51.9	63.5	83.9	56.3
CL04-1672	65.5	69.8	61.1	70.9	83.9	65.0
CL04-11426	48.9	62.7	53.0	39.5	72.5	63.3
CL04-122337	49.3	66.7	50.0	62.7	87.9	56.3
CS133	48.8	67.5	51.3	62.8	75.1	71.3
U04-200355	60.8	72.3	50.3	70.1	74.6	60.7
U04-200513	54.9	66.8	54.4	42.4	80.7	57.7
U04-200609	46.6	69.8	48.5	57.7	69.4	54.3
U04-200625	54.3	68.8	60.7	70.6	69.9	49.5
U04-300114	48.7	73.7	52.8	64.2	73.8	56.4
U04-300138	51.0	62.3	41.2	68.4	68.2	62.8
U04-300343	59.2	68.3	56.3	60.8	68.9	63.4
U04-410407	64.5	63.1	45.8	70.6	71.8	58.0
U04-701006	48.6	65.7	41.0	64.0	72.0	46.8
U04-701028	63.0	63.4	57.7	58.5	79.9	57.6
U04-909061	51.0	63.5	53.5	66.3	81.4	58.1
U04-910057	52.4	65.2	53.4	72.9	80.0	57.6
U04-929064	51.8	65.8	54.5	69.1	76.4	50.1
U04-934039	68.4	65.8	52.8	57.1	80.4	66.7
V02-8657	53.5	65.4	44.2	64.8	68.7	53.7
V02-8659	40.4	58.3	37.1	54.1	75.1	61.6
V03-7779	69.0	65.3	46.2	63.1	71.7	56.2
C.V. (%)	9.8	6.8	9.3	15.3	6.7	9.2
L.S.D. (5%)	11.1	11.2	11.9	22.9	10.4	10.6
Row Sp. (In.)	30	30	30	30	7.5	15
Rows/Plot	4	4	4	4	8	6
Reps	2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST IIIB, 2007

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	1	3	3	4	11	1
IA3024	3	6	2	9	21	6
U98-311442 (SCN)	12	24	17	2	3	31
Macon (L)	8	32	10	8	7	10
AR03-361091	34	11	29	31	19	38
AR05-350008	6	5	28	7	8	6
AR06-364039	10	2	21	15	17	19
HS4-3004	15	15	15	31	14	11
HS4-3225	29	34	23	33	12	16
HS4-3240	39	40	36	34	25	30
HS5-3340	33	39	39	36	30	20
HS5-3358	41	38	43	27	37	36
HS5-3413	4	30	9	10	23	3
HS5-3426	37	10	31	18	40	40
HS5-3432	15	1	22	42	22	13
HS5-3467	21	28	26	35	23	6
HS5-3479	18	42	5	11	10	22
HS5W-767	32	9	41	30	9	25
HS5W-778	30	14	34	24	17	17
CL00-177197	12	4	35	5	34	20
CL00-177198	4	31	19	3	31	2
CL03-1431	21	33	33	25	1	23
CL04-1672	2	16	18	1	43	28
CL04-11426	34	28	27	23	40	41
CL04-122337	23	23	20	17	38	9
CS133	24	34	7	20	33	38
U04-200355	11	8	7	22	31	18
U04-200513	18	27	4	28	29	32
U04-200609	31	25	12	25	36	4
U04-200625	27	20	12	28	42	14
U04-300114	25	7	11	38	4	42
U04-300138	40	41	30	12	26	43
U04-300343	9	18	1	21	26	12
U04-410407	12	12	6	6	2	15
U04-701006	41	26	24	43	28	35
U04-701028	17	19	25	40	20	29
U04-909061	18	13	16	13	15	23
U04-910057	26	37	14	14	35	25
U04-929064	36	22	37	37	39	34
U04-934039	6	17	42	16	4	5
V02-8657	38	21	32	38	16	32
V02-8659	43	43	38	41	13	37
V03-7779	28	34	40	18	4	25

PRELIMINARY TEST IIIB, 2007

YIELD RANK

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	13	1	1	9	7	2
IA3024	23	4	7	12	38	13
U98-311442 (SCN)	11	41	29	31	34	4
Macon (L)	24	8	9	7	6	29
AR03-361091	42	28	13	40	25	
AR05-350008	8	14	5	11	20	36
AR06-364039	4	37	8	37	19	32
HS4-3004	17	39	16	13	16	15
HS4-3225	3	30	40	38	26	33
HS4-3240	30	28	36	43	10	42
HS5-3340	14	13	35	26	2	40
HS5-3358	36	42	38	33	17	37
HS5-3413	21	10	4	1	11	23
HS5-3426	39	24	39	35	21	29
HS5-3432	15	27	23	39	18	22
HS5-3467	22	16	12	25	24	14
HS5-3479	18	12	11	24	27	33
HS5W-767	26	36	34	32	23	18
HS5W-778	20	38	31	30	30	24
CL00-177197	18	20	25	34	8	9
CL00-177198	10	5	27	21	5	11
CL03-1431	9	40	22	18	3	26
CL04-1672	5	6	2	3	4	5
CL04-11426	35	34	19	42	33	7
CL04-122337	34	18	28	21	1	26
CS133	36	15	24	20	29	1
U04-200355	12	3	26	6	31	12
U04-200513	25	17	15	41	12	19
U04-200609	41	6	30	28	40	31
U04-200625	26	9	3	4	39	39
U04-300114	38	2	20	16	32	24
U04-300138	32	35	41	10	43	8
U04-300343	16	11	10	23	41	6
U04-410407	6	33	33	4	36	17
U04-701006	39	22	42	17	35	41
U04-701028	7	32	6	27	15	20
U04-909061	32	31	17	14	9	16
U04-910057	29	26	18	2	14	20
U04-929064	31	20	14	8	22	38
U04-934039	2	20	20	29	13	3
V02-8657	28	23	36	15	42	35
V02-8659	43	43	43	36	28	9
V03-7779	1	24	32	19	37	28

PRELIMINARY TEST IIIB, 2007

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	9/23	9/24	9/29	9/9	9/22	10/2
IA3024	-5.6	-9	-5	0	-7	-3
U98-311442 (SCN)	2.2	2	0	7	5	0
Macon (L)	0.5	-1	-1	4	1	2
AR03-361091	-5.6	-4	-6	4	1	-9
AR05-350008	-5.0	-3	-6	1	-4	-6
AR06-364039	-1.9	1	-1	0	-2	-1
HS4-3004	-2.4	-1	-1	1	-3	-2
HS4-3225	-0.4	-1	-1	3	-3	2
HS4-3240	3.2	3	1	7	3	2
HS5-3340	4.2	3	2	8	3	4
HS5-3358	-5.6	-5	-4	-2	-3	-6
HS5-3413	-4.1	-3	-2	-3	-4	1
HS5-3426	-5.7	-4	-4	-1	-7	-5
HS5-3432	-4.0	-3	-4	-3	-5	-2
HS5-3467	-5.8	-3	-5	-3	-8	-7
HS5-3479	-0.9	0	-1	3	-3	0
HS5W-767	1.6	1	1	-1	1	0
HS5W-778	1.9	3	-1	4	0	1
CL00-177197	0.9	2	1	1	0	2
CL00-177198	3.9	2	4	8	2	2
CL03-1431	1.6	3	1	4	2	-1
CL04-1672	-1.2	0	-2	4	-1	-3
CL04-11426	4.2	4	5	10	3	2
CL04-122337	2.6	5	3	8	1	1
CS133	-5.7	-8	-5	-2	-4	-7
U04-200355	-1.7	0	-3	4	-2	-3
U04-200513	-1.7	-2	-2	-1	-2	-4
U04-200609	-2.7	-3	-2	3	-4	-0
U04-200625	0.5	3	-1	2	0	0
U04-300114	0.2	0	-3	3	0	-3
U04-300138	0.2	-2	-2	4	-1	-1
U04-300343	-2.1	-3	-2	-1	-8	0
U04-410407	0.6	-1	-2	5	-1	1
U04-701006	-1.2	-2	-3	0	-3	-1
U04-701028	-0.5	-1	0	2	-2	3
U04-909061	-1.6	-3	-2	0	-4	1
U04-910057	0.4	2	-1	3	0	-1
U04-929064	-3.2	0	-3	-2	-6	-2
U04-934039	0.9	1	-1	7	-1	1
V02-8657	6.1	8	5	13	5	1
V02-8659	6.9	9	5	14	6	-1
V03-7779	2.9	5	0	8	1	-0
Date Planted	5/16	5/12	5/18	5/7	5/7	6/4
Days to Mature	131	135	134	125	138	120

PRELIMINARY TEST IIIB, 2007

MATURITY (date)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	8/29		10/5	10/5	9/26	9/27
IA3024	-12		-8	-3	-5	-5
U98-311442 (SCN)	0		-1	0	8	2
Macon (L)	4		0	2	-1	-5
AR03-361091	-18		-10	-10	2	
AR05-350008	-11		-8	-3	-4	-7
AR06-364039	-11		-4	-1	4	-4
HS4-3004	-12		-4	-1	1	-2
HS4-3225	0		-4	0	3	-3
HS4-3240	2		0	3	8	3
HS5-3340	8		1	3	8	3
HS5-3358	-10		-8	-7	-3	-8
HS5-3413	-13		-4	-5	-2	-6
HS5-3426	-12		-10	-5	-1	-9
HS5-3432	-11		-4	-3	-2	-3
HS5-3467	-13		-7	-1	-3	-9
HS5-3479	-10		-2	-3	6	0
HS5W-767	4		0	3	8	-1
HS5W-778	3		0	3	7	-2
CL00-177197	1		0	2	3	-3
CL00-177198	9		-1	5	8	0
CL03-1431	2		-1	0	7	-0
CL04-1672	-11		-1	-1	2	1
CL04-11426	8		1	3	5	0
CL04-122337	2		0	0	6	0
CS133	-12		-7	-8	-2	-3
U04-200355	-11		-1	-3	2	-0
U04-200513	-1		-3	-1	0	-3
U04-200609	-9		-1	-3	-4	-4
U04-200625	1		-1	-1	2	-1
U04-300114	0		-1	-3	5	3
U04-300138	1		-2	-3	7	0
U04-300343	0		1	-1	-2	-6
U04-410407	3		-1	0	2	-1
U04-701006	-1		0	-1	5	-6
U04-701028	-9		1	-1	3	-1
U04-909061	-2		-2	0	0	-4
U04-910057	-2		-1	2	5	-3
U04-929064	-11		-3	0	0	-5
U04-934039	0		-2	-1	7	-1
V02-8657	7		1	2	11	9
V02-8659	9		1	3	12	11
V03-7779	0		1	0	7	8
Date Planted	5/7	5/21	5/30	5/29	5/9	5/3
Days to Mature	114		128	129	140	147

PRELIMINARY TEST IIIB, 2007

LODGING (score)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	1.5	1.3	3.8	2.0	1.0	1.0
IA3024	1.6	1.0	4.3	2.0	1.0	1.0
U98-311442 (SCN)	1.9	1.0	4.0	2.5	1.0	1.5
Macon (L)	1.7	1.0	4.0	2.5	1.0	1.0
AR03-361091	1.6	1.3	3.5	2.0	1.0	1.0
AR05-350008	1.9	1.3	4.3	2.8	1.0	1.5
AR06-364039	1.8	1.3	4.0	2.5	1.0	1.0
HS4-3004	1.6	1.0	4.0	2.0	1.0	1.0
HS4-3225	2.0	1.3	4.5	2.8	1.0	1.0
HS4-3240	1.9	1.0	4.3	2.8	1.0	1.0
HS5-3340	2.1	1.0	4.3	2.8	1.0	1.0
HS5-3358	2.0	1.0	4.0	2.8	1.0	1.0
HS5-3413	1.7	1.3	4.3	2.5	1.3	1.0
HS5-3426	1.5	1.0	4.0	1.8	1.0	1.0
HS5-3432	1.7	1.0	3.3	1.8	1.0	1.0
HS5-3467	1.5	1.0	3.8	2.3	1.0	1.0
HS5-3479	1.8	1.0	4.0	2.3	1.0	1.5
HS5W-767	2.1	1.3	4.3	2.3	1.0	1.5
HS5W-778	2.0	1.3	4.5	2.5	1.0	1.0
CL00-177197	1.6	1.0	4.0	2.3	1.0	1.0
CL00-177198	1.7	1.0	4.0	2.5	1.0	1.0
CL03-1431	2.1	1.3	4.0	2.8	1.0	1.0
CL04-1672	2.0	1.3	4.0	2.8	1.0	1.0
CL04-11426	1.5	1.0	3.8	1.8	1.0	1.0
CL04-122337	1.6	1.0	4.0	2.5	1.0	1.0
CS133	1.3	1.0	3.5	1.3	1.0	1.0
U04-200355	2.7	1.8	4.8	4.0	1.3	2.5
U04-200513	1.3	1.0	3.5	1.3	1.0	1.0
U04-200609	2.3	1.3	4.8	3.0	1.3	2.0
U04-200625	2.3	1.8	4.8	3.3	1.5	1.5
U04-300114	1.5	1.3	3.5	2.0	1.0	1.0
U04-300138	1.8	1.0	4.3	2.3	1.0	1.0
U04-300343	1.8	1.3	4.5	2.8	1.0	1.5
U04-410407	1.6	1.0	4.0	2.3	1.0	1.0
U04-701006	1.5	1.0	4.0	1.8	1.0	1.0
U04-701028	1.9	1.5	4.0	2.5	1.0	1.0
U04-909061	1.6	1.0	4.0	1.8	1.0	1.0
U04-910057	1.5	1.0	4.0	2.0	1.0	1.0
U04-929064	1.7	1.0	4.3	1.8	1.0	1.5
U04-934039	1.8	1.0	4.3	2.3	1.0	1.0
V02-8657	2.5	1.3	4.5	2.5	1.5	2.0
V02-8659	2.4	1.8	4.5	2.5	1.3	1.0
V03-7779	2.1	1.5	4.0	2.8	1.0	1.0

PRELIMINARY TEST IIIB, 2007

LODGING (score)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	1.0			1.0	1.4	1.4
IA3024	1.0			1.0	1.3	1.5
U98-311442 (SCN)	2.0			1.0	2.2	1.8
Macon (L)	2.0			1.0	1.3	1.6
AR03-361091	1.0			1.0	1.9	
AR05-350008	2.0			1.0	1.5	1.4
AR06-364039	2.0			1.0	1.9	1.8
HS4-3004	1.0			1.0	1.4	1.6
HS4-3225	2.0			1.0	1.8	2.4
HS4-3240	1.0			1.0	2.2	2.8
HS5-3340	3.0			1.0	2.6	2.0
HS5-3358	3.0			1.0	1.9	2.1
HS5-3413	1.0			1.0	1.3	1.5
HS5-3426	1.0			1.0	1.6	1.0
HS5-3432	3.0			1.0	1.4	1.5
HS5-3467	1.0			1.0	1.4	1.5
HS5-3479	2.0			1.0	1.8	1.4
HS5W-767	2.0			1.0	2.5	3.5
HS5W-778	2.0			1.0	2.4	2.6
CL00-177197	1.0			1.0	1.4	1.9
CL00-177198	2.0			1.0	1.9	1.3
CL03-1431	3.0			1.0	2.9	2.2
CL04-1672	2.0			1.0	2.0	3.1
CL04-11426	1.0			1.0	1.6	1.0
CL04-122337	1.0			1.0	1.7	1.1
CS133	1.0			1.0	1.3	1.0
U04-200355	2.0			2.0	2.1	3.5
U04-200513	1.0			1.0	1.4	0.9
U04-200609	3.0			1.5	1.4	2.8
U04-200625	2.0			1.5	2.4	1.8
U04-300114	1.0			1.0	1.9	1.1
U04-300138	1.0			1.0	2.3	2.1
U04-300343	0.0			1.0	1.5	2.9
U04-410407	2.0			1.0	1.4	1.0
U04-701006	1.0			1.0	1.9	1.0
U04-701028	2.0			1.0	1.6	2.2
U04-909061	1.0			1.0	1.4	2.3
U04-910057	1.0			1.0	1.6	1.2
U04-929064	2.0			1.0	1.6	1.1
U04-934039	2.0			1.0	2.0	1.7
V02-8657	2.0			1.5	3.1	4.5
V02-8659	2.0			1.0	3.2	3.9
V03-7779	2.0			1.0	2.3	3.5

PRELIMINARY TEST IIIB, 2007

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	35	32	42	37	33	35
IA3024	34	32	39	39	33	36
U98-311442 (SCN)	35	33	42	39	36	36
Macon (L)	36	29	43	42	37	37
AR03-361091	27	30	33	31	27	25
AR05-350008	36	32	41	39	36	36
AR06-364039	36	35	42	41	37	36
HS4-3004	36	33	45	40	36	36
HS4-3225	40	37	46	44	42	38
HS4-3240	42	37	49	45	42	42
HS5-3340	42	39	46	44	42	43
HS5-3358	39	34	46	41	40	37
HS5-3413	33	31	39	39	32	34
HS5-3426	34	35	41	39	33	35
HS5-3432	37	33	41	40	38	38
HS5-3467	34	34	40	39	35	33
HS5-3479	40	36	48	46	42	39
HS5W-767	40	34	46	43	40	39
HS5W-778	41	40	47	43	40	41
CL00-177197	35	35	41	39	35	34
CL00-177198	37	30	42	42	37	38
CL03-1431	36	34	41	41	37	37
CL04-1672	36	32	42	41	36	33
CL04-11426	34	32	38	38	33	36
CL04-122337	34	31	41	38	33	36
CS133	24	23	27	26	26	22
U04-200355	36	34	41	38	34	36
U04-200513	27	27	32	28	28	25
U04-200609	35	37	41	37	35	39
U04-200625	36	38	41	41	35	38
U04-300114	30	28	34	33	31	29
U04-300138	34	31	37	37	35	34
U04-300343	37	37	44	42	34	38
U04-410407	37	29	43	42	36	39
U04-701006	37	33	40	40	35	39
U04-701028	39	37	42	41	36	36
U04-909061	36	32	40	40	33	38
U04-910057	36	31	42	41	34	40
U04-929064	38	33	42	42	38	42
U04-934039	38	38	44	43	40	39
V02-8657	44	43	50	47	44	43
V02-8659	43	40	42	46	42	42
V03-7779	38	37	45	42	39	34

PRELIMINARY TEST IIIB, 2007

PLANT HEIGHT (inches)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	29			36	31	37
IA3024	27			34	27	36
U98-311442 (SCN)	23			36	35	35
Macon (L)	32			37	32	34
AR03-361091	17			26	31	
AR05-350008	29			38	34	37
AR06-364039	29			38	35	34
HS4-3004	27			38	33	36
HS4-3225	35			39	33	46
HS4-3240	34			46	43	45
HS5-3340	36			46	43	43
HS5-3358	31			39	37	42
HS5-3413	30			34	30	32
HS5-3426	24			36	33	32
HS5-3432	33			37	33	36
HS5-3467	21			40	30	37
HS5-3479	35			43	35	41
HS5W-767	35			43	38	38
HS5W-778	32			44	40	38
CL00-177197	23			37	35	38
CL00-177198	31			39	35	35
CL03-1431	22			38	37	37
CL04-1672	26			37	34	39
CL04-11426	32			34	31	36
CL04-122337	25			37	31	34
CS133	13			25	28	26
U04-200355	29			39	33	38
U04-200513	22			26	30	27
U04-200609	24			39	33	34
U04-200625	28			41	32	34
U04-300114	20			32	33	31
U04-300138	24			38	36	35
U04-300343	28			39	31	38
U04-410407	31			40	36	34
U04-701006	30			39	40	35
U04-701028	38			42	38	39
U04-909061	29			39	34	36
U04-910057	26			38	35	34
U04-929064	28			43	36	36
U04-934039	27			37	39	39
V02-8657	34			46	43	48
V02-8659	39			44	42	46
V03-7779	27			38	37	41

PRELIMINARY TEST IIIB, 2007

SEED SIZE (g/100)

Strain	Mean 11 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	15.6	13.4	17.2	15.3	16.7	15.4
IA3024	15.7	14.7	17.0	15.2	16.0	16.5
U98-311442 (SCN)	13.8	12.4	14.7	12.8	16.0	12.9
Macon (L)	16.2	14.9	17.8	16.1	17.1	15.3
AR03-361091	13.4	11.7	13.9	12.0	15.3	14.1
AR05-350008	12.9	11.6	13.5	12.0	13.4	12.6
AR06-364039	14.5	13.5	15.3	12.8	15.4	14.6
HS4-3004	14.2	12.2	15.4	13.5	14.1	15.8
HS4-3225	15.2	13.6	15.7	16.3	16.9	15.2
HS4-3240	16.5	15.1	17.1	15.6	19.7	15.2
HS5-3340	16.5	14.8	16.6	16.6	19.6	16.5
HS5-3358	15.1	13.9	15.6	14.3	15.7	16.0
HS5-3413	16.0	14.2	17.5	15.3	16.8	16.6
HS5-3426	14.7	14.1	15.8	14.5	16.0	13.6
HS5-3432	15.0	13.8	16.1	14.3	16.5	16.0
HS5-3467	14.0	13.3	15.1	13.1	15.7	14.2
HS5-3479	14.7	14.0	16.0	14.3	16.3	14.4
HS5W-767	14.0	12.2	14.7	12.9	17.3	14.0
HS5W-778	14.5	12.6	15.1	13.5	17.2	14.5
CL00-177197	18.1	16.1	18.6	17.6	20.8	17.6
CL00-177198	17.1	15.5	18.2	16.0	18.6	17.3
CL03-1431	18.9	17.7	19.0	17.9	23.7	18.0
CL04-1672	15.2	14.2	16.1	14.5	16.8	14.9
CL04-11426	18.6	16.7	19.8	17.5	20.7	19.3
CL04-122337	15.5	14.7	16.1	14.1	18.4	15.5
CS133	16.9	14.3	18.3	16.7	18.9	16.7
U04-200355	15.5	14.6	17.3	13.9	16.7	15.8
U04-200513	17.0	14.5	18.8	16.4	17.2	18.0
U04-200609	13.9	12.3	15.6	13.6	15.3	14.5
U04-200625	15.0	13.6	16.0	13.4	15.7	16.0
U04-300114	17.1	14.8	18.6	16.5	19.0	17.4
U04-300138	15.5	13.5	16.9	15.6	16.8	15.7
U04-300343	15.7	14.8	17.9	14.7	16.0	16.2
U04-410407	14.0	12.7	15.0	12.8	14.8	14.7
U04-701006	12.3	11.4	12.7	11.4	14.6	11.7
U04-701028	13.9	12.8	14.9	12.5	15.1	13.8
U04-909061	13.5	12.0	15.2	12.6	15.5	13.2
U04-910057	13.3	12.0	13.9	14.1	15.4	13.3
U04-929064	14.1	12.8	14.4	13.7	15.2	14.0
U04-934039	15.1	13.2	15.3	13.4	16.5	14.6
V02-8657	13.3	13.1	14.1	11.6	15.3	13.5
V02-8659	13.6	13.4	13.7	12.1	14.7	13.9
V03-7779	14.1	12.8	14.9	13.0	16.0	15.1

PRELIMINARY TEST IIIB, 2007

SEED SIZE (g/100)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Stevens Creek NE	Hoytville OH	South Charleston OH
IA3023 (III)	14.2	14.9	16.2	15.5	16.1	16.8
IA3024	12.9	15.5	16.2	16.6	16.4	16.0
U98-311442 (SCN)	12.3	12.4	14.4	14.9	12.9	15.7
Macon (L)	12.8	14.9	17.7	17.3	16.4	17.9
AR03-361091	13.0	14.5	13.4	13.2	12.5	
AR05-350008	11.7	12.4	14.6	13.7	13.2	13.8
AR06-364039	12.9	13.5	15.7	15.6	14.8	15.0
HS4-3004	11.9	13.8	15.4	14.4	14.4	15.6
HS4-3225	13.5	13.7	14.0	15.9	16.7	16.1
HS4-3240	13.5	15.6	16.3	16.4	18.3	18.8
HS5-3340	14.0	14.6	16.2	16.5	17.2	19.2
HS5-3358	13.4	14.3	16.0	14.8	15.0	17.3
HS5-3413	13.6	14.9	17.4	15.6	17.0	17.3
HS5-3426	13.1	14.1	14.7	14.2	14.8	17.2
HS5-3432	12.6	13.9	15.5	14.4	15.1	16.8
HS5-3467	11.8	13.9	14.2	13.9	13.6	15.4
HS5-3479	11.8	14.2	15.6	14.3	14.3	16.9
HS5W-767	10.8	14.0	14.8	14.0	14.0	15.0
HS5W-778	13.5	13.6	15.0	14.5	14.1	15.5
CL00-177197	15.5	17.3	18.5	17.7	18.7	20.9
CL00-177198	14.4	16.9	17.4	17.6	17.2	19.2
CL03-1431	13.3	16.9	20.0	18.9	19.7	22.9
CL04-1672	14.1	13.5	16.1	15.7	14.4	17.1
CL04-11426	14.8	18.0	19.4	17.5	18.2	22.4
CL04-122337	13.2	14.9	15.3	15.6	15.3	17.0
CS133	13.3	17.1	17.1	18.0	16.0	20.0
U04-200355	12.4	15.1	16.0	16.7	14.2	17.7
U04-200513	14.2	15.7	17.8	18.5	16.0	19.5
U04-200609	10.1	14.2	14.8	14.7	13.3	14.7
U04-200625	12.4	14.8	17.1	15.9	12.9	17.1
U04-300114	13.5	16.9	17.4	18.4	16.2	19.5
U04-300138	12.5	15.9	15.4	16.3	14.5	17.7
U04-300343	13.0	15.8	16.1	15.5	15.3	17.1
U04-410407	13.0	13.9	14.2	14.8	12.9	15.3
U04-701006	10.5	11.9	13.3	12.8	12.2	13.4
U04-701028	10.8	13.2	15.6	14.9	13.9	15.7
U04-909061	10.6	13.1	13.8	14.1	13.3	14.7
U04-910057	11.9	12.6	13.2	14.2	12.2	13.9
U04-929064	12.3	13.8	15.1	15.0	13.8	15.4
U04-934039	12.7	14.4	17.6	17.2	14.5	17.2
V02-8657	10.6	12.4	13.4	13.3	14.0	15.3
V02-8659	11.4	12.8	13.5	13.8	15.0	15.2
V03-7779	12.5	13.6	14.0	15.0	13.2	15.2

PRELIMINARY TEST IIIB, 2007

SEED QUALITY (score)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS
IA3023 (III)	1.9			2.0	1.5	2.0
IA3024	2.3			2.0	1.5	2.0
U98-311442 (SCN)	1.9			1.0	2.0	2.0
Macon (L)	2.0			1.0	1.5	2.0
AR03-361091	2.2			2.0	1.5	2.0
AR05-350008	1.8			1.0	1.0	2.0
AR06-364039	1.9			2.0	1.0	2.0
HS4-3004	2.1			2.0	1.0	2.0
HS4-3225	2.4			3.0	1.5	2.0
HS4-3240	2.4			2.0	2.0	2.0
HS5-3340	2.3			2.0	2.0	2.0
HS5-3358	2.1			2.0	1.5	2.0
HS5-3413	2.4			2.0	1.0	3.0
HS5-3426	1.8			2.0	1.0	2.0
HS5-3432	1.9			1.0	1.0	2.0
HS5-3467	1.9			1.0	1.0	2.0
HS5-3479	2.0			2.0	1.0	2.0
HS5W-767	2.3			2.0	1.5	2.0
HS5W-778	2.3			2.0	1.5	3.0
CL00-177197	2.6			2.0	1.5	3.0
CL00-177198	2.4			1.0	1.5	2.0
CL03-1431	2.6			2.0	1.5	3.0
CL04-1672	2.4			2.0	2.0	2.0
CL04-11426	2.3			2.0	1.5	3.0
CL04-122337	2.2			2.0	1.5	2.0
CS133	2.3			2.0	2.0	2.0
U04-200355	2.1			2.0	1.0	2.0
U04-200513	2.1			2.0	2.0	2.0
U04-200609	1.8			1.0	1.0	2.0
U04-200625	2.1			2.0	1.0	2.0
U04-300114	2.5			2.0	1.5	3.0
U04-300138	2.2			2.0	1.5	4.0
U04-300343	2.0			2.0	1.5	2.0
U04-410407	2.0			2.0	1.5	2.0
U04-701006	1.8			1.0	1.5	2.0
U04-701028	1.8			1.0	1.0	2.0
U04-909061	1.9			1.0	1.5	2.0
U04-910057	2.1			1.0	1.5	2.0
U04-929064	1.9			1.0	1.5	2.0
U04-934039	2.6			2.0	1.5	3.0
V02-8657	2.2			2.0	1.5	2.0
V02-8659	2.1			2.0	1.5	2.0
V03-7779	2.1			2.0	1.5	2.0

PRELIMINARY TEST IIIB, 2007

SEED QUALITY (score)

Strain	Portageville (Loam) MO	Dewitt NE	North Bend NE	Dewitt NE	Hoytville OH	South Charleston OH
IA3023 (III)	3.0	2.0	2.0	2.0	1.5	1.0
IA3024	3.0	2.0	3.0	3.0	2.0	1.8
U98-311442 (SCN)	2.0	2.0	2.0	3.0	1.5	1.3
Macon (L)	3.0	3.0	2.0	2.0	2.0	1.3
AR03-361091	3.0	2.0	3.0	2.0	2.0	
AR05-350008	3.0	2.0	3.0	2.0	1.5	1.0
AR06-364039	3.0	2.0	2.0	2.0	1.5	1.3
HS4-3004	3.0	2.0	3.0	3.0	1.5	1.3
HS4-3225	3.0	3.0	3.0	2.0	2.5	1.8
HS4-3240	4.0	3.0	3.0	2.0	1.5	2.0
HS5-3340	3.0	2.0	3.0	3.0	1.5	2.3
HS5-3358	3.0	2.0	3.0	2.0	1.5	1.5
HS5-3413	3.0	3.0	3.0	3.0	2.5	1.3
HS5-3426	3.0	2.0	2.0	2.0	1.0	1.0
HS5-3432	3.0	2.0	2.0	3.0	1.5	1.5
HS5-3467	3.0	2.0	2.0	3.0	1.5	1.3
HS5-3479	3.0	2.0	2.0	2.0	1.5	2.3
HS5W-767	3.0	3.0	3.0	3.0	1.5	1.8
HS5W-778	3.0	2.0	3.0	3.0	1.5	1.5
CL00-177197	5.0	3.0	3.0	3.0	2.5	1.5
CL00-177198	4.0	3.0	3.0	3.0	3.0	1.3
CL03-1431	4.0	3.0	3.0	3.0	2.0	2.0
CL04-1672	4.0	2.0	3.0	2.0	2.0	2.3
CL04-11426	3.0	2.0	3.0	3.0	1.5	1.5
CL04-122337	3.0	2.0	3.0	3.0	1.5	1.5
CS133	3.0	2.0	3.0	2.0	3.0	1.5
U04-200355	3.0	2.0	2.0	3.0	2.0	1.8
U04-200513	3.0	2.0	3.0	2.0	1.5	1.8
U04-200609	3.0	3.0	2.0	2.0	1.5	1.0
U04-200625	3.0	2.0	3.0	2.0	2.0	2.3
U04-300114	4.0	3.0	3.0	2.0	1.5	2.5
U04-300138	3.0	2.0	2.0	2.0	1.5	1.8
U04-300343	3.0	2.0	3.0	2.0	1.5	1.3
U04-410407	3.0	2.0	2.0	2.0	2.0	1.5
U04-701006	3.0	1.0	2.0	2.0	2.5	1.5
U04-701028	3.0	2.0	2.0	2.0	1.5	1.3
U04-909061	3.0	2.0	2.0	3.0	1.5	1.3
U04-910057	3.0	2.0	3.0	3.0	2.0	1.3
U04-929064	3.0	2.0	2.0	3.0	1.5	1.5
U04-934039	3.0	3.0	3.0	3.0	3.0	1.5
V02-8657	4.0	2.0	2.0	3.0	2.0	1.3
V02-8659	4.0	2.0	2.0	2.0	1.5	1.5
V03-7779	3.0	2.0	3.0	2.0	1.5	1.8

PRELIMINARY TEST IIIB, 2007

PROTEIN (%)

Strain	Mean 8 Tests	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Portageville		Dewitt NE	Hoytville OH	South Charleston OH
						(Loam) MO				
IA3023 (III)	33.1	33.6	31.8	32.9	34.3	32.7	32.4	34.0	-	
IA3024	32.7	34.5	30.9	32.0	33.3	30.9	33.6	34.0	-	
U98-311442 (SCN)	34.8	35.5	35.0	35.3	34.3	33.2	34.9	35.5	-	
Macon (L)	34.6	35.3	34.0	34.6	34.8	34.4	34.5	34.5	-	
AR03-361091	35.6	37.1	35.3	36.1	35.8	35.8	34.8	34.5	-	
AR05-350008	32.9	33.7	31.7	32.2	33.0	32.5	32.3	33.1	34.4	
AR06-364039	35.1	35.4	34.8	34.6	35.3	34.8	34.6	34.7	36.6	
HS4-3004	35.8	37.8	35.2	35.5	35.3	35.2	34.9	35.8	36.7	
HS4-3225	34.4	34.9	34.9	34.5	34.7	33.6	32.8	34.3	35.2	
HS4-3240	35.1	35.3	35.3	35.3	34.5	34.8	34.9	34.8	36.1	
HS5-3340	35.4	38.6	35.4	34.5	35.6	34.4	33.2	35.4	36.1	
HS5-3358	36.2	36.4	35.9	35.7	36.9	36.4	35.7	35.9	37.0	
HS5-3413	34.2	35.5	32.7	33.5	34.7	34.2	33.4	35.0	34.9	
HS5-3426	35.3	34.8	36.8	34.3	35.0	34.6	35.3	35.2	36.2	
HS5-3432	36.8	37.7	37.9	35.4	35.6	36.8	36.8	35.6	38.3	
HS5-3467	36.1	36.1	36.9	35.5	36.1	35.7	34.7	36.3	37.3	
HS5-3479	35.1	36.0	35.1	34.7	33.9	35.4	34.2	35.3	36.1	
HS5W-767	34.1	34.4	34.4	33.8	33.8	34.8	33.0	33.5	34.8	
HS5W-778	34.2	34.3	33.9	34.4	34.4	34.2	33.2	33.8	35.1	
CL00-177197	36.5	36.6	37.0	35.8	37.0	35.9	35.8	36.4	37.7	
CL00-177198	37.2	37.6	37.9	36.3	37.3	37.0	37.1	36.5	37.9	
CL03-1431	36.2	36.8	36.7	35.9	35.8	34.9	35.8	36.0	37.4	
CL04-1672	34.8	34.9	34.3	35.2	34.9	33.6	33.9	35.1	36.5	
CL04-11426	37.4	37.1	38.9	36.5	37.9	37.2	36.8	36.2	38.5	
CL04-122337	36.9	37.2	37.2	37.8	37.0	35.7	35.7	36.3	38.2	
CS133	33.8	34.3	32.0	33.3	34.3	32.9	34.0	35.0	35.0	
U04-200355	32.6	32.7	32.1	32.4	32.9	32.0	31.4	33.1	34.1	
U04-200513	32.5	32.9	30.4	32.6	32.7	31.8	33.0	32.2	34.3	
U04-200609	35.3	35.9	34.5	35.4	35.4	35.9	33.6	34.7	37.4	
U04-200625	35.5	36.3	36.4	34.6	34.6	35.7	34.6	35.0	37.1	
U04-300114	31.9	32.0	29.7	31.7	33.8	31.4	30.7	32.0	34.1	
U04-300138	33.0	33.9	33.3	31.9	34.4	31.5	31.1	33.2	35.0	
U04-300343	35.0	36.3	35.2	33.4	35.1	34.1	34.5	34.7	36.6	
U04-410407	34.1	33.9	34.3	33.7	34.4	33.3	34.3	34.0	35.3	
U04-701006	34.5	34.6	34.8	34.0	34.7	35.0	34.4	32.9	35.7	
U04-701028	34.6	34.8	34.0	33.9	35.6	34.5	33.8	34.2	35.6	
U04-909061	33.1	34.4	31.2	31.4	34.5	33.2	32.7	32.3	34.8	
U04-910057	33.9	34.2	33.6	33.6	33.7	34.5	32.7	33.7	35.2	
U04-929064	34.4	34.5	32.8	32.6	35.7	34.3	35.4	34.2	35.7	
U04-934039	35.8	37.4	35.4	34.1	36.6	35.3	34.8	36.2	36.2	
V02-8657	37.1	37.1	36.5	37.7	36.8	36.7	36.1	36.9	39.1	
V02-8659	36.7	36.6	35.7	38.0	37.4	35.7	35.5	36.7	38.1	
V03-7779	36.4	36.6	36.7	36.4	36.4	35.6	36.2	35.2	37.8	

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

PRELIMINARY TEST IIIB, 2007

OIL (%)

Strain	Mean	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Portageville	Dewitt NE	Hoytville OH	South
	8 Tests					(Loam) MO			Charleston OH
IA3023 (III)	18.7	18.5	18.0	19.5	17.4	20.2	19.5	17.9	-
IA3024	19.7	19.2	18.7	20.7	19.3	22.4	18.8	18.9	-
U98-311442 (SCN)	18.1	17.9	16.4	18.3	18.4	20.0	18.1	17.5	-
Macon (L)	18.2	17.8	17.2	18.7	17.8	20.0	18.2	17.7	-
AR03-361091	17.2	16.8	16.0	17.0	17.3	19.1	17.6	16.6	-
AR05-350008	18.1	18.0	17.0	18.5	18.4	19.7	18.6	17.4	17.1
AR06-364039	18.0	17.7	16.2	19.0	18.1	19.3	18.4	17.7	17.7
HS4-3004	17.7	16.7	17.0	18.2	17.8	18.9	18.4	17.0	17.4
HS4-3225	17.8	17.9	16.4	17.7	17.5	19.1	18.4	17.7	17.9
HS4-3240	16.6	16.9	15.1	17.3	16.8	16.5	17.3	16.8	16.2
HS5-3340	17.3	19.3	15.2	17.6	16.9	18.6	17.6	16.6	16.7
HS5-3358	17.8	18.1	16.0	18.3	17.6	18.4	18.5	17.4	18.0
HS5-3413	18.4	18.0	17.3	19.1	17.8	19.4	19.7	17.5	18.3
HS5-3426	18.5	18.4	16.9	19.9	18.6	18.6	19.3	17.9	18.1
HS5-3432	17.6	17.6	15.7	18.6	18.3	18.7	17.8	16.9	17.5
HS5-3467	18.0	18.0	15.9	19.2	18.4	18.1	18.8	17.9	17.4
HS5-3479	18.0	18.0	17.2	18.7	18.4	19.3	18.1	16.8	17.7
HS5W-767	18.3	18.5	16.7	19.2	18.7	19.1	18.4	17.9	18.3
HS5W-778	18.1	18.0	17.2	18.6	17.7	19.5	18.1	17.7	17.9
CL00-177197	17.3	16.2	16.6	18.1	17.0	19.7	17.6	16.6	16.8
CL00-177198	16.8	16.2	15.9	17.4	17.1	18.2	17.0	16.6	16.4
CL03-1431	16.9	16.8	15.9	17.3	16.7	18.0	17.2	16.5	16.9
CL04-1672	18.0	18.4	17.0	17.8	18.7	19.5	18.8	16.9	17.2
CL04-11426	16.8	16.4	15.2	17.6	17.1	18.0	17.1	17.0	16.4
CL04-122337	17.1	16.9	15.8	17.5	17.4	18.7	17.6	16.6	16.6
CS133	18.6	19.0	18.2	19.1	18.4	19.8	18.6	17.0	18.4
U04-200355	19.7	20.1	19.2	19.8	19.1	20.9	21.1	18.5	19.3
U04-200513	19.3	20.3	18.8	19.4	19.5	20.8	18.4	18.7	18.8
U04-200609	18.3	18.2	17.6	18.7	18.4	18.7	19.3	18.1	17.7
U04-200625	18.3	18.3	17.2	19.5	18.4	18.2	19.3	17.7	17.8
U04-300114	20.1	19.9	20.3	21.1	19.7	21.2	21.2	19.5	18.3
U04-300138	18.7	18.8	17.3	19.9	18.1	20.4	20.2	17.9	17.2
U04-300343	17.8	17.3	17.1	19.0	17.4	18.2	18.6	17.8	17.3
U04-410407	17.6	18.0	16.4	17.9	17.3	19.4	17.5	17.0	17.1
U04-701006	18.3	18.4	17.0	19.2	18.2	18.7	17.9	18.1	18.6
U04-701028	18.7	18.8	18.1	18.8	18.3	19.0	19.5	18.3	18.9
U04-909061	19.1	18.2	18.8	20.8	18.2	20.5	19.1	18.7	18.5
U04-910057	18.0	17.7	17.3	19.4	17.5	18.8	18.1	17.0	18.4
U04-929064	18.1	17.9	18.0	19.9	17.2	19.4	17.2	17.4	18.0
U04-934039	18.2	17.7	18.1	19.7	17.4	20.1	17.4	17.3	17.7
V02-8657	17.6	17.9	16.3	17.2	18.1	19.4	18.1	17.5	16.4
V02-8659	17.6	17.6	16.8	17.3	17.7	19.6	18.1	17.3	16.7
V03-7779	18.1	17.6	16.3	19.0	18.6	19.9	18.4	17.7	17.7

Uniform Test IV, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	LD00-3309 (IV)	Maverick x Dwight	2	F5	SCN
2.	Macon (III)	Sherman x Resnik	10	F5	
3.	JTN-4107	SS94-7546 X M90-184111	new	F6	SCN
4.	JTN-4207	LS93-0375 X LS96-0735	new	F6	SCN
5.	K05-4602	A01-611037 x KS4702sp	new	F5	
6.	K05-4624	A01-611037 x KS4702sp	new	F5	
7.	LD00-2817P	(Ina x Dwight) purple flower reselection	SCN UIV	F5	SCN
8.	LD02-7222P	purple flower reselection LD02-7222 (Macon x LS93-0375)	06 SCN IV		SCN
9.	LD02-9050	LN97-24270 x LS93-0375	06 SCN IV		SCN
10.	LG04-3763	HS93-4118 x LG97-9912	new	F6	
11.	LG04-3818	HS93-4118 x LG97-9912	new	F6	
12.	LG04-5286	LG97-9692 x Dwight	new	F6	
13.	LG04-5993	HS93-4118 x LG97-9912	new	F6	
14.	LG04-6000	HS93-4118 x LG97-9912	new	F6	
15.	LS02-2213	LS93-0375 x SS94-4337	1	F6	SCN
16.	LS03-4993	K1410 x LS94-3207	1	F6	SCN
17.	LS04-09119	MD95-5358 x LS94-3207	new	F5	SCN
18.	LS04-30080	U98-205355 x LN97-26597	new	F5	SCN
19.	LS04-32004	NK S42-H1 x LN97-14727	new	F5	SCN
20.	LS04-39085	U97-3114 x SS96-10704	new	F6	SCN
21.	LS04-42090	IA3010 x A97-973002	new	F6	SCN
22.	LS04-49077	LS93-0375 x LS97-3718	new	F6	SCN
23.	MD04-5060	U96-2208 x LS95-0709	new	F5	
24.	MD04-5174	SS94-7482 x Corsica	new	F5	
25.	MD04-5550	N97-3363-3Tn12 x Md00F2Rw11-2	new	F5	3% 18:3
26.	MD04-5918	HS93-4118 x CX1834-1-2	new	F5	Low phytate
27.	CS273	N96-6809 x NE3001	new	F5	
28.	U04-200508	U00-429029 X HC97-545	new	F5	
29.	U04-200637	HC97-545 X U98-311442	new	F5	SCN possible
30.	U04-937061	UP3YC2S3	new	S4	
31.	V03-7740	Stressland x LG92-12	new		
32.	V03-8283	Troll x Titan	new		

UNIFORM TEST IV, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Chlorosis</u>		<u>Green Stem</u>	<u>Shattering</u>
		Score		Score	Score
		Granite Falls MN	Wilkin County MN	Lafayette TN	Manhattan KS
LD00-3309 (IV)	PTBDYBII	3.3	2.8	1.0	1.0
Macon (III)	WTBDYBII	3.5	2.5	1.0	1.0
JTN-4107	PTBDYBII	3.8	2.8	1.0	1.0
JTN-4207	WTTDYBII	4.0	2.8	2.0	1.0
K05-4602	P+WGTDYHI	4.3	2.8	1.0	2.0
K05-4624	WGTDYII	4.0	3.3	1.0	1.0
LD00-2817P	PGTDYIbI	3.3	3.0	2.0	1.0
LD02-7222P	PTTDYBII	3.8	3.8	1.0	1.0
LD02-9050	PTTDYBII	4.0	3.8	1.0	2.0
LG04-3763	WTTDYBII	3.3	3.5	2.0	1.0
LG04-3818	WLtBDYBII	3.3	2.8	1.0	1.0
LG04-5286	PTTDYBII	3.5	3.3	1.0	1.0
LG04-5993	WLtBDYBII	3.5	3.0	1.0	1.0
LG04-6000	WLtBDYBII	3.5	2.3	2.0	1.0
LS02-2213	WTTIYGrI	3.5	3.0	2.0	1.0
LS03-4993	PTBDYBII	4.3	2.5	1.0	2.0
LS04-09119	WGDBYBfI	3.3	2.8	1.0	1.0
LS04-30080	PGTIYDbfI	4.3	2.8	1.0	1.0
LS04-32004	PTTDYLbII	4.3	2.8	1.0	1.0
LS04-39085	P+WTDYBII	4.0	2.8	1.0	1.0
LS04-42090	P+WTDYBI+IbI	4.0	3.0	1.0	1.0
LS04-49077	WTTDYIbI	3.5	2.5	1.0	2.0
MD04-5060	PGBIYLbI	4.3	3.0	1.0	1.0
MD04-5174	PTTIYBrI	4.0	2.8	1.0	3.0
MD04-5550	WTTDYBII	3.5	3.0	1.0	1.0
MD04-5918	WLtTSYBII	3.3	2.8	2.0	1.0
CS273	WGBDYLbfI	3.8	2.3	1.0	3.0
U04-200508	WGTIYBfI	3.8	2.8	1.0	1.0
U04-200637	WGTDYBfI	4.0	2.8	1.0	2.0
U04-937061	PGDBYLbfI	4.3	2.5	1.0	1.0
V03-7740	PTTDYBII	3.8	2.5	3.0	2.0
V03-8283	WTBDYLbII	3.8	2.8	3.0	1.0

UNIFORM TEST IV, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	<u>PR</u>		<u>FE</u>	<u>SDS</u>	
	Lafayette Race 4	Lafayette Race 7	Laf. a rx.	DX Carbondale IL	DX Carmi IL
LD00-3309 (IV)	S	S	S	1	1
Macon (III)	S	S	S	3	1
JTN-4107	?	?	S	4	1
JTN-4207	R*	R*	S	16	22
K05-4602	S	S	S	1	1
K05-4624	S	S	S	9	1
LD00-2817P	S	S	S	1	1
LD02-7222P	S	S	S	1	0
LD02-9050	R*	S	S	1	0
LG04-3763	S	R*	S	0	0
LG04-3818	?	R*	S	1	0
LG04-5286	S	S	S	2	1
LG04-5993	S	R*	S	5	2
LG04-6000	S	R*	S	1	1
LS02-2213	S	S	S	2	1
LS03-4993	S	S	S	2	1
LS04-09119	S	S	S	3	0
LS04-30080	S	S	S	10	4
LS04-32004	R*	R*	S	2	0
LS04-39085	R*	R*	S	3	1
LS04-42090	S	S	S	1	0
LS04-49077	S	S	S	3	0
MD04-5060	S	S	S	69	2
MD04-5174	S	S	S	26	0
MD04-5550	S	S	S	4	1
MD04-5918	S	S	S	12	4
CS273	S	R*	S	11	1
U04-200508	R*	R*	S	52	1
U04-200637	R*	R*	-	29	0
U04-937061	S	S	S	16	2
V03-7740	R*	S	-	4	2
V03-8283	S	S	S	1	26

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait
 FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST IV, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield 11 bu/a	Rank 11 No.	Maturity 13 Date	Lodging 13 Score	Plant Height 13 In.	Seed Size 13 g/100	Seed Quality 13 Score	Composition	
								Protein 8 %	Oil 8 %
LD00-3309 (IV)	52.2	8	9/20	1.4	35	11.3	1.7	34.8	17.0
Macon (III)	50.2	18	-1.4	1.4	35	14.9	1.7	35.1	18.1
JTN-4107	46.5	25	3.0	2.0	36	13.1	2.4	34.3	17.5
JTN-4207	48.0	21	10.0	1.3	41	14.5	1.9	36.4	16.9
K05-4602	40.1	31	5.2	3.3	35	15.8	2.0	37.2	15.1
K05-4624	49.0	20	7.6	2.6	34	16.3	2.0	36.0	16.6
LD00-2817P	53.6	4	3.1	1.7	38	11.8	2.4	32.8	18.0
LD02-7222P	51.7	10	1.4	1.3	35	14.7	2.0	34.7	17.6
LD02-9050	52.7	7	-1.9	1.6	35	13.5	1.8	34.4	17.9
LG04-3763	50.9	14	-0.2	1.5	31	14.0	2.0	33.4	17.3
LG04-3818	53.1	5	0.7	1.6	36	14.1	2.0	34.8	16.4
LG04-5286	51.4	12	4.3	1.6	35	12.7	1.7	34.8	17.5
LG04-5993	54.9	2	5.3	2.0	39	13.5	1.8	35.7	16.3
LG04-6000	55.9	1	5.0	1.6	39	13.2	1.7	35.2	16.6
LS02-2213	50.2	18	5.8	1.6	41	13.6	1.7	34.1	17.1
LS03-4993	51.8	9	3.5	1.5	38	14.9	1.9	35.5	17.3
LS04-09119	47.6	22	-0.7	2.1	37	11.2	1.9	34.5	17.8
LS04-30080	54.2	3	0.6	1.4	33	13.8	1.7	34.8	18.1
LS04-32004	50.4	17	1.6	1.3	34	14.7	1.9	34.7	16.8
LS04-39085	51.2	13	1.5	1.3	37	14.6	1.9	35.3	17.3
LS04-42090	50.6	16	0.3	1.0	33	13.4	1.7	34.7	17.4
LS04-49077	51.6	11	3.4	1.8	38	14.1	1.8	35.6	17.7
MD04-5060	53.1	5	-2.4	1.7	35	14.6	2.2	32.6	19.2
MD04-5174	41.8	29	-1.7	2.2	39	13.2	1.7	36.5	16.5
MD04-5550	37.3	32	5.6	1.7	40	17.2	2.3	37.6	17.0
MD04-5918	41.4	30	-5.7	1.2	31	13.9	2.1	36.2	16.2
CS273	42.4	28	2.7	2.1	40	15.3	2.2	33.9	18.5
U04-200508	47.2	23	-1.4	1.8	38	15.5	2.5	33.9	18.1
U04-200637	45.2	27	-0.3	2.4	39	13.7	1.9	36.7	17.8
U04-937061	47.1	24	-1.9	1.8	37	12.2	1.7	35.9	17.9
V03-7740	46.1	26	6.2	1.8	42	14.2	1.8	36.7	17.5
V03-8283	50.8	15	4.6	2.9	41	13.8	2.4	33.0	17.8

122.4 Days After Planting

UNIFORM TEST IV, 2007**2006-2007 2-YEAR MEAN**

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	23 bu/a	23 No.	26 Date	26 Score	27 In.	26 g/100	25 Score	14 %	14 %
LD00-3309 (IV)	55.1	1	9/23	1.4	35	11.9	2.0	35.2	16.4
Macon (III)	50.6	4	-2.2	1.6	35	15.0	2.0	35.5	17.3
LS02-2213	51.4	3	4.7	1.5	40	14.0	2.0	34.7	16.3
LS03-4993	51.8	2	1.9	1.4	36	14.8	2.0	36.2	16.6

126.4 Days After Planting

UNIFORM TEST IV, 2007

YIELD (bu/a)

Strain	Mean	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
	11 Tests						
LD00-3309 (IV)	52.2	67.2	44.0	44.9	60.9	63.9	52.9
Macon (III)	50.2	56.4	44.6	43.5	55.8	55.7	52.2
JTN-4107	46.5	58.8	43.4	48.0	54.6	38.7	53.7
JTN-4207	48.0	57.1	49.7	49.5	47.3	44.0	47.0
K05-4602	40.1	53.2	30.9	34.9	47.0	42.4	48.4
K05-4624	49.0	54.0	50.5	43.3	53.5	50.1	53.2
LD00-2817P	53.6	65.9	46.8	52.9	64.6	59.9	52.2
LD02-7222P	51.7	63.8	44.1	49.6	58.2	55.9	52.0
LD02-9050	52.7	65.4	49.7	49.4	60.9	58.6	51.6
LG04-3763	50.9	59.0	53.0	42.8	49.1	57.5	55.9
LG04-3818	53.1	63.4	51.0	44.4	54.6	59.8	54.9
LG04-5286	51.4	63.9	46.7	47.3	52.3	60.5	49.7
LG04-5993	54.9	69.1	49.4	55.7	63.6	60.2	54.0
LG04-6000	55.9	66.4	54.1	53.3	61.6	64.3	53.6
LS02-2213	50.2	61.1	46.2	50.4	64.2	58.6	48.9
LS03-4993	51.8	60.4	42.7	53.6	61.9	60.3	49.9
LS04-09119	47.6	63.1	37.8	42.0	60.6	57.6	52.5
LS04-30080	54.2	62.1	51.3	50.0	61.5	63.0	51.8
LS04-32004	50.4	62.5	43.9	50.1	56.7	58.2	53.5
LS04-39085	51.2	59.1	41.0	52.2	67.2	59.4	52.3
LS04-42090	50.6	61.1	43.4	44.0	54.5	59.9	55.0
LS04-49077	51.6	60.9	41.6	58.5	59.0	63.4	50.7
MD04-5060	53.1	56.4	48.7	56.5	62.2	57.9	50.4
MD04-5174	41.8	43.5	31.2	40.8	56.1	39.9	45.1
MD04-5550	37.3	44.8	36.0	35.2	40.3	32.0	44.9
MD04-5918	41.4	46.4	35.3	35.3	50.7	45.0	51.0
CS273	42.4	44.0	36.2	45.0	42.2	45.8	47.3
U04-200508	47.2	49.3	44.2	48.3	49.5	52.0	49.7
U04-200637	45.2	43.3	40.5	41.1	53.0	49.4	54.5
U04-937061	47.1	55.6	40.4	40.3	56.0	45.9	55.4
V03-7740	46.1	56.7	36.1	41.2	48.5	48.3	56.8
V03-8283	50.8	54.6	49.4	53.4	54.3	51.0	51.4
C.V. (%)		9.7	7.7	7.3	9.3	8.3	7.7
L.S.D. (5%)		9.1	5.6	4.7	7.1	7.2	6.5
Row Sp. (In.)		30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		3	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST IV, 2007

YIELD (bu/a)

Strain	YIELD (bu/a)						
	Manhattan KS	Lexington KY	Queenstown* MD	Columbia MO	Portageville (Loam) MO	Stevens Creek NE	Mason* OH
LD00-3309 (IV)	45.7	46.1	20.1	40.7	40.6	66.9	31.9
Macon (III)	42.0	42.6	15.0	45.9	42.2	70.9	36.2
JTN-4107	44.5	39.1	17.9	36.9	35.7	58.5	33.8
JTN-4207	40.5	43.4	20.9	45.2	45.0	59.3	35.0
K05-4602	40.2	30.7	18.0	28.5	28.5	56.1	25.1
K05-4624	44.8	47.1	17.4	36.3	35.6	70.6	30.7
LD00-2817P	40.6	50.3	20.7	49.8	46.1	60.0	30.1
LD02-7222P	45.7	43.5	23.0	50.4	41.9	63.8	35.5
LD02-9050	44.9	42.2	22.2	46.1	43.4	67.0	39.0
LG04-3763	45.3	39.3	17.4	49.2	32.9	75.4	41.4
LG04-3818	46.8	46.0	17.2	48.2	41.0	74.0	32.4
LG04-5286	41.5	48.3	18.0	50.6	34.7	69.9	34.6
LG04-5993	42.9	47.6	17.7	54.5	41.0	66.3	42.4
LG04-6000	46.5	48.0	16.5	55.8	42.2	69.3	45.6
LS02-2213	37.5	38.0	23.3	46.8	34.5	65.7	37.5
LS03-4993	44.5	44.6	18.3	49.8	37.4	65.2	27.2
LS04-09119	42.6	36.1	17.2	35.6	34.5	61.6	35.1
LS04-30080	41.9	45.5	16.8	51.8	45.6	72.1	54.4
LS04-32004	38.2	41.5	18.4	49.8	38.6	61.0	48.1
LS04-39085	40.2	42.2	17.3	50.6	32.9	66.6	37.9
LS04-42090	42.5	46.4	18.8	43.8	39.4	66.1	34.2
LS04-49077	40.8	40.6	20.6	47.5	41.4	63.5	43.4
MD04-5060	49.0	46.6	15.1	47.5	37.7	71.7	33.8
MD04-5174	41.5	32.8	18.9	39.2	36.3	53.3	20.9
MD04-5550	29.9	36.3	18.2	36.5	29.6	44.8	30.3
MD04-5918	38.3	33.1	10.3	37.2	27.1	55.9	42.3
CS273	40.1	32.7	15.2	41.1	25.7	65.9	23.9
U04-200508	46.8	40.9	12.9	44.1	30.7	63.2	33.0
U04-200637	42.2	39.2	17.1	35.0	31.6	67.3	36.9
U04-937061	49.0	34.5	20.3	40.9	29.3	70.7	29.2
V03-7740	45.0	41.0	24.8	42.8	35.7	55.1	29.4
V03-8283	43.5	46.7	20.2	50.5	39.8	64.4	35.3
C.V. (%)	4.7	15.1	13.5	8.4	11.0	7.0	20.1
L.S.D. (5%)	3.3	8.6	4.0	5.1	6.6	11.2	11.5
Row Sp. (In.)	30	16	24	30	30	30	15
Rows/Plot	4	6	4	4	2	4	6
Reps	3	3	3	3	3	2	2

*Data not included in mean.

UNIFORM TEST IV, 2007

YIELD RANK

Strain	Yield Rank	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	8	2	17	19	9	2	12
Macon (III)	18	21	14	22	17	19	15
JTN-4107	25	18	19	16	18	31	8
JTN-4207	21	19	6	13	29	28	30
K05-4602	31	26	32	32	30	29	28
K05-4624	20	25	5	23	22	22	11
LD00-2817P	4	4	11	7	2	8	15
LD02-7222P	10	7	16	12	13	18	17
LD02-9050	7	5	7	14	9	12	19
LG04-3763	14	17	2	24	27	17	2
LG04-3818	5	8	4	20	18	10	5
LG04-5286	12	6	12	17	24	5	25
LG04-5993	2	1	8	3	4	7	7
LG04-6000	1	3	1	6	7	1	9
LS02-2213	18	12	13	9	3	12	27
LS03-4993	9	15	21	4	6	6	24
LS04-09119	22	9	26	25	11	16	13
LS04-30080	3	11	3	11	8	4	18
LS04-32004	17	10	18	10	14	14	10
LS04-39085	13	16	23	8	1	11	14
LS04-42090	16	13	19	21	20	8	4
LS04-49077	11	14	22	1	12	3	22
MD04-5060	5	21	10	2	5	15	23
MD04-5174	29	31	31	28	15	30	31
MD04-5550	32	29	29	31	32	32	32
MD04-5918	30	28	30	30	25	27	21
CS273	28	30	27	18	31	26	29
U04-200508	23	27	15	15	26	20	25
U04-200637	27	32	24	27	23	23	6
U04-937061	24	23	25	29	16	25	3
V03-7740	26	20	28	26	28	24	1
V03-8283	15	24	8	5	21	21	20

UNIFORM TEST IV, 2007

YIELD RANK

Strain	Manhattan	Lexington	Queenstown	Columbia	Portageville	Stevens	Mason
	KS	KY	MD	MO	(Loam) MO	Creek NE	OH
LD00-3309 (IV)	6	9	10	24	11	12	23
Macon (III)	19	15	30	17	5	5	12
JTN-4107	12	24	18	27	18	27	19
JTN-4207	25	14	5	18	3	26	16
K05-4602	26	32	16	32	30	28	30
K05-4624	11	5	20	29	20	7	24
LD00-2817P	24	1	6	8	1	25	26
LD02-7222P	6	13	3	7	7	20	13
LD02-9050	10	16	4	16	4	11	8
LG04-3763	8	22	20	11	24	1	7
LG04-3818	3	10	23	12	9	2	22
LG04-5286	21	2	16	4	21	8	17
LG04-5993	15	4	19	2	9	14	5
LG04-6000	5	3	27	1	5	9	3
LS02-2213	31	25	2	15	22	17	10
LS03-4993	12	12	14	8	16	18	29
LS04-09119	16	27	23	30	22	23	15
LS04-30080	20	11	26	3	2	3	1
LS04-32004	30	18	13	8	14	24	2
LS04-39085	26	16	22	4	24	13	9
LS04-42090	17	8	12	20	13	15	18
LS04-49077	23	21	7	13	8	21	4
MD04-5060	1	7	29	13	15	4	19
MD04-5174	21	30	11	25	17	31	32
MD04-5550	32	26	15	28	28	32	25
MD04-5918	29	29	32	26	31	29	6
CS273	28	31	28	22	32	16	31
U04-200508	3	20	31	19	27	22	21
U04-200637	18	23	25	31	26	10	11
U04-937061	2	28	8	23	29	6	28
V03-7740	9	19	1	21	18	30	27
V03-8283	14	6	9	6	12	19	14

UNIFORM TEST IV, 2007

MATURITY (date)

Strain	Mean	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
	13 Tests						
LD00-3309 (IV)	9/20	9/24	9/16	9/13	9/15	9/28	10/3
Macon (III)	-1.4	-5	-1	0	-2	-7	1
JTN-4107	3.0	1	4	6	4	0	2
JTN-4207	10.0	4	12	14	15	14	5
K05-4602	5.2	1	2	7	11	10	2
K05-4624	7.6	2	7	12	10	12	2
LD00-2817P	3.1	3	4	6	4	5	3
LD02-7222P	1.4	-2	3	4	2	-2	3
LD02-9050	-1.9	-3	0	-2	-2	-5	-2
LG04-3763	-0.2	-4	2	-2	-2	1	0
LG04-3818	0.7	0	1	0	2	0	-1
LG04-5286	4.3	2	5	6	6	3	2
LG04-5993	5.3	2	7	8	8	2	4
LG04-6000	5.0	2	7	6	5	5	3
LS02-2213	5.8	2	7	9	9	6	4
LS03-4993	3.5	0	7	6	4	1	0
LS04-09119	-0.7	0	-2	0	2	-4	-1
LS04-30080	0.6	0	1	5	2	-3	0
LS04-32004	1.6	-2	2	4	4	-2	-1
LS04-39085	1.5	1	5	5	3	1	3
LS04-42090	0.3	-3	3	1	2	-1	-2
LS04-49077	3.4	1	6	7	4	1	2
MD04-5060	-2.4	-4	1	0	-3	-8	-4
MD04-5174	-1.7	-3	-3	1	1	-8	-2
MD04-5550	5.6	-2	1	4	11	13	2
MD04-5918	-5.7	-12	-6	-5	-3	-9	-1
CS273	2.7	0	5	6	3	-1	2
U04-200508	-1.4	-5	-1	4	0	-4	-3
U04-200637	-0.3	-3	-1	6	2	-1	-1
U04-937061	-1.9	-3	-4	-1	-2	-9	0
V03-7740	6.2	2	4	11	11	11	2
V03-8283	4.6	1	8	6	6	3	4
Date Planted	5/21	6/1	5/17	5/21	5/3	5/7	6/4
Days to Mature	122	115	122	115	135	144	121

UNIFORM TEST IV, 2007

MATURITY (date)

Strain	Manhattan	Lexington	Queenstown	Columbia	Portageville	Stevens	Mason
	KS	KY	MD	MO	(Loam) MO	Creek NE	OH
LD00-3309 (IV)	10/13	9/17	9/26	9/8	8/28	10/5	9/15
Macon (III)	1	-3	0	0	0	0	-2
JTN-4107	0	1	1	2	9	3	6
JTN-4207	5	13	3	10	14	5	16
K05-4602	7	8	1	7	-2	5	9
K05-4624	10	7	2	9	7	6	13
LD00-2817P	6	4	1	6	-10	5	4
LD02-7222P	-1	-1	1	4	6	0	1
LD02-9050	-4	-1	-1	0	-3	-1	-1
LG04-3763	4	0	1	0	-1	-1	-1
LG04-3818	4	1	1	1	2	0	-2
LG04-5286	5	4	0	6	9	3	5
LG04-5993	8	4	1	6	9	3	7
LG04-6000	7	4	1	7	8	2	7
LS02-2213	2	5	2	6	11	3	9
LS03-4993	-2	3	1	4	10	0	11
LS04-09119	-1	0	-1	1	-3	0	0
LS04-30080	-3	0	0	2	4	0	-1
LS04-32004	3	1	1	2	7	2	0
LS04-39085	-3	0	1	2	-3	0	4
LS04-42090	-4	1	-1	1	8	-1	0
LS04-49077	1	3	1	3	4	3	7
MD04-5060	-3	-1	-2	0	-3	-5	1
MD04-5174	-5	-1	-1	1	-2	0	0
MD04-5550	5	10	1	8	8	2	10
MD04-5918	-6	-7	-3	0	-11	-5	-6
CS273	4	0	0	3	6	2	5
U04-200508	-5	-3	0	2	2	-3	-2
U04-200637	-3	-1	0	1	-5	2	-1
U04-937061	1	-5	0	0	2	0	-4
V03-7740	3	4	2	8	8	3	11
V03-8283	5	4	2	7	5	3	6
Date Planted	6/22	5/9	6/11	5/15	5/7	5/29	5/8
Days to Mature	113	131	107	116	113	129	130

UNIFORM TEST IV, 2007

LODGING (score)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	1.4	1.0	1.0	1.2	2.0	1.0	1.0
Macon (III)	1.4	1.0	1.2	1.3	2.2	1.2	1.0
JTN-4107	2.0	2.3	1.8	1.8	2.5	1.3	1.7
JTN-4207	1.3	1.3	1.2	1.8	1.7	1.0	1.0
K05-4602	3.3	3.7	2.5	4.5	3.7	3.5	1.7
K05-4624	2.6	1.7	1.5	4.0	2.5	2.0	2.0
LD00-2817P	1.7	1.0	1.0	1.5	2.3	1.0	1.3
LD02-7222P	1.3	1.0	1.2	1.2	1.8	1.0	1.0
LD02-9050	1.6	1.3	1.0	1.2	2.0	1.0	1.7
LG04-3763	1.5	1.0	1.3	1.3	1.5	1.0	1.0
LG04-3818	1.6	1.0	1.3	1.8	1.8	1.2	1.3
LG04-5286	1.6	1.3	1.5	1.3	2.2	1.0	1.0
LG04-5993	2.0	2.0	1.3	2.3	2.5	1.3	2.0
LG04-6000	1.6	1.3	1.2	1.7	2.2	1.0	1.0
LS02-2213	1.6	1.3	1.5	1.5	2.2	1.0	1.0
LS03-4993	1.5	1.0	1.0	1.5	1.8	1.0	1.0
LS04-09119	2.1	3.0	1.5	1.8	2.5	1.2	1.0
LS04-30080	1.4	1.0	1.3	1.0	1.8	1.0	1.0
LS04-32004	1.3	1.0	1.2	1.3	1.5	1.0	1.0
LS04-39085	1.3	1.0	1.0	1.3	1.8	1.0	1.0
LS04-42090	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LS04-49077	1.8	2.0	1.5	2.0	2.2	1.0	1.3
MD04-5060	1.7	1.3	1.2	2.0	2.0	1.2	1.7
MD04-5174	2.2	2.0	1.8	1.8	2.5	1.7	2.0
MD04-5550	1.7	2.0	1.0	2.0	2.5	1.2	1.0
MD04-5918	1.2	1.0	1.0	1.0	1.3	1.0	1.0
CS273	2.1	2.7	1.8	2.5	2.3	1.0	1.3
U04-200508	1.8	2.0	1.5	1.8	2.3	1.3	1.0
U04-200637	2.4	2.5	1.8	2.3	3.0	2.0	2.3
U04-937061	1.8	1.0	1.2	1.3	1.8	1.2	1.3
V03-7740	1.8	2.3	1.3	1.8	2.5	1.2	1.0
V03-8283	2.9	3.3	2.3	2.3	3.2	1.7	2.7

UNIFORM TEST IV, 2007

LODGING (score)

Strain	Manhattan	Lexington	Queenstown	Columbia	Portageville	Stevens	Mason
	KS	KY	MD	MO	(Loam) MO	Creek NE	OH
LD00-3309 (IV)	1.3	1.7	1.0	2.0	2.0	1.0	1.6
Macon (III)	1.3	1.8	1.0	2.0	1.0	1.0	2.3
JTN-4107	2.3	2.2	1.0	3.7	2.0	1.0	3.0
JTN-4207	1.0	1.8	1.0	2.0	1.0	1.0	1.6
K05-4602	3.3	2.2	1.0	4.7	4.0	4.0	4.2
K05-4624	3.3	3.0	1.0	4.3	1.0	4.0	4.0
LD00-2817P	1.7	2.2	1.0	2.0	3.0	1.0	3.3
LD02-7222P	1.0	1.3	1.0	2.0	1.0	1.0	2.5
LD02-9050	2.0	2.0	1.0	3.0	2.0	1.0	1.9
LG04-3763	2.0	2.2	1.0	2.7	1.0	1.0	3.1
LG04-3818	2.0	2.2	1.0	2.7	1.0	1.0	2.8
LG04-5286	1.0	2.3	1.0	3.0	2.0	1.0	2.4
LG04-5993	2.0	2.3	1.0	3.0	2.0	1.0	3.2
LG04-6000	2.0	2.2	1.0	2.0	2.0	1.0	2.5
LS02-2213	1.0	2.0	1.0	2.7	2.0	1.5	1.8
LS03-4993	1.3	2.0	1.0	3.3	2.0	1.0	1.5
LS04-09119	2.0	2.5	1.0	4.0	2.0	1.0	3.4
LS04-30080	1.0	2.0	1.0	3.0	1.0	1.0	2.6
LS04-32004	1.3	1.5	1.0	1.7	2.0	1.0	1.6
LS04-39085	1.0	1.8	1.0	2.0	2.0	1.0	1.6
LS04-42090	1.0	1.2	1.0	1.0	1.0	1.0	1.1
LS04-49077	2.0	1.7	1.0	3.0	3.0	1.0	1.7
MD04-5060	1.7	2.0	1.0	2.7	1.0	1.0	3.6
MD04-5174	2.0	2.2	1.0	3.3	3.0	2.0	3.7
MD04-5550	2.0	2.2	1.0	1.7	3.0	1.0	1.9
MD04-5918	1.3	1.0	1.0	1.7	1.0	1.0	2.4
CS273	2.3	2.2	1.0	3.0	2.0	1.0	4.4
U04-200508	1.3	1.8	1.0	2.0	3.0	1.0	3.4
U04-200637	2.0	3.7	1.0	4.7	1.0	1.5	3.9
U04-937061	2.0	1.7	1.0	2.7	3.0	1.0	3.6
V03-7740	1.3	1.8	1.0	2.3	3.0	1.5	2.5
V03-8283	2.7	3.0	1.0	4.7	4.0	3.5	3.5

UNIFORM TEST IV, 2007

PLANT HEIGHT (inches)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	35	37	37	37	41	39	38
Macon (III)	35	37	38	35	40	38	39
JTN-4107	36	38	37	36	42	39	39
JTN-4207	41	41	42	41	48	46	41
K05-4602	35	43	33	30	37	36	34
K05-4624	34	34	36	33	37	39	36
LD00-2817P	38	41	40	41	43	40	45
LD02-7222P	35	38	38	37	41	37	37
LD02-9050	35	33	38	33	41	36	36
LG04-3763	31	33	33	29	33	35	32
LG04-3818	36	35	39	35	37	38	41
LG04-5286	35	37	37	35	42	37	38
LG04-5993	39	40	41	40	43	40	41
LG04-6000	39	41	40	39	43	43	42
LS02-2213	41	43	41	42	46	43	44
LS03-4993	38	39	41	36	43	41	39
LS04-09119	37	41	40	37	43	40	37
LS04-30080	33	31	34	30	38	33	34
LS04-32004	34	34	35	33	40	37	37
LS04-39085	37	37	38	37	45	40	40
LS04-42090	33	33	36	35	37	37	33
LS04-49077	38	40	40	38	44	41	38
MD04-5060	35	37	37	36	41	41	36
MD04-5174	39	44	41	37	45	40	42
MD04-5550	40	42	41	42	47	44	41
MD04-5918	31	32	34	30	37	33	34
CS273	40	40	46	39	45	43	41
U04-200508	38	38	39	41	45	40	38
U04-200637	39	38	42	36	44	40	45
U04-937061	37	37	39	35	43	40	40
V03-7740	42	45	47	42	48	44	42
V03-8283	41	41	43	40	46	45	42

UNIFORM TEST IV, 2007

PLANT HEIGHT (inches)

Strain	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Loam) MO	Stevens Creek NE	Mason OH
LD00-3309 (IV)	29	37	15	37	29	42	43
Macon (III)	32	37	14	36	29	39	42
JTN-4107	31	35	18	35	36	42	42
JTN-4207	34	44	21	39	42	39	50
K05-4602	36	35	21	33	33	39	42
K05-4624	35	36	19	32	26	42	42
LD00-2817P	34	41	17	35	34	41	45
LD02-7222P	31	36	19	36	26	40	40
LD02-9050	35	37	17	32	34	37	39
LG04-3763	30	35	13	31	20	37	41
LG04-3818	31	39	17	37	36	40	44
LG04-5286	32	39	16	37	32	38	39
LG04-5993	35	38	18	40	39	43	43
LG04-6000	35	39	17	38	40	42	45
LS02-2213	34	42	19	40	43	42	49
LS03-4993	35	40	21	36	34	41	43
LS04-09119	34	40	16	38	32	41	44
LS04-30080	31	35	15	35	31	38	42
LS04-32004	31	35	17	36	30	37	43
LS04-39085	32	40	15	37	33	42	43
LS04-42090	32	36	15	33	29	39	37
LS04-49077	34	38	19	38	36	41	46
MD04-5060	34	37	15	38	25	38	44
MD04-5174	34	37	15	40	40	45	49
MD04-5550	33	44	20	40	44	42	46
MD04-5918	26	29	14	33	30	33	40
CS273	37	41	19	42	35	41	51
U04-200508	36	40	15	40	38	38	45
U04-200637	37	39	19	41	34	46	44
U04-937061	36	37	17	37	27	42	45
V03-7740	33	42	21	43	44	47	50
V03-8283	35	42	20	42	41	46	49

UNIFORM TEST IV, 2007

SEED SIZE (g/100)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	11.3	11.2	7.9	9.1	11.4	14.7	11.3
Macon (III)	14.9	14.1	11.3	12.3	15.1	19.7	15.5
JTN-4107	13.1	13.4	9.8	11.8	13.4	16.5	14.7
JTN-4207	14.5	14.7	11.4	13.2	15.4	16.9	14.1
K05-4602	15.8	15.7	11.5	13.1	16.5	21.7	17.1
K05-4624	16.3	15.6	12.9	14.7	16.8	22.3	17.5
LD00-2817P	11.8	11.6	8.3	11.3	12.2	14.6	12.0
LD02-7222P	14.7	14.1	11.7	12.7	15.5	17.2	15.0
LD02-9050	13.5	13.5	10.9	11.5	14.2	17.3	13.9
LG04-3763	14.0	13.1	11.0	12.7	13.7	17.3	14.6
LG04-3818	14.1	12.8	10.0	11.3	13.9	18.3	15.1
LG04-5286	12.7	12.3	9.4	10.4	12.6	15.0	13.3
LG04-5993	13.5	13.3	10.5	12.2	14.5	16.8	14.5
LG04-6000	13.2	12.3	10.9	11.5	13.6	16.6	13.8
LS02-2213	13.6	14.3	10.9	11.9	14.4	17.7	13.5
LS03-4993	14.9	14.0	11.8	12.9	15.0	18.9	15.0
LS04-09119	11.2	11.1	8.1	9.0	11.7	14.1	12.2
LS04-30080	13.8	12.9	10.8	12.2	14.9	17.4	13.5
LS04-32004	14.7	14.1	12.0	12.7	15.3	17.7	14.6
LS04-39085	14.6	14.5	10.5	12.8	16.3	19.6	14.8
LS04-42090	13.4	12.9	9.7	11.4	14.0	16.5	14.4
LS04-49077	14.1	13.0	10.2	12.7	14.9	18.3	16.2
MD04-5060	14.6	13.7	11.7	13.8	15.3	17.5	15.9
MD04-5174	13.2	12.1	9.9	11.3	14.0	15.5	15.1
MD04-5550	17.2	17.2	13.1	14.3	18.7	20.2	19.6
MD04-5918	13.9	12.7	9.6	12.0	15.9	16.0	16.5
CS273	15.3	13.7	11.7	14.4	16.8	18.7	17.5
U04-200508	15.5	13.7	12.1	14.1	16.5	19.6	18.0
U04-200637	13.7	12.7	9.9	11.8	14.5	17.6	15.0
U04-937061	12.2	10.8	8.8	9.7	13.0	14.0	14.0
V03-7740	14.2	13.9	10.0	11.6	15.8	18.1	15.6
V03-8283	13.8	12.8	10.6	11.6	13.7	17.1	16.6

UNIFORM TEST IV, 2007

SEED SIZE (g/100)

Strain	Manhattan	Lexington	Queenstown	Columbia	Portageville	Stevens	Mason
	KS	KY	MD	MO	(Loam) MO	Creek NE	OH
LD00-3309 (IV)	14.8	9.4	12.6	10.0	9.9	12.5	11.6
Macon (III)	18.4	12.0	14.6	14.0	13.9	17.8	15.4
JTN-4107	16.4	11.0	12.8	11.0	11.8	14.2	13.6
JTN-4207	18.2	12.5	15.1	14.0	11.5	15.4	16.5
K05-4602	20.8	11.8	14.9	15.0	12.7	18.4	16.0
K05-4624	21.9	13.5	13.8	15.0	14.1	17.8	16.5
LD00-2817P	15.4	8.6	12.3	11.0	10.6	13.8	12.1
LD02-7222P	19.2	11.2	15.5	14.0	13.1	16.4	15.4
LD02-9050	17.3	9.9	14.7	12.0	11.5	15.1	14.1
LG04-3763	17.6	12.2	12.5	13.0	13.0	15.8	16.0
LG04-3818	19.1	11.7	14.9	15.0	11.9	15.0	14.8
LG04-5286	18.3	10.4	11.9	13.0	11.5	13.7	13.5
LG04-5993	16.7	10.5	12.6	14.0	11.2	14.4	14.3
LG04-6000	18.5	10.4	11.8	13.0	11.2	13.8	14.7
LS02-2213	17.0	10.4	13.5	13.0	10.8	14.8	14.6
LS03-4993	18.1	12.1	16.2	14.0	13.7	15.6	16.5
LS04-09119	14.9	9.2	11.7	10.0	10.1	12.8	11.2
LS04-30080	17.5	10.1	13.9	14.0	12.0	15.0	15.2
LS04-32004	17.8	12.6	14.4	14.0	13.1	16.6	15.7
LS04-39085	17.2	11.1	15.2	15.0	11.3	15.5	15.6
LS04-42090	16.7	10.8	13.5	13.0	11.3	14.9	14.5
LS04-49077	16.2	12.3	13.7	13.0	12.3	15.2	15.2
MD04-5060	18.8	11.7	14.2	13.0	12.6	16.0	15.6
MD04-5174	15.7	10.4	14.4	13.0	11.5	15.1	13.5
MD04-5550	20.6	15.5	17.5	12.0	16.5	19.6	18.7
MD04-5918	17.6	11.0	14.4	12.0	13.6	15.4	14.3
CS273	17.9	13.1	14.8	15.0	13.6	16.8	15.4
U04-200508	19.0	12.5	14.4	14.0	14.6	17.3	15.7
U04-200637	17.4	10.8	13.7	14.0	10.5	16.0	13.9
U04-937061	15.4	9.4	13.2	13.0	11.8	13.8	11.5
V03-7740	16.5	11.4	14.5	15.0	11.5	15.3	15.2
V03-8283	17.0	10.5	14.2	13.0	12.3	15.7	14.1

UNIFORM TEST IV, 2007

SEED QUALITY (score)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	1.7	1.0	2.0	2.0	2.0	1.5	2.0
Macon (III)	1.7	1.0	1.0	1.0	1.0	1.5	2.0
JTN-4107	2.4	2.0	2.0	1.0	2.0	3.0	2.0
JTN-4207	1.9	1.0	2.0	2.0	2.0	1.5	2.0
K05-4602	2.0	1.0	2.0	2.0	1.0	1.5	2.0
K05-4624	2.0	1.0	2.0	1.0	2.0	1.5	2.0
LD00-2817P	2.4	1.0	3.0	2.0	3.0	3.0	2.0
LD02-7222P	2.0	1.0	2.0	2.0	2.0	2.0	2.0
LD02-9050	1.8	1.0	2.0	1.0	2.0	2.0	2.0
LG04-3763	2.0	1.0	2.0	2.0	2.0	1.5	2.0
LG04-3818	2.0	1.0	1.0	2.0	2.0	1.5	2.0
LG04-5286	1.7	1.0	1.0	1.0	2.0	1.5	2.0
LG04-5993	1.8	1.0	2.0	1.0	1.0	1.5	2.0
LG04-6000	1.7	2.0	2.0	1.0	1.0	1.5	2.0
LS02-2213	1.7	1.0	1.0	1.0	2.0	1.5	2.0
LS03-4993	1.9	1.0	2.0	1.0	2.0	1.5	3.0
LS04-09119	1.9	1.0	2.0	2.0	2.0	1.5	2.0
LS04-30080	1.7	2.0	1.0	1.0	2.0	2.0	2.0
LS04-32004	1.9	1.0	1.0	2.0	3.0	1.5	2.0
LS04-39085	1.9	1.0	2.0	1.0	2.0	1.5	2.0
LS04-42090	1.7	1.0	1.0	1.0	2.0	1.5	2.0
LS04-49077	1.8	1.0	1.0	1.0	2.0	1.5	2.0
MD04-5060	2.2	2.0	2.0	2.0	2.0	3.0	2.0
MD04-5174	1.7	1.0	1.0	1.0	2.0	1.5	2.0
MD04-5550	2.3	1.0	2.0	1.0	3.0	1.5	3.0
MD04-5918	2.1	1.0	2.0	2.0	2.0	2.0	2.0
CS273	2.2	2.0	2.0	2.0	2.0	2.0	2.0
U04-200508	2.5	2.0	3.0	2.0	3.0	2.5	2.0
U04-200637	1.9	1.0	1.0	2.0	2.0	2.0	2.0
U04-937061	1.7	1.0	1.0	1.0	2.0	1.5	2.0
V03-7740	1.8	1.0	2.0	2.0	2.0	1.5	2.0
V03-8283	2.4	2.0	2.0	2.0	3.0	2.0	2.0

UNIFORM TEST IV, 2007

SEED QUALITY (score)

Strain	Manhattan	Lexington	Queenstown	Columbia	Portageville	Stevens	Mason
	KS	KY	MD	MO	(Loam) MO	Creek NE	OH
LD00-3309 (IV)	2.0	1.0	1.0	1.0	3.0	2.0	2.2
Macon (III)	2.0	2.0	1.7	1.0	3.0	3.0	2.0
JTN-4107	2.0	3.0	1.0	3.0	4.0	3.0	2.8
JTN-4207	2.0	1.0	1.0	2.0	4.0	2.0	2.0
K05-4602	2.0	2.0	1.0	2.0	5.0	2.0	2.5
K05-4624	2.0	3.0	1.0	2.0	3.0	3.0	2.0
LD00-2817P	2.0	2.0	1.0	2.0	4.0	3.0	2.9
LD02-7222P	2.0	3.0	1.0	1.0	4.0	2.0	2.0
LD02-9050	2.0	2.0	1.0	2.0	3.0	2.0	1.7
LG04-3763	2.0	2.0	1.0	2.0	3.0	3.0	2.5
LG04-3818	2.0	3.0	1.0	2.0	3.0	3.0	2.0
LG04-5286	2.0	1.0	1.0	2.0	3.0	2.0	2.0
LG04-5993	2.0	2.0	1.0	2.0	3.0	3.0	1.8
LG04-6000	2.0	2.0	1.0	1.0	3.0	2.0	2.2
LS02-2213	2.0	1.0	1.0	1.0	4.0	3.0	1.7
LS03-4993	2.0	2.0	1.0	2.0	3.0	3.0	1.5
LS04-09119	2.0	2.0	1.0	2.0	3.0	3.0	1.8
LS04-30080	2.0	2.0	1.0	2.0	2.0	2.0	1.5
LS04-32004	2.0	2.0	1.0	1.0	4.0	3.0	1.3
LS04-39085	2.0	3.0	1.0	2.0	3.0	3.0	1.5
LS04-42090	2.0	2.0	1.2	1.0	3.0	3.0	1.6
LS04-49077	3.0	1.0	1.0	1.0	3.0	4.0	1.7
MD04-5060	2.0	3.0	1.0	1.0	3.0	2.0	3.3
MD04-5174	3.0	1.0	1.0	1.0	3.0	2.0	2.0
MD04-5550	3.0	3.0	1.5	1.0	4.0	4.0	1.5
MD04-5918	2.0	2.0	1.0	2.0	4.0	3.0	2.0
CS273	3.0	2.0	1.0	1.0	3.0	3.0	3.2
U04-200508	2.0	3.0	1.5	2.0	3.0	3.0	3.0
U04-200637	2.0	2.0	1.0	2.0	3.0	3.0	2.3
U04-937061	2.0	1.0	1.0	2.0	3.0	3.0	2.0
V03-7740	2.0	2.0	1.0	1.0	3.0	2.0	2.0
V03-8283	3.0	3.0	1.0	2.0	3.0	4.0	2.5

UNIFORM TEST IV, 2007

PROTEIN (%)

Strain	Mean 8 Tests	Urbana IL	Newton IL	Lafayette IN	Ashland KS	Lexington KY	Portageville (Loam) MO	Stevens Creek NE	Mason OH
LD00-3309 (IV)	34.8	34.7	36.4	34.3	34.2	34.7	34.1	33.5	36.5
Macon (III)	35.1	34.7	36.4	34.4	34.6	34.4	34.7	36.3	35.0
JTN-4107	34.3	33.7	34.9	35.6	35.5	33.2	33.6	34.3	33.6
JTN-4207	36.4	36.6	36.2	37.7	37.1	35.0	35.8	36.4	36.5
K05-4602	37.2	36.0	39.1	37.7	35.8	37.2	36.4	36.4	39.2
K05-4624	36.0	34.2	36.9	36.5	34.4	37.0	36.7	35.7	36.7
LD00-2817P	32.8	32.5	33.4	33.5	32.1	31.2	31.9	34.0	33.8
LD02-7222P	34.7	34.8	35.7	34.5	34.9	33.6	34.2	34.5	35.8
LD02-9050	34.4	34.1	36.4	34.9	33.4	34.0	34.0	34.2	34.4
LG04-3763	33.4	32.4	35.2	31.8	33.9	33.4	34.2	32.2	34.0
LG04-3818	34.8	35.4	36.6	34.3	33.7	34.0	35.1	33.7	35.5
LG04-5286	34.8	35.5	36.0	33.7	34.3	34.9	34.2	33.3	36.1
LG04-5993	35.7	35.4	37.1	34.8	35.1	36.0	36.0	34.6	36.6
LG04-6000	35.2	34.8	36.0	34.4	35.3	35.7	35.3	34.9	35.2
LS02-2213	34.1	33.7	34.1	34.4	33.0	33.7	34.2	34.9	34.9
LS03-4993	35.5	35.3	35.9	36.1	35.0	34.3	34.8	36.1	36.2
LS04-09119	34.5	35.1	36.1	33.8	33.2	35.4	34.4	34.0	33.9
LS04-30080	34.8	35.5	35.3	35.2	34.0	33.3	34.2	35.4	35.2
LS04-32004	34.7	34.8	35.0	34.5	33.9	34.3	35.3	35.4	34.7
LS04-39085	35.3	35.3	36.8	35.6	35.0	34.2	34.7	35.5	35.6
LS04-42090	34.7	36.0	36.8	35.5	33.1	33.3	34.2	34.1	35.0
LS04-49077	35.6	35.5	36.1	36.7	35.4	34.6	35.0	37.0	35.0
MD04-5060	32.6	33.1	33.5	32.3	31.7	32.6	31.8	32.4	33.5
MD04-5174	36.5	37.0	37.6	35.5	36.2	35.5	36.6	36.6	36.9
MD04-5550	37.6	37.2	38.5	37.6	37.8	37.1	38.3	37.0	37.5
MD04-5918	36.2	35.6	39.6	33.8	35.4	36.1	35.8	36.0	37.4
CS273	33.9	34.0	34.7	33.6	33.2	33.9	33.0	33.7	35.5
U04-200508	33.9	33.9	34.0	35.1	32.8	34.0	33.5	32.3	35.2
U04-200637	36.7	36.9	38.5	37.2	35.5	37.4	34.9	36.0	37.4
U04-937061	35.9	36.2	38.5	35.1	34.8	34.9	35.1	35.4	37.3
V03-7740	36.7	37.9	37.6	37.3	34.8	36.2	35.6	35.8	38.0
V03-8283	33.0	32.4	33.2	34.4	33.2	32.1	31.3	34.5	33.0

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

UNIFORM TEST IV, 2007

OIL (%)

Strain	Mean 8 Tests	Urbana IL	Newton IL	Lafayette IN	Ashland KS	Lexington KY	Portageville (Loam) MO	Stevens Creek NE	Mason OH
LD00-3309 (IV)	17.0	16.1	14.5	17.3	17.7	17.0	18.9	17.5	17.0
Macon (III)	18.1	17.6	16.3	18.7	17.9	18.4	19.8	17.5	18.3
JTN-4107	17.5	16.6	16.1	17.1	17.5	17.4	19.5	17.7	18.0
JTN-4207	16.9	15.9	16.2	16.2	17.1	17.4	18.1	17.7	16.8
K05-4602	15.1	14.7	12.8	15.1	15.8	14.8	17.0	15.8	14.5
K05-4624	16.6	16.4	14.7	16.2	17.1	16.1	18.3	17.3	16.5
LD00-2817P	18.0	16.8	16.4	18.4	18.2	18.4	19.6	18.1	18.1
LD02-7222P	17.6	16.4	16.2	18.1	17.7	17.6	18.9	18.1	17.6
LD02-9050	17.9	17.1	15.7	17.3	18.3	18.2	19.3	18.3	18.8
LG04-3763	17.3	16.2	15.3	18.2	16.9	17.5	18.7	17.6	18.0
LG04-3818	16.4	15.1	13.7	16.7	16.8	16.8	18.1	17.1	16.4
LG04-5286	17.5	15.9	15.4	18.3	17.8	16.7	20.0	19.1	17.0
LG04-5993	16.3	15.5	14.8	16.6	16.2	16.3	17.9	16.8	16.5
LG04-6000	16.6	15.2	15.1	17.0	16.6	16.2	18.3	17.1	17.4
LS02-2213	17.1	16.2	15.9	16.9	17.4	17.2	18.1	17.8	17.6
LS03-4993	17.3	16.5	15.8	17.1	17.6	17.6	18.9	17.5	17.1
LS04-09119	17.8	16.8	15.3	18.8	18.4	16.5	19.4	18.2	18.7
LS04-30080	18.1	16.4	17.4	18.7	18.1	17.8	19.9	17.9	18.3
LS04-32004	16.8	15.9	15.4	17.2	16.8	17.2	17.4	16.5	17.8
LS04-39085	17.3	16.9	15.3	17.6	17.0	17.9	18.8	17.5	17.9
LS04-42090	17.4	15.8	15.2	17.1	17.9	18.3	19.3	17.9	18.1
LS04-49077	17.7	16.9	16.7	17.1	17.8	18.7	18.8	17.4	18.3
MD04-5060	19.2	17.7	17.4	18.7	20.0	19.9	21.9	19.1	19.0
MD04-5174	16.5	15.9	14.8	17.4	16.4	17.0	17.7	16.5	16.2
MD04-5550	17.0	15.3	15.2	17.1	17.9	17.5	18.8	17.2	16.8
MD04-5918	16.2	15.5	13.5	17.7	16.1	16.0	18.0	16.7	16.1
CS273	18.5	17.8	17.3	19.2	18.7	18.6	20.5	18.9	17.4
U04-200508	18.1	17.5	16.6	17.2	18.6	17.8	20.1	18.7	17.9
U04-200637	17.8	17.8	16.5	18.1	17.9	17.4	19.3	17.8	18.1
U04-937061	17.9	17.2	14.8	18.7	18.0	18.3	20.7	17.9	17.6
V03-7740	17.5	15.9	15.4	17.6	19.2	17.6	19.5	18.0	16.5
V03-8283	17.8	16.5	16.4	17.9	18.5	17.8	20.2	17.6	17.9

Uniform Test 00 Roundup-Ready, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	RG7008RR	RG200RR x ND95-6634	new		
2.	RG200RR	Traill*3 x (Council x Resnik(RR))	2		RR
3.	AG0202	na	new		
4.	M01-318027	M94-161045 x MN1504RR	new	F5	
5.	ND02-7887	Walsh x RG200RR	2	F3	Rps6
6.	ND02-8320	RG200RR x ND95-6634	2	F3	Rps1-k
7.	ND03-2063	RG200RR x (ND95-6634(3) x ND92-2381	new	F4	Rps1-k
8.	ND03-2225	Jim x RG405RR	1	F4	Rps6
9.	ND03-8275	RG200RR x RG405RR	1	F3	Rps6
10.	ND03-8313	RG200RR x RG405RR	1		
11.	ND03-8315	RG200RR x RG405RR	1	F3	Rps6
12.	ND04-7325	RG200RR x RG405RR	new	F4	Rps6
13.	ND04-7346	RG200RR x RG405RR	new	F4	Rps6
14.	ND04-7621	MN0902CN x RG405RR	new	F4	SCN, Rps6
15.	ND04-7624	MN0902CN x RG405RR	new	F4	SCN, Rps6
16.	ND04-7627	MN0902CN x RG405RR	new	F4	SCN, Rps6
17.	ND04-7650	SD1091RR x RG601NRR	new	F4	Rps6
18.	ND04-7839	Sargent x RG405RR	new	F4	Rps6
19.	ND04-9235	MN0902CN x RG405RR	new	F4	SCN, Rps6
20.	ND04-21470	RG405RR x ND99-0408	new	F3	Rps6
21.	ND04-21523	ND99-0408 x RG200RR	new	F3	Rps1-c
22.	ND04-23038	MN0201 x RG200RR	new	F4	
23.	ND04-23051	M95-265009 x RG200RR	new	F3	Rps1-k
24.	ND04-23873	ND99-2169 x (Jim (3) x RG200RR)	new	F3	Rps1-c
25.	ND04-24958	M92-185003 x RG200RR	new	F3	Rps

UNIFORM TEST 00 Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis		Green Stem	Shattering	PR	
		Score		Score	Score	Lafayette	
		Granite Falls MN	Wilkin County MN	St. Hyacinthe Que.	Manhattan KS	Race 4	Race 7
RG7008RR	PTBDYYI	2.8	2.8	1.0	1.0	R	S
RG200RR	PTBDYYI	2.8	2.8	1.5	2.0	S	S
AG0202	PTBDYBII	3.0	3.3	1.0	2.0	R	R
M01-318027	P+WTBDYBII	3.3	3.3	2.0	2.0	S	S
ND02-7887	PTBDYYI	3.3	3.3	1.0	2.0	R	S
ND02-8320	PTBDYYI	3.0	3.3	1.0	1.0	R	S*
ND03-2063	PTBDYYI	3.0	3.0	1.0	1.0	R	R
ND03-2225	PGBDYYI	2.8	3.0	1.0	2.0	R	R*
ND03-8275	PTBDYBrI	3.5	4.0	1.5	2.0	R	S
ND03-8313	PTBDYBrI	3.5	3.5	1.5	2.0	R*	S
ND03-8315	PTBDYBrI	3.0	3.3	1.0	2.0	R	S
ND04-7325	PTBDYYI	3.0	2.8	1.0	2.0	R	S
ND04-7346	PTBDYY+BII	3.5	3.3	2.0	2.0	R	S
ND04-7621	W+PTBDYBrI	3.5	3.5	2.5	1.0	R	S
ND04-7624	W+PTBDYBrI	3.5	3.5	1.5	1.0	R	S
ND04-7627	WTBDYBrI	3.5	3.0	1.5	1.0	R	S
ND04-7650	PGBDYGrI	2.8	2.5	2.0	1.0	R	S
ND04-7839	PGBDYIbI	4.0	3.5	1.5	1.0	R	S
ND04-9235	W+PTTDYBrI	3.5	3.8	2.0	1.0	R	S
ND04-21470	PGBDYYI	3.5	3.8	2.0	2.0	R	R*
ND04-21523	PTBDYYI	2.8	3.0	1.5	2.0	S	R
ND04-23038	PTBDYYI	2.8	2.8	1.5	1.0	S	S
ND04-23051	PTBDYGrI	3.3	3.8	2.0	1.0	H*	H*
ND04-23873	PGTDYYI	3.5	3.3	2.0	1.0	S	R
ND04-24958	PTBDYHI	2.8	3.0	1.0	2.0	R	R

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

UNIFORM TEST 00 Roundup-Ready, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield 5 bu/a	Rank 5 No.	Maturity 6 Date	Lodging 6 Score	Plant Height 6 In	Seed Size 6 g/100	Seed Quality 6 Score	Composition	
								Protein 6 %	Oil 6 %
RG7008RR	37.2	22	9/8	1.2	28	13.1	1.3	33.3	17.9
RG200RR	37.9	18	4.8	1.4	28	13.6	1.3	33.8	17.6
AG0202	47.0	1	8.7	1.1	30	16.6	1.1	31.0	18.4
M01-318027	38.3	16	7.3	1.3	29	13.3	1.3	34.0	17.4
ND02-7887	34.8	23	0.3	1.2	26	14.5	1.2	30.4	18.0
ND02-8320	38.2	17	-0.3	1.4	27	13.1	1.3	33.6	17.7
ND03-2063	39.0	13	6.3	1.8	30	12.9	1.3	32.3	17.9
ND03-2225	32.6	25	-0.8	1.4	23	15.0	1.4	34.8	18.4
ND03-8275	43.1	2	1.8	1.5	28	15.0	1.2	32.6	19.0
ND03-8313	41.7	6	0.7	1.5	29	14.8	1.3	33.1	18.6
ND03-8315	38.8	14	-0.3	1.3	28	14.3	1.2	34.4	18.6
ND04-7325	37.7	20	-1.0	1.1	27	13.6	1.3	33.9	18.2
ND04-7346	37.6	21	1.5	1.6	29	13.5	1.4	32.2	18.9
ND04-7621	40.9	9	4.8	1.3	31	13.2	1.3	32.2	19.1
ND04-7624	40.3	12	6.5	1.3	30	13.1	1.2	32.2	19.0
ND04-7627	40.4	11	3.5	1.4	30	12.9	1.3	33.0	19.0
ND04-7650	40.7	10	7.3	1.2	32	15.2	1.2	35.2	17.2
ND04-7839	37.9	18	8.2	1.2	29	15.5	1.3	32.4	19.2
ND04-9235	41.9	5	4.3	1.6	31	12.7	1.2	33.2	18.3
ND04-21470	41.4	7	4.8	1.3	33	16.4	1.2	32.9	19.2
ND04-21523	41.4	7	5.5	1.4	31	13.8	1.3	32.4	18.3
ND04-23038	34.8	23	-0.2	1.1	23	13.0	1.4	33.3	18.7
ND04-23051	43.0	3	4.8	1.5	31	12.2	1.3	32.3	18.2
ND04-23873	42.2	4	3.2	1.2	30	13.1	1.3	33.0	18.2
ND04-24958	38.5	15	-1.5	1.6	28	13.0	1.6	33.0	18.3

110.8 Days After Planting

UNIFORM TEST 00 Roundup-Ready, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	10 bu/a	10 No.	11 Date	11 Score	11 In.	11 g/100	10 Score	11 %	11 %
RG200RR	40.8	3	9/14	1.3	30	14.9	1.4	34.3	17.5
ND02-7887	37.6	7	-6.0	1.1	28	15.5	1.2	32.3	18.1
ND02-8320	39.4	5	-5.6	1.2	28	14.5	1.4	33.6	17.8
ND03-2225	38.4	6	-4.0	1.2	26	16.0	1.4	33.7	18.8
ND03-8275	43.5	1	-3.4	1.2	30	16.3	1.2	33.0	18.8
ND03-8313	42.5	2	-5.0	1.2	30	15.7	1.3	33.0	18.5
ND03-8315	40.2	4	-5.5	1.2	28	15.3	1.3	34.3	18.6

111.8 Days After Planting

2005-2007 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	16 bu/a	16 No.	18 Date	18 Score	16 In.	18 g/100	16 Score	18 %	18 %
RG200RR	42.2	1	9/12	1.2	29	14.9	1.3	34.4	17.5
ND02-7887	38.7	3	-4.9	1.1	27	15.5	1.2	32.8	18.1
ND02-8320	41.8	2	-4.6	1.1	27	14.6	1.3	33.6	17.8

111.0 Days After Planting

UNIFORM TEST 00 Roundup-Ready, 2007

YIELD (bu/a)

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe* Que.
RG7008RR	37.2	45.0	21.2	33.5	46.0	40.4	41.8
RG200RR	37.9	38.5	29.2	30.8	49.2	41.8	54.9
AG0202	47.0	49.9	38.1	41.4	55.3	50.1	51.1
M01-318027	38.3	47.9	27.7	33.3	37.4	45.4	46.0
ND02-7887	34.8	42.4	20.2	29.5	42.6	39.5	52.3
ND02-8320	38.2	43.9	24.5	36.0	47.1	39.7	43.8
ND03-2063	39.0	44.7	26.1	36.5	48.9	38.8	45.2
ND03-2225	32.6	35.7	13.0	26.7	50.6	37.1	26.2
ND03-8275	43.1	44.4	32.5	45.1	48.7	44.9	52.9
ND03-8313	41.7	45.7	32.7	38.8	47.6	43.8	46.8
ND03-8315	38.8	44.4	28.5	34.0	46.8	40.1	43.5
ND04-7325	37.7	43.7	25.8	36.1	40.9	42.0	28.3
ND04-7346	37.6	42.3	24.2	32.6	46.8	42.2	31.3
ND04-7621	40.9	42.9	32.7	39.1	43.6	46.0	42.8
ND04-7624	40.3	44.5	30.2	36.0	47.7	42.9	28.2
ND04-7627	40.4	41.6	30.6	36.7	48.1	45.1	33.6
ND04-7650	40.7	41.3	32.7	37.9	47.3	44.3	56.7
ND04-7839	37.9	39.7	25.1	32.9	49.4	42.5	64.8
ND04-9235	41.9	47.1	30.3	39.6	46.3	46.1	35.6
ND04-21470	41.4	42.2	37.8	30.5	52.1	44.4	63.3
ND04-21523	41.4	44.4	34.6	35.4	49.9	42.6	48.4
ND04-23038	34.8	39.1	16.5	36.4	40.3	41.8	18.4
ND04-23051	43.0	49.0	33.2	35.1	51.4	46.1	51.4
ND04-23873	42.2	49.7	35.8	39.6	51.5	34.5	57.1
ND04-24958	38.5	44.9	28.6	37.2	44.1	37.9	29.3
C.V. (%)		7.2	13.5	12.2	8.1	5.7	18.9
L.S.D. (5%)		5.1	6.2	7.1	6.2	3.4	17.1
Row Sp. (in.)		12	10	10	30	16	7
Rows/Plot		8	8	8	4	4	5
Reps		3	3	3	3	3	2

UNIFORM TEST 00 Roundup-Ready, 2007

YIELD RANK

Strain	Yield Rank	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.
RG7008RR	22	7	22	18	19	18	17
RG200RR	18	24	13	22	8	16	5
AG0202	1	1	1	2	1	1	9
M01-318027	16	4	16	19	25	5	12
ND02-7887	23	17	23	24	22	21	7
ND02-8320	17	14	20	13	15	20	14
ND03-2063	13	9	17	10	9	22	13
ND03-2225	25	25	25	25	5	24	24
ND03-8275	2	11	9	1	10	7	6
ND03-8313	6	6	6	6	13	10	11
ND03-8315	14	11	15	17	16	19	15
ND04-7325	20	15	18	12	23	15	22
ND04-7346	21	18	21	21	16	14	20
ND04-7621	9	16	6	5	21	4	16
ND04-7624	12	10	12	13	12	11	23
ND04-7627	11	20	10	9	11	6	19
ND04-7650	10	21	6	7	14	9	4
ND04-7839	18	22	19	20	7	13	1
ND04-9235	5	5	11	3	18	3	18
ND04-21470	7	19	2	23	2	8	2
ND04-21523	7	11	4	15	6	12	10
ND04-23038	23	23	24	11	24	17	25
ND04-23051	3	3	5	16	4	2	8
ND04-23873	4	2	3	3	3	25	3
ND04-24958	15	8	14	8	20	23	21

UNIFORM TEST 00 Roundup-Ready, 2007

MATURITY (date)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.
RG7008RR	9/8	9/6	9/11	9/12	9/6	9/5	9/13
RG200RR	4.8	9	3	11	3	1	2
AG0202	8.7	9	7	10	9	7	10
M01-318027	7.3	11	3	8	6	10	6
ND02-7887	0.3	-4	0	7	-2	0	1
ND02-8320	-0.3	-2	-3	5	-3	0	1
ND03-2063	6.3	5	7	11	6	6	3
ND03-2225	-0.8	20	-12	-2	-6	-2	-3
ND03-8275	1.8	1	1	6	-1	2	2
ND03-8313	0.7	-3	-2	6	4	0	-1
ND03-8315	-0.3	-3	-2	4	-2	0	1
ND04-7325	-1.0	-2	-3	2	-2	0	-1
ND04-7346	1.5	0	1	6	-1	1	2
ND04-7621	4.8	6	3	7	1	6	6
ND04-7624	6.5	9	5	6	4	7	8
ND04-7627	3.5	3	1	6	2	6	3
ND04-7650	7.3	7	7	9	3	9	9
ND04-7839	8.2	15	6	9	5	7	7
ND04-9235	4.3	4	3	6	1	6	6
ND04-21470	4.8	5	3	7	4	5	5
ND04-21523	5.5	4	4	8	4	7	6
ND04-23038	-0.2	14	-8	-1	-4	-1	-1
ND04-23051	4.8	7	3	9	2	5	3
ND04-23873	3.2	3	0	8	2	3	3
ND04-24958	-1.5	-3	-4	0	-2	0	0
Date Planted	5/21	5/15	5/23	5/21	5/18	5/19	5/30
Days to Mature	111	114	111	114	111	109	106

UNIFORM TEST 00 Roundup-Ready, 2007

LODGING (score)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.
RG7008RR	1.2	1.3	1.0	1.0	1.0	2.1	1.0
RG200RR	1.4	1.3	1.0	1.0	1.0	2.9	1.0
AG0202	1.1	1.3	1.0	1.0	1.0	1.4	1.0
M01-318027	1.3	1.3	1.0	1.0	1.0	2.7	1.0
ND02-7887	1.2	1.3	1.0	1.0	1.0	1.6	1.0
ND02-8320	1.4	1.7	1.0	1.0	1.0	2.7	1.0
ND03-2063	1.8	3.0	1.0	1.0	1.0	3.5	1.0
ND03-2225	1.4	2.0	1.0	1.0	1.0	2.1	1.0
ND03-8275	1.5	2.3	1.0	1.0	1.0	2.5	1.0
ND03-8313	1.5	2.0	1.0	1.0	1.0	2.7	1.0
ND03-8315	1.3	1.7	1.0	1.0	1.0	2.2	1.0
ND04-7325	1.1	1.0	1.0	1.0	1.0	1.5	1.0
ND04-7346	1.6	2.3	1.0	1.0	1.0	3.1	1.0
ND04-7621	1.3	1.0	1.0	1.0	1.0	3.0	1.0
ND04-7624	1.3	1.0	1.0	1.0	1.0	2.7	1.0
ND04-7627	1.4	1.0	1.0	1.0	1.0	3.2	1.0
ND04-7650	1.2	1.0	1.0	1.0	1.0	2.4	1.0
ND04-7839	1.2	1.0	1.0	1.0	1.0	2.1	1.0
ND04-9235	1.6	2.3	1.0	1.0	1.0	3.3	1.0
ND04-21470	1.3	1.0	1.0	1.0	1.0	2.8	1.0
ND04-21523	1.4	1.7	1.0	1.0	1.0	2.8	1.0
ND04-23038	1.1	1.0	1.0	1.0	1.0	1.5	1.0
ND04-23051	1.5	2.3	1.0	1.0	1.0	2.7	1.0
ND04-23873	1.2	1.3	1.0	1.0	1.0	2.1	1.0
ND04-24958	1.6	2.3	1.0	1.0	1.0	3.0	1.0

UNIFORM TEST 00 Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.
RG7008RR	28	27	21	22	33	37	27
RG200RR	28	24	20	24	35	37	29
AG0202	30	29	25	26	36	38	29
M01-318027	29	28	23	25	34	38	28
ND02-7887	26	26	19	23	30	33	27
ND02-8320	27	28	20	21	33	36	23
ND03-2063	30	31	23	28	35	37	26
ND03-2225	23	25	15	17	28	32	21
ND03-8275	28	27	25	25	32	35	27
ND03-8313	29	29	23	22	35	38	28
ND03-8315	28	28	23	21	32	37	24
ND04-7325	27	28	22	24	30	35	20
ND04-7346	29	29	21	24	34	39	25
ND04-7621	31	30	28	27	34	38	31
ND04-7624	30	30	26	26	32	39	28
ND04-7627	30	29	26	25	34	41	25
ND04-7650	32	28	28	29	35	37	32
ND04-7839	29	24	23	24	33	35	33
ND04-9235	31	30	25	29	38	38	29
ND04-21470	33	30	28	26	37	42	33
ND04-21523	31	31	26	27	36	37	28
ND04-23038	23	22	18	19	29	33	19
ND04-23051	31	29	28	25	36	35	30
ND04-23873	30	29	25	26	36	38	28
ND04-24958	28	25	25	24	31	38	24

UNIFORM TEST 00 Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.
RG7008RR	13.1	12.5	13.8	12.3	13.2	13.6	13.3
RG200RR	13.6	12.9	13.4	12.9	12.7	14.3	15.3
AG0202	16.6	15.7	16.1	15.9	16.6	17.3	17.9
M01-318027	13.3	13.3	13.4	12.8	13.2	14.3	13.0
ND02-7887	14.5	13.6	15.2	13.9	14.1	14.6	15.5
ND02-8320	13.1	12.4	13.5	13.3	12.6	14.2	12.8
ND03-2063	12.9	12.5	13.7	11.9	11.9	14.7	12.8
ND03-2225	15.0	13.3	16.4	14.6	16.5	14.9	14.2
ND03-8275	15.0	14.3	15.4	13.9	14.5	15.5	16.5
ND03-8313	14.8	14.8	15.8	13.9	14.4	14.7	15.1
ND03-8315	14.3	13.9	14.5	14.2	14.3	14.3	14.5
ND04-7325	13.6	12.6	14.6	13.4	12.9	14.9	13.3
ND04-7346	13.5	13.1	13.7	12.4	13.2	15.1	13.5
ND04-7621	13.2	12.4	14.0	12.2	12.2	14.0	14.3
ND04-7624	13.1	12.6	12.6	12.4	12.3	14.2	14.3
ND04-7627	12.9	12.6	13.0	12.4	12.6	14.0	12.6
ND04-7650	15.2	14.5	14.9	13.0	14.7	16.9	16.9
ND04-7839	15.5	15.0	15.6	14.5	15.1	16.4	16.6
ND04-9235	12.7	11.7	12.1	11.5	14.8	13.5	12.6
ND04-21470	16.4	16.0	16.4	15.6	16.1	16.8	17.4
ND04-21523	13.8	12.6	14.4	13.0	13.3	14.9	14.5
ND04-23038	13.0	12.6	14.0	12.2	13.2	13.9	12.0
ND04-23051	12.2	11.6	12.0	11.2	11.9	14.2	12.4
ND04-23873	13.1	12.8	13.6	12.8	13.2	12.9	13.2
ND04-24958	13.0	11.8	13.4	12.5	12.5	14.1	13.8

UNIFORM TEST 00 Roundup-Ready, 2007

SEED QUALITY (score)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.
RG7008RR	1.3	1.0	1.0	1.5	1.0	1.0	2.0
RG200RR	1.3	1.0	1.5	1.5	1.0	1.0	2.0
AG0202	1.1	1.0	1.0	1.5	1.0	1.0	1.0
M01-318027	1.3	1.0	1.0	1.5	1.0	1.0	2.0
ND02-7887	1.2	1.0	1.5	1.5	1.0	1.0	1.0
ND02-8320	1.3	1.0	1.5	1.5	1.0	1.0	2.0
ND03-2063	1.3	1.0	1.0	1.5	1.0	1.0	2.0
ND03-2225	1.4	1.0	2.0	1.5	1.0	1.0	2.0
ND03-8275	1.2	1.0	1.5	1.5	1.0	1.0	1.0
ND03-8313	1.3	1.0	1.5	1.5	1.0	1.0	1.5
ND03-8315	1.2	1.0	1.5	1.5	1.0	1.0	1.0
ND04-7325	1.3	1.0	1.0	1.5	1.0	1.0	2.0
ND04-7346	1.4	1.0	1.5	1.5	1.0	1.0	2.5
ND04-7621	1.3	1.0	1.5	1.5	1.0	1.0	1.5
ND04-7624	1.2	1.0	1.5	1.5	1.0	1.0	1.0
ND04-7627	1.3	1.0	1.5	1.5	1.0	1.0	1.5
ND04-7650	1.2	1.0	1.5	1.5	1.0	1.0	1.0
ND04-7839	1.3	1.5	1.5	1.5	1.0	1.0	1.0
ND04-9235	1.2	1.0	1.5	1.5	1.0	1.0	1.0
ND04-21470	1.2	1.0	1.5	1.5	1.0	1.0	1.0
ND04-21523	1.3	1.0	1.5	1.5	1.0	1.0	2.0
ND04-23038	1.4	1.0	2.0	1.5	1.0	1.0	2.0
ND04-23051	1.3	1.0	1.0	1.5	1.0	1.0	2.0
ND04-23873	1.3	1.0	1.5	1.5	1.0	1.0	2.0
ND04-24958	1.6	1.5	1.5	1.5	1.0	1.0	3.0

UNIFORM TEST 00 Roundup-Ready, 2007

PROTEIN (%)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.
RG7008RR	33.3	32.0	31.0	30.2	33.7	37.9	35.1
RG200RR	33.8	33.2	30.9	31.0	34.5	37.5	35.8
AG0202	31.0	31.5	27.1	28.5	31.0	34.3	33.7
M01-318027	34.0	32.7	31.1	31.5	34.1	38.5	36.5
ND02-7887	30.4	32.8	30.6	31.9	14.1	37.4	35.4
ND02-8320	33.6	32.3	31.4	31.2	33.7	37.7	35.4
ND03-2063	32.3	32.1	27.7	29.6	33.0	36.0	35.3
ND03-2225	34.8	33.1	33.6	32.0	35.7	38.7	35.7
ND03-8275	32.6	31.7	29.8	30.0	33.1	36.2	34.6
ND03-8313	33.1	31.9	30.3	30.5	33.4	37.1	35.3
ND03-8315	34.4	32.3	34.8	31.7	34.3	37.3	35.9
ND04-7325	33.9	32.4	31.5	30.1	35.3	38.3	35.8
ND04-7346	32.2	31.1	28.6	29.5	32.3	37.1	34.5
ND04-7621	32.2	31.6	29.9	29.2	31.5	35.8	35.4
ND04-7624	32.2	32.2	28.9	29.3	31.9	35.7	35.5
ND04-7627	33.0	32.3	30.9	30.1	33.3	36.4	35.1
ND04-7650	35.2	34.0	32.9	32.6	35.8	38.8	37.1
ND04-7839	32.4	32.3	29.4	29.9	32.3	36.1	34.6
ND04-9235	33.2	32.4	30.5	29.6	33.9	36.7	36.1
ND04-21470	32.9	31.9	30.5	30.3	33.5	36.2	34.8
ND04-21523	32.4	31.8	28.6	30.2	33.1	36.2	34.7
ND04-23038	33.3	31.8	31.6	30.3	33.9	36.6	35.4
ND04-23051	32.3	30.5	28.9	29.9	32.6	36.9	34.8
ND04-23873	33.0	32.1	30.7	29.8	32.3	38.3	35.0
ND04-24958	33.0	31.9	29.8	29.6	33.7	38.0	35.1

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

UNIFORM TEST 00 Roundup-Ready, 2007

OIL (%)

Strain	Mean 6 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Ottawa Ont	St. Hyacinthe Que.
RG7008RR	17.9	17.6	18.8	18.4	18.1	16.0	18.4
RG200RR	17.6	17.3	18.7	17.5	17.3	16.5	18.3
AG0202	18.4	17.8	19.5	18.6	17.9	18.0	18.9
M01-318027	17.4	17.1	18.2	17.3	18.0	15.9	18.1
ND02-7887	18.0	18.4	19.3	17.8	17.4	16.6	18.7
ND02-8320	17.7	17.6	18.0	17.8	18.3	16.1	18.3
ND03-2063	17.9	17.2	19.3	17.5	18.2	17.1	18.2
ND03-2225	18.4	19.0	19.0	19.0	18.0	16.6	18.8
ND03-8275	19.0	19.3	19.8	18.6	19.1	17.7	19.6
ND03-8313	18.6	19.0	19.4	19.0	18.4	17.2	19.0
ND03-8315	18.6	19.0	19.8	19.1	17.7	17.1	18.9
ND04-7325	18.2	18.2	19.0	19.1	17.8	16.7	18.7
ND04-7346	18.9	18.9	20.2	19.4	18.3	17.1	19.2
ND04-7621	19.1	18.7	19.9	19.4	19.4	18.5	18.9
ND04-7624	19.0	18.8	20.3	19.4	18.2	18.4	18.7
ND04-7627	19.0	18.9	19.4	19.2	18.9	18.4	19.1
ND04-7650	17.2	16.9	17.6	17.4	17.3	16.3	17.7
ND04-7839	19.2	18.8	20.3	18.8	19.6	18.2	19.6
ND04-9235	18.3	18.0	18.9	18.8	18.6	17.2	18.4
ND04-21470	19.2	18.9	20.0	19.1	19.3	18.3	19.6
ND04-21523	18.3	17.9	19.8	18.1	17.7	17.2	18.9
ND04-23038	18.7	18.7	19.8	18.8	18.8	17.5	18.9
ND04-23051	18.2	18.1	19.1	18.1	18.0	17.1	18.9
ND04-23873	18.2	18.5	19.5	18.9	17.3	16.1	19.1
ND04-24958	18.3	19.0	20.0	19.4	16.0	16.5	19.1

Uniform Test 0 Roundup-Ready, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	RG200RR	Traill*3 x (Council x Resnik(RR))	3		RR
2.	AG0801	na	3		
3.	SD1111RR (L)	A97-771039 x SD1081RR	3	F4	RR
4.	M00-528090	MN0304 x M96-134102	PTI	F5	Rps1
5.	ND96-8929E	Walsh*3 x ND92-2381(RR)	2	F4	Rps6
6.	ND02-4997	SD1091RR x Barnes	1	F3	Rps6
7.	ND02-7868	Walsh x RG200RR	1	F3	Rps6
8.	ND03-2304	Jim x RG405RR	1	F4	Rps6
9.	ND03-3281	Barnes x RG200RR	1	F4	Rps6
10.	ND03-8688	(SD96-702 x ND92-2381RR) x RG405RR	1	F3	Rps6
11.	SD03-1774R	Pion 9091 x SD1081RR	1	F5	RR, Rps1-a
12.	SD03-2271R	IA 2038 x SD93-828E	1	F5	RR, Rps1-k, Rps6
13.	SD03-3459R	A97-771039 x SD1081RR	1	F5	RR
14.	SD03-3794R	SD93-828E x SD99-003R	1	F5	RR, Rps1-k, Rps6
15.	SD03-3825R	SD1091RR x Dwight	1	F5	RR
16.	SD03-3920R	SD93-828R x SD99-034R	1	F5	RR, Rps1-k, Rps6

UNIFORM TEST 0 Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>		<u>Green Stem</u>	<u>Shattering</u>	<u>NSC</u>	<u>PR</u>	
		Score		Score	Score	Score (0-10)	Lafayette	
		Granite Falls MN	Wilkin County MN	St. Hyacinthe Que.	Manhattan KS	Brookings SD	Race 4	Race 7
RG200RR	PTBDYYI	3.5	3.0	1.0	1.0	3.3	S	S
AG0801	PTBDYBII	3.5	2.5	1.0	1.0	2.0	R	R
SD1111RR (L)	PGBDYII	3.8	3.3	1.0	1.0	2.0	S	S
M00-528090	WGTDYII	3.5	3.0	2.5	1.0	3.5	S	S
ND96-8929E	PGBDYGrI	3.3	3.5	1.5	1.0	4.5	R	S
ND02-4997	PGBDYIbI	3.3	3.0	1.0	1.0	1.0	R	S
ND02-7868	PGBDYGrI	3.3	2.8	2.0	1.0	6.0	R	S
ND03-2304	PGBDYBfI	4.0	3.3	1.0	1.0	4.0	R	R*
ND03-3281	PGBDYLbI	3.5	3.3	1.5	1.0	4.5	R	S
ND03-8688	PGBDYLbI	3.3	3.5	1.0	1.0	6.0	R	S
SD03-1774R	PGBDYII	2.8	3.0	1.0	1.0	1.5	S	R*
SD03-2271R	PGTDYGr+IbI	3.8	3.3	1.0	1.0	2.5	R	R
SD03-3459R	PGBDYDbfI	3.3	3.5	1.5	1.0	4.0	S	S
SD03-3794R	PGBDYGrI	3.5	2.8	1.0	2.0	4.0	R	R
SD03-3825R	PGBDYII	4.0	3.5	1.0	1.0	5.0	S	S
SD03-3920R	PTBDYBII	3.8	3.0	1.0	2.0	4.5	R	R

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

UNIFORM TEST 0 Roundup-Ready, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	7 bu/a	7 No.	7 Date	8 Score	8 In.	8 g/100	8 Score	8 Protein %	8 Oil %
RG200RR	35.6	16	9/12	1.9	30	15.6	1.6	35.9	17.2
AG0801	40.2	12	7.0	1.9	32	16.4	1.6	33.2	17.8
SD1111RR (L)	46.0	2	10.3	1.9	37	16.2	1.4	32.9	18.7
M00-528090	39.9	13	5.9	1.8	32	16.0	1.5	35.8	17.8
ND96-8929E	36.3	15	1.9	1.7	31	15.6	1.6	35.1	17.8
ND02-4997	40.9	10	5.7	1.7	33	18.2	1.8	35.3	18.4
ND02-7868	39.8	14	3.6	2.0	33	16.0	1.5	34.4	18.3
ND03-2304	40.3	11	7.9	2.0	37	16.5	1.7	34.3	18.6
ND03-3281	42.4	9	6.0	1.8	36	18.1	1.7	33.6	19.6
ND03-8688	42.8	7	6.7	1.6	30	16.7	1.5	33.0	19.0
SD03-1774R	45.0	3	8.9	1.6	31	17.0	1.6	32.6	19.2
SD03-2271R	43.0	6	8.9	1.9	34	15.9	1.8	34.0	18.5
SD03-3459R	48.9	1	8.6	1.5	32	16.5	1.6	32.8	18.7
SD03-3794R	44.4	4	10.3	1.6	33	15.0	1.9	33.6	18.6
SD03-3825R	42.5	8	16.7	2.0	36	16.8	1.5	33.9	17.9
SD03-3920R	44.3	5	10.0	1.6	35	13.6	1.4	33.5	18.3

108.8 Days After Planting

UNIFORM TEST 0 Roundup-Ready, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	14 bu/a	14 No.	18 Date	18 Score	17 In.	19 g/100	16 Score	17 %	17 %
RG200RR	36.7	15	9/11	1.5	28	15.2	1.7	35.4	17.4
AG0801	43.9	6	7.2	1.6	32	16.2	1.5	33.4	17.8
SD1111RR (L)	47.7	2	10.3	1.6	34	16.1	1.6	33.0	18.6
ND96-8929E	37.7	14	0.9	1.3	27	15.3	1.6	34.9	18.1
ND02-4997	43.8	7	5.4	1.5	32	18.1	1.8	35.3	18.4
ND02-7868	39.9	13	2.9	1.5	30	15.6	1.7	34.4	18.2
ND03-2304	41.4	12	5.9	1.6	33	16.4	1.7	34.8	18.1
ND03-3281	43.1	10	5.2	1.5	34	16.5	1.7	34.2	18.6
ND03-8688	43.7	8	7.4	1.3	29	16.8	1.6	33.0	18.7
SD03-1774R	46.6	15	8.0	1.4	29	16.7	1.6	32.9	18.9
SD03-2271R	44.5	5	8.5	1.6	32	15.4	1.8	33.6	18.4
SD03-3459R	48.2	1	9.4	1.3	30	16.6	1.5	32.9	18.5
SD03-3794R	43.7	8	9.9	1.4	31	14.9	1.8	33.5	18.4
SD03-3825R	42.9	11	12.1	1.5	31	16.6	1.6	34.2	17.8
SD03-3920R	45.8	4	10.1	1.4	33	13.4	1.5	33.6	18.2

108.5 Days After Planting

2005-2007 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	24 bu/a	24 No.	28 Date	28 Score	26 In.	29 g/100	23 Score	24 %	24 %
RG200RR	38.6	4	9/13	1.6	29	15.0	1.7	35.3	17.4
AG0801	46.8	2	7.3	1.6	33	16.1	1.5	33.4	17.9
SD1111RR (L)	49.3	1	10.1	1.7	35	15.8	1.6	33.1	18.5
ND96-8929E	39.9	3	1.0	1.3	28	15.3	1.6	34.7	18.0

109.3 Days After Planting

UNIFORM TEST 0 Roundup-Ready, 2007

YIELD (bu/a)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont	Ottawa Ont	St.	Aurora SD	Watertown SD
							Hyacinthe* Que.		
RG200RR	35.6	27.9	27.8	51.1	33.4	40.5	49.2	28.1	40.1
AG0801	40.2	35.0	40.0	52.6	36.8	40.7	51.9	32.3	44.3
SD1111RR (L)	46.0	34.5	38.6	55.3	56.8	50.5	63.8	40.1	46.1
M00-528090	39.9	32.0	42.1	51.1	43.5	38.0	60.8	31.0	41.8
ND96-8929E	36.3	28.7	35.2	51.5	34.8	41.4	51.1	27.1	35.3
ND02-4997	40.9	33.9	36.1	49.5	48.2	44.8	56.0	32.2	41.9
ND02-7868	39.8	32.0	36.8	50.3	40.8	43.8	66.0	33.0	42.2
ND03-2304	40.3	31.2	38.0	50.6	41.6	41.4	69.3	40.3	38.8
ND03-3281	42.4	35.7	39.3	53.4	49.0	42.0	54.6	36.4	40.9
ND03-8688	42.8	34.4	39.5	58.1	45.1	45.7	54.4	33.5	43.3
SD03-1774R	45.0	28.3	43.2	58.5	49.6	54.6	74.7	37.6	43.4
SD03-2271R	43.0	34.2	38.5	51.3	45.4	52.7	72.0	37.3	41.7
SD03-3459R	48.9	37.3	43.0	59.5	59.0	58.6	76.9	34.3	50.4
SD03-3794R	44.4	37.0	45.3	52.5	47.3	48.2	57.1	38.8	41.7
SD03-3825R	42.5	28.5	29.0	49.4	56.1	51.7	74.7	42.4	40.4
SD03-3920R	44.3	36.8	41.0	53.8	54.4	43.9	70.7	39.7	40.3
C.V. (%)		10.4	12.8	7.1	10.5	5.5	18.0	9.1	6.2
L.S.D. (5%)		5.7	8.2	6.5	9.0	3.6	24.1	5.4	4.3
Row Sp. (In.)		10	10	30	14	16	7	30	30
Rows/Plot		8	8	4	4	4	5	4	4
Reps		3	3	3	2	3	2	3	3

*Data not included in mean.

UNIFORM TEST 0 Roundup-Ready, 2007

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont	Ottawa Ont	St.	Aurora SD	Watertown SD
							Hyacinthe Que.		
RG200RR	16	16	16	11	16	15	16	15	14
AG0801	12	5	6	7	14	14	14	12	3
SD1111RR (L)	2	6	9	4	2	5	8	3	2
M00-528090	13	10	4	11	11	16	9	14	8
ND96-8929E	15	13	14	9	15	13	15	16	16
ND02-4997	10	9	13	15	7	8	11	13	7
ND02-7868	14	10	12	14	13	10	7	11	6
ND03-2304	11	12	11	13	12	12	6	2	15
ND03-3281	9	4	8	6	6	11	12	8	11
ND03-8688	7	7	7	3	10	7	13	10	5
SD03-1774R	3	15	2	2	5	2	2	6	4
SD03-2271R	6	8	10	10	9	3	4	7	9
SD03-3459R	1	1	3	1	1	1	1	9	1
SD03-3794R	4	2	1	8	8	6	10	5	9
SD03-3825R	8	14	15	16	3	4	3	1	12
SD03-3920R	5	3	5	5	4	9	5	4	13

UNIFORM TEST 0 Roundup-Ready, 2007

MATURITY (date)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	9/12		9/17	9/11	9/8	9/7	9/16	9/9	9/16
AG0801	7.0		4	11	9	11	12	-4	6
SD1111RR (L)	10.3		7	16	14	16	13	7	-1
M00-528090	5.9		4	9	7	11	5	2	3
ND96-8929E	1.9		0	4	1	6	2	-3	3
ND02-4997	5.7		2	5	7	13	10	2	1
ND02-7868	3.6		1	5	2	8	4	0	5
ND03-2304	7.9		3	10	7	13	10	6	6
ND03-3281	6.0		3	8	10	12	8	2	-1
ND03-8688	6.7		6	12	11	12	12	2	-8
SD03-1774R	8.9		6	17	10	13	11	2	3
SD03-2271R	8.9		4	16	10	13	11	8	0
SD03-3459R	8.6		7	16	14	13	5	7	-2
SD03-3794R	10.3		7	17	12	16	15	6	-1
SD03-3825R	16.7		9	27	20	22	22	13	4
SD03-3920R	10.0		6	15	15	16	14	4	0
Date Planted	5/26	6/6	6/5	5/18	5/31	5/19	5/30	5/14	5/25
Days to Mature	109		104	116	100	111	109	118	114

UNIFORM TEST 0 Roundup-Ready, 2007

LOGGING (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	1.9	4.0	1.3	1.0	1.0	3.4	1.5	2.0	1.0
AG0801	1.9	2.7	1.7	1.0	1.0	2.9	1.5	2.0	2.0
SD1111RR (L)	1.9	3.0	2.3	1.0	1.0	3.6	1.5	1.0	2.0
M00-528090	1.8	3.0	1.7	1.0	1.0	2.5	2.0	1.0	2.0
ND96-8929E	1.7	2.0	1.3	1.0	1.0	3.4	1.5	1.0	2.0
ND02-4997	1.7	2.7	1.3	1.0	1.0	3.4	1.5	2.0	1.0
ND02-7868	2.0	3.3	2.0	1.0	1.0	3.3	1.5	2.0	2.0
ND03-2304	2.0	3.3	2.0	1.3	1.0	3.6	2.0	1.0	2.0
ND03-3281	1.8	2.3	2.0	1.0	1.0	3.1	1.0	2.0	2.0
ND03-8688	1.6	2.3	1.0	1.0	1.0	1.9	1.5	2.0	2.0
SD03-1774R	1.6	2.0	1.3	1.0	1.0	2.7	1.5	2.0	1.0
SD03-2271R	1.9	3.0	2.0	1.0	1.0	3.0	1.5	2.0	2.0
SD03-3459R	1.5	2.0	1.7	1.0	1.0	2.2	1.0	2.0	1.0
SD03-3794R	1.6	2.3	1.3	1.0	1.0	2.9	1.5	2.0	1.0
SD03-3825R	2.0	2.7	2.0	1.3	1.0	3.7	1.0	2.0	2.0
SD03-3920R	1.6	2.3	2.0	1.0	1.0	2.6	1.0	2.0	1.0

UNIFORM TEST 0 Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	30	34	27	33	23	37	29	27	28
AG0801	32	35	30	36	27	39	31	26	34
SD1111RR (L)	37	37	35	41	31	46	39	27	37
M00-528090	32	38	36	32	25	35	31	23	39
ND96-8929E	31	30	28	34	24	42	32	20	36
ND02-4997	33	32	31	37	29	40	38	30	30
ND02-7868	33	36	30	38	26	42	35	29	30
ND03-2304	37	40	35	40	29	43	39	33	36
ND03-3281	36	36	34	42	31	44	38	30	36
ND03-8688	30	31	31	35	23	39	29	23	32
SD03-1774R	31	27	30	37	24	37	33	28	29
SD03-2271R	34	33	31	38	26	40	35	31	37
SD03-3459R	32	31	30	34	26	38	34	22	39
SD03-3794R	33	35	32	42	27	41	32	27	29
SD03-3825R	36	39	30	40	33	43	38	33	33
SD03-3920R	35	39	31	38	31	41	36	33	30

UNIFORM TEST 0 Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	15.6	15.4	17.6	13.7	16.8	14.4	14.8	16.5	15.9
AG0801	16.4	15.2	17.2	14.2	18.1	16.3	16.4	17.7	16.1
SD1111RR (L)	16.2	16.0	16.5	14.6	17.6	16.3	15.0	19.0	14.3
M00-528090	16.0	16.4	18.6	13.4	16.5	14.9	14.9	18.7	14.6
ND96-8929E	15.6	15.4	17.8	13.6	17.0	15.5	14.3	16.5	14.4
ND02-4997	18.2	18.0	18.4	16.4	19.8	18.2	16.8	21.3	16.7
ND02-7868	16.0	14.7	18.1	13.6	16.9	15.6	16.2	18.1	14.6
ND03-2304	16.5	15.6	17.2	14.2	18.7	16.1	16.2	19.0	15.1
ND03-3281	18.1	17.8	19.2	15.2	20.6	16.7	18.0	21.0	15.9
ND03-8688	16.7	16.7	17.8	15.0	17.4	15.5	15.4	20.6	15.0
SD03-1774R	17.0	16.2	18.5	14.9	18.4	16.7	17.6	18.5	15.1
SD03-2271R	15.9	15.1	15.4	13.3	16.6	16.4	17.4	16.8	16.0
SD03-3459R	16.5	15.5	16.0	15.1	19.0	16.8	15.9	18.7	14.7
SD03-3794R	15.0	13.4	15.7	13.6	15.6	15.6	14.3	16.6	14.9
SD03-3825R	16.8	14.1	15.4	14.1	19.1	19.6	17.9	18.5	15.8
SD03-3920R	13.6	12.9	13.8	11.3	14.8	14.4	13.2	15.3	12.7

UNIFORM TEST 0 Roundup-Ready, 2007

SEED QUALITY (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	1.6	1.5	2.0	1.0	2.0	1.0	1.5	2.0	2.0
AG0801	1.6	1.5	2.0	1.0	2.0	1.0	1.0	2.0	2.0
SD1111RR (L)	1.4	1.5	1.5	1.0	1.5	1.0	1.0	2.0	2.0
M00-528090	1.5	1.5	1.5	1.0	2.0	1.0	1.0	2.0	2.0
ND96-8929E	1.6	1.5	1.0	1.0	2.0	1.0	1.0	2.0	3.0
ND02-4997	1.8	1.5	2.0	1.0	2.0	1.3	1.5	3.0	2.0
ND02-7868	1.5	1.5	1.5	1.0	2.0	1.0	1.0	2.0	2.0
ND03-2304	1.7	1.5	2.0	1.0	2.0	1.0	1.0	3.0	2.0
ND03-3281	1.7	1.5	2.0	1.0	2.0	1.0	1.0	2.0	3.0
ND03-8688	1.5	1.5	1.5	1.0	2.0	1.0	1.0	2.0	2.0
SD03-1774R	1.6	1.5	1.5	1.0	2.0	1.0	1.0	2.0	3.0
SD03-2271R	1.8	1.5	1.5	1.0	2.0	1.0	1.5	3.0	3.0
SD03-3459R	1.6	1.5	1.5	1.0	1.5	1.0	1.0	2.0	3.0
SD03-3794R	1.9	1.5	1.5	1.0	2.0	1.0	2.0	3.0	3.0
SD03-3825R	1.5	1.5	1.0	1.0	1.5	1.7	1.0	2.0	2.0
SD03-3920R	1.4	1.5	1.5	1.0	1.5	1.0	1.0	2.0	2.0

UNIFORM TEST 0 Roundup-Ready, 2007

PROTEIN (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont.	Ottawa Ont.	Aurora SD	Watertown SD	St. Hyacinthe Que.
RG200RR	35.9	33.6	36.9	34.6	38.6	38.3	35.0	35.0	34.8
AG0801	33.2	31.1	33.9	29.3	35.8	35.1	34.5	32.2	33.8
SD1111RR (L)	32.9	29.6	34.3	31.1	35.4	34.0	33.7	32.4	32.9
M00-528090	35.8	34.2	36.6	32.9	38.2	37.8	35.2	34.9	36.5
ND96-8929E	35.1	32.3	35.8	33.9	36.8	38.3	35.1	33.5	35.4
ND02-4997	35.3	32.5	36.2	33.1	38.0	37.1	36.2	34.5	35.1
ND02-7868	34.4	31.9	35.1	33.1	36.5	36.4	33.8	33.7	34.9
ND03-2304	34.3	32.6	35.0	31.8	36.7	35.8	34.5	33.4	34.5
ND03-3281	33.6	29.7	34.0	31.1	36.6	35.1	33.8	34.1	34.2
ND03-8688	33.0	30.2	32.4	33.9	35.0	34.3	32.6	32.3	33.5
SD03-1774R	32.6	30.3	32.8	31.7	33.9	34.3	32.2	31.9	33.7
SD03-2271R	34.0	32.7	34.2	31.5	36.5	35.1	34.2	33.3	34.1
SD03-3459R	32.8	30.3	33.0	30.7	35.8	34.2	33.9	31.7	32.8
SD03-3794R	33.6	31.5	33.7	32.1	36.1	35.2	32.6	33.3	33.9
SD03-3825R	33.9	32.5	34.5	31.9	36.4	35.0	33.4	33.4	34.0
SD03-3920R	33.5	31.8	33.2	32.2	36.5	34.6	33.2	32.1	34.4

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

UNIFORM TEST 0 Roundup-Ready, 2007

OIL (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont.	Ottawa Ont.	Aurora SD	Watertown SD	St. Hyacinthe Que.
RG200RR	17.2	17.9	16.5	17.1	17.1	16.0	18.3	16.9	18.2
AG0801	17.8	17.7	17.4	16.2	18.4	17.7	18.1	18.7	18.6
SD1111RR (L)	18.7	19.9	17.8	17.9	18.4	19.1	18.1	18.9	19.4
M00-528090	17.8	17.5	17.7	18.2	17.4	16.6	18.5	18.1	18.3
ND96-8929E	17.8	18.5	18.3	17.1	18.1	16.4	18.6	17.5	17.9
ND02-4997	18.4	19.5	18.1	17.7	18.0	17.7	18.1	19.0	18.9
ND02-7868	18.3	18.8	18.0	18.3	18.0	17.3	19.2	18.3	18.7
ND03-2304	18.6	19.2	19.3	17.5	18.4	18.1	18.7	19.2	18.8
ND03-3281	19.6	21.7	19.2	17.9	18.9	19.1	20.0	19.7	20.0
ND03-8688	19.0	19.9	18.8	19.6	18.6	18.5	19.3	18.5	19.0
SD03-1774R	19.2	21.0	18.0	17.2	19.3	19.3	19.9	19.7	19.1
SD03-2271R	18.5	19.2	18.1	18.3	18.0	18.4	18.5	18.5	19.2
SD03-3459R	18.7	19.0	18.3	17.8	18.5	18.9	18.5	19.1	19.5
SD03-3794R	18.6	19.2	18.2	18.4	18.2	18.6	19.1	18.5	19.0
SD03-3825R	17.9	17.7	17.2	16.9	17.9	18.4	18.5	17.5	19.0
SD03-3920R	18.3	19.0	18.0	17.2	18.2	18.4	18.8	18.5	18.6

Preliminary Test 0 Roundup-Ready, 2007

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	RG200RR	Traill*3 x (Council x Resnik(RR))		RR
2.	AG0801	na		
3.	SD1111RR (L)	A97-771039 x SD1081RR	F4	RR
4.	M01-318104	M94-161045 x MN1504RR	F5	
5.	M01-321123	MN0302 x MN0206RR	F5	
6.	M01-322056	MN1803RR x MN0206RR	F5	
7.	M01-322091	MN1803RR x MN0206RR	F5	
8.	ND04-7582	RG405RR x ND92-2381	F4	Rps6
9.	ND04-7583	RG405RR x ND92-2381	F4	Rps6
10.	ND04-7617	MN0902CN x RG405RR	F4	SCN, Rps6
11.	ND04-7791	Sargent x RG405RR	F4	Rps6
12.	ND04-7793	Sargent x RG405RR	F4	Rps6
13.	ND04-9031	RG405RR x RG200RR	F4	Rps6
14.	ND04-21273	SD1091RR x M95-265009	F3	Rps1-k
15.	ND04-22777	RG405RR x ND-0413	F3	Rps6
16.	ND04-22815	RG405RR x ND-0413	F3	Rps6
17.	ND04-23645	ND99-2169 x RG405RR	F3	Rps6
18.	ND04-24208	RG405RR x [Barnes x IA1009]	F3	SCN
19.	ND04-24209	RG405RR x [Barnes x IA1009]	F3	SCN
20.	ND04-24592	RG405RR x [Loda x MN0902CN]	F3	SCN
21.	ND04-25042	RG405RR x ND99-2169	F3	Rps6
22.	ND04-25215	RG405RR x ND99-2169	F3	Rps6
23.	SD04R-2383	HS96-3332 x SD1091RR	F4	RR
24.	SD04R-2733	Parker x SD1081RR	F4	RR
25.	SD04R-3254	SD97-2998 x SD93-828R	F4	RR
26.	SD04R-3441	SD93-828R x SD99-009R	F4	RR
27.	SD04R-3666	SD99-018R x SD99-007R	F4	RR
28.	SD04R-4273	Pioneer 9092 x SD1081RR	F4	RR
29.	SD04R-4281	Pioneer 9092 x SD1081RR	F4	RR
30.	SD04R-4284	Pioneer 9092 x SD1081RR	F4	RR
31.	SD04R-4490	IA 2042 x SD1081RR	F4	RR

PRELIMINARY TEST 0 Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis		Green Stem	Shattering	PR	
		Score		Score	Score	Lafayette	
		Granite Falls MN	Wilkin County MN	St. Hyacinthe Que.	Manhattan KS	Race 4	Race 7
RG200RR	PTBDYYI	3.8	2.5	1.0	1.0	S	S
AG0801	PTBDYBII	3.3	2.5	1.0	1.0	R	R
SD1111RR (L)	PGBDYYI	3.8	3.3	1.0	1.0	S	S
M01-318104	W+PGBDYLbfi	3.8	3.3	2.5	3.0	R*	R*
M01-321123	WGBDYLbfi	3.8	3.5	2.0	1.0	R*	R*
M01-322056	PGBDYIb+Bfi	3.8	3.0	2.0	1.0	S	S
M01-322091	W+PGBDYBfi	3.8	3.3	2.0	3.0	S	S
ND04-7582	PGBDYLbf+YI	3.5	3.5	1.0	2.0	R	R*
ND04-7583	PGBDYLbf+YI	4.0	3.5	1.0	1.0	R	R*
ND04-7617	PGBDYHI	3.8	3.8	1.0	1.0	R	S
ND04-7791	W+PGBDYLbfi	4.0	4.0	1.0	1.0	R	S
ND04-7793	WGBDYBfi	4.3	3.3	1.5	2.0	R	S
ND04-9031	PGBDYGrI	3.8	3.0	1.0	2.0	R	S
ND04-21273	PGTDYIbI	3.5	2.8	1.0	1.0	R	R
ND04-22777	PGTDYY+GrI	4.5	3.8	2.0	3.0	R	S
ND04-22815	PGTDYYI	4.0	3.5	1.0	3.0	R	R*
ND04-23645	PGTDYYI	4.0	3.3	1.0	3.0	R	R*
ND04-24208	PGBDYBfi	4.0	3.5	1.0	2.0	R*	S
ND04-24209	PGBDYBfi	4.0	3.8	1.0	1.0	R*	S
ND04-24592	PTBDYBrI	4.3	3.0	1.0	1.0	S	S
ND04-25042	PGT+BDYBfi	4.0	3.8	1.0	3.0	R	S
ND04-25215	PGBDYBfi	4.0	4.3	1.0	2.0	R	R*
SD04R-2383	PGBDYIbI	3.8	3.3	1.0	1.0	H*	R*
SD04R-2733	PGBDYYI	3.3	3.0	1.0	2.0	S	S
SD04R-3254	PTTDYBII	4.0	3.0	1.5	2.0	R*	R*
SD04R-3441	PGTDYIbI	3.8	3.0	1.0	1.0	R*	R*
SD04R-3666	PTBDYBII	4.5	4.3	2.0	1.0	R*	R*
SD04R-4273	PGBDYYI	3.5	3.5	1.0	2.0	S	R*
SD04R-4281	PGBDYYI	3.5	2.5	1.0	2.0	S	R*
SD04R-4284	PGBDYYI	3.5	3.0	1.5	2.0	S	R*
SD04R-4490	PGT+BDYYI	3.8	3.0	1.0	2.0	S	R*

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

PRELIMINARY TEST 0 Roundup-Ready, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield 7 bu/a	Rank 7 No.	Maturity 6 Date	Lodging 6 Score	Plant Height 5 In.	Seed Size 7 g/100	Seed Quality 7 Score	Composition	
								Protein 7 %	Oil 7 %
RG200RR	36.6	29	9/14	1.6	33	14.7	1.9	34.9	17.8
AG0801	40.2	24	6.8	1.4	35	16.2	1.6	32.6	18.5
SD1111RR (L)	45.9	1	9.7	1.6	37	15.3	1.6	32.6	19.4
M01-318104	44.0	7	6.3	1.5	33	16.1	1.6	34.2	18.5
M01-321123	44.5	4	2.3	1.9	34	16.4	1.5	34.9	19.0
M01-322056	44.0	7	4.5	2.0	34	15.8	1.6	34.6	18.7
M01-322091	42.9	12	4.0	1.7	35	14.7	1.6	34.7	19.0
ND04-7582	42.6	14	5.5	1.9	37	15.2	1.7	32.7	19.2
ND04-7583	38.4	28	3.2	1.7	34	15.4	2.3	32.1	19.2
ND04-7617	34.9	31	2.5	1.6	35	13.8	1.6	34.6	18.5
ND04-7791	41.8	17	4.3	1.5	36	17.2	2.1	33.5	18.7
ND04-7793	41.2	20	2.5	1.5	34	16.5	2.1	33.1	19.4
ND04-9031	43.3	11	8.2	1.6	35	16.3	1.4	33.6	18.5
ND04-21273	43.6	10	9.3	1.3	35	16.1	1.6	35.7	17.9
ND04-22777	43.7	9	4.2	1.4	34	15.8	2.0	32.8	19.3
ND04-22815	39.2	27	5.2	1.5	37	15.1	1.6	33.2	19.0
ND04-23645	39.8	25	4.7	1.6	34	14.5	1.9	31.8	19.4
ND04-24208	42.4	15	2.5	1.7	35	17.7	1.7	33.7	19.6
ND04-24209	41.0	22	4.8	1.5	32	17.6	1.8	33.4	19.4
ND04-24592	36.2	30	1.3	2.1	33	15.8	2.0	34.4	18.8
ND04-25042	41.4	19	4.2	1.3	34	15.6	1.9	33.5	19.3
ND04-25215	41.1	21	5.3	1.4	34	15.6	1.9	33.0	19.4
SD04R-2383	44.2	6	9.3	1.8	37	16.9	1.9	33.7	18.1
SD04R-2733	41.0	22	9.3	1.7	35	16.6	2.1	33.5	18.9
SD04R-3254	45.0	2	8.0	2.0	35	14.6	1.6	33.5	19.2
SD04R-3441	42.4	15	7.7	2.0	38	13.6	1.6	32.6	19.3
SD04R-3666	39.6	26	8.5	2.0	34	13.1	1.5	34.2	18.2
SD04R-4273	44.6	3	7.8	1.4	33	14.7	1.6	32.3	19.9
SD04R-4281	42.7	13	5.8	2.0	35	14.6	1.9	33.1	18.8
SD04R-4284	41.6	18	5.8	2.1	36	13.0	1.7	32.8	19.5
SD04R-4490	44.3	5	9.0	1.7	36	19.2	1.9	35.4	17.7

113.3 Days After Planting

PRELIMINARY TEST 0 Roundup-Ready, 2007

YIELD (bu/a)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	36.6	15.1	28.4	50.0	40.9	52.6	28.2	40.7
AG0801	40.2	20.7	37.9	56.2	45.7	47.3	33.7	39.9
SD1111RR (L)	45.9	14.9	40.8	47.4	53.1	78.8	37.4	48.8
M01-318104	44.0	20.6	38.9	48.0	47.7	74.3	37.0	41.2
M01-321123	44.5	20.3	37.3	55.6	50.7	72.2	31.9	43.8
M01-322056	44.0	20.3	39.3	52.1	47.9	70.1	34.4	44.0
M01-322091	42.9	16.5	33.8	54.4	45.9	73.1	31.7	44.8
ND04-7582	42.6	20.0	29.0	54.4	49.7	62.9	38.3	44.2
ND04-7583	38.4	15.9	34.7	56.8	47.6	46.0	31.4	36.5
ND04-7617	34.9	13.6	34.2	48.2	43.6	35.2	28.4	41.0
ND04-7791	41.8	17.7	37.1	55.6	43.7	62.0	34.7	41.9
ND04-7793	41.2	12.4	39.6	52.6	45.3	70.3	26.3	42.1
ND04-9031	43.3	18.3	37.9	54.0	44.8	71.1	35.5	41.4
ND04-21273	43.6	19.5	38.3	48.9	48.4	66.8	43.3	40.2
ND04-22777	43.7	17.4	39.1	50.6	46.0	74.2	35.3	43.2
ND04-22815	39.2	19.8	36.4	51.7	37.0	54.1	37.9	37.3
ND04-23645	39.8	20.9	33.8	50.6	42.3	51.6	37.7	41.5
ND04-24208	42.4	21.5	39.6	51.0	43.8	62.5	36.6	41.6
ND04-24209	41.0	16.5	32.5	47.7	46.5	68.2	36.2	39.1
ND04-24592	36.2	16.7	26.5	51.5	43.1	42.6	32.4	40.6
ND04-25042	41.4	16.1	32.9	50.8	44.0	73.9	32.0	40.3
ND04-25215	41.1	21.7	34.2	56.0	45.7	48.2	42.4	39.6
SD04R-2383	44.2	19.5	35.4	52.7	50.3	71.5	38.8	40.9
SD04R-2733	41.0	20.7	32.7	49.0	48.0	54.4	38.2	43.8
SD04R-3254	45.0	21.7	37.2	48.0	41.5	79.9	42.1	44.8
SD04R-3441	42.4	22.5	34.3	45.4	47.1	72.9	38.3	36.1
SD04R-3666	39.6	23.0	29.8	38.2	41.5	63.3	43.8	37.7
SD04R-4273	44.6	21.6	36.9	45.7	46.7	73.6	44.2	43.6
SD04R-4281	42.7	20.0	34.8	51.8	48.2	70.5	33.7	40.2
SD04R-4284	41.6	18.7	34.6	52.0	43.8	60.2	39.2	42.8
SD04R-4490	44.3	20.3	38.1	39.3	50.6	79.7	38.0	44.1
C.V. (%)		10.6	13.5	6.5	7.4	14.3	7.6	5.9
L.S.D. (5%)		4.1	9.7	5.4	5.7	18.7	5.6	5.0
Row Sp. (In.)		10	10	30	16	7	30	30
Rows/Plot		4	4	4	4	5	4	4
Reps		2	2	3	2	2	2	2

PRELIMINARY TEST 0 Roundup-Ready, 2007

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	29	28	30	20	30	25	30	20
AG0801	24	8	9	2	17	28	22	25
SD1111RR (L)	1	29	1	27	1	3	14	1
M01-318104	7	10	6	24	10	4	15	17
M01-321123	4	11	11	4	2	10	26	7
M01-322056	7	11	4	11	9	15	21	6
M01-322091	12	24	23	6	16	8	27	2
ND04-7582	14	14	29	6	5	19	8	4
ND04-7583	28	27	18	1	11	29	28	30
ND04-7617	31	30	21	23	25	31	29	18
ND04-7791	17	21	13	4	24	21	20	13
ND04-7793	20	31	2	10	19	14	32	12
ND04-9031	11	20	9	8	20	12	18	16
ND04-21273	10	17	7	22	6	17	3	23
ND04-22777	9	22	5	18	15	5	19	10
ND04-22815	27	16	15	14	31	24	12	29
ND04-23645	25	7	23	18	27	26	13	15
ND04-24208	15	6	2	16	23	20	16	14
ND04-24209	22	24	27	26	14	16	17	27
ND04-24592	30	23	31	15	26	30	24	21
ND04-25042	19	26	25	17	21	6	25	22
ND04-25215	21	3	21	3	18	27	4	26
SD04R-2383	6	17	16	9	4	11	7	19
SD04R-2733	22	8	26	21	8	23	10	7
SD04R-3254	2	3	12	24	28	1	5	2
SD04R-3441	15	2	20	29	12	9	8	31
SD04R-3666	26	1	28	31	29	18	2	28
SD04R-4273	3	5	14	28	13	7	1	9
SD04R-4281	13	14	17	13	7	13	22	24
SD04R-4284	18	19	19	12	22	22	6	11
SD04R-4490	5	11	8	30	3	2	11	5

PRELIMINARY TEST 0 Roundup-Ready, 2007

MATURITY (date)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	9/14		9/17	9/8	9/6	9/15	9/17	9/21
AG0801	6.8		6	14	13	15	-4	-3
SD1111RR (L)	9.7		8	22	17	12	-1	0
M01-318104	6.3		6	16	16	11	-3	-8
M01-321123	2.3		3	10	13	5	-11	-6
M01-322056	4.5		6	16	15	8	-11	-7
M01-322091	4.0		3	11	10	8	-6	-2
ND04-7582	5.5		5	15	13	10	-5	-5
ND04-7583	3.2		2	7	9	7	-3	-3
ND04-7617	2.5		0	3	8	6	0	-2
ND04-7791	4.3		2	14	11	11	-6	-6
ND04-7793	2.5		1	4	10	5	-2	-3
ND04-9031	8.2		7	14	15	14	-1	0
ND04-21273	9.3		8	18	19	17	-2	-4
ND04-22777	4.2		5	13	14	12	-12	-7
ND04-22815	5.2		1	12	10	11	-2	-1
ND04-23645	4.7		4	9	12	11	-5	-3
ND04-24208	2.5		2	9	11	10	-12	-5
ND04-24209	4.8		3	9	12	10	-4	-1
ND04-24592	1.3		1	2	4	-1	2	0
ND04-25042	4.2		2	9	10	8	-3	-1
ND04-25215	5.3		4	14	13	13	-7	-5
SD04R-2383	9.3		8	15	18	14	1	0
SD04R-2733	9.3		8	19	17	14	-7	5
SD04R-3254	8.0		5	19	17	9	0	-2
SD04R-3441	7.7		6	18	16	14	-4	-4
SD04R-3666	8.5		6	20	18	16	-5	-4
SD04R-4273	7.8		7	19	18	13	-6	-4
SD04R-4281	5.8		4	14	14	11	-4	-4
SD04R-4284	5.8		4	14	15	10	-3	-5
SD04R-4490	9.0		8	18	18	17	-3	-4
Date Planted	5/23	5/24	6/5	5/18	5/19	5/30	5/14	5/25
Days to Mature	113		104	113	110	108	126	119

PRELIMINARY TEST 0 Roundup-Ready, 2007

LODGING (score)

Strain	Mean 6 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	1.6			1.0	2.4	1.5	1.0	2.0
AG0801	1.4			1.0	2.1	1.0	2.0	1.0
SD1111RR (L)	1.6			1.3	1.9	2.0	2.0	1.0
M01-318104	1.5			1.0	2.1	1.5	2.0	1.0
M01-321123	1.9			1.0	3.6	2.0	2.0	1.0
M01-322056	2.0			1.3	3.0	2.5	1.0	2.0
M01-322091	1.7			1.0	2.2	1.5	2.0	2.0
ND04-7582	1.9			1.3	3.3	2.0	2.0	1.0
ND04-7583	1.7			1.0	3.5	1.0	2.0	1.0
ND04-7617	1.6			1.0	2.2	1.0	2.0	2.0
ND04-7791	1.5			1.0	2.3	1.0	2.0	1.0
ND04-7793	1.5			1.0	2.1	1.5	2.0	1.0
ND04-9031	1.6			1.0	1.8	1.0	2.0	2.0
ND04-21273	1.3			1.0	1.5	1.0	2.0	1.0
ND04-22777	1.4			1.0	1.9	1.0	2.0	1.0
ND04-22815	1.5			1.0	1.8	1.5	2.0	1.0
ND04-23645	1.6			1.0	3.0	1.0	2.0	1.0
ND04-24208	1.7			1.0	2.6	2.0	2.0	1.0
ND04-24209	1.5			1.0	3.1	1.5	1.0	1.0
ND04-24592	2.1			1.3	3.6	1.5	2.0	2.0
ND04-25042	1.3			1.0	1.3	1.0	2.0	1.0
ND04-25215	1.4			1.0	2.1	1.0	2.0	1.0
SD04R-2383	1.8			1.0	2.4	2.5	2.0	1.0
SD04R-2733	1.7			1.3	2.8	1.5	1.0	2.0
SD04R-3254	2.0			1.0	2.3	2.5	2.0	2.0
SD04R-3441	2.0			1.3	2.7	2.0	2.0	2.0
SD04R-3666	2.0			1.7	2.3	2.0	2.0	2.0
SD04R-4273	1.4			1.0	1.8	1.0	1.0	2.0
SD04R-4281	2.0			1.3	2.5	2.0	2.0	2.0
SD04R-4284	2.1			1.0	2.8	2.5	2.0	2.0
SD04R-4490	1.7			1.0	3.1	1.5	2.0	1.0

PRELIMINARY TEST 0 Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Mean 5 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	33			36	35	26	30	38
AG0801	35			37	37	28	33	39
SD1111RR (L)	37			40	43	46	26	31
M01-318104	33			38	37	33	29	30
M01-321123	34			37	35	36	26	34
M01-322056	34			40	37	37	23	31
M01-322091	35			37	37	36	30	33
ND04-7582	37			40	41	35	33	35
ND04-7583	34			37	39	32	28	34
ND04-7617	35			34	39	30	31	39
ND04-7791	36			40	41	33	34	33
ND04-7793	34			36	37	31	29	36
ND04-9031	35			38	37	33	29	36
ND04-21273	35			38	35	33	35	33
ND04-22777	34			36	37	34	27	34
ND04-22815	37			41	39	33	30	43
ND04-23645	34			40	39	32	26	36
ND04-24208	35			41	39	35	28	33
ND04-24209	32			42	21	33	27	39
ND04-24592	33			38	33	33	27	33
ND04-25042	34			39	39	31	29	33
ND04-25215	34			40	39	31	25	35
SD04R-2383	37			44	43	40	26	30
SD04R-2733	35			41	41	33	28	34
SD04R-3254	35			38	37	39	27	33
SD04R-3441	38			40	41	37	31	40
SD04R-3666	34			35	35	35	30	37
SD04R-4273	33			37	37	32	27	34
SD04R-4281	35			39	37	37	29	34
SD04R-4284	36			40	39	32	32	35
SD04R-4490	36			37	39	37	30	36

PRELIMINARY TEST 0 Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	14.7	13.0	17.8	13.0	14.9	14.2	16.1	13.7
AG0801	16.2	14.7	17.3	14.3	16.5	15.5	19.0	16.2
SD1111RR (L)	15.3	15.0	13.8	14.2	16.4	15.0	18.3	14.5
M01-318104	16.1	15.2	18.9	14.8	16.4	15.4	17.2	14.7
M01-321123	16.4	15.5	18.1	14.8	16.2	15.6	19.0	15.7
M01-322056	15.8	14.2	17.6	14.2	16.1	15.2	19.0	14.5
M01-322091	14.7	13.1	15.5	14.3	14.3	15.1	16.3	14.5
ND04-7582	15.2	15.1	16.9	12.8	15.9	15.0	16.8	13.8
ND04-7583	15.4	14.7	17.2	14.1	15.9	14.1	18.1	14.0
ND04-7617	13.8	12.0	14.5	12.5	15.5	12.2	16.3	13.9
ND04-7791	17.2	14.7	20.4	16.0	17.3	16.0	19.6	16.4
ND04-7793	16.5	15.8	20.1	15.4	16.5	16.1	17.1	14.5
ND04-9031	16.3	16.0	18.1	14.5	17.4	15.0	18.3	14.6
ND04-21273	16.1	13.7	19.2	13.4	17.5	15.7	19.0	14.3
ND04-22777	15.8	14.3	17.2	14.4	15.1	15.6	19.8	13.9
ND04-22815	15.1	12.8	17.4	13.4	14.4	14.3	18.8	14.4
ND04-23645	14.5	12.7	16.4	13.2	14.4	13.0	18.1	13.8
ND04-24208	17.7	15.7	20.9	16.2	17.2	17.0	20.9	16.3
ND04-24209	17.6	15.4	21.6	16.3	17.3	17.0	20.2	15.1
ND04-24592	15.8	13.7	18.0	15.0	15.1	15.7	17.9	15.1
ND04-25042	15.6	13.9	18.1	14.3	14.6	14.7	19.3	14.5
ND04-25215	15.6	14.7	18.3	13.9	16.1	14.4	17.7	14.1
SD04R-2383	16.9	15.9	19.8	14.7	17.6	16.7	18.9	14.7
SD04R-2733	16.6	15.3	18.4	14.9	18.0	15.0	20.0	14.9
SD04R-3254	14.6	13.2	16.8	12.7	15.0	15.5	15.0	13.8
SD04R-3441	13.6	12.1	16.0	11.2	14.5	14.1	15.3	11.7
SD04R-3666	13.1	10.9	15.3	11.3	14.9	14.1	13.3	11.9
SD04R-4273	14.7	12.4	16.0	12.6	16.3	15.6	15.9	14.3
SD04R-4281	14.6	12.5	17.2	13.8	14.3	14.0	18.0	12.6
SD04R-4284	13.0	10.6	14.3	11.5	12.9	12.6	16.3	12.7
SD04R-4490	19.2	15.4	19.1	17.6	20.8	19.4	23.9	18.0

PRELIMINARY TEST 0 Roundup-Ready, 2004

SEED QUALITY (score)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	1.9	2.0	2.0	1.0	1.0	2.0	3.0	2.0
AG0801	1.6	2.0	1.0	1.0	1.0	1.0	3.0	2.0
SD1111RR (L)	1.6	2.5	1.5	1.0	1.0	1.0	2.0	2.0
M01-318104	1.6	2.0	2.0	1.0	1.0	1.5	2.0	2.0
M01-321123	1.5	1.5	1.5	1.0	1.0	1.5	2.0	2.0
M01-322056	1.6	2.0	2.0	1.0	1.0	1.0	2.0	2.0
M01-322091	1.6	2.0	1.5	1.0	1.0	1.0	2.0	3.0
ND04-7582	1.7	2.0	2.0	1.0	1.0	2.0	2.0	2.0
ND04-7583	2.3	2.0	3.0	1.0	1.0	2.0	4.0	3.0
ND04-7617	1.6	2.0	1.5	1.0	1.0	2.0	2.0	2.0
ND04-7791	2.1	2.0	2.5	2.0	1.0	1.0	2.0	4.0
ND04-7793	2.1	2.0	2.5	2.0	1.0	1.5	3.0	3.0
ND04-9031	1.4	1.5	1.5	1.0	1.0	1.0	2.0	2.0
ND04-21273	1.6	2.0	1.5	1.0	1.0	1.5	2.0	2.0
ND04-22777	2.0	2.5	1.5	1.0	1.0	2.0	3.0	3.0
ND04-22815	1.6	3.0	1.5	1.0	1.0	1.0	2.0	2.0
ND04-23645	1.9	3.0	2.0	1.0	1.0	1.5	2.0	3.0
ND04-24208	1.7	3.0	2.0	1.0	1.0	1.0	2.0	2.0
ND04-24209	1.8	2.0	2.0	1.0	1.0	1.5	2.0	3.0
ND04-24592	2.0	3.0	2.0	2.0	1.0	1.0	2.0	3.0
ND04-25042	1.9	2.5	1.5	1.0	1.0	1.0	3.0	3.0
ND04-25215	1.9	2.5	2.0	1.0	1.0	1.5	2.0	3.0
SD04R-2383	1.9	3.5	2.0	1.0	1.0	1.0	3.0	2.0
SD04R-2733	2.1	3.0	1.5	1.0	1.0	2.5	3.0	3.0
SD04R-3254	1.6	3.0	1.5	1.0	1.0	1.0	2.0	2.0
SD04R-3441	1.6	3.0	1.5	1.0	1.0	1.0	2.0	2.0
SD04R-3666	1.5	2.0	1.5	1.0	1.0	1.0	2.0	2.0
SD04R-4273	1.6	3.0	1.5	1.0	1.0	1.0	2.0	2.0
SD04R-4281	1.9	2.5	1.5	1.0	1.0	1.5	3.0	3.0
SD04R-4284	1.7	2.5	1.5	1.0	1.0	2.0	2.0	2.0
SD04R-4490	1.9	3.5	1.5	1.0	1.0	1.0	2.0	3.0

PRELIMINARY TEST 0 Roundup-Ready, 2007

PROTEIN (%)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	34.9	30.5	36.5	34.1	38.4	35.9	34.6	34.3
AG0801	32.6	29.0	33.0	31.1	35.0	34.1	33.9	32.2
SD1111RR (L)	32.6	30.6	32.3	30.6	33.5	32.7	34.0	34.5
M01-318104	34.2	31.4	35.5	32.5	35.9	35.4	34.4	34.3
M01-321123	34.9	32.4	34.6	33.6	36.7	35.6	37.0	34.5
M01-322056	34.6	32.3	35.5	32.3	36.3	35.9	35.4	34.4
M01-322091	34.7	32.4	34.0	33.7	36.9	36.2	34.8	34.8
ND04-7582	32.7	30.6	33.6	30.6	34.5	33.8	33.5	32.5
ND04-7583	32.1	27.5	32.6	30.1	34.6	33.8	33.9	32.3
ND04-7617	34.6	29.5	35.3	33.8	37.4	36.0	35.6	34.4
ND04-7791	33.5	29.0	34.1	33.0	36.3	33.8	34.8	33.3
ND04-7793	33.1	30.2	33.6	32.3	36.1	34.1	33.1	32.3
ND04-9031	33.6	31.0	33.5	31.9	35.5	34.5	34.7	33.8
ND04-21273	35.7	32.9	37.2	33.2	37.1	36.6	37.2	35.6
ND04-22777	32.8	29.3	33.6	31.0	34.7	33.8	33.8	33.0
ND04-22815	33.2	31.0	35.2	31.5	35.1	35.1	31.7	33.1
ND04-23645	31.8	26.8	32.6	29.8	34.7	33.9	32.4	32.6
ND04-24208	33.7	29.7	34.7	34.4	34.5	34.7	34.5	33.5
ND04-24209	33.4	29.2	35.4	31.1	35.0	34.0	34.9	33.9
ND04-24592	34.4	31.0	34.9	33.7	36.3	36.3	34.3	34.4
ND04-25042	33.5	30.3	34.0	33.2	35.3	34.7	33.7	33.5
ND04-25215	33.0	31.1	33.7	29.8	35.1	34.0	33.9	33.4
SD04R-2383	33.7	31.1	35.5	32.5	36.1	34.5	33.3	32.9
SD04R-2733	33.5	30.1	34.3	33.3	35.1	34.1	33.8	33.5
SD04R-3254	33.5	30.7	33.5	32.5	34.7	35.0	33.7	34.0
SD04R-3441	32.6	29.6	33.5	31.2	34.1	33.5	33.0	33.6
SD04R-3666	34.2	31.6	34.8	32.0	36.5	36.5	33.3	35.0
SD04R-4273	32.3	30.7	32.8	31.2	34.1	32.9	32.5	32.2
SD04R-4281	33.1	30.6	34.2	31.5	34.4	33.6	34.6	33.2
SD04R-4284	32.8	29.5	33.4	30.5	34.9	34.2	33.9	33.1
SD04R-4490	35.4	32.3	36.7	33.1	37.0	36.1	36.8	35.6

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

PRELIMINARY TEST 0 Roundup-Ready, 2007

OIL (%)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	St. Hyacinthe Que.	Aurora SD	Watertown SD
RG200RR	17.8	19.5	17.2	17.6	16.1	18.3	18.2	17.5
AG0801	18.5	20.1	17.9	18.3	17.6	18.5	18.7	18.2
SD1111RR (L)	19.4	19.9	19.1	19.3	19.2	19.8	18.3	19.9
M01-318104	18.5	19.9	17.4	18.3	18.2	19.1	19.0	17.7
M01-321123	19.0	20.3	19.3	18.8	18.0	19.1	18.6	18.7
M01-322056	18.7	20.0	18.8	18.7	18.4	19.0	17.7	18.7
M01-322091	19.0	20.4	19.7	18.8	17.6	18.9	19.0	18.4
ND04-7582	19.2	20.4	18.9	17.9	19.0	19.7	19.6	19.2
ND04-7583	19.2	21.4	19.3	18.9	18.7	19.6	18.2	18.7
ND04-7617	18.5	20.7	18.7	17.8	17.3	18.5	18.3	17.9
ND04-7791	18.7	20.5	17.7	16.8	18.4	19.7	18.9	19.2
ND04-7793	19.4	20.6	19.7	18.7	18.2	19.7	19.9	19.3
ND04-9031	18.5	19.6	17.9	18.1	18.0	18.7	18.7	18.3
ND04-21273	17.9	19.2	16.9	17.5	17.7	18.6	17.8	17.9
ND04-22777	19.3	20.9	19.2	19.5	18.9	19.7	18.7	18.5
ND04-22815	19.0	20.2	19.2	18.5	18.8	19.1	18.8	18.6
ND04-23645	19.4	21.8	19.2	18.9	18.5	19.5	19.0	18.7
ND04-24208	19.6	21.2	19.3	18.7	19.4	19.8	19.0	19.7
ND04-24209	19.4	21.6	19.2	18.7	19.1	20.0	18.1	19.0
ND04-24592	18.8	20.4	18.4	18.6	18.4	19.1	18.6	18.0
ND04-25042	19.3	20.5	19.8	18.2	18.6	19.7	19.4	19.0
ND04-25215	19.4	20.4	19.2	18.7	19.2	19.9	19.7	18.9
SD04R-2383	18.1	19.3	17.3	16.2	17.6	18.7	19.0	18.2
SD04R-2733	18.9	20.9	18.7	17.9	18.4	19.0	19.4	18.0
SD04R-3254	19.2	20.5	19.2	18.0	19.1	19.7	19.1	18.4
SD04R-3441	19.3	21.0	19.1	17.7	19.4	19.7	19.8	18.6
SD04R-3666	18.2	18.9	17.8	18.2	17.4	18.6	19.1	17.1
SD04R-4273	19.9	20.8	20.2	18.4	19.8	20.6	20.5	19.4
SD04R-4281	18.8	20.4	18.1	18.5	18.8	19.3	18.6	18.2
SD04R-4284	19.5	21.2	19.2	19.4	18.5	19.3	19.5	19.2
SD04R-4490	17.7	19.0	16.7	18.2	17.7	17.7	17.5	16.8

Uniform Test I Roundup-Ready, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	SD1161RR/(SCN)	IA1008 x SD1081RR	new	F4	
2.	SD1111RR (E)	A97-771039 x SD1081RR	1	F4	RR
3.	MN1803RR	Parker (2) x Resnik BC2F2	3		
4.	AG2002	na	new		
5.	M00-530039	MN1803RR x M96-136086	PTIRR	F5	Rps1
6.	SD01-1120R	SD93-1043 x SD1091RR	3	F5	RR
7.	SD01-3477R	SD94-782 x SD1091RR	3	F5	RR
8.	SD02R-5	Stride (1) x Resnik RR	1	F4	Rps1-k
9.	SD02R-8	Stride (1) x Resnik RR	2	F4	Rps1-k
10.	SD03-2662R	Pion 9163 x SD93-828E	PTIRR	F5	RR, Rps1-a
11.	SD03-2768R	IA1008 x HenRR	PTIRR	F5	RR
12.	SD03-2814	IA1008 x HenRR	PTIRR	F5	RR
13.	SD03-3038R	Pion 9151 x SD93-828E	PTIRR	F5	RR; Rps1-k
14.	SD03-3493R	A97-771039 X HenRR	PTIRR	F5	RR
15.	SDX00R-017-52	A97-770051 x SD93-828R	3	F4	RR
16.	SDX00R-020-18	MN0902 x SD93-828R	1	F4	RR, Rps1-a

UNIFORM TEST I Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>		<u>Green Stem</u>	<u>Shattering</u>
		Score		Score	Score
		Granite Falls MN	Wilkin County MN	St. Hyacinthe Que.	Manhattan KS
SD1161RR/(SCN)	WGBDYI	3.5	2.8	5.0	1.0
SD1111RR (E)	PGBDYI	4.0	4.3	1.0	1.0
MN1803RR	WGBDYBfI	3.8	3.3	1.5	1.0
AG2002	PTBDYLbII	3.8	3.3	1.5	1.0
M00-530039	PGTDYBfI	3.8	2.8	1.5	1.0
SD01-1120R	PGTDYLbI	4.3	3.3	1.0	2.0
SD01-3477R	PGBDYBfI	3.8	3.0	1.5	1.0
SD02R-5	PGTSYIbI	4.0	3.8	2.0	1.0
SD02R-8	PGTIYIbI	4.0	4.3	1.0	1.0
SD03-2662R	WGBDYI	3.3	3.0	2.0	1.0
SD03-2768R	PGBDYI	3.5	3.3	1.0	1.0
SD03-2814	PGBDYI	4.0	3.3	1.5	2.0
SD03-3038R	PTBDYBII	3.0	2.5	2.0	2.0
SD03-3493R	PGBDYBfI	3.3	2.8	1.0	1.0
SDX00R-017-52	PGBDYIbI	3.0	2.5	1.5	1.0
SDX00R-020-18	PTBDYBII	3.8	3.3	2.0	2.0

UNIFORM TEST I Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	<u>NSC</u>	<u>PR</u>		<u>FE</u>	<u>SDS</u>	
	Score (0-10)	Lafayette		Laf.	DX	DX
	Brookings SD	Race 4	Race 7	a rx.	Paris IL	Pomtiac IL
SD1161RR/(SCN)	8.0	S	S	S	0	0
SD1111RR (E)	4.7	S	S	S	0	0
MN1803RR	7.0	S	S	S	0	0
AG2002	3.0	S	R	S	0	0
M00-530039	5.5	S	S	S	0	1
SD01-1120R	6.5	S	S	S	0	1
SD01-3477R	7.5	S	S	S	2	1
SD02R-5	6.5	R	R	S	3	4
SD02R-8	6.0	H*	H*	S	0	1
SD03-2662R	6.5	S	S	S	0	0
SD03-2768R	5.5	S	S	S	0	2
SD03-2814	6.0	S	S	S	0	0
SD03-3038R	5.5	R	R	S	0	0
SD03-3493R	5.0	S	S	S	0	0
SDX00R-017-52	8.0	R*	S	S	3	0
SDX00R-020-18	7.0	S	S	S	1	1

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

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

UNIFORM TEST I Roundup-Ready, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	9 bu/a	9 No.	9 Date	9 Score	9 In.	9 g/100	7 Score	8 Protein %	8 Oil %
SD1161RR/(SCN)	49.6	2	9/17	1.4	31	16.2	1.5	34.3	17.7
SD1111RR (E)	43.7	13	-2.8	1.4	33	15.8	1.6	33.4	18.9
MN1803RR	43.6	14	0.2	1.7	34	16.5	1.6	34.7	18.6
AG2002	53.9	1	2.6	1.5	33	14.3	1.4	34.0	18.6
M00-530039	48.2	4	-2.6	1.3	30	17.1	1.5	33.8	18.7
SD01-1120R	45.0	11	1.8	1.3	35	18.6	1.4	33.6	19.2
SD01-3477R	46.0	9	-0.7	1.6	34	14.8	1.6	33.5	19.1
SD02R-5	46.7	7	0.3	1.4	31	15.7	1.6	33.6	19.2
SD02R-8	46.6	8	1.9	1.4	31	14.9	1.5	33.0	19.6
SD03-2662R	42.5	15	-2.9	1.6	32	18.9	2.1	33.8	19.2
SD03-2768R	47.5	6	-1.6	1.4	30	17.1	1.5	32.9	18.8
SD03-2814	44.5	12	0.0	1.3	28	16.7	1.6	34.0	17.9
SD03-3038R	45.2	10	-2.2	1.5	31	16.7	1.6	33.5	19.6
SD03-3493R	41.4	16	-2.0	1.3	31	15.5	1.6	33.8	19.1
SDX00R-017-52	49.4	3	0.3	1.4	31	14.3	1.6	33.1	19.9
SDX00R-020-18	47.7	5	-1.3	1.2	32	17.6	1.5	33.8	19.1

123.7 Days After Planting

UNIFORM TEST I Roundup-Ready, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	19 bu/a	19 No.	19 Date	18 Score	18 In.	19 g/100	14 Score	15 Protein %	15 Oil %
SD1111RR (E)	42.7	8	9/14	1.4	32	15.6	1.6	33.6	18.1
MN1803RR	44.7	7	4.9	1.6	34	16.6	1.7	34.9	17.8
SD01-1120R	45.3	6	5.7	1.4	35	18.4	1.6	33.7	18.3
SD01-3477R	45.8	5	3.8	1.6	34	15.0	1.9	33.4	18.3
SD02R-5	46.2	3	5.5	1.4	32	15.3	1.5	33.5	18.4
SD02R-8	46.0	4	6.3	1.3	31	14.7	1.6	32.8	18.7
SDX00R-017-52	49.0	1	4.6	1.4	32	14.4	1.7	33.3	18.9
SDX00R-020-18	47.5	2	3.3	1.2	33	17.6	1.5	33.7	18.1

122.7 Days After Planting

UNIFORM TEST I Roundup-Ready, 2007

YIELD (bu/a)

Strain	Mean 9 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	49.6	47.0	43.2	47.5	50.6	36.5	54.6	39.1	45.3	83.0
SD1111RR (E)	43.7	35.4	40.2	33.1	42.8	40.4	48.4	38.8	48.6	65.5
MN1803RR	43.6	35.8	44.3	36.5	46.7	39.4	50.2	39.3	40.9	59.4
AG2002	53.9	41.8	55.2	50.0	59.2	44.0	58.0	51.4	42.2	83.2
M00-530039	48.2	35.5	46.6	32.9	48.5	37.5	59.8	48.1	46.5	78.1
SD01-1120R	45.0	33.1	52.0	34.5	47.1	30.9	55.6	46.4	39.5	65.9
SD01-3477R	46.0	38.3	52.4	29.3	46.2	37.3	46.0	43.7	41.1	79.6
SD02R-5	46.7	35.7	43.5	37.6	53.8	37.3	51.3	43.7	40.2	77.1
SD02R-8	46.6	36.6	47.2	37.8	51.1	32.9	57.0	45.0	40.8	71.2
SD03-2662R	42.5	36.2	37.3	29.8	42.0	34.6	53.0	36.5	48.8	64.1
SD03-2768R	47.5	42.2	41.6	37.4	44.8	37.6	50.0	46.4	47.0	80.6
SD03-2814	44.5	26.3	40.9	37.9	47.2	36.1	51.3	46.9	44.2	69.7
SD03-3038R	45.2	38.0	37.3	32.7	45.4	35.5	50.6	44.0	45.4	78.2
SD03-3493R	41.4	30.7	41.9	25.6	46.6	31.8	46.8	39.5	47.4	62.5
SDX00R-017-52	49.4	46.1	45.6	38.1	56.0	41.0	53.5	47.5	45.8	71.0
SDX00R-020-18	47.7	35.2	43.5	35.9	51.8	35.0	61.0	41.9	41.2	83.8
C.V. (%)		11.2	13.2	7.4	6.4	10.4	12.9	8.2	6.8	13.4
L.S.D. (5%)		6.9	9.8	4.6	5.5	6.4	11.4	5.9	5.0	20.9
Row Sp. (In.)		30	30	15	15	10	10	30	30	7
Rows/Plot		4	4	6	6	8	8	4	4	5
Reps		3	3	2	2	3	3	3	3	2

UNIFORM TEST I Roundup-Ready, 2007

YIELD RANK

Strain	Mean 9 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	2	1	10	2	6	9	6	14	8	3
SD1111RR (E)	13	12	14	11	15	3	14	15	2	13
MN1803RR	14	9	7	8	10	4	12	13	13	16
AG2002	1	4	1	1	1	1	3	1	10	2
M00-530039	4	11	5	12	7	6	2	2	5	7
SD01-1120R	11	14	3	10	9	16	5	5	16	12
SD01-3477R	9	5	2	15	12	7	16	9	12	5
SD02R-5	7	10	8	6	3	7	9	9	15	8
SD02R-8	8	7	4	5	5	14	4	7	14	9
SD03-2662R	15	8	15	14	16	13	8	16	1	14
SD03-2768R	6	3	12	7	14	5	13	5	4	4
SD03-2814	12	16	13	4	8	10	9	4	9	11
SD03-3038R	10	6	15	13	13	11	11	8	7	6
SD03-3493R	16	15	11	16	11	15	15	12	3	15
SDX00R-017-52	3	2	6	3	2	2	7	3	6	10
SDX00R-020-18	5	13	8	9	4	12	1	11	11	1

UNIFORM TEST I Roundup-Ready, 2007

MATURITY (date)

Strain	Mean	Lafayette	Wanatah	Ingham	Saginaw	Lamberton	Waseca	Aurora	Watertown	St.
	9 Tests	IN	IN	County MI	County MI	MN	MN	SD	SD	Hyacinthe Que.
SD1161RR/(SCN)	9/17	8/28	9/6	9/17	9/18	9/24	9/19	9/20	9/20	10/9
SD1111RR (E)	-2.8	-5	-9	-6	-4	-1	-2	2	2	-2
MN1803RR	0.2	-1	1	1	1	0	1	-4	-2	5
AG2002	2.6	4	2	8	5	0	3	-3	-2	6
M00-530039	-2.6	-5	-9	-6	-5	0	-1	2	2	-1
SD01-1120R	1.8	2	3	-1	1	2	3	-1	0	7
SD01-3477R	-0.7	-2	-1	-2	-4	-3	0	2	2	2
SD02R-5	0.3	1	0	-1	0	1	2	-4	-1	5
SD02R-8	1.9	4	2	0	0	2	2	1	1	5
SD03-2662R	-2.9	-4	-7	-3	-2	1	-2	-6	-1	-2
SD03-2768R	-1.6	-2	-3	-3	-2	1	-1	-2	2	-4
SD03-2814	0.0	-3	-2	-2	0	2	1	2	2	0
SD03-3038R	-2.2	-3	-4	-5	-6	1	-1	1	2	-5
SD03-3493R	-2.0	-5	-4	-4	-4	0	-2	2	2	-3
SDX00R-017-52	0.3	2	-1	-1	0	-3	0	2	2	2
SDX00R-020-18	-1.3	-1	-3	-3	-4	2	-1	0	-1	-1
Date Planted	5/17	5/7	5/10	5/11	5/12	5/22	5/23	5/14	5/25	5/30
Days to Mature	124	113	119	129	129	125	119	129	118	132

UNIFORM TEST I Roundup-Ready, 2007

LODGING (score)

Strain	Mean 9 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	1.4	1.0	1.0	1.0	1.0	1.3	2.0	2.0	2.0	1.0
SD1111RR (E)	1.4	1.0	1.0	1.0	1.0	1.7	2.3	2.0	1.0	2.0
MN1803RR	1.7	1.0	1.0	1.0	1.0	2.0	2.7	2.0	2.0	3.0
AG2002	1.5	1.0	1.0	1.0	1.0	2.0	2.3	2.0	2.0	1.0
M00-530039	1.3	1.0	1.0	1.0	1.0	1.7	2.0	2.0	1.0	1.0
SD01-1120R	1.3	1.0	1.0	1.0	1.0	1.7	2.0	2.0	1.0	1.0
SD01-3477R	1.6	1.0	1.2	1.0	1.0	2.0	2.0	2.0	2.0	2.5
SD02R-5	1.4	1.0	1.0	1.0	1.0	1.7	2.0	2.0	2.0	1.0
SD02R-8	1.4	1.0	1.0	1.0	1.0	1.3	2.0	2.0	2.0	1.0
SD03-2662R	1.6	1.0	1.0	1.0	1.0	1.7	2.3	2.0	2.0	2.0
SD03-2768R	1.4	1.0	1.0	1.0	1.0	2.0	2.3	2.0	1.0	1.0
SD03-2814	1.3	1.0	1.0	1.0	1.0	1.7	2.0	2.0	1.0	1.0
SD03-3038R	1.5	1.0	1.0	1.0	1.0	1.3	2.3	2.0	2.0	1.5
SD03-3493R	1.3	1.0	1.0	1.0	1.0	1.7	2.0	2.0	1.0	1.0
SDX00R-017-52	1.4	1.0	1.0	1.0	1.0	1.7	2.7	2.0	1.0	1.5
SDX00R-020-18	1.2	1.0	1.0	1.0	1.0	1.7	2.0	1.0	1.0	1.0

UNIFORM TEST I Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	31	27	25	29	26	28	38	31	39	37
SD1111RR (E)	33	30	27	30	32	27	38	35	35	39
MN1803RR	34	33	30	34	29	33	41	31	34	39
AG2002	33	32	29	34	33	30	38	27	35	42
M00-530039	30	27	26	25	23	27	36	33	35	35
SD01-1120R	35	33	32	29	29	34	43	39	33	45
SD01-3477R	34	32	29	27	29	33	40	35	42	43
SD02R-5	31	29	26	25	28	31	37	28	38	40
SD02R-8	31	30	28	26	26	30	37	28	36	37
SD03-2662R	32	28	26	27	24	30	37	29	42	41
SD03-2768R	30	27	26	26	25	30	34	25	35	38
SD03-2814	28	24	22	24	26	26	33	27	38	32
SD03-3038R	31	25	25	25	26	32	32	35	38	39
SD03-3493R	31	26	25	26	27	26	33	36	43	38
SDX00R-017-52	31	30	27	29	27	31	36	30	34	35
SDX00R-020-18	32	32	28	32	29	29	39	23	33	40

UNIFORM TEST I Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Mean 9 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	16.2	15.3	15.6	17.8	16.4	14.4	15.6	19.8	15.0	16.4
SD1111RR (E)	15.8	13.5	15.1	16.2	14.4	15.8	16.4	19.9	15.6	15.3
MN1803RR	16.5	13.3	17.1	17.2	18.0	16.1	16.4	18.9	14.6	17.3
AG2002	14.3	11.7	13.8	16.4	16.8	13.8	14.4	13.6	13.0	15.4
M00-530039	17.1	13.9	17.1	17.1	18.8	18.7	15.2	19.6	16.4	17.5
SD01-1120R	18.6	14.7	19.5	18.8	20.5	18.7	18.2	19.8	17.7	19.4
SD01-3477R	14.8	12.4	14.9	14.6	15.1	15.2	15.2	16.5	14.2	15.2
SD02R-5	15.7	13.2	14.9	15.7	16.4	16.6	16.2	16.7	15.1	16.9
SD02R-8	14.9	13.2	15.2	15.3	16.3	15.3	13.9	15.6	13.0	16.4
SD03-2662R	18.9	16.9	19.7	20.2	19.4	18.6	17.9	23.8	16.7	16.8
SD03-2768R	17.1	15.2	15.9	17.7	16.5	15.2	18.2	19.8	16.8	18.2
SD03-2814	16.7	14.4	16.8	17.8	17.1	15.9	16.0	18.3	15.9	17.8
SD03-3038R	16.7	15.3	17.2	16.6	16.5	15.6	17.1	19.5	14.7	17.8
SD03-3493R	15.5	13.1	16.3	15.7	16.0	14.8	15.7	17.9	14.7	15.7
SDX00R-017-52	14.3	13.7	14.6	14.9	15.2	13.0	15.2	14.5	13.2	14.6
SDX00R-020-18	17.6	15.1	18.2	17.8	18.3	18.0	17.6	19.7	14.4	19.5

UNIFORM TEST I Roundup-Ready, 2007

SEED QUALITY (score)

Strain	Mean 7 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN	Waseca MN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	1.5	1.0	1.5			1.5	1.5	2.0	2.0	1.0
SD1111RR (E)	1.6	1.0	1.0			2.0	1.5	3.0	2.0	1.0
MN1803RR	1.6	1.5	1.5			2.0	1.5	2.0	2.0	1.0
AG2002	1.4	1.5	1.0			1.5	2.0	2.0	1.0	1.0
M00-530039	1.5	2.0	1.0			2.0	1.5	2.0	1.0	1.0
SD01-1120R	1.4	2.0	1.0			1.5	1.5	2.0	1.0	1.0
SD01-3477R	1.6	1.5	1.0			1.5	1.5	3.0	2.0	1.0
SD02R-5	1.6	1.5	1.0			2.0	1.5	2.0	2.0	1.0
SD02R-8	1.5	1.5	1.0			1.5	1.0	2.0	2.0	1.5
SD03-2662R	2.1	1.5	2.0			2.5	1.5	4.0	2.0	1.0
SD03-2768R	1.5	1.0	1.0			1.5	2.0	2.0	2.0	1.0
SD03-2814	1.6	1.5	1.0			1.5	1.5	2.0	3.0	1.0
SD03-3038R	1.6	1.5	1.5			1.5	1.5	2.0	2.0	1.0
SD03-3493R	1.6	1.5	1.0			1.5	1.5	2.0	3.0	1.0
SDX00R-017-52	1.6	1.5	1.0			2.0	1.5	2.0	2.0	1.5
SDX00R-020-18	1.5	1.5	1.0			2.0	1.0	2.0	2.0	1.0

UNIFORM TEST I Roundup-Ready, 2007

PROTEIN (%)

Strain	Mean 8 Tests	Lamberton MN	Waseca MN	Ingham County MI	Lafayette IN	Wanatah IN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	34.3	33.3	32.4	36.0	34.8	34.9	36.2	32.8	34.1
SD1111RR (E)	33.4	32.5	31.4	33.4	34.5	34.9	35.6	32.1	32.9
MN1803RR	34.7	31.5	34.0	35.5	36.9	35.4	34.7	34.6	35.3
AG2002	34.0	30.6	32.6	36.2	35.6	34.6	33.7	33.6	35.0
M00-530039	33.8	31.5	32.4	33.5	35.6	35.0	34.4	33.1	35.1
SD01-1120R	33.6	32.4	32.2	34.7	35.0	33.1	34.1	32.6	35.0
SD01-3477R	33.5	31.7	32.6	33.1	35.3	34.9	33.2	32.7	34.2
SD02R-5	33.6	29.5	33.2	35.5	34.5	34.5	34.5	32.8	34.5
SD02R-8	33.0	31.0	31.8	34.6	34.6	33.8	33.4	31.4	33.3
SD03-2662R	33.8	31.3	32.3	34.5	33.9	35.4	35.3	33.4	34.0
SD03-2768R	32.9	29.8	31.8	33.5	34.2	34.6	34.5	31.9	33.1
SD03-2814	34.0	31.8	32.1	34.8	35.7	36.0	33.7	33.7	34.3
SD03-3038R	33.5	31.0	32.3	34.2	33.2	35.0	35.2	32.2	35.1
SD03-3493R	33.8	32.0	31.7	34.3	35.1	35.0	34.7	32.7	34.6
SDX00R-017-52	33.1	29.9	31.2	34.4	34.4	33.8	33.8	33.6	33.6
SDX00R-020-18	33.8	30.5	31.6	35.8	34.8	35.1	34.6	37.0	31.1

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

UNIFORM TEST I Roundup-Ready, 2007

OIL (%)

Strain	Mean 8 Tests	Lamberton MN	Waseca MN	Ingham County MI	Lafayette IN	Wanatah IN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	17.7	18.2	18.0	16.8	18.1	18.3	16.8	17.7	17.8
SD1111RR (E)	18.9	18.3	19.6	18.9	18.9	19.4	17.5	18.8	19.4
MN1803RR	18.6	19.9	18.1	18.7	19.3	19.4	18.2	16.8	18.4
AG2002	18.6	19.9	19.0	17.3	18.9	18.8	18.4	17.6	18.6
M00-530039	18.7	19.3	19.0	19.6	18.5	18.9	18.3	18.0	18.4
SD01-1120R	19.2	19.2	19.6	18.5	19.9	20.9	18.7	18.4	18.8
SD01-3477R	19.1	19.6	19.5	19.4	18.6	19.0	18.7	18.5	19.2
SD02R-5	19.2	21.2	18.4	18.6	20.7	20.2	18.2	18.0	18.4
SD02R-8	19.6	19.8	19.7	19.3	20.9	20.8	18.7	18.4	19.0
SD03-2662R	19.2	19.6	19.4	18.6	20.5	20.4	18.2	18.2	19.1
SD03-2768R	18.8	19.8	18.8	19.0	19.3	18.9	17.7	18.1	18.6
SD03-2814	17.9	18.6	18.2	17.6	18.0	17.9	18.0	16.8	18.2
SD03-3038R	19.6	20.8	19.8	19.5	21.0	19.6	18.6	18.7	19.1
SD03-3493R	19.1	19.8	19.1	18.4	19.6	19.5	18.3	19.0	18.7
SDX00R-017-52	19.9	21.5	20.7	19.6	20.8	20.0	19.9	17.7	19.5
SDX00R-020-18	19.1	19.6	19.9	17.9	18.5	18.8	18.2	21.5	18.6

Preliminary Test I Roundup-Ready, 2007

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	SD1161RR/(SCN)	IA1008 x SD1081RR	F4	
2.	SD1111RR (E)	A97-771039 x SD1081RR	F4	
3.	MN1803RR	Parker (2) x Resnik BC2F2		
4.	AG2002	na		
5.	M01-318034	M94-161045 x MN1504RR	F5	
6.	M01-321154	MN0302 x MN0206RR	F5	
7.	M01-322148	MN1803RR x MN0206RR	F5	
8.	SD03-4191R	A96-246029 x SD1081RR	F4	RR
9.	SD04R-2419	HS96-3332 x SD1091RR	F4	RR
10.	SD04R-2435	HS96-3332 x SD1091RR	F4	RR
11.	SD04R-2673	MN0902 x SD93-828R	F4	RR
12.	SD04R-2700	MN0902 x SD93-828R	F4	RR
13.	SD04R-2707	MN0902 x SD93-828R	F4	RR
14.	SD04R-2738	Parker x SD1081RR	F4	RR
15.	SD04R-3903	A96-246029 x SD1081RR	F4	RR
16.	SD04R-4024	ORC9808 x SD1081RR	F4	RR
17.	SD04R-4058	SD96-2156 x SD93-828R	F4	RR
18.	SD04R-4116	SD96-2156 x SD93-828R	F4	RR
19.	SDX04R-68-1-3	SDX00R-039-42 x PI71506	F4	RR, Aphid

PRELIMINARY TEST I Roundup Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>		<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>		<u>FE</u>
		Score		Score	Score	Lafayette		Laf.
		Granite Falls MN	Wilkin County MN	St. Hyacinthe Que.	Manhattan KS	Race 4	Race 7	a rx.
SD1161RR/(SCN)	WGBDYI	4.3	3.3	4.0	2.0	S	S	S
SD1111RR (E)	PGBDYI	4.3	4.3	1.0	1.0	S	S	S
MN1803RR	WGBDYBfI	4.3	3.8	1.5	1.0	S	S	S
AG2002	PTBDYLbII	4.0	3.0	1.0	1.0	H	R	S
M01-318034	WTBDYBII	4.3	4.0	1.0	1.0	H*	R*	S
M01-321154	PGBDYIbI	3.8	3.5	1.0	1.0	S	S	S
M01-322148	WGBIYBfI	4.0	4.3	1.5	2.0	R*	R*	S
SD03-4191R	PGBDYIbI	3.8	4.0	1.0	2.0	R*	R*	S
SD04R-2419	PGBDYIbI	4.5	3.8	1.0	1.0	S	R*	S
SD04R-2435	PGBDYIbI	4.3	3.8	1.5	3.0	S	R*	S
SD04R-2673	PGBDYIb+BfI	4.5	3.3	1.5	3.0	R*	S	-
SD04R-2700	PTBDYBrI	4.5	3.3	1.0	1.0	R*	R*	S
SD04R-2707	WTTDYBII	4.3	2.8	1.0	2.0	R*	R*	-
SD04R-2738	PGBDYBfI	4.0	3.3	1.5	1.0	S	S	S
SD04R-3903	PGBDYI	3.3	2.5	1.0	2.0	S	S	S
SD04R-4024	PGBDYIbI	4.5	4.0	1.0	2.0	S	S	S
SD04R-4058	WGBDYBfI	3.5	3.0	1.5	2.0	S	S	S
SD04R-4116	WGBDYBfI	4.3	3.3	1.2	2.0	S	H*	S
SDX04R-68-1-3	PGBDYI	3.3	2.8	1.5	1.0	S	S	S

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

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

PRELIMINARY TEST I Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	6 bu/a	6 No.	8 Date	8 Score	8 In.	8 g/100	7 Score	8 Protein %	8 Oil %
SD1161RR/(SCN)	47.1	2	9/18	1.5	31	16.2	1.7	34.3	17.6
SD1111RR (E)	43.2	4	-3.8	1.6	33	15.5	1.5	33.5	18.8
MN1803RR	42.1	6	0.8	1.4	36	16.3	1.6	34.2	18.7
AG2002	48.1	1	2.4	1.4	36	13.9	1.5	33.9	18.4
M01-318034	36.7	18	0.3	1.8	36	15.6	1.6	36.2	17.2
M01-321154	40.4	12	-4.6	1.5	32	15.9	1.6	35.7	18.6
M01-322148	38.3	16	-2.6	1.3	32	16.7	1.9	36.2	18.0
SD03-4191R	39.1	15	-4.9	1.4	32	15.5	1.6	37.0	16.4
SD04R-2419	41.2	10	-3.8	1.5	29	18.5	1.9	35.5	18.1
SD04R-2435	40.7	11	0.4	1.6	36	14.3	1.8	32.4	18.6
SD04R-2673	41.8	8	3.3	1.5	33	15.8	1.5	34.0	18.3
SD04R-2700	44.3	3	-0.5	1.6	33	16.9	1.5	35.0	18.4
SD04R-2707	40.2	14	0.6	1.6	33	14.4	1.6	34.8	18.1
SD04R-2738	43.2	4	-3.8	1.6	32	15.0	1.6	34.2	19.2
SD04R-3903	38.2	17	1.4	1.4	29	14.3	1.6	33.9	17.7
SD04R-4024	40.4	12	-0.1	1.4	30	13.9	1.6	33.5	19.5
SD04R-4058	41.9	7	-1.9	1.5	34	16.1	1.9	33.5	19.1
SD04R-4116	41.5	9	1.6	1.5	34	13.9	1.6	34.2	18.1
SDX04R-68-1-3	36.1	19	-4.8	1.3	31	17.1	1.8	33.7	19.3

125.0 Days After Planting

PRELIMINARY TEST I Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 6 Tests	Lafayette IN	Wanatah IN	Ingham County* MI	Lamberton MN	Waseca MN	St. Hyacinthe* Que.	Aurora SD	Watertown SD
SD1161RR/(SCN)	47.1	48.0	48.7	42.0	44.1	48.1	58.3	48.2	45.5
SD1111RR (E)	43.2	33.9	42.2	28.7	39.2	48.7	55.2	47.1	47.9
MN1803RR	42.1	36.8	55.3	45.0	39.2	35.1	71.2	44.6	41.5
AG2002	48.1	45.8	55.7	45.9	47.0	42.1	61.0	55.5	42.3
M01-318034	36.7	31.8	49.8	30.4	30.8	29.0	54.4	40.3	38.6
M01-321154	40.4	34.9	40.6	34.1	38.7	41.3	36.0	44.5	42.5
M01-322148	38.3	33.8	40.9	32.9	36.5	40.2	64.6	34.7	43.4
SD03-4191R	39.1	33.2	38.1	22.3	41.1	37.3	55.7	44.2	40.9
SD04R-2419	41.2	40.6	36.7	32.5	39.8	42.8	55.3	44.5	42.7
SD04R-2435	40.7	41.0	46.8	28.1	37.9	37.4	47.2	47.7	33.5
SD04R-2673	41.8	44.3	44.8	41.3	43.1	37.4	44.8	44.5	36.6
SD04R-2700	44.3	42.3	52.3	29.9	41.5	38.2	58.3	46.6	44.7
SD04R-2707	40.2	39.3	48.6	30.1	34.0	38.5	56.2	40.5	40.1
SD04R-2738	43.2	41.1	45.6	29.3	41.3	46.7	55.8	44.4	40.0
SD04R-3903	38.2	40.8	37.2	28.0	29.0	38.7	55.0	42.5	40.8
SD04R-4024	40.4	37.6	40.0	28.7	39.6	35.8	47.6	46.7	42.8
SD04R-4058	41.9	39.1	36.2	35.1	39.2	53.0	45.2	44.5	39.5
SD04R-4116	41.5	38.6	44.1	35.2	41.3	44.8	46.6	43.9	36.2
SDX04R-68-1-3	36.1	39.3	43.4	23.9	36.0	40.9	17.6	34.7	22.3
C.V. (%)		6.6	12.4	16.4	7.9	11.4	16.6	8.6	5.2
L.S.D. (5%)		5.4	11.6	9.3	6.4	9.7	18.3	7.9	4.4
Row Sp. (In.)		30	30	15	10	10	7	30	30
Rows/Plot		4	4	6	4	4	5	4	4
Reps		2	2	2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST I Roundup-Ready, 2006

YIELD RANK

Strain	Yield Rank	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
SD1161RR/(SCN)	2	1	5	3	2	3	5	2	2
SD1111RR (E)	4	16	12	14	10	2	10	3	1
MN1803RR	6	14	2	2	10	18	1	7	9
AG2002	1	2	1	1	1	7	3	1	8
M01-318034	18	19	4	10	18	19	12	17	15
M01-321154	12	15	14	7	13	8	18	8	7
M01-322148	16	17	13	8	15	10	2	18	4
SD03-4191R	15	18	16	19	7	16	8	13	10
SD04R-2419	10	8	18	9	8	6	9	8	6
SD04R-2435	11	6	7	16	14	14	14	3	18
SD04R-2673	8	3	9	4	3	14	17	8	15
SD04R-2700	3	4	3	12	4	13	4	6	3
SD04R-2707	14	9	6	11	17	12	6	16	12
SD04R-2738	4	5	8	13	5	4	7	12	13
SD04R-3903	17	7	17	17	19	11	11	15	11
SD04R-4024	12	13	15	15	9	17	13	5	5
SD04R-4058	7	11	19	6	10	1	16	8	14
SD04R-4116	9	12	10	5	5	5	15	14	17
SDX04R-68-1-3	19	9	11	18	16	9	19	18	19

PRELIMINARY TEST I Roundup-Ready, 2006

MATURITY (date)

Strain	Mean	Lafayette IN	Wanatah IN	Ingham			St. Hyacinthe Que.	Aurora SD	Watertown SD
	8 Tests			County MI	Lamberton MN	Waseca MN			
SD1161RR/(SCN)	9/18	8/28	9/5	9/15	9/28	9/19	10/11	9/22	9/22
SD1111RR (E)	-3.8	-5	-8	-3	-4	-2	-8	0	0
MN1803RR	0.8	0	3	1	1	1	0	0	0
AG2002	2.4	4	4	9	2	3	4	-5	-2
M01-318034	0.3	-2	1	-1	2	0	2	0	0
M01-321154	-4.6	-4	-7	-3	-6	-4	-7	-4	-2
M01-322148	-2.6	-5	-2	0	-4	-2	-8	0	0
SD03-4191R	-4.9	-4	-9	-2	-6	-3	-6	-6	-3
SD04R-2419	-3.8	-2	-5	-2	-4	-3	-6	-7	-1
SD04R-2435	0.4	2	2	6	0	1	1	-5	-4
SD04R-2673	3.3	6	8	9	3	4	5	-5	-4
SD04R-2700	-0.5	-1	1	1	-4	2	-3	0	0
SD04R-2707	0.6	2	4	5	-1	2	4	-8	-3
SD04R-2738	-3.8	-5	-8	-3	-6	-1	-7	0	0
SD04R-3903	1.4	1	0	1	2	3	4	0	0
SD04R-4024	-0.1	3	-2	0	3	3	2	-7	-3
SD04R-4058	-1.9	-3	-3	1	-3	-1	-5	-1	0
SD04R-4116	1.6	0	3	5	0	3	3	-1	0
SDX04R-68-1-3	-4.8	-3	-5	-4	-7	-4	-5	-7	-3
Date Planted	5/16	5/7	5/10	5/11	5/22	5/14	5/30	5/14	5/25
Days to Mature	125	113	118	127	129	128	134	131	120

PRELIMINARY TEST I Roundup-Ready, 2006

LODGING (score)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
SD1161RR/(SCN)	1.5	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0
SD1111RR (E)	1.6	1.3	1.0	1.0	2.0	2.5	1.0	2.0	2.0
MN1803RR	1.4	1.0	1.0	1.0	2.0	2.5	1.0	2.0	1.0
AG2002	1.4	1.0	1.0	1.0	2.0	2.0	1.0	2.0	1.0
M01-318034	1.8	1.0	1.5	1.0	2.5	2.5	1.5	2.0	2.0
M01-321154	1.5	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0
M01-322148	1.3	1.0	1.0	1.0	1.5	2.0	1.0	2.0	1.0
SD03-4191R	1.4	1.0	1.0	1.0	2.0	2.5	1.0	2.0	1.0
SD04R-2419	1.5	1.0	1.0	1.0	1.0	2.0	1.0	2.0	3.0
SD04R-2435	1.6	1.0	1.0	1.0	2.0	2.5	1.5	2.0	2.0
SD04R-2673	1.5	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0
SD04R-2700	1.6	1.0	1.0	1.0	2.0	2.5	1.0	2.0	2.0
SD04R-2707	1.6	1.0	1.0	1.0	1.5	2.5	1.5	2.0	2.0
SD04R-2738	1.6	1.5	1.0	1.0	2.0	3.0	1.0	2.0	1.0
SD04R-3903	1.4	1.0	1.0	1.0	1.5	2.0	1.0	2.0	2.0
SD04R-4024	1.4	1.0	1.0	1.0	1.5	2.5	1.0	2.0	1.0
SD04R-4058	1.5	1.3	1.0	1.0	2.0	2.5	1.5	2.0	1.0
SD04R-4116	1.5	1.0	1.3	1.0	2.0	2.5	1.5	2.0	1.0
SDX04R-68-1-3	1.3	1.0	1.0	1.0	2.0	2.5	1.0	1.0	1.0

PRELIMINARY TEST I Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
SD1161RR/(SCN)	31	28	27	27	37	38	30	31	32
SD1111RR (E)	33	29	27	29	38	39	33	32	39
MN1803RR	36	34	32	34	38	43	38	30	36
AG2002	36	32	31	34	39	40	35	37	37
M01-318034	36	34	33	34	38	41	39	34	35
M01-321154	32	28	26	26	33	34	29	38	41
M01-322148	32	27	26	28	35	36	36	29	37
SD03-4191R	32	27	27	26	37	37	33	30	40
SD04R-2419	29	26	23	25	32	34	31	25	35
SD04R-2435	36	35	34	33	39	41	37	32	36
SD04R-2673	33	32	30	31	36	39	31	31	37
SD04R-2700	33	31	29	30	35	39	34	29	34
SD04R-2707	33	30	29	30	35	40	32	27	41
SD04R-2738	32	30	26	29	36	40	34	30	34
SD04R-3903	29	26	24	23	27	32	30	33	34
SD04R-4024	30	26	27	23	32	38	32	28	32
SD04R-4058	34	33	28	33	36	40	31	31	39
SD04R-4116	34	32	32	32	36	37	35	31	40
SDX04R-68-1-3	31	28	28	27	35	42	31	24	34

PRELIMINARY TEST I Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
SD1161RR/(SCN)	16.2	14.7	16.1	18.4	15.9	15.5	15.4	18.2	15.4
SD1111RR (E)	15.5	13.8	15.9	15.7	15.2	16.1	14.0	18.7	15.0
MN1803RR	16.3	12.9	16.7	19.0	15.3	17.8	16.5	17.8	14.0
AG2002	13.9	11.0	14.5	16.3	13.5	14.3	15.3	13.2	13.2
M01-318034	15.6	12.6	14.7	16.1	16.5	18.0	16.6	15.8	14.4
M01-321154	15.9	14.1	16.6	16.1	15.6	17.0	15.0	18.0	14.6
M01-322148	16.7	14.5	17.0	16.5	16.5	17.1	15.9	19.9	16.2
SD03-4191R	15.5	13.0	15.4	15.7	15.5	17.0	15.4	17.4	14.8
SD04R-2419	18.5	16.5	17.1	19.3	19.4	19.2	18.6	21.2	17.0
SD04R-2435	14.3	12.4	14.7	16.4	14.3	15.5	14.7	13.6	13.0
SD04R-2673	15.8	14.7	17.7	18.5	15.4	16.6	17.1	13.6	13.1
SD04R-2700	16.9	14.7	17.0	18.3	16.6	17.3	17.7	18.5	15.3
SD04R-2707	14.4	12.6	15.3	16.9	14.2	14.6	15.2	13.6	13.2
SD04R-2738	15.0	13.4	14.6	15.2	15.2	15.5	14.9	18.0	13.3
SD04R-3903	14.3	13.2	13.4	16.1	14.8	15.0	14.3	15.5	12.4
SD04R-4024	13.9	12.9	12.7	14.8	14.2	14.0	15.5	14.0	13.3
SD04R-4058	16.1	14.4	16.1	17.2	16.5	17.4	15.2	17.3	14.5
SD04R-4116	13.9	11.8	14.2	15.5	15.0	14.7	14.4	13.4	12.4
SDX04R-68-1-3	17.1	16.4	15.9	16.6	15.5	18.3	17.2	18.9	17.7

PRELIMINARY TEST I Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 7 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
SD1161RR/(SCN)	1.7	1.5	1.5		2.0	2.0	1.0	2.0	2.0
SD1111RR (E)	1.5	1.5	1.5		1.0	1.5	1.0	2.0	2.0
MN1803RR	1.6	1.5	1.5		1.0	2.0	1.5	2.0	2.0
AG2002	1.5	1.5	1.5		1.0	1.5	1.0	2.0	2.0
M01-318034	1.6	1.5	1.0		1.0	2.0	1.0	2.0	3.0
M01-321154	1.6	1.5	1.5		1.5	1.5	1.0	2.0	2.0
M01-322148	1.9	3.5	2.0		1.0	2.0	1.0	2.0	2.0
SD03-4191R	1.6	2.0	1.5		1.0	2.0	1.0	2.0	2.0
SD04R-2419	1.9	3.5	1.5		1.0	2.0	1.0	2.0	2.0
SD04R-2435	1.8	3.5	1.0		1.0	2.0	1.0	2.0	2.0
SD04R-2673	1.5	2.0	1.0		1.0	1.5	1.0	2.0	2.0
SD04R-2700	1.5	2.0	1.5		1.0	1.0	1.0	2.0	2.0
SD04R-2707	1.6	1.5	1.0		1.0	1.5	1.0	3.0	2.0
SD04R-2738	1.6	2.0	1.5		1.5	1.5	1.0	2.0	2.0
SD04R-3903	1.6	2.0	1.0		1.5	1.5	1.0	2.0	2.0
SD04R-4024	1.6	2.0	1.0		1.0	1.5	1.0	3.0	2.0
SD04R-4058	1.9	2.0	2.5		1.5	2.0	1.0	2.0	2.0
SD04R-4116	1.6	1.5	1.0		1.0	1.0	1.5	3.0	2.0
SDX04R-68-1-3	1.8	2.0	1.5		1.5	1.5	1.0	3.0	2.0

PRELIMINARY TEST I Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	34.3	35.1	35.4	34.6	32.4	33.0	35.8	34.1	34.2
SD1111RR (E)	33.5	34.9	35.1	33.3	32.6	32.2	34.6	33.0	32.6
MN1803RR	34.2	36.1	35.2	35.1	31.4	33.0	34.1	34.1	34.8
AG2002	33.9	34.5	35.1	35.2	31.9	32.7	33.5	33.8	34.3
M01-318034	36.2	36.9	37.8	38.3	33.7	35.8	34.5	35.1	37.3
M01-321154	35.7	36.2	37.6	35.9	33.2	35.4	36.1	35.0	35.7
M01-322148	36.2	36.7	38.5	36.6	33.2	34.3	38.3	35.9	35.7
SD03-4191R	37.0	36.3	38.0	37.6	40.6	35.1	36.4	35.7	36.2
SD04R-2419	35.5	35.7	37.3	35.8	34.0	34.5	36.9	34.6	35.6
SD04R-2435	32.4	32.7	34.1	35.2	29.7	30.5	32.3	31.3	33.1
SD04R-2673	34.0	36.0	35.0	35.4	32.4	32.5	33.7	32.9	34.3
SD04R-2700	35.0	36.1	35.6	36.0	32.7	32.8	36.3	34.8	35.9
SD04R-2707	34.8	37.0	35.8	36.6	31.8	33.4	35.0	33.8	35.1
SD04R-2738	34.2	36.2	36.7	34.3	31.9	31.6	35.0	34.1	34.0
SD04R-3903	33.9	35.5	36.1	35.3	32.4	31.1	33.3	33.8	33.6
SD04R-4024	33.5	34.7	34.8	34.4	31.6	32.1	33.7	33.6	33.3
SD04R-4058	33.5	34.8	35.2	35.3	30.7	31.7	32.6	33.7	33.8
SD04R-4116	34.2	36.5	35.4	35.9	32.2	32.0	34.0	33.6	34.3
SDX04R-68-1-3	33.7	33.1	34.8	34.7	34.7	30.3	34.2	34.9	32.9

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

PRELIMINARY TEST I Roundup-Ready, 2006

OIL (%)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	Aurora SD	Watertown SD	St. Hyacinthe Que.
SD1161RR/(SCN)	17.6	17.9	17.9	17.7	17.8	17.6	16.9	16.9	17.9
SD1111RR (E)	18.8	19.0	18.6	19.4	18.2	19.1	18.4	18.5	19.3
MN1803RR	18.7	18.7	19.4	19.0	18.9	19.1	18.2	17.4	18.6
AG2002	18.4	19.6	17.8	17.6	18.7	19.1	18.1	17.3	18.9
M01-318034	17.2	17.0	16.8	16.8	18.2	17.5	17.5	16.6	17.1
M01-321154	18.6	19.2	18.6	19.0	19.1	19.2	17.9	17.4	18.3
M01-322148	18.0	17.8	17.5	18.4	19.1	18.9	16.9	17.4	18.3
SD03-4191R	16.4	16.9	16.7	16.9	13.0	17.5	16.9	15.9	17.1
SD04R-2419	18.1	19.7	18.5	17.2	18.4	17.8	17.1	17.6	18.2
SD04R-2435	18.6	20.5	18.8	17.5	19.0	19.3	18.0	17.1	18.8
SD04R-2673	18.3	18.9	18.3	18.2	18.4	19.1	17.8	17.0	19.0
SD04R-2700	18.4	19.2	18.4	17.8	18.9	19.6	18.0	17.3	17.8
SD04R-2707	18.1	18.3	18.1	17.3	18.9	19.2	17.9	16.9	18.4
SD04R-2738	19.2	18.8	19.5	20.2	20.0	20.0	18.9	17.1	19.1
SD04R-3903	17.7	18.6	17.1	17.2	17.9	18.9	17.6	16.1	18.3
SD04R-4024	19.5	20.6	20.1	20.3	19.6	19.8	19.0	17.6	18.9
SD04R-4058	19.1	19.4	19.6	18.9	19.5	20.1	19.0	17.5	18.9
SD04R-4116	18.1	17.7	18.2	18.1	19.0	19.0	17.2	17.3	18.4
SDX04R-68-1-3	19.3	20.0	20.2	18.6	21.8	20.0	18.1	16.5	18.8

Uniform Test II Roundup-Ready, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG2403 (II)	na	2		
2.	AG2002	na	new		
3.	AG2603	na	new		
4.	NEX2905A0R (L)	na	2		Det.
5.	LD05-16100	SD01-76R(4) x Dowling	new	BC3F2	aphid Rag1, RR
6.	LD05-16108	SD01-76R(4) x Dowling	new	BC3F2	aphid Rag1, RR
7.	SD03-2006R	IA2038 x SD1081RR	PTIIRR	F5	RR
8.	SD03-2222R	A97-770051 x SD93-828E	PTIIRR	F5	RR, Rps1-k
9.	SD03-2505R	MN0902 x SD93-828E	PTIIRR	F5	RR
10.	SD04R-2401	HS96-3332 x SD1091RR	new	F4	RR
11.	SD04R-2422	HS96-3332 x SD1091RR	new	F4	RR
12.	SD04R-2621	IA 2038 x SD93-828R	new	F4	RR
13.	SD04R-2652	IA 2038 x SD93-828R	new	F4	RR
14.	SD04R-2682	MN0902 x SD93-828R	new	F4	RR
15.	SD04R-3888	A96-246029 x HenRR	new	F4	RR
16.	SD04R-4394	TurnerRR x HenRR	new	F4	RR
17.	SDX00R-035-56	A97-771039 X SD1081RR	2	F4	RR
18.	SDX01R-007039	SD99-011R x Pion 9233	1	F4	Rps1-k
19.	SDX04R-68-1-8	SDX00R-039-42 x PI71506	new		RR, Aphid
20.	SDX04R-68-1-9	SDX00R-039-42 x PI71506	new		RR, Aphid
21.	SD(LD)05-16121	APX04-76-6 x SD01-76R	new		RR, Rag1
22.	SD(LD)05-16118	APX04-76-6 x SD01-76R	new		RR, Rag1
23.	SD(LD)05-16137	APX04-76-6 x SD01-76R	new		RR, Rag1
24.	U03-230155	na	1	F5	RR
25.	U03-801174	na	PTIIRR	F5	IDC,BSR?
26.	U03-801278	na	PTIIRR	F5	IDC,BSR?
27.	U03-825124	na	PTIIRR	F5	IDC,BSR?

UNIFORM TEST II Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Shattering	NSC	PR		FE	SDS	
		Score Manhattan KS	Score (0-10) Brookings SD	Lafayette Race 4	Race 7	Laf. a rx.	DX Paris IL	DX Pomtiac IL
AG2403 (II)	PTTDYBII	1.0	0.0	R	R	S	20	1
AG2002	PTBDYBII	1.0	0.0	S	R	S	0	1
AG2603	PGBDYIbI	1.0	3.5	S	R	-	5	2
NEX2905A0R (L)	PGBDYIbI	2.0	1.5	S	S	S	0	1
LD05-16100	PGBIYIbI	1.0	3.5	S	S	S	4	4
LD05-16108	PGTIYIbI	2.0	1.0	S	S	S	4	2
SD03-2006R	PTBDYBfI	2.0	3.0	S	S	S	1	1
SD03-2222R	PGBDYIbI	3.0	4.5	S*	S*	S	1	1
SD03-2505R	PGBDYBfI	3.0	2.5	R*	R*	-	2	0
SD04R-2401	PGBDYIbI	1.0	3.5	S	R*	S	5	0
SD04R-2422	PGBDYIbI	1.0	1.5	S	R*	S	1	2
SD04R-2621	PTBDYBfI	4.0	1.5	S	S	-	1	1
SD04R-2652	PGBDYBfI	4.0	4.5	R*	S	S	0	1
SD04R-2682	PTBDYBII	3.0	3.0	R*	R*	S	2	0
SD04R-3888	PGBIYYI	2.0	4.0	S	R*	S	5	2
SD04R-4394	WGBDYBfI	2.0	3.5	S	S	S	1	1
SDX00R-035-56	WGBDYYI	2.0	3.0	S	S	S	3	2
SDX01R-007039	PTTDYBfI	3.0	1.0	R	R	S	13	3
SDX04R-68-1-8	PGBDYYI	1.0	1.5	S	S	S	1	0
SDX04R-68-1-9	PGBDYYI	2.0	3.0	S	S	S	3	1
SD(LD)05-16121	PGTIYIbI	2.0	2.5	H*	S	S	4	1
SD(LD)05-16118	PGTIYIbI	1.0	3.0	S	S	S	6	3
SD(LD)05-16137	PGTIYIbI	1.0	1.5	S	S	S	2	1
U03-230155	WTBDYBII	1.0	3.5	S	R*	S	9	0
U03-801174	PG+TTDYBI+IbI	2.0	0.0	S	R*	S	13	10
U03-801278	WGTSYLbf+YI	2.0	1.0	S	R*	S	14	9
U03-825124	PGTDYIbI	1.0	3.0	S	R*	S	13	3

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

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

UNIFORM TEST II Roundup-Ready, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	11 bu/a	11 No.	9 Date	8 Score	8 In.	10 g/100	9 Score	7 Protein %	7 Oil %
AG2403 (II)	57.2	4	9/16	1.3	30	16.7	2.4	34.2	19.0
AG2002	58.2	3	-2.0	1.6	35	13.8	2.2	34.5	18.4
AG2603	61.7	1	2.1	1.5	36	14.9	2.5	34.5	17.9
NEX2905A0R (L)	57.1	6	7.1	1.8	36	13.5	2.1	33.0	18.1
LD05-16100	53.2	9	1.2	1.5	34	14.4	2.0	32.8	19.7
LD05-16108	51.4	12	-1.2	1.3	32	14.4	1.9	33.5	18.9
SD03-2006R	45.4	25	-3.7	1.7	32	14.8	2.2	33.9	19.8
SD03-2222R	51.0	14	5.9	1.7	35	14.7	2.3	33.2	19.4
SD03-2505R	52.2	10	1.1	1.6	36	17.4	2.3	35.2	18.6
SD04R-2401	51.0	14	1.1	1.7	35	17.0	2.4	33.8	18.6
SD04R-2422	51.1	13	1.2	1.8	40	14.2	2.0	34.7	17.7
SD04R-2621	49.3	21	-1.7	1.5	33	16.9	2.3	35.1	18.3
SD04R-2652	49.4	19	-3.3	1.6	33	17.1	2.1	34.2	19.1
SD04R-2682	49.3	22	-0.3	1.6	36	17.7	2.2	34.7	18.7
SD04R-3888	47.3	24	0.4	1.5	34	13.9	2.3	35.8	18.0
SD04R-4394	49.4	19	1.9	1.5	33	16.3	2.7	33.4	19.4
SDX00R-035-56	55.2	8	-0.6	1.6	35	14.6	2.3	34.3	18.9
SDX01R-007039	52.0	11	3.5	2.1	35	16.0	2.4	35.2	17.9
SDX04R-68-1-8	42.4	26	-8.0	1.9	34	17.7	2.4	33.9	19.8
SDX04R-68-1-9	38.5	27	-7.2	2.0	34	16.9	2.6	33.9	19.0
SD(LD)05-16121	50.0	17	-2.1	1.4	31	14.2	1.9	32.8	19.4
SD(LD)05-16118	49.9	18	-0.1	1.4	34	14.4	1.9	33.2	19.0
SD(LD)05-16137	50.3	16	-4.1	1.4	31	14.6	2.0	33.3	19.6
U03-230155	47.6	23	6.7	1.9	36	13.8	2.2	33.2	18.4
U03-801174	56.0	7	1.7	1.5	30	17.4	2.3	34.4	18.8
U03-801278	57.1	5	4.0	1.1	31	15.6	2.0	33.7	18.6
U03-825124	59.3	2	5.1	1.4	34	15.9	2.3	33.4	18.6

121.2 Days After Planting

UNIFORM TEST II Roundup-Ready, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield bu/a	Rank No.	Maturity Date	Lodging Score	Plant Height In.	Seed Size g/100	Seed Quality Score	Composition	
								Protein %	Oil %
	22	22	19	17	17	21	17	13	13
AG2403	58.0	2	9/18	1.3	29	16.2	2.3	34.5	18.0
NEX2905A0R	58.5	1	7.9	1.7	35	13.1	2.1	33.5	17.1
SDX00R-035-56	56.0	3	0.2	1.5	34	14.1	2.2	34.6	18.0
SDX01R-007039	51.7	5	2.7	1.8	35	15.2	2.4	35.4	17.2
U03-230155	52.6	4	7.5	2.1	37	14.0	2.1	33.8	17.5

123.0 Days After Planting

2005-2007 3-YEAR MEAN

No. of Tests Strain	Yield bu/a	Rank No.	Maturity Date	Lodging Score	Plant Height In.	Seed Size g/100	Seed Quality Score	Composition	
								Protein %	Oil %
	33	33	29	27	26	31	23	16	16
AG2403 (II)	58.6	2	9/16	1.3	29	15.9	2.2	33.9	18.2
NEX2905A0R (L)	58.9	1	7.8	1.7	34	13.0	2.0	33.0	17.4
SDX00R-035-56	56.8	3	-0.3	1.6	34	13.7	2.0	33.5	18.2

122.4 Days After Planting

UNIFORM TEST II Roundup-Ready, 2007

YIELD (bu/a)

Strain	Mean 11 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	57.2	60.5	46.7	44.3	32.5	73.5
AG2002	58.2	64.0	46.9	48.4	46.5	76.2
AG2603	61.7	65.8	53.3	59.6	42.7	77.0
NEX2905A0R (L)	57.1	53.7	48.3	56.6	43.1	77.2
LD05-16100	53.2	52.1	50.4	42.1	37.2	68.0
LD05-16108	51.4	48.8	43.7	41.2	35.4	71.4
SD03-2006R	45.4	51.0	41.9	32.5	27.1	58.1
SD03-2222R	51.0	51.4	46.7	39.4	31.8	70.8
SD03-2505R	52.2	54.5	47.1	42.7	32.4	73.0
SD04R-2401	51.0	51.2	48.1	41.1	33.4	69.7
SD04R-2422	51.1	48.2	42.8	49.0	27.6	76.6
SD04R-2621	49.3	46.9	40.9	41.9	34.2	61.9
SD04R-2652	49.4	45.6	40.4	49.1	27.1	69.7
SD04R-2682	49.3	52.0	43.2	42.8	28.8	63.2
SD04R-3888	47.3	52.3	44.8	46.9	37.1	64.8
SD04R-4394	49.4	54.9	45.6	46.7	28.7	70.3
SDX00R-035-56	55.2	53.3	44.9	47.8	32.4	79.9
SDX01R-007039	52.0	44.2	45.3	48.4	29.2	75.5
SDX04R-68-1-8	42.4	44.8	41.4	41.5	28.7	55.9
SDX04R-68-1-9	38.5	43.8	39.2	38.1	24.4	50.5
SD(LD)05-16121	50.0	48.6	43.2	32.3	34.9	67.8
SD(LD)05-16118	49.9	43.0	41.5	33.5	34.3	76.4
SD(LD)05-16137	50.3	44.5	43.5	35.6	35.9	74.9
U03-230155	47.6	47.5	52.9	43.5	34.7	64.4
U03-801174	56.0	52.9	49.5	46.8	34.2	78.4
U03-801278	57.1	56.2	51.9	46.3	35.5	76.3
U03-825124	59.3	55.8	54.0	54.9	38.8	79.3
C.V. (%)		7.8	5.1	11.4	11.3	4.6
L.S.D. (5%)		6.9	3.9	8.3	6.5	5.6
Row Sp. (In.)		30	30	30	15	15
Rows/Plot		4	4	4	6	6
Reps		3	3	3	2	2

*Data not included in mean.

UNIFORM TEST II Roundup-Ready, 2007

YIELD (bu/a)

Strain	Beemer NE	Cotesfield NE	Mead NE	Chatham ONT	Aurora SD	Beresford SD
AG2403 (II)	59.3	76.2	56.5	62.8	54.7	62.7
AG2002	63.8	69.1	48.8	65.8	54.8	55.5
AG2603	63.4	77.4	62.0	66.0	50.6	61.4
NEX2905A0R (L)	62.0	78.2	62.2	56.8	42.7	47.1
LD05-16100	59.3	68.8	58.3	56.9	47.4	44.6
LD05-16108	57.1	66.8	53.6	54.6	40.4	52.1
SD03-2006R	50.7	54.0	43.2	43.9	47.7	49.5
SD03-2222R	53.5	67.0	50.6	56.4	40.0	53.0
SD03-2505R	58.1	63.1	53.7	52.4	45.3	51.7
SD04R-2401	55.0	60.6	48.9	53.7	47.6	52.1
SD04R-2422	57.4	66.4	55.3	52.9	36.6	48.9
SD04R-2621	53.6	66.1	45.3	54.1	44.2	53.4
SD04R-2652	56.3	56.0	49.5	51.2	44.6	53.4
SD04R-2682	56.3	63.0	54.2	47.5	40.4	50.6
SD04R-3888	51.5	55.0	39.7	47.3	39.6	41.3
SD04R-4394	49.4	59.7	42.8	48.0	46.7	50.9
SDX00R-035-56	61.2	71.5	54.8	51.2	54.2	56.1
SDX01R-007039	56.3	64.1	53.1	52.3	47.9	55.5
SDX04R-68-1-8	64.2	44.2	35.9	34.8	39.2	36.0
SDX04R-68-1-9	43.0	43.6	37.0	35.1	42.0	26.9
SD(LD)05-16121	60.2	66.0	48.4	44.3	52.3	52.4
SD(LD)05-16118	59.5	67.4	49.1	53.2	41.3	49.3
SD(LD)05-16137	57.8	67.5	48.8	45.9	42.1	56.5
U03-230155	56.2	56.5	43.3	46.9	36.9	40.4
U03-801174	57.4	72.0	54.6	60.9	47.8	61.3
U03-801278	61.3	73.4	58.1	62.0	50.4	56.9
U03-825124	59.8	73.9	68.0	59.3	51.3	57.7
C.V. (%)	6.0	7.7	10.3	5.7	6.1	8.1
L.S.D. (5%)	8.8	12.3	12.9	4.1	4.5	6.7
Row Sp. (In.)	30	30	30	17	30	30
Rows/Plot	4	4	4	5	4	4
Reps	2	2	2	3	3	3

UNIFORM TEST II Roundup-Ready, 2007

YIELD RANK

Strain	Yield Rank	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	4	3	11	13	16	12
AG2002	3	2	10	6	1	9
AG2603	1	1	2	1	3	5
NEX2905A0R (L)	6	8	7	2	2	4
LD05-16100	9	12	5	17	5	19
LD05-16108	12	17	17	20	9	14
SD03-2006R	25	16	22	26	25	25
SD03-2222R	14	14	11	22	19	15
SD03-2505R	10	7	9	16	17	13
SD04R-2401	14	15	8	21	15	17
SD04R-2422	13	19	21	5	24	6
SD04R-2621	21	21	25	18	13	24
SD04R-2652	19	22	26	4	26	18
SD04R-2682	22	13	19	15	21	23
SD04R-3888	24	11	16	9	6	21
SD04R-4394	19	6	13	11	22	16
SDX00R-035-56	8	9	15	8	18	1
SDX01R-007039	11	25	14	6	20	10
SDX04R-68-1-8	26	23	24	19	23	26
SDX04R-68-1-9	27	26	27	23	27	27
SD(LD)05-16121	17	18	19	27	10	20
SD(LD)05-16118	18	27	23	25	12	7
SD(LD)05-16137	16	24	18	24	7	11
U03-230155	23	20	3	14	11	22
U03-801174	7	10	6	10	14	3
U03-801278	5	4	4	12	8	8
U03-825124	2	5	1	3	4	2

UNIFORM TEST II Roundup-Ready, 2007

YIELD RANK

Strain	Beemer NE	Cotesfield NE	Mead NE	Chatham ONT	Aurora SD	Beresford SD
AG2403 (II)	10	3	6	3	2	1
AG2002	2	8	18	2	1	8
AG2603	3	2	3	1	6	2
NEX2905A0R (L)	4	1	2	8	17	22
LD05-16100	10	9	4	7	12	23
LD05-16108	16	13	12	10	21	15
SD03-2006R	25	25	23	25	10	19
SD03-2222R	23	12	14	9	23	12
SD03-2505R	12	18	11	15	14	16
SD04R-2401	21	20	17	12	11	14
SD04R-2422	14	14	7	14	27	21
SD04R-2621	22	15	21	11	16	11
SD04R-2652	18	23	15	18	15	10
SD04R-2682	18	19	10	20	22	18
SD04R-3888	24	24	25	21	24	24
SD04R-4394	26	21	24	19	13	17
SDX00R-035-56	6	7	8	17	3	7
SDX01R-007039	18	17	13	16	8	9
SDX04R-68-1-8	1	26	27	27	25	26
SDX04R-68-1-9	27	27	26	26	19	27
SD(LD)05-16121	7	16	20	24	4	13
SD(LD)05-16118	9	11	16	13	20	20
SD(LD)05-16137	13	10	18	23	18	6
U03-230155	20	22	22	22	26	25
U03-801174	14	6	9	5	9	3
U03-801278	5	5	5	4	7	5
U03-825124	8	4	1	6	5	4

UNIFORM TEST II Roundup-Ready, 2007

MATURITY (date)

Strain	Mean 9 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	9/16	9/2	9/5	9/9	9/23	9/17
AG2002	-2.3	-2	-6	-4	1	2
AG2603	2.1	0	2	4	-1	5
NEX2905A0R (L)	7.1	3	9	8	8	11
LD05-16100	1.2	0	2	-1	-2	3
LD05-16108	-1.2	-1	-2	-3	-6	0
SD03-2006R	-3.7	-4	-5	-6	-10	-5
SD03-2222R	5.9	6	10	7	-1	14
SD03-2505R	1.1	0	0	1	4	1
SD04R-2401	1.1	-1	-2	-1	1	2
SD04R-2422	1.2	-2	-4	3	2	8
SD04R-2621	-1.7	-5	-6	-3	2	-4
SD04R-2652	-3.3	-5	-8	-1	-7	-5
SD04R-2682	-0.3	-1	-1	3	0	-2
SD04R-3888	0.4	-2	0	2	-2	6
SD04R-4394	1.9	2	3	3	-3	6
SDX00R-035-56	-0.6	-4	-6	-1	-3	5
SDX01R-007039	3.5	0	2	3	1	10
SDX04R-68-1-8	-8.0	-8	-9	-8	-11	-6
SDX04R-68-1-9	-7.2	-8	-10	-8	-9	-6
SD(LD)05-16121	-2.1	-2	-4	-4	-6	-2
SD(LD)05-16118	-0.1	-1	-2	-3	-1	1
SD(LD)05-16137	-4.1	-5	-7	-6	-9	-5
U03-230155	6.7	6	8	8	3	14
U03-801174	1.7	2	3	-1	-2	4
U03-801278	4.0	3	4	1	3	9
U03-825124	5.1	4	6	3	5	11
Date Planted	5/17	5/3	5/7	5/10	5/11	5/15
Days to Mature	121	122	121	122	135	125

UNIFORM TEST II Roundup-Ready, 2007

MATURITY (date)

Strain	Beemer NE	Cotesfield NE	Mead NE	Chatham ONT	Aurora SD	Beresford SD
AG2403 (II)	9/25		9/21	9/22		9/20
AG2002	-2		-6	-1		-3
AG2603	2		1	2		4
NEX2905A0R (L)	8		4	9		4
LD05-16100	2		0	2		5
LD05-16108	1		1	-1		0
SD03-2006R	-1		-2	-2		2
SD03-2222R	6		4	7		0
SD03-2505R	2		4	0		-2
SD04R-2401	2		1	3		5
SD04R-2422	1		-1	3		1
SD04R-2621	1		1	-1		0
SD04R-2652	0		-1	-4		1
SD04R-2682	1		1	0		-4
SD04R-3888	1		-3	2		0
SD04R-4394	3		-1	4		0
SDX00R-035-56	1		2	0		1
SDX01R-007039	6		2	4		
SDX04R-68-1-8	-9		-12	-9		0
SDX04R-68-1-9	-9		-10	-7		2
SD(LD)05-16121	2		-1	-1		-1
SD(LD)05-16118	2		1	0		2
SD(LD)05-16137	0		-5	-1		1
U03-230155	8		6	10		-3
U03-801174	3		3	3		0
U03-801278	8		3	4		1
U03-825124	8		6	4		-1
Date Planted	6/2	6/5	5/22	5/24	5/14	5/21
Days to Mature	115		122	121		122

UNIFORM TEST II Roundup-Ready, 2007

LODGING (score)

Strain	Mean 8 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	1.3	1.3	1.0	1.0	1.0	2.0
AG2002	1.6	1.3	1.0	1.0	1.0	3.0
AG2603	1.5	1.8	1.0	1.0	1.0	3.0
NEX2905A0R (L)	1.8	1.8	1.0	1.0	1.0	3.0
LD05-16100	1.5	1.8	1.0	1.0	1.0	3.0
LD05-16108	1.3	1.5	1.0	1.0	1.0	2.0
SD03-2006R	1.7	1.5	1.0	1.0	1.0	3.0
SD03-2222R	1.7	1.8	1.0	1.0	1.0	3.0
SD03-2505R	1.6	2.0	1.0	1.0	1.0	3.0
SD04R-2401	1.7	2.0	1.0	1.0	1.0	2.5
SD04R-2422	1.8	2.3	1.0	1.0	1.0	3.0
SD04R-2621	1.5	1.8	1.0	1.0	1.0	3.0
SD04R-2652	1.6	2.3	1.0	1.0	1.0	2.5
SD04R-2682	1.6	2.0	1.0	1.2	1.0	2.5
SD04R-3888	1.5	2.0	1.0	1.0	1.0	3.0
SD04R-4394	1.5	1.5	1.0	1.0	1.0	2.5
SDX00R-035-56	1.6	1.5	1.0	1.0	1.0	3.0
SDX01R-007039	2.1	1.8	1.0	1.2	1.0	3.0
SDX04R-68-1-8	1.9	2.3	1.3	1.0	1.5	4.0
SDX04R-68-1-9	2.0	2.5	1.3	1.0	1.0	3.0
SD(LD)05-16121	1.4	1.3	1.0	1.0	1.0	2.0
SD(LD)05-16118	1.4	1.5	1.0	1.0	1.0	2.0
SD(LD)05-16137	1.4	1.3	1.0	1.0	1.0	2.0
U03-230155	1.9	2.0	1.2	1.5	1.5	4.0
U03-801174	1.5	1.5	1.0	1.0	1.0	2.0
U03-801278	1.1	1.3	1.0	1.0	1.0	1.5
U03-825124	1.4	1.5	1.0	1.0	1.0	2.0

UNIFORM TEST II Roundup-Ready, 2007

LODGING (score)

Strain	Beemer NE	Cotesfield NE	Mead NE	Chatham ONT	Aurora SD	Beresford SD
AG2403 (II)				1.0	2.0	1.0
AG2002				1.6	2.0	2.0
AG2603				1.4	2.0	1.0
NEX2905A0R (L)				2.4	2.0	2.0
LD05-16100				1.3	2.0	1.0
LD05-16108				1.0	2.0	1.0
SD03-2006R				1.7	2.0	2.0
SD03-2222R				1.7	2.0	2.0
SD03-2505R				1.0	2.0	2.0
SD04R-2401				1.1	2.0	3.0
SD04R-2422				1.9	2.0	2.0
SD04R-2621				1.2	2.0	1.0
SD04R-2652				1.4	2.0	2.0
SD04R-2682				1.0	2.0	2.0
SD04R-3888				2.1	1.0	1.0
SD04R-4394				1.2	2.0	2.0
SDX00R-035-56				1.2	2.0	2.0
SDX01R-007039				1.5	2.0	5.0
SDX04R-68-1-8				1.0	2.0	2.0
SDX04R-68-1-9				1.5	2.0	4.0
SD(LD)05-16121				1.2	2.0	2.0
SD(LD)05-16118				1.1	2.0	2.0
SD(LD)05-16137				1.0	2.0	2.0
U03-230155				1.4	2.0	2.0
U03-801174				1.2	2.0	2.0
U03-801278				1.2	1.0	1.0
U03-825124				1.0	2.0	2.0

UNIFORM TEST II Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	30	30	26	25	25	34
AG2002	35	34	32	29	37	41
AG2603	36	37	35	33	35	44
NEX2905A0R (L)	36	33	34	32	35	44
LD05-16100	34	35	34	27	29	41
LD05-16108	32	34	31	28	28	37
SD03-2006R	32	31	26	25	27	35
SD03-2222R	35	37	33	27	31	42
SD03-2505R	36	38	32	29	34	41
SD04R-2401	35	33	32	28	31	41
SD04R-2422	40	42	35	35	35	48
SD04R-2621	33	33	31	28	33	38
SD04R-2652	33	31	29	28	31	36
SD04R-2682	36	41	33	32	35	42
SD04R-3888	34	36	33	30	31	41
SD04R-4394	33	34	28	29	26	41
SDX00R-035-56	35	34	31	30	31	44
SDX01R-007039	35	35	33	30	36	46
SDX04R-68-1-8	34	32	32	28	31	36
SDX04R-68-1-9	34	35	32	26	28	41
SD(LD)05-16121	31	33	29	23	27	34
SD(LD)05-16118	34	33	31	25	26	40
SD(LD)05-16137	31	31	29	25	27	35
U03-230155	36	35	34	31	34	45
U03-801174	30	29	26	26	29	34
U03-801278	31	30	30	27	27	36
U03-825124	34	33	30	31	30	41

UNIFORM TEST II Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Beemer NE	Cotesfield NE	Mead NE	Chatham ONT	Aurora SD	Beresford SD
AG2403 (II)				33	34	36
AG2002				38	33	33
AG2603				41	34	26
NEX2905A0R (L)				39	35	39
LD05-16100				37	37	34
LD05-16108				35	30	35
SD03-2006R				35	36	44
SD03-2222R				37	33	42
SD03-2505R				36	35	41
SD04R-2401				39	34	42
SD04R-2422				46	37	42
SD04R-2621				37	35	31
SD04R-2652				34	35	37
SD04R-2682				41	31	35
SD04R-3888				37	29	34
SD04R-4394				40	29	34
SDX00R-035-56				39	36	37
SDX01R-007039				41	33	28
SDX04R-68-1-8				36	37	39
SDX04R-68-1-9				39	32	42
SD(LD)05-16121				32	31	36
SD(LD)05-16118				37	37	46
SD(LD)05-16137				33	32	40
U03-230155				34	34	38
U03-801174				33	31	35
U03-801278				33	31	33
U03-825124				37	33	36

UNIFORM TEST II Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Mean 10 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	16.7	15.4	14.0	15.6	17.9	19.5
AG2002	13.8	13.6	11.4	13.6	16.6	17.1
AG2603	14.9	13.8	13.4	15.2	15.5	18.4
NEX2905A0R (L)	13.5	11.1	11.9	13.7	14.7	16.7
LD05-16100	14.4	12.6	13.1	14.0	15.3	17.4
LD05-16108	14.4	12.4	12.3	14.1	16.1	16.7
SD03-2006R	14.8	14.7	14.0	13.5	15.1	16.4
SD03-2222R	14.7	13.0	13.8	13.9	15.5	17.5
SD03-2505R	17.4	15.4	15.9	17.4	18.3	20.4
SD04R-2401	17.0	14.7	15.1	16.2	18.7	20.5
SD04R-2422	14.2	12.1	11.9	13.8	14.8	18.9
SD04R-2621	16.9	14.8	15.4	16.8	18.9	19.1
SD04R-2652	17.1	16.3	13.9	17.2	16.8	18.1
SD04R-2682	17.7	16.7	15.9	16.4	19.7	21.8
SD04R-3888	13.9	13.0	13.1	13.8	14.9	16.5
SD04R-4394	16.3	15.7	16.2	15.5	17.0	19.0
SDX00R-035-56	14.6	14.4	12.7	14.2	16.5	17.4
SDX01R-007039	16.0	12.6	14.0	14.7	16.9	19.3
SDX04R-68-1-8	17.7	17.5	17.6	16.5	17.9	19.7
SDX04R-68-1-9	16.9	16.7	15.6	16.2	16.9	18.7
SD(LD)05-16121	14.2	13.5	13.1	12.4	14.2	16.4
SD(LD)05-16118	14.4	12.5	13.8	12.8	15.5	17.3
SD(LD)05-16137	14.6	12.7	13.1	13.8	15.1	17.9
U03-230155	13.8	13.6	13.9	13.9	14.6	17.0
U03-801174	17.4	16.5	16.0	16.4	18.4	20.8
U03-801278	15.6	14.4	14.2	12.9	17.5	18.2
U03-825124	15.9	16.1	16.6	15.1	16.9	18.7

UNIFORM TEST II Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Beemer NE	Cotesfield NE	Mead NE	Chatham ONT	Aurora SD	Beresford SD
AG2403 (II)	17.0	17.4	17.0		16.3	17.2
AG2002	12.9	13.1	13.0		12.9	14.0
AG2603	13.9	15.3	15.6		12.8	15.4
NEX2905A0R (L)	13.0	13.6	12.9		15.8	11.9
LD05-16100	13.5	14.3	15.5		13.2	15.0
LD05-16108	14.5	14.2	15.4		13.1	15.1
SD03-2006R	14.0	14.1	15.6		14.7	16.0
SD03-2222R	13.4	16.4	15.6		12.8	15.4
SD03-2505R	18.0	17.8	17.6		14.7	18.3
SD04R-2401	17.1	18.0	18.3		14.9	17.0
SD04R-2422	13.7	14.3	15.0		12.0	15.3
SD04R-2621	17.1	16.5	16.8		14.3	19.0
SD04R-2652	17.8	17.6	18.1		16.7	18.7
SD04R-2682	18.1	18.2	17.5		14.9	18.2
SD04R-3888	12.5	12.9	13.0		13.2	16.0
SD04R-4394	15.0	15.7	15.3		16.1	18.0
SDX00R-035-56	13.3	13.5	16.1		13.0	15.3
SDX01R-007039	15.4	16.9	16.3		18.4	15.4
SDX04R-68-1-8	16.8	18.9	17.6		17.5	17.5
SDX04R-68-1-9	15.5	16.9	17.5		17.5	17.2
SD(LD)05-16121	13.7	15.0	15.2		13.4	15.2
SD(LD)05-16118	14.1	14.6	15.2		12.0	15.8
SD(LD)05-16137	14.1	14.9	15.2		13.5	15.6
U03-230155	14.0	14.7	13.4		10.3	12.6
U03-801174	16.5	18.3	17.4		16.2	17.9
U03-801278	16.1	16.9	16.6		13.3	16.2
U03-825124	14.4	16.0	15.8		13.2	16.0

UNIFORM TEST II Roundup-Ready, 2007

SEED QUALITY (score)

Strain	Mean 9 Tests	Urbana II	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403 (II)	2.4	2.0	3.0	1.5		
AG2002	2.2	1.0	2.0	1.5		
AG2603	2.5	2.0	3.0	1.5		
NEX2905A0R (L)	2.1	2.0	2.0	1.0		
LD05-16100	2.0	1.0	1.5	1.0		
LD05-16108	1.9	2.0	1.5	1.0		
SD03-2006R	2.2	2.0	2.5	1.5		
SD03-2222R	2.3	2.0	2.5	1.5		
SD03-2505R	2.3	2.0	3.0	1.0		
SD04R-2401	2.4	2.0	2.0	1.0		
SD04R-2422	2.0	2.0	1.5	1.0		
SD04R-2621	2.3	2.0	2.0	1.5		
SD04R-2652	2.1	2.0	2.0	1.5		
SD04R-2682	2.2	2.0	2.0	1.0		
SD04R-3888	2.3	2.0	1.5	1.0		
SD04R-4394	2.7	3.0	3.5	1.5		
SDX00R-035-56	2.3	1.0	1.5	1.5		
SDX01R-007039	2.4	2.0	2.0	1.0		
SDX04R-68-1-8	2.4	2.0	2.0	1.5		
SDX04R-68-1-9	2.6	2.0	2.5	1.5		
SD(LD)05-16121	1.9	2.0	2.0	1.5		
SD(LD)05-16118	1.9	2.0	1.5	1.0		
SD(LD)05-16137	2.0	2.0	1.5	1.0		
U03-230155	2.2	2.0	1.0	1.0		
U03-801174	2.3	2.0	3.0	1.0		
U03-801278	2.0	2.0	1.5	1.0		
U03-825124	2.3	1.0	1.5	1.0		

UNIFORM TEST II Roundup-Ready, 2007

SEED QUALITY (score)

Strain	Beemer NE	Cotesfield NE	Mead NE	Chatham ONT	Aurora SD	Beresford SD
AG2403 (II)	2.0	2.0	2.0	3.5	3.0	3.0
AG2002	2.0	2.0	2.0	2.9	3.0	3.0
AG2603	2.0	2.0	3.0	2.9	3.0	3.0
NEX2905A0R (L)	2.0	3.0	1.0	2.2	3.0	3.0
LD05-16100	2.0	2.0	2.0	2.5	3.0	3.0
LD05-16108	2.0	2.0	2.0	1.8	3.0	2.0
SD03-2006R	3.0	2.0	2.0	2.5	2.0	2.0
SD03-2222R	2.0	2.0	3.0	2.8	3.0	2.0
SD03-2505R	3.0	3.0	1.0	2.9	3.0	2.0
SD04R-2401	3.0	3.0	3.0	3.6	2.0	2.0
SD04R-2422	2.0	2.0	3.0	1.6	2.0	3.0
SD04R-2621	2.0	3.0	2.0	3.0	2.0	3.0
SD04R-2652	2.0	2.0	2.0	2.2	2.0	3.0
SD04R-2682	3.0	2.0	2.0	3.8	2.0	2.0
SD04R-3888	3.0	2.0	3.0	3.5	2.0	3.0
SD04R-4394	3.0	3.0	2.0	2.7	2.0	4.0
SDX00R-035-56	2.0	2.0	3.0	3.4	3.0	3.0
SDX01R-007039	2.0	3.0	3.0	3.4	2.0	3.0
SDX04R-68-1-8	3.0	2.0	3.0	2.5	2.0	4.0
SDX04R-68-1-9	2.0	2.0	3.0	3.5	3.0	4.0
SD(LD)05-16121	2.0	2.0	2.0	2.0	2.0	2.0
SD(LD)05-16118	2.0	3.0	1.0	2.4	2.0	2.0
SD(LD)05-16137	2.0	2.0	3.0	2.4	2.0	2.0
U03-230155	2.0	2.0	2.0	2.6	4.0	3.0
U03-801174	3.0	2.0	2.0	2.8	3.0	2.0
U03-801278	3.0	2.0	1.0	3.4	2.0	2.0
U03-825124	2.0	3.0	2.0	4.2	3.0	3.0

UNIFORM TEST II Roundup-Ready, 2007

PROTEIN (%)

Strain	Mean 7 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Cotesfield NE	Aurora SD	Beresford SD
AG2403 (II)	34.2	34.8	33.1	35.3	35.3	34.7	33.9	32.3
AG2002	34.5	35.8	33.9	35.5	36.0	34.3	33.1	32.9
AG2603	34.5	35.9	33.8	35.8	35.4	35.5	32.5	32.4
NEX2905A0R (L)	33.0	33.5	31.8	34.6	34.7	33.2	32.7	30.6
LD05-16100	32.8	33.7	32.3	33.6	33.9	32.6	31.7	31.7
LD05-16108	33.5	34.6	34.1	34.7	33.2	33.6	31.9	32.7
SD03-2006R	33.9	35.6	33.9	36.2	34.4	34.0	31.9	31.6
SD03-2222R	33.2	34.5	33.5	32.9	34.5	33.8	31.3	31.5
SD03-2505R	35.2	35.1	35.0	36.0	37.2	34.3	34.6	33.8
SD04R-2401	33.8	35.0	34.1	34.7	33.9	34.6	32.7	31.7
SD04R-2422	34.7	35.7	34.2	35.2	35.9	36.1	32.1	33.4
SD04R-2621	35.1	37.4	35.3	35.1	35.8	34.6	33.3	34.3
SD04R-2652	34.2	35.8	35.3	33.4	34.1	34.7	33.6	32.3
SD04R-2682	34.7	36.2	34.7	35.8	35.9	34.9	33.6	32.1
SD04R-3888	35.8	36.8	35.8	37.1	35.2	35.8	34.2	35.4
SD04R-4394	33.4	33.8	33.1	34.2	33.2	34.2	32.8	32.5
SDX00R-035-56	34.3	33.1	33.2	33.1	42.6	32.9	31.8	33.7
SDX01R-007039	35.2	36.4	35.6	36.0	35.7	35.8	32.5	34.4
SDX04R-68-1-8	33.9	35.5	33.7	35.1	35.2	35.1	31.8	31.1
SDX04R-68-1-9	33.9	34.9	33.6	34.8	35.0	35.1	30.5	33.2
SD(LD)05-16121	32.8	34.1	31.7	34.4	32.8	33.9	31.1	31.5
SD(LD)05-16118	33.2	34.3	33.3	34.4	33.9	33.5	31.0	31.8
SD(LD)05-16137	33.3	34.5	33.4	34.3	33.2	33.4	32.1	32.0
U03-230155	33.2	34.6	32.9	34.3	34.8	33.4	30.8	31.6
U03-801174	34.4	36.4	33.8	34.4	36.5	34.4	33.0	32.3
U03-801278	33.7	34.4	32.7	33.2	35.4	33.9	32.6	33.7
U03-825124	33.4	33.6	32.6	33.4	36.0	34.2	32.1	31.8

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

UNIFORM TEST II Roundup-Ready, 2007

OIL (%)

Strain	Mean 7 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Cotesfield NE	Aurora SD	Beresford SD
AG2403 (II)	19.0	17.6	21.2	19.4	18.5	18.3	18.1	19.7
AG2002	18.4	17.7	19.4	18.6	17.7	18.0	18.0	19.2
AG2603	17.9	17.1	19.6	17.4	17.7	16.9	17.6	18.9
NEX2905A0R (L)	18.1	17.4	19.6	18.4	17.5	17.7	16.9	19.2
LD05-16100	19.7	19.2	21.2	19.6	19.3	18.9	18.7	20.9
LD05-16108	18.9	17.7	20.2	18.6	19.3	18.3	18.3	19.9
SD03-2006R	19.8	18.8	20.5	18.7	19.9	19.5	19.7	21.3
SD03-2222R	19.4	18.5	20.5	19.9	18.8	18.9	18.9	20.0
SD03-2505R	18.6	18.7	19.8	18.3	17.1	18.3	17.7	20.0
SD04R-2401	18.6	17.9	20.6	18.2	18.9	17.3	17.6	20.0
SD04R-2422	17.7	16.7	19.1	17.8	16.6	17.5	17.5	18.7
SD04R-2621	18.3	17.7	18.7	18.6	17.3	18.2	18.4	19.3
SD04R-2652	19.1	18.3	19.2	19.3	19.7	17.9	18.7	20.3
SD04R-2682	18.7	18.0	20.1	18.6	18.0	18.1	18.4	19.7
SD04R-3888	18.0	18.0	19.1	18.0	17.2	17.1	17.7	18.6
SD04R-4394	19.4	19.1	20.5	19.7	20.0	18.6	18.7	19.4
SDX00R-035-56	18.9	18.6	19.2	18.6	20.7	18.0	18.1	19.0
SDX01R-007039	17.9	17.2	19.2	18.2	17.2	17.2	17.7	18.5
SDX04R-68-1-8	19.8	18.5	21.0	20.5	19.5	18.0	19.4	21.5
SDX04R-68-1-9	19.0	18.3	20.0	19.2	18.8	17.9	19.4	19.5
SD(LD)05-16121	19.4	18.9	21.4	19.1	19.2	18.1	18.8	20.2
SD(LD)05-16118	19.0	19.2	20.4	19.2	18.0	18.0	18.3	20.1
SD(LD)05-16137	19.6	19.2	20.5	19.7	20.1	18.1	19.0	20.6
U03-230155	18.4	18.3	20.1	19.5	17.7	18.1	16.6	18.8
U03-801174	18.8	18.5	20.1	20.0	17.8	17.4	18.1	20.0
U03-801278	18.6	18.1	20.1	19.7	17.2	17.5	17.5	20.0
U03-825124	18.6	18.3	20.0	19.3	17.6	18.2	17.4	19.5

Uniform Test III Roundup-Ready, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG3505	na	new		RR, SCN
2.	NEX2905A0R (E)	na	new		Det.
3.	NEX3305B0R (III)	na	2		
4.	DKB3852	na	3		RR, SCN
5.	CL02-122311		1	F5	RR, Rps1-k
6.	CL03-5252		new	F5	RR
7.	CL03-51122		new	F5	RR
8.	CL03-51271		new	F5	RR
9.	CL03-51277		new	F5	RR
10.	CL03-52115		new	F5	RR
11.	CL03-52116		new	F5	RR seg Rps3-a?
12.	K04-2203RR	U98-311442 x K97-132	1	F5	
13.	K05-2077 RR	K00-69 x KW2-2	new	F5	
14.	K05-2172 RR	K00-75 x K97-132	new	F5	
15.	K05-2278 RR	K00-85 x K97-132	new	F5	
16.	K05-2279 RR	K00-85 x K97-132	new	F5	
17.	K05-2643 RR	U98-311442 x K97-132	new	F5	
18.	K05-2664 RR	U98-311442 x K1539RR	new	F5	
19.	K05-2722 RR	U98-307917 x K1539RR	new	F5	
20.	K05-2723 RR	U98-307917 x K1539RR	new	F5	
21.	K05-2730 RR	U98-307917 x K1539RR	new	F5	
22.	SS01-14319	na	1	F5	RR, SCN, Phy R
23.	NEX3205A0R	na	2		
24.	NEX3605A0R	na	2		
25.	U03-824119	na	1	F5	

UNIFORM TEST III Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis		Green Stem	Shattering	PR		FE	SDS
		Score		Score	Score	Lafayette	Laf.	DX	
		Granite Falls MN	Wilkin County MN	Lafayette IN	Manhattan KS	Race 4	Race 7	a rx.	Carbondale IL
AG3505	PGTDYIbI	4.8	4.0	4.0	1.0	R	R	S	23
NEX2905A0R (E)	PGBDYIbI	5.0	3.8	1.0	1.0	S	S	S	4
NEX3305B0R (III)	PGBDYIbI	5.0	4.0	2.0	1.0	S	R*	S	28
DKB3852	WGTDYLbfl	4.8	3.5	3.0	1.0	R*	R	S	13
CL02-122311	WT+LtBDYBII	4.8	4.0	1.0	1.0	R	R	S	21
CL03-5252	WLtBDYBII	4.8	3.3	1.0	1.0	S	S	S	15
CL03-51122	WLtBDYBII	5.0	3.8	1.0	1.0	S	S	S	25
CL03-51271	WLtBDYBII	5.0	3.8	1.0	1.0	S	S	S	11
CL03-51277	WTBDYBII	4.8	3.8	1.0	1.0	S	S	S	11
CL03-52115	PLtTDYBII	4.3	3.3	2.0	1.0	R*	S	S	14
CL03-52116	PLtTDYBII	5.0	3.8	1.0	1.0	R	S	S	16
K04-2203RR	PGTDYIbI	4.5	3.8	3.0	1.0	S	S	S	48
K05-2077 RR	WGBDYBfl	4.5	3.5	1.0	2.0	S	S	S	23
K05-2172 RR	WTTDYBII	4.8	3.8	1.0	1.0	S	S	-	25
K05-2278 RR	WTTDYBII	4.8	3.8	1.0	1.0	S	S	S	10
K05-2279 RR	WTTDYDbrI	5.0	3.0	1.0	1.0	S	S	S	5
K05-2643 RR	PGTDYBfl	5.0	3.5	1.0	1.0	S	S	S	31
K05-2664 RR	WGTDYDbfl	5.0	4.0	1.0	1.0	S	S	S	31
K05-2722 RR	WTBDYDbrI	5.0	4.3	1.0	3.0	S	S	S	16
K05-2723 RR	WTBDYDbrI	5.0	4.0	1.0	1.0	S	S	-	23
K05-2730 RR	WLtBDYBrI	4.8	3.3	1.0	2.0	S	S	-	35
SS01-14319	PGBDYIbI	4.8	3.5	3.0	1.0	S	R*	-	50
NEX3205A0R	WTBDYBII	4.5	3.5	1.0	1.0	S	R*	S	24
NEX3605A0R	WG+TSYBI+Bfl	4.5	4.3	1.0	2.0	S	S	S	19
U03-824119	PTTDYBII	4.5	3.3	1.0	1.0	R*	R*	S	16

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

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

UNIFORM TEST III Roundup-Ready, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	11 bu/a	11 No.	10 Date	9 Score	9 In.	12 g/100	12 Score	6 Protein %	6 Oil %
AG3505	56.3	2	9/16	1.2	32	13.7	2.1	34.7	18.5
NEX2905A0R (E)	52.6	9	-1.8	1.1	28	12.7	2.4	33.1	19.0
NEX3305B0R (III)	54.0	5	-1.1	1.0	31	14.2	2.1	32.6	18.4
DKB3852	52.4	10	6.9	1.1	33	13.3	2.2	34.0	18.7
CL02-122311	53.3	8	4.6	1.5	30	14.3	2.0	36.1	17.5
CL03-5252	48.4	20	1.0	1.1	34	13.5	2.4	34.4	17.7
CL03-51122	50.7	13	5.5	1.4	36	14.9	2.1	36.1	17.4
CL03-51271	48.2	21	3.3	1.2	35	15.2	2.3	35.9	17.8
CL03-51277	49.5	16	4.2	1.4	35	14.3	2.4	36.4	17.7
CL03-52115	46.9	24	2.4	1.2	35	12.6	2.3	34.2	17.8
CL03-52116	44.3	25	-3.4	1.1	32	12.7	2.4	34.9	17.8
K04-2203RR	51.8	11	5.4	1.2	31	15.0	2.3	35.4	18.7
K05-2077 RR	47.2	23	4.8	1.1	34	12.4	2.2	33.2	18.9
K05-2172 RR	50.8	12	7.3	1.0	33	13.7	2.0	34.8	18.6
K05-2278 RR	49.0	18	10.5	1.3	35	12.0	2.1	35.7	17.5
K05-2279 RR	54.0	5	10.7	1.2	33	14.8	2.4	34.4	18.5
K05-2643 RR	54.4	4	13.2	1.7	37	13.4	2.2	34.6	18.6
K05-2664 RR	55.6	3	11.3	1.1	33	14.5	2.4	34.9	18.8
K05-2722 RR	50.3	14	10.5	1.5	37	15.0	2.3	35.0	17.8
K05-2723 RR	47.3	22	12.3	1.7	38	13.9	2.1	34.6	17.9
K05-2730 RR	56.5	1	7.4	1.5	33	15.2	2.3	33.6	19.4
SS01-14319	53.8	7	4.9	1.4	37	12.7	1.9	35.3	17.0
NEX3205A0R	49.9	15	-0.3	1.9	35	13.4	2.3	35.4	17.9
NEX3605A0R	49.1	17	2.4	1.1	33	13.4	2.4	35.3	17.6
U03-824119	48.8	19	3.4	1.1	33	14.7	2.7	33.2	19.7

120.9 Days After Planting

UNIFORM TEST III Roundup-Ready, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield 23 bu/a	Rank 23 No.	Maturity 20 Date	Lodging 19 Score	Plant Height 19 In.	Seed Size 23 g/100	Seed Quality 23 Score	<u>Composition</u>	
								Protein 12 %	Oil 12 %
NEX3305B0R (III)	53.5	1	9/18	1.2	31	13.9	2.7	33.8	17.3
DKB3852	50.6	8	6.6	1.2	33	12.8	2.7	34.3	17.8
CL02-122311	52.5	2	5.1	1.7	31	14.1	2.7	36.5	16.9
K04-2203RR	52.5	2	5.8	1.4	33	14.8	3.1	36.4	17.2
SS01-14319	52.3	4	5.3	1.6	37	12.7	2.7	36.3	16.1
NEX3205A0R	51.7	5	0.8	1.9	35	13.3	2.8	35.8	17.3
NEX3605A0R	51.4	7	3.6	1.2	33	13.4	2.8	36.2	16.9
U03-824119	51.6	6	3.9	1.2	34	14.7	3.3	34.4	18.1

124.3 Days After Planting

2005-2007 3-YEAR MEAN

No. of Tests Strain	Yield 37 bu/a	Rank 37 No.	Maturity 33 Date	Lodging 32 Score	Plant Height 32 In.	Seed Size 37 g/100	Seed Quality 34 Score	<u>Composition</u>	
								Protein 18 %	Oil 18 %
NEX3305B0R (III)	54.3	1	9/19	1.2	31	14.1	2.4	33.6	17.5
DKB3852	52.2	4	6.2	1.2	33	12.9	2.4	34.2	18.0
NEX3205A0R	53.0	2	0.8	1.8	35	13.6	2.4	35.8	17.5
NEX3605A0R	52.6	3	3.6	1.2	34	13.6	2.5	35.9	17.1

127.1 Days After Planting

UNIFORM TEST III Roundup-Ready, 2007

YIELD (bu/a)

Strain	Mean 11 Tests	Urbana IL	Lafayette IN	Wanatah* IN	Ashland KS	Manhattan KS	Ottawa KS
AG3505	56.3	64.2	53.4	62.8	59.1	37.5	21.3
NEX2905A0R (E)	52.6	52.1	49.8	53.5	60.3	43.5	18.1
NEX3305B0R (III)	54.0	56.3	52.2	46.0	59.4	35.7	23.2
DKB3852	52.4	54.9	53.7	53.8	54.4	38.5	21.6
CL02-122311	53.3	47.3	51.6	56.1	59.0	38.2	22.5
CL03-5252	48.4	49.2	46.7	57.5	56.0	38.2	15.0
CL03-51122	50.7	51.7	49.3	62.8	59.1	33.9	15.5
CL03-51271	48.2	50.7	50.3	63.9	53.4	33.7	14.7
CL03-51277	49.5	47.7	56.7	64.5	52.8	36.0	15.9
CL03-52115	46.9	45.3	48.6	61.3	55.8	37.5	15.5
CL03-52116	44.3	46.4	47.1	61.1	53.6	31.0	15.2
K04-2203RR	51.8	48.0	50.6	47.8	55.1	42.7	21.2
K05-2077 RR	47.2	45.0	43.4	55.8	52.4	35.7	17.8
K05-2172 RR	50.8	49.5	49.8	56.9	49.2	43.1	23.5
K05-2278 RR	49.0	46.7	48.8	48.7	53.4	42.6	20.6
K05-2279 RR	54.0	50.3	52.2	48.1	57.3	45.8	23.4
K05-2643 RR	54.4	54.0	51.9	53.7	55.7	45.7	20.7
K05-2664 RR	55.6	62.6	52.6	63.1	55.0	44.2	22.6
K05-2722 RR	50.3	49.9	50.2	60.2	55.1	38.8	23.3
K05-2723 RR	47.3	40.7	43.0	51.1	54.1	42.8	19.2
K05-2730 RR	56.5	56.4	56.5	50.5	55.4	42.3	20.9
SS01-14319	53.8	52.2	51.4	50.1	61.3	39.1	21.5
NEX3205A0R	49.9	52.1	50.3	52.2	52.0	35.0	19.3
NEX3605A0R	49.1	51.7	50.2	49.9	57.9	32.7	19.2
U03-824119	48.8	55.8	47.1	60.2	53.7	40.2	19.1
C.V. (%)		7.0	9.6	15.6	5.1	6.0	9.1
L.S.D. (5%)		6.2	7.9	14.2	4.7	3.9	2.9
Row Sp. (in.)		30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		3	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST III Roundup-Ready, 2007

YIELD (bu/a)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE
AG3505	42.4	76.4	38.5	80.1	70.5	75.6
NEX2905A0R (E)	33.2	59.7	35.3	84.2	66.9	75.8
NEX3305B0R (III)	46.9	69.2	31.4	83.5	67.2	68.9
DKB3852	42.5	81.7	38.3	75.3	49.6	66.1
CL02-122311	42.9	71.2	34.6	79.2	62.7	76.9
CL03-5252	34.7	43.5	38.4	74.5	63.2	73.1
CL03-51122	39.2	62.5	32.6	75.5	63.3	75.3
CL03-51271	34.1	67.3	34.2	60.8	62.3	68.6
CL03-51277	36.5	66.4	33.8	69.6	55.0	73.8
CL03-52115	32.8	52.7	35.4	72.1	58.3	62.0
CL03-52116	32.9	55.2	25.4	59.3	55.8	65.7
K04-2203RR	36.5	74.7	35.0	71.7	61.5	72.4
K05-2077 RR	30.5	68.4	32.1	59.3	62.6	72.4
K05-2172 RR	38.9	74.3	38.8	68.5	54.6	68.1
K05-2278 RR	33.4	72.9	37.0	62.0	48.8	72.5
K05-2279 RR	44.2	79.6	42.7	75.2	63.6	59.7
K05-2643 RR	42.8	77.8	44.9	69.9	55.1	79.9
K05-2664 RR	48.0	73.1	41.4	77.4	60.5	74.1
K05-2722 RR	38.4	66.5	45.7	63.0	51.2	71.1
K05-2723 RR	28.6	73.4	39.4	55.9	55.3	67.9
K05-2730 RR	44.6	81.6	48.3	74.3	60.8	80.2
SS01-14319	37.1	76.4	42.4	76.3	59.9	74.2
NEX3205A0R	44.3	67.7	40.4	70.7	59.5	57.8
NEX3605A0R	32.6	73.6	31.6	67.0	53.0	70.3
U03-824119	32.8	70.2	27.9	61.9	58.1	69.8
C.V. (%)	9.9	6.6	11.3	11.7	9.4	9.0
L.S.D. (5%)	5.4	7.5	6.9	20.5	13.7	16.5
Row Sp. (in.)	30	30	30	30	30	30
Rows/Plot	4	2	2	4	4	4
Reps	3	3	3	2	2	2

UNIFORM TEST III Roundup-Ready, 2007

YIELD RANK

Strain	Yield Rank	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
AG3505	2	1	4	4	4	16	9
NEX2905A0R (E)	9	9	16	16	2	4	18
NEX3305B0R (III)	5	4	6	25	3	19	4
DKB3852	10	6	3	14	16	13	7
CL02-122311	8	20	9	12	6	14	6
CL03-5252	20	17	23	10	9	14	24
CL03-51122	13	11	18	4	4	22	21
CL03-51271	21	13	12	2	20	23	25
CL03-51277	16	19	1	1	22	18	20
CL03-52115	24	23	20	6	10	16	21
CL03-52116	25	22	21	7	19	25	23
K04-2203RR	11	18	11	24	13	7	10
K05-2077 RR	23	24	24	13	23	19	19
K05-2172 RR	12	16	16	11	25	5	1
K05-2278 RR	18	21	19	22	20	8	13
K05-2279 RR	5	14	6	23	8	1	2
K05-2643 RR	4	7	8	15	11	2	12
K05-2664 RR	3	2	5	3	15	3	5
K05-2722 RR	14	15	14	8	13	12	3
K05-2723 RR	22	25	25	18	17	6	15
K05-2730 RR	1	3	2	19	12	9	11
SS01-14319	7	8	10	20	1	11	8
NEX3205A0R	15	9	12	17	24	21	14
NEX3605A0R	17	11	14	21	7	24	15
U03-824119	19	5	21	8	18	10	17

UNIFORM TEST III Roundup-Ready, 2007

YIELD RANK

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE
AG3505	9	5	10	3	1	5
NEX2905A0R (E)	19	22	15	1	3	4
NEX3305B0R (III)	2	15	23	2	2	17
DKB3852	8	1	12	8	24	21
CL02-122311	6	13	17	4	7	3
CL03-5252	16	25	11	10	6	10
CL03-51122	10	21	20	7	5	6
CL03-51271	17	18	18	22	9	18
CL03-51277	14	20	19	16	20	9
CL03-52115	21	24	14	12	15	23
CL03-52116	20	23	25	23	17	22
K04-2203RR	14	7	16	13	10	13
K05-2077 RR	24	16	21	23	8	13
K05-2172 RR	11	8	9	17	21	19
K05-2278 RR	18	12	13	20	25	11
K05-2279 RR	5	3	4	9	4	24
K05-2643 RR	7	4	3	15	19	2
K05-2664 RR	1	11	6	5	12	8
K05-2722 RR	12	19	2	19	23	14
K05-2723 RR	25	10	8	25	18	20
K05-2730 RR	3	2	1	11	11	1
SS01-14319	13	5	5	6	13	7
NEX3205A0R	4	17	7	14	14	25
NEX3605A0R	23	9	22	18	22	15
U03-824119	21	14	24	21	16	16

UNIFORM TEST III Roundup-Ready, 2007

MATURITY (date)

Strain	Mean 10 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
AG3505	9/16	9/13	9/20	9/22	9/24	10/6	
NEX2905A0R (E)	-1.8	-8	-6	-6	0	4	
NEX3305B0R (III)	-1.1	-4	-4	-7	9	0	
DKB3852	6.9	4	6	6	-0	11	
CL02-122311	4.6	1	6	4	1	4	
CL03-5252	1.0	-3	0	0	1	4	
CL03-51122	5.5	0	4	5	4	8	
CL03-51271	3.3	1	2	3	4	4	
CL03-51277	4.2	0	2	2	5	5	
CL03-52115	2.4	0	0	4	1	2	
CL03-52116	-3.4	-7	-5	-4	-4	-1	
K04-2203RR	5.4	2	7	1	4	8	
K05-2077 RR	4.8	-3	2	3	3	11	
K05-2172 RR	7.3	6	4	4	3	9	
K05-2278 RR	10.5	7	8	7	7	13	
K05-2279 RR	10.7	6	5	4	6	13	
K05-2643 RR	13.2	11	10	9	6	14	
K05-2664 RR	11.3	8	10	9	7	15	
K05-2722 RR	10.5	12	8	8	5	8	
K05-2723 RR	12.3	8	8	9	5	11	
K05-2730 RR	7.4	6	8	2	4	8	
SS01-14319	4.9	1	4	2	1	7	
NEX3205A0R	-0.3	-1	-2	-4	0	3	
NEX3605A0R	2.4	1	1	-2	-3	8	
U03-824119	3.4	1	0	-2	1	6	
Date Planted	5/18	5/3	5/7	5/10	5/21	6/22	5/25
Days to Mature	121	133	136	135	126	106	

UNIFORM TEST III Roundup-Ready, 2007

MATURITY (date)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE
AG3505	9/4	8/25	8/25	9/13	9/30	9/26
NEX2905A0R (E)	0	6	-6		0	-3
NEX3305B0R (III)	-3	-3	0		1	0
DKB3852	9	13	6		6	9
CL02-122311	5	11	0		6	8
CL03-5252	0	2	0		4	2
CL03-51122	6	13	4		5	6
CL03-51271	3	9	-1		4	4
CL03-51277	4	11	4		3	6
CL03-52115	3	6	0		7	1
CL03-52116	-2	-2	-7		-2	-1
K04-2203RR	2	17	1		4	8
K05-2077 RR	4	11	5		5	8
K05-2172 RR	9	12	12		6	8
K05-2278 RR	10	24	11		6	12
K05-2279 RR	6	22	21		13	11
K05-2643 RR	10	26	22		12	12
K05-2664 RR	11	23	10		9	11
K05-2722 RR	10	21	12		9	11
K05-2723 RR	10	29	23		12	8
K05-2730 RR	7	20	12		5	2
SS01-14319	8	10	6		6	4
NEX3205A0R	2	3	-5		1	0
NEX3605A0R	3	9	0		5	2
U03-824119	4	10	6		4	4
Date Planted	5/17	4/27	5/7	5/18	5/30	5/29
Days to Mature	110	120	110	118	123	120

UNIFORM TEST III Roundup-Ready, 2007

LODGING (score)

Strain	Mean 9 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
AG3505	1.2	1.3	1.0	1.0	1.3	1.0	1.0
NEX2905A0R (E)	1.1	1.3	1.0	1.2	1.0	1.0	1.0
NEX3305B0R (III)	1.0	1.0	1.0	1.2	1.0	1.0	1.0
DKB3852	1.1	1.0	1.0	1.0	1.0	1.0	1.0
CL02-122311	1.5	1.3	1.0	1.3	1.3	1.0	1.0
CL03-5252	1.1	1.0	1.0	1.2	1.0	1.0	1.0
CL03-51122	1.4	1.0	1.0	1.5	1.7	1.0	1.0
CL03-51271	1.2	1.5	1.0	1.3	1.0	1.0	1.0
CL03-51277	1.4	1.8	1.0	1.8	2.0	1.0	1.0
CL03-52115	1.2	1.3	1.0	1.3	1.0	1.0	1.0
CL03-52116	1.1	1.3	1.0	1.3	1.0	1.0	1.0
K04-2203RR	1.2	1.3	1.0	1.3	1.3	1.0	1.0
K05-2077 RR	1.1	1.3	1.0	1.0	1.3	1.0	1.0
K05-2172 RR	1.0	1.0	1.0	1.2	1.0	1.0	1.0
K05-2278 RR	1.3	1.3	1.0	1.0	1.3	1.0	1.0
K05-2279 RR	1.2	1.0	1.0	1.0	1.0	1.0	1.0
K05-2643 RR	1.7	1.8	1.0	1.7	2.7	1.3	1.0
K05-2664 RR	1.1	1.3	1.0	1.0	1.0	1.0	1.0
K05-2722 RR	1.5	2.3	1.0	1.3	2.0	1.0	1.0
K05-2723 RR	1.7	2.0	1.0	1.5	2.7	1.0	1.0
K05-2730 RR	1.5	2.0	1.0	1.7	2.0	1.0	1.0
SS01-14319	1.4	1.3	1.0	1.5	1.7	1.0	1.0
NEX3205A0R	1.9	1.8	1.0	2.0	2.7	1.0	1.0
NEX3605A0R	1.1	1.0	1.0	1.0	1.0	1.0	1.0
U03-824119	1.1	1.0	1.0	1.2	1.0	1.0	1.0

UNIFORM TEST III Roundup-Ready, 2007

LODGING (score)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE
AG3505	1.0	2.0	1.0			
NEX2905A0R (E)	1.0	1.0	1.0			
NEX3305B0R (III)	1.0	1.0	1.0			
DKB3852	1.0	2.0	1.0			
CL02-122311	1.0	3.0	3.0			
CL03-5252	1.0	1.0	2.0			
CL03-51122	1.0	2.0	2.0			
CL03-51271	1.0	1.0	2.0			
CL03-51277	1.0	2.0	1.0			
CL03-52115	1.0	1.0	2.0			
CL03-52116	1.0	1.0	1.0			
K04-2203RR	1.0	2.0	1.0			
K05-2077 RR	1.0	1.0	1.0			
K05-2172 RR	1.0	1.0	1.0			
K05-2278 RR	1.0	2.0	2.0			
K05-2279 RR	1.0	2.0	2.0			
K05-2643 RR	1.0	2.0	3.0			
K05-2664 RR	1.0	2.0	1.0			
K05-2722 RR	1.0	2.0	2.0			
K05-2723 RR	1.0	3.0	2.0			
K05-2730 RR	1.0	2.0	2.0			
SS01-14319	1.0	2.0	2.0			
NEX3205A0R	1.0	4.0	3.0			
NEX3605A0R	1.0	2.0	1.0			
U03-824119	1.0	2.0	1.0			

UNIFORM TEST III Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
AG3505	32	41	35	34	36	27	29
NEX2905A0R (E)	28	32	33	31	30	29	27
NEX3305B0R (III)	31	38	31	31	38	27	29
DKB3852	33	43	35	36	40	32	28
CL02-122311	30	39	34	32	35	26	27
CL03-5252	34	46	37	37	44	30	28
CL03-51122	36	46	42	42	45	30	32
CL03-51271	35	46	38	37	45	27	31
CL03-51277	35	44	39	38	42	33	30
CL03-52115	35	44	37	40	41	30	30
CL03-52116	32	44	36	37	40	28	29
K04-2203RR	31	40	34	35	35	29	28
K05-2077 RR	34	45	40	37	42	34	31
K05-2172 RR	33	39	35	35	39	31	29
K05-2278 RR	35	43	36	37	37	32	30
K05-2279 RR	33	43	35	34	37	29	28
K05-2643 RR	37	40	38	41	45	35	32
K05-2664 RR	33	39	35	37	41	30	27
K05-2722 RR	37	50	40	42	40	31	33
K05-2723 RR	38	47	41	39	42	32	32
K05-2730 RR	33	42	33	34	37	30	29
SS01-14319	37	46	41	39	40	35	34
NEX3205A0R	35	43	38	36	39	33	31
NEX3605A0R	33	42	36	33	38	29	30
U03-824119	33	40	33	35	38	30	30

UNIFORM TEST III Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE
AG3505	30	29	25			
NEX2905A0R (E)	27	23	18			
NEX3305B0R (III)	29	28	28			
DKB3852	30	29	22			
CL02-122311	29	24	28			
CL03-5252	32	23	28			
CL03-51122	35	25	30			
CL03-51271	34	27	26			
CL03-51277	34	27	28			
CL03-52115	33	25	32			
CL03-52116	33	26	20			
K04-2203RR	29	25	28			
K05-2077 RR	33	26	23			
K05-2172 RR	31	30	29			
K05-2278 RR	31	35	32			
K05-2279 RR	30	30	31			
K05-2643 RR	34	31	38			
K05-2664 RR	29	29	33			
K05-2722 RR	33	32	36			
K05-2723 RR	33	34	38			
K05-2730 RR	30	31	33			
SS01-14319	34	27	36			
NEX3205A0R	37	31	30			
NEX3605A0R	32	28	26			
U03-824119	30	33	29			

UNIFORM TEST III Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Mean 12 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
AG3505	13.7	12.9	15.5	15.8	13.1	16.5	11.4
NEX2905A0R (E)	12.7	11.7	13.7	13.3	13.6	13.9	9.3
NEX3305B0R (III)	14.2	13.0	15.8	12.2	14.7	18.5	11.5
DKB3852	13.3	12.4	14.6	13.4	12.9	18.3	10.5
CL02-122311	14.3	13.4	17.0	15.3	15.0	16.8	11.3
CL03-5252	13.5	12.5	16.0	13.5	13.7	16.8	10.1
CL03-51122	14.9	13.4	18.1	15.7	15.0	19.1	11.3
CL03-51271	15.2	14.2	17.4	17.7	15.8	18.0	11.9
CL03-51277	14.3	12.6	16.6	15.3	13.8	18.6	10.9
CL03-52115	12.6	10.9	14.9	14.3	11.4	15.3	10.2
CL03-52116	12.7	12.2	14.5	15.0	13.6	13.6	11.2
K04-2203RR	15.0	13.8	17.7	13.8	15.9	19.2	12.3
K05-2077 RR	12.4	10.5	12.9	12.9	14.2	15.1	9.7
K05-2172 RR	13.7	13.3	15.7	12.6	13.0	17.7	10.6
K05-2278 RR	12.0	11.4	13.5	12.0	12.9	14.4	9.6
K05-2279 RR	14.8	14.0	18.3	13.7	15.6	18.3	11.7
K05-2643 RR	13.4	12.5	16.2	12.9	12.2	16.9	11.7
K05-2664 RR	14.5	13.7	17.5	12.9	14.9	18.9	12.2
K05-2722 RR	15.0	14.5	17.2	16.4	14.5	17.9	12.3
K05-2723 RR	13.9	13.2	16.3	14.7	13.8	17.3	10.2
K05-2730 RR	15.2	15.8	18.0	14.0	14.2	18.4	11.7
SS01-14319	12.7	12.0	14.9	11.4	13.1	15.4	10.6
NEX3205A0R	13.4	13.1	15.8	11.6	12.9	16.9	10.8
NEX3605A0R	13.4	12.0	15.4	12.8	14.3	16.4	10.4
U03-824119	14.7	14.4	16.2	14.0	16.1	18.6	12.1

UNIFORM TEST III Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE
AG3505	11.0	15.0	11.5	13.0	14.1	14.4
NEX2905A0R (E)	11.0	14.9	11.7	12.9	14.4	12.5
NEX3305B0R (III)	13.0	15.0	12.5	14.4	15.3	14.9
DKB3852	12.0	15.3	11.4	12.1	14.0	13.2
CL02-122311	12.0	14.3	11.4	14.8	16.2	14.7
CL03-5252	11.0	14.6	11.4	13.4	14.9	13.6
CL03-51122	13.0	15.7	12.6	14.6	15.7	14.9
CL03-51271	12.0	16.7	12.9	13.2	17.1	16.0
CL03-51277	12.0	16.2	11.7	14.4	15.6	14.2
CL03-52115	10.0	13.2	13.1	12.0	13.6	12.3
CL03-52116	10.0	13.0	11.6	10.9	12.7	13.5
K04-2203RR	11.0	16.6	12.1	15.2	15.6	16.4
K05-2077 RR	10.0	14.6	10.3	11.6	14.2	12.7
K05-2172 RR	13.0	17.3	11.5	12.6	14.2	12.9
K05-2278 RR	11.0	12.8	10.4	11.7	11.9	12.1
K05-2279 RR	13.0	16.2	11.9	14.2	15.9	15.2
K05-2643 RR	12.0	14.6	12.4	12.7	13.0	13.4
K05-2664 RR	13.0	14.6	12.6	14.2	14.8	14.7
K05-2722 RR	13.0	15.2	13.1	13.5	16.4	15.5
K05-2723 RR	12.0	15.9	11.6	13.8	15.1	13.1
K05-2730 RR	14.0	16.0	13.9	14.5	16.4	15.6
SS01-14319	11.0	13.7	11.5	11.7	14.0	13.5
NEX3205A0R	12.0	13.5	11.5	13.6	14.4	14.4
NEX3605A0R	11.0	15.5	11.8	13.2	14.5	13.7
U03-824119	13.0	15.2	12.7	12.7	16.2	15.3

UNIFORM TEST III Roundup-Ready, 2007

SEED QUALITY (score)

Strain	Mean 12 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
AG3505	2.1	2.0	1.5	1.0	2.0	2.0	3.0
NEX2905A0R (E)	2.4	2.0	1.5	1.0	2.0	2.0	3.0
NEX3305B0R (III)	2.1	1.0	1.0	1.0	2.0	3.0	2.0
DKB3852	2.2	2.0	1.5	1.0	2.0	2.0	3.0
CL02-122311	2.0	2.0	1.5	1.0	2.0	2.0	2.0
CL03-5252	2.4	2.0	1.5	1.0	2.0	3.0	3.0
CL03-51122	2.1	1.0	1.5	1.0	2.0	3.0	2.0
CL03-51271	2.3	2.0	2.0	1.0	3.0	3.0	2.0
CL03-51277	2.4	1.0	1.5	1.0	3.0	2.0	3.0
CL03-52115	2.3	1.0	1.5	1.0	2.0	2.0	2.0
CL03-52116	2.4	2.0	1.5	1.0	2.0	2.0	3.0
K04-2203RR	2.3	2.0	1.5	1.0	2.0	3.0	2.0
K05-2077 RR	2.2	2.0	1.0	1.0	3.0	2.0	2.0
K05-2172 RR	2.0	2.0	1.5	1.0	2.0	2.0	2.0
K05-2278 RR	2.1	2.0	1.0	1.0	2.0	2.0	2.0
K05-2279 RR	2.4	2.0	1.0	1.0	3.0	2.0	2.0
K05-2643 RR	2.2	2.0	1.0	1.0	2.0	2.0	2.0
K05-2664 RR	2.4	2.0	1.5	1.0	3.0	3.0	2.0
K05-2722 RR	2.3	2.0	1.5	1.0	2.0	2.0	3.0
K05-2723 RR	2.1	1.0	1.5	1.0	2.0	2.0	2.0
K05-2730 RR	2.3	1.0	1.5	1.0	2.0	2.0	3.0
SS01-14319	1.9	1.0	1.5	1.0	2.0	2.0	2.0
NEX3205A0R	2.3	1.0	1.0	1.0	2.0	2.0	4.0
NEX3605A0R	2.4	2.0	2.0	1.0	3.0	3.0	3.0
U03-824119	2.7	2.0	2.0	1.0	3.0	3.0	3.0

UNIFORM TEST III Roundup-Ready, 2007

SEED QUALITY (score)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	North Bend NE	Stevens Creek NE
AG3505	1.0	3.0	4.0	3.0	1.0	2.0
NEX2905A0R (E)	2.0	4.0	5.0	2.0	2.0	2.0
NEX3305B0R (III)	1.0	3.0	3.0	3.0	3.0	2.0
DKB3852	1.0	3.0	4.0	2.0	3.0	2.0
CL02-122311	2.0	3.0	4.0	1.0	2.0	2.0
CL03-5252	1.0	4.0	3.0	3.0	3.0	2.0
CL03-51122	1.0	3.0	4.0	3.0	2.0	2.0
CL03-51271	2.0	4.0	4.0	2.0	2.0	1.0
CL03-51277	2.0	4.0	4.0	2.0	3.0	2.0
CL03-52115	2.0	4.0	4.0	2.0	3.0	3.0
CL03-52116	2.0	4.0	4.0	2.0	2.0	3.0
K04-2203RR	1.0	4.0	4.0	2.0	3.0	2.0
K05-2077 RR	2.0	3.0	4.0	1.0	3.0	2.0
K05-2172 RR	1.0	3.0	4.0	2.0	2.0	2.0
K05-2278 RR	2.0	3.0	3.0	2.0	2.0	3.0
K05-2279 RR	1.0	4.0	5.0	3.0	2.0	3.0
K05-2643 RR	1.0	4.0	4.0	2.0	2.0	3.0
K05-2664 RR	1.0	4.0	5.0	2.0	2.0	2.0
K05-2722 RR	1.0	4.0	5.0	2.0	2.0	2.0
K05-2723 RR	1.0	4.0	4.0	3.0	2.0	2.0
K05-2730 RR	1.0	4.0	4.0	3.0	2.0	3.0
SS01-14319	1.0	3.0	3.0	2.0	2.0	2.0
NEX3205A0R	2.0	4.0	4.0	3.0	2.0	2.0
NEX3605A0R	2.0	4.0	3.0	2.0	2.0	2.0
U03-824119	2.0	4.0	5.0	3.0	2.0	2.0

UNIFORM TEST III Roundup-Ready, 2007

PROTEIN (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Portageville (Loam) MO	DeWitt NE
AG3505	34.7	35.7	35.4	34.8	34.6	34.5	33.3
NEX2905A0R (E)	33.1	33.9	32.9	32.4	34.2	32.8	32.1
NEX3305B0R (III)	32.6	33.5	32.4	31.2	34.0	32.6	31.6
DKB3852	34.0	33.8	35.5	33.4	34.9	34.8	31.6
CL02-122311	36.1	36.7	37.7	35.7	35.9	36.0	34.6
CL03-5252	34.4	35.3	34.8	34.8	34.2	34.0	33.3
CL03-51122	36.1	37.1	35.9	37.4	35.9	36.3	33.8
CL03-51271	35.9	38.0	35.7	36.8	35.9	36.5	32.5
CL03-51277	36.4	37.7	36.7	35.9	36.7	35.7	35.8
CL03-52115	34.2	35.6	34.4	34.5	34.0	33.5	33.4
CL03-52116	34.9	35.3	35.4	35.5	35.0	35.1	33.1
K04-2203RR	35.4	35.8	36.3	34.6	35.5	35.2	35.0
K05-2077 RR	33.2	34.4	32.9	33.0	34.5	34.7	29.5
K05-2172 RR	34.8	35.3	35.2	34.9	35.2	34.2	33.8
K05-2278 RR	35.7	36.8	35.9	35.0	36.0	36.3	34.2
K05-2279 RR	34.4	35.5	34.6	33.7	34.4	34.4	33.7
K05-2643 RR	34.6	34.3	35.0	34.5	34.8	35.5	33.4
K05-2664 RR	34.9	35.6	35.4	34.5	35.1	34.8	34.1
K05-2722 RR	35.0	35.9	35.6	34.8	35.7	35.9	32.2
K05-2723 RR	34.6	35.7	35.2	35.5	34.4	33.9	32.8
K05-2730 RR	33.6	34.2	34.3	33.7	34.4	33.2	31.7
SS01-14319	35.3	36.3	36.2	35.1	36.0	35.2	33.1
NEX3205A0R	35.4	35.9	35.2	35.2	35.4	36.5	34.2
NEX3605A0R	35.3	34.9	35.3	35.0	35.3	36.2	35.2
U03-824119	33.2	33.7	33.6	33.4	34.5	34.1	29.7

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

UNIFORM TEST III Roundup-Ready, 2007

OIL (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Portageville (Loam) MO	DeWitt NE
AG3505	18.5	16.9	18.8	17.9	18.7	20.0	19.0
NEX2905A0R (E)	19.0	17.0	19.5	18.8	19.5	19.7	19.2
NEX3305B0R (III)	18.4	16.9	18.9	18.2	18.3	19.6	18.4
DKB3852	18.7	17.9	17.3	18.7	18.9	20.1	19.5
CL02-122311	17.5	15.4	17.7	17.8	17.5	18.5	18.2
CL03-5252	17.7	15.5	17.4	17.3	18.7	19.3	18.0
CL03-51122	17.4	14.8	17.4	17.9	17.4	18.5	18.4
CL03-51271	17.8	15.5	18.1	16.7	18.3	19.0	19.3
CL03-51277	17.7	15.1	17.8	17.3	18.4	19.5	18.3
CL03-52115	17.8	15.4	18.3	17.7	18.6	19.0	18.0
CL03-52116	17.8	16.0	18.3	17.6	17.7	19.1	18.4
K04-2203RR	18.7	17.2	18.8	18.6	18.7	20.6	18.2
K05-2077 RR	18.9	16.7	19.6	18.4	18.7	20.0	20.0
K05-2172 RR	18.6	17.2	19.0	18.4	18.6	20.3	18.2
K05-2278 RR	17.5	15.3	18.0	17.9	18.0	17.8	18.1
K05-2279 RR	18.5	16.8	19.3	18.6	18.7	19.5	18.4
K05-2643 RR	18.6	17.4	18.7	18.0	19.3	19.6	18.9
K05-2664 RR	18.8	17.4	18.8	18.2	18.7	20.9	18.9
K05-2722 RR	17.8	16.0	17.8	17.8	17.8	19.2	18.5
K05-2723 RR	17.9	16.0	17.7	17.5	18.4	19.4	18.7
K05-2730 RR	19.4	18.7	19.2	18.9	18.8	21.3	19.5
SS01-14319	17.0	15.9	17.4	16.3	16.7	18.3	17.4
NEX3205A0R	17.9	16.7	19.4	16.8	18.3	18.0	18.3
NEX3605A0R	17.6	16.1	18.4	17.5	17.6	18.1	17.7
U03-824119	19.7	18.1	19.9	18.5	19.9	21.0	20.6

Uniform Test IV Roundup-Ready, 2007

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG4103	na	new		RR
2.	DKB3852	na	3		RR, SCN
3.	AG4403	na	3		RR, SCN
4.	K05-2654 RR	U98-311442 x K1539RR	New	F5	
5.	K05-2685 RR	U98-307917 x K97-132	New	F5	
6.	K05-2718 RR	U98-307917 x K1539RR	New	F5	
7.	K05-4184 RR	U98-311422 x K03W-106	New	F5	
8.	K05-4465 RR	K1514 x S02-583CR	New	F5	
9.	S05-4392	P3 x S02-611CR	new	F5	
10.	S05-9542	HC99-2763 x S02-586CR	new	F5	
11.	SS01-17773	na	1	F7	RR, SCN, Phy R

UNIFORM TEST IV Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>		<u>Green Stem</u>	<u>Green Stem</u>
		Score		Score	Score
		Granite Falls MN	Wilkin County MN	Lafayette IN	Jackson TN
AG4103	WGTDYBfI	4.8	3.8	4.0	1.0
DKB3852	WGTDYLbfI	5.0	4.5	3.0	1.0
AG4403	PTTDYLbII	4.3	3.8	3.0	1.0
K05-2654 RR	WTTDYBII	4.5	3.3	2.0	1.0
K05-2685 RR	WTTDYBrI	4.8	4.0	1.0	1.3
K05-2718 RR	WLt+TBDYBrI	4.8	4.5	3.0	1.0
K05-4184 RR	PGTDYDbf+IbI	4.8	4.0	5.0	1.0
K05-4465 RR	WTBDYBII	5.0	4.5	4.0	1.0
S05-4392	WTTDYLbrI	4.5	3.5	3.0	1.3
S05-9542	PGTDTBII	4.8	3.8	1.0	1.0
SS01-17773	PGBDYIbI	5.0	4.0	1.0	1.0

UNIFORM TEST IV Roundup-Ready, 2007

DESCRIPTIVE AND DISEASE DATA

Strain	<u>Shattering</u>	<u>PR</u>		<u>FE</u>	<u>SDS</u>	
	Score	Lafayette		Laf.	DX	DX
	Manhattan	Race	Race	a	Carbondale	Carmi
	KS	4	7	rx.	IL	IL
AG4103	1.0	R	R	-	20	3
DKB3852	2.0	R	R	-	20	26
AG4403	1.0	S	S	S	12	5
K05-2654 RR	1.0	S	S	-	34	15
K05-2685 RR	1.0	S	S	S	39	11
K05-2718 RR	2.0	S	S	S	12	15
K05-4184 RR	1.0	S	S	S	16	3
K05-4465 RR	1.0	S	S	S	22	13
S05-4392	1.0	S	S	-	22	8
S05-9542	1.0	R*	R*	S	4	5
SS01-17773	1.0	S	R*	S	29	10

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

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

UNIFORM TEST IV Roundup-Ready, 2007

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	<u>Composition</u>	
	11 bu/a	11 No.	12 Date	13 Score	Height 13 In.	Size 13 g/100	Quality 13 Score	Protein 6 %	Oil 6 %
AG4103	52.3	1	9/23	1.5	36	13.1	1.9	34.3	18.7
DKB3852	49.2	5	-2.6	1.1	32	12.6	2.0	33.8	19.3
AG4403	49.8	3	3.6	1.3	37	12.1	2.0	33.2	19.6
K05-2654 RR	46.9	7	-1.3	1.9	35	13.6	2.2	34.3	18.9
K05-2685 RR	44.1	11	4.2	1.7	39	13.3	2.2	34.0	18.9
K05-2718 RR	47.6	6	3.7	1.6	36	14.1	2.3	35.5	17.7
K05-4184 RR	50.6	2	1.9	1.1	32	12.9	2.1	32.9	18.7
K05-4465 RR	46.6	8	4.3	1.6	38	11.5	1.8	33.7	18.2
S05-4392	45.5	10	5.0	1.6	38	13.4	2.2	35.7	16.9
S05-9542	45.7	9	-2.2	1.8	37	11.6	1.7	34.3	18.8
SS01-17773	49.6	4	-1.9	1.3	35	12.1	1.9	34.6	17.6

127.4 Days After Planting

UNIFORM TEST IV Roundup-Ready, 2007

2006-2007 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	<u>Composition</u>	
	23 bu/a	23 No.	24 Date	26 Score	Height 26 In.	Size 25 g/100	Quality 24 Score	Protein 12 %	Oil 12 %
DKB3852	49.6	2	9/21	1.1	33	13.1	2.0	34.5	18.3
AG4403	50.1	1	6.5	1.4	37	12.6	2.0	34.1	18.4
SS01-17773	48.9	3	4.6	1.4	35	12.8	2.1	35.5	17.1

127.4 Days After Planting

UNIFORM TEST IV Roundup-Ready, 2007

YIELD (bu/a)

Strain	Mean 11 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4103	52.3	64.1	52.3	63.8	51.9	59.3	43.4	21.0
DKB3852	49.2	53.6	43.1	59.3	56.6	52.1	43.5	22.9
AG4403	49.8	61.5	46.5	46.0	49.7	59.9	43.2	20.7
K05-2654 RR	46.9	54.7	43.8	50.9	46.2	51.7	39.4	23.6
K05-2685 RR	44.1	53.0	38.9	38.7	40.2	56.4	43.2	23.3
K05-2718 RR	47.6	60.1	46.9	45.9	44.8	51.6	41.7	21.7
K05-4184 RR	50.6	59.5	56.8	56.1	48.2	57.4	39.2	23.4
K05-4465 RR	46.6	55.3	42.8	47.0	47.1	51.5	39.5	22.1
S05-4392	45.5	58.5	44.6	42.4	41.4	51.2	38.9	23.1
S05-9542	45.7	54.9	41.0	46.9	46.5	53.0	37.4	22.0
SS01-17773	49.6	59.7	46.8	52.3	51.7	54.1	39.5	22.6
C.V. (%)		4.2	5.9	7.4	6.8	6.4	8.1	9.1
L.S.D. (5%)		4.1	4.6	6.7	5.5	6.0	4.7	3.5
Row Sp. (In.)		30	30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4	4
Reps		3	3	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST IV Roundup-Ready, 2007

YIELD RANK

Strain	Yield Rank	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4103	1	1	2	1	2	2	2	10
DKB3852	5	10	8	2	1	7	1	5
AG4403	3	2	5	8	4	1	3	11
K05-2654 RR	7	9	7	5	8	8	8	1
K05-2685 RR	11	11	11	11	11	4	3	3
K05-2718 RR	6	3	3	9	9	9	5	9
K05-4184 RR	2	5	1	3	5	3	9	2
K05-4465 RR	8	7	9	6	6	10	6	7
S05-4392	10	6	6	10	10	11	10	4
S05-9542	9	8	10	7	7	6	11	8
SS01-17773	4	4	4	4	3	5	6	6

UNIFORM TEST IV Roundup-Ready, 2007

YIELD (bu/a)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville* (Loam) MO	Jackson* TN
AG4103	48.4	48.8	43.0	79.5	38.1	18.5
DKB3852	44.4	45.3	47.5	73.1	41.6	21.5
AG4403	48.5	55.2	39.1	77.7	29.8	16.2
K05-2654 RR	43.4	62.1	38.6	61.5	35.4	18.3
K05-2685 RR	37.2	57.0	28.0	69.4	34.6	14.3
K05-2718 RR	46.5	54.0	40.8	70.0	42.9	18.7
K05-4184 RR	48.4	54.4	44.1	69.5	41.9	21.3
K05-4465 RR	49.9	54.1	35.2	68.3	41.2	16.8
S05-4392	40.2	50.1	34.7	75.4	37.4	19.8
S05-9542	42.5	51.1	39.6	67.7	35.9	19.5
SS01-17773	49.7	55.1	39.8	74.4	39.3	19.6
C.V. (%)	11.2	11.4	7.5	8.5	16.9	17.5
L.S.D. (5%)	7.2	ns	4.2	10.4	10.9	5.5
Row Sp. (In.)	16	24	30	30	30	30
Rows/Plot	6	4	4	4	4	4
Reps	3	3	3	3	3	3

UNIFORM TEST IV Roundup-Ready, 2007

YIELD RANK

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	4	10	3	1	6	7
DKB3852	7	11	1	5	3	1
AG4403	3	3	7	2	11	10
K05-2654 RR	8	1	8	11	9	8
K05-2685 RR	11	2	11	8	10	11
K05-2718 RR	6	7	4	6	1	6
K05-4184 RR	4	5	2	7	2	2
K05-4465 RR	1	6	9	9	4	9
S05-4392	10	9	10	3	7	3
S05-9542	9	8	6	10	8	5
SS01-17773	2	4	5	4	5	4

UNIFORM TEST IV Roundup-Ready, 2007

MATURITY (date)

Strain	Mean	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
	12 Tests							
AG4103	9/23	9/25	9/21	9/22	10/4	10/1	10/5	
DKB3852	-2.6	-3	-1	-3	-6	-2	-0	
AG4403	3.6	3	3	3	2	1	4	
K05-2654 RR	-1.3	-1	-3	-3	-5	-0	-1	
K05-2685 RR	4.2	3	3	2	1	4	3	
K05-2718 RR	3.7	5	3	3	1	2	3	
K05-4184 RR	1.9	4	0	-1	4	2	1	
K05-4465 RR	4.3	4	3	4	1	1	8	
S05-4392	5.0	5	5	1	3	2	8	
S05-9542	-2.2	2	0	-3	-7	-0	-0	
SS01-17773	-1.9	0	0	-2	-6	-2	1	
Date Planted	5/18	6/1	5/17	5/3	5/7	5/21	6/22	5/25
Days to Mature	127	116	127	142	150	133	105	

UNIFORM TEST IV Roundup-Ready, 2007

LODGING (score)

Strain	Mean	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
	13 Tests							
AG4103	1.5	1.2	1.0	2.0	1.0	1.7	2.0	1.0
DKB3852	1.1	1.0	1.0	1.3	1.0	1.0	1.0	1.0
AG4403	1.3	1.0	1.0	1.5	1.0	1.0	1.0	1.0
K05-2654 RR	1.9	1.8	1.7	2.0	1.0	3.0	1.7	1.0
K05-2685 RR	1.7	1.0	1.5	2.0	1.0	1.7	1.0	1.0
K05-2718 RR	1.6	1.0	1.0	2.0	1.0	2.0	1.7	1.0
K05-4184 RR	1.1	1.0	1.0	1.5	1.0	1.0	1.0	1.0
K05-4465 RR	1.6	1.0	1.2	1.8	1.0	1.7	1.7	1.0
S05-4392	1.6	1.0	1.3	1.5	1.0	2.0	2.0	1.0
S05-9542	1.8	2.3	1.7	2.5	1.3	2.7	2.0	1.0
SS01-17773	1.3	1.0	1.0	1.8	1.0	1.7	1.3	1.0

UNIFORM TEST IV Roundup-Ready, 2007

MATURITY (date)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	9/20	9/28	9/20	9/17	9/8	9/18
DKB3852	-1	-1	-3	0	-8	-3
AG4403	4	5	3	2	11	2
K05-2654 RR	1	2	-3	0	-1	-2
K05-2685 RR	3	5	4	6	11	6
K05-2718 RR	4	3	4	2	8	6
K05-4184 RR	-1	4	1	1	6	2
K05-4465 RR	5	5	4	3	8	6
S05-4392	7	4	4	6	11	4
S05-9542	-1	-1	-4	1	-8	-5
SS01-17773	0	0	-4	-7	0	-2
Date Planted	5/9	6/8	5/17	4/27	5/7	5/18
Days to Mature	134	112	126	143	124	123

UNIFORM TEST IV Roundup-Ready, 2007

LODGING (score)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	2.2	1.0	1.0	2.0	2.0	1.0
DKB3852	1.2	1.0	1.0	2.0	1.0	1.0
AG4403	2.2	1.3	1.0	2.0	2.0	1.0
K05-2654 RR	2.5	1.2	1.8	3.0	3.0	1.0
K05-2685 RR	2.3	1.3	1.6	3.0	4.0	1.0
K05-2718 RR	1.8	1.3	1.5	2.0	3.0	1.0
K05-4184 RR	1.7	1.3	1.2	1.0	1.0	1.0
K05-4465 RR	2.3	1.3	1.2	3.0	3.0	1.0
S05-4392	2.3	1.3	1.6	3.0	2.0	1.0
S05-9542	2.3	1.3	1.4	3.0	1.0	1.0
SS01-17773	2.2	1.2	1.0	2.0	1.0	1.0

UNIFORM TEST IV Roundup-Ready, 2007

PLANT HEIGHT (inches)

Strain	Mean	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
	13 Tests							
AG4103	36	39	40	47	40	39	38	31
DKB3852	32	29	36	42	37	39	34	26
AG4403	37	36	42	47	42	42	33	32
K05-2654 RR	35	33	39	45	40	38	32	30
K05-2685 RR	39	37	45	49	43	40	38	34
K05-2718 RR	36	33	40	45	41	43	34	32
K05-4184 RR	32	30	36	43	36	38	30	26
K05-4465 RR	38	37	44	46	42	47	35	32
S05-4392	38	39	42	48	43	42	35	32
S05-9542	37	35	44	46	42	41	36	32
SS01-17773	35	36	41	47	39	39	36	31

UNIFORM TEST IV Roundup-Ready, 2007

SEED SIZE (g/100)

Strain	Mean	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
	13 Tests							
AG4103	13.1	12.3	9.9	13.7	16.2	14.8	16.0	10.8
DKB3852	12.6	11.4	9.9	12.3	15.3	14.0	16.0	11.8
AG4403	12.1	10.9	9.2	11.8	15.0	13.6	14.3	12.4
K05-2654 RR	13.6	13.1	10.2	12.9	18.0	14.9	17.6	11.8
K05-2685 RR	13.3	12.5	10.1	12.3	16.5	14.7	16.9	11.8
K05-2718 RR	14.1	14.1	11.1	13.9	17.9	15.4	18.1	11.4
K05-4184 RR	12.9	11.4	9.9	11.6	14.4	13.8	17.6	11.4
K05-4465 RR	11.5	10.9	9.2	12.1	13.7	11.5	15.7	10.0
S05-4392	13.4	13.2	10.6	13.2	14.7	15.9	16.4	10.6
S05-9542	11.6	11.7	9.5	11.7	16.1	14.0	16.3	0.0
SS01-17773	12.1	11.0	9.1	11.6	14.7	12.2	16.5	11.1

UNIFORM TEST IV Roundup-Ready, 2007**PLANT HEIGHT (inches)**

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	40	23	36	33	35	33
DKB3852	36	21	33	25	34	31
AG4403	42	25	39	31	38	35
K05-2654 RR	40	25	34	33	36	32
K05-2685 RR	43	29	38	39	40	35
K05-2718 RR	41	24	35	32	41	32
K05-4184 RR	37	21	35	28	32	29
K05-4465 RR	45	27	39	36	37	32
S05-4392	43	27	42	32	38	37
S05-9542	39	25	40	30	34	35
SS01-17773	40	25	34	31	30	32

UNIFORM TEST IV Roundup-Ready, 2007**SEED SIZE (g/100)**

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	12.7	15.4	13.0	14.4	12.0	9.3
DKB3852	12.2	13.7	12.0	14.0	12.0	9.6
AG4403	12.0	13.9	11.0	13.0	12.0	8.7
K05-2654 RR	12.6	16.5	13.0	13.6	12.0	10.8
K05-2685 RR	11.8	15.6	14.0	14.1	12.0	11.1
K05-2718 RR	13.8	15.3	13.0	14.3	13.0	11.5
K05-4184 RR	11.5	16.2	13.0	14.1	13.0	9.9
K05-4465 RR	11.5	12.9	11.0	12.0	9.7	8.9
S05-4392	12.7	15.4	14.0	14.9	12.0	10.4
S05-9542	12.3	13.9	13.0	13.3	10.0	9.6
SS01-17773	12.3	14.4	11.0	13.5	11.0	9.1

UNIFORM TEST IV Roundup-Ready, 2007

SEED QUALITY (score)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4103	1.9	1.0	1.0	1.0	1.5	2.0	2.0	2.0
DKB3852	2.0	1.0	1.0	2.0	1.5	2.0	2.0	2.0
AG4403	2.0	1.0	1.0	2.0	1.0	2.0	2.0	2.0
K05-2654 RR	2.2	1.0	1.0	2.0	1.5	2.0	3.0	2.0
K05-2685 RR	2.2	1.0	2.0	2.0	1.0	2.0	2.0	2.0
K05-2718 RR	2.3	1.0	2.0	3.0	1.0	3.0	2.0	2.0
K05-4184 RR	2.1	1.0	1.0	2.0	1.5	2.0	3.0	2.0
K05-4465 RR	1.8	1.0	1.0	2.0	1.0	2.0	2.0	2.0
S05-4392	2.2	1.0	2.0	2.0	1.0	2.0	2.0	2.0
S05-9542	1.7	1.0	2.0	1.0	1.0	2.0	2.0	0.0
SS01-17773	1.9	1.0	1.0	2.0	1.5	2.0	2.0	2.0

UNIFORM TEST IV Roundup-Ready, 2007**SEED QUALITY (score)**

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4103	2.0	1.0	1.0	3.0	4.0	3.0
DKB3852	2.0	1.5	1.0	3.0	4.0	3.0
AG4403	2.0	1.0	2.0	4.0	3.0	2.8
K05-2654 RR	2.0	1.5	2.0	4.0	4.0	2.8
K05-2685 RR	2.0	1.3	2.0	4.0	4.0	3.2
K05-2718 RR	2.0	1.3	2.0	3.0	4.0	3.3
K05-4184 RR	1.0	1.3	2.0	4.0	4.0	3.0
K05-4465 RR	1.0	1.5	1.0	3.0	3.0	2.5
S05-4392	2.0	1.2	2.0	4.0	4.0	2.8
S05-9542	1.0	1.5	2.0	3.0	4.0	2.0
SS01-17773	2.0	1.5	1.0	4.0	3.0	2.3

UNIFORM TEST IV Roundup-Ready, 2007

PROTEIN (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Ashland KS	Lexington KY	Portageville (Loam) MO	Jackson TN
AG4103	34.3	34.4	34.5	33.7	34.1	34.3	34.9
DKB3852	33.8	33.4	34.0	35.9	33.9	33.4	32.3
AG4403	33.2	33.5	33.8	33.4	33.3	33.3	31.7
K05-2654 RR	34.3	35.2	35.2	35.9	34.1	33.6	32.1
K05-2685 RR	34.0	34.3	34.5	33.8	34.2	34.4	32.5
K05-2718 RR	35.5	35.1	35.9	36.0	35.9	36.0	34.2
K05-4184 RR	32.9	33.5	33.2	33.8	33.2	33.3	30.5
K05-4465 RR	33.7	33.9	34.0	33.5	34.0	33.7	32.9
S05-4392	35.7	34.6	35.6	36.2	37.0	36.0	34.6
S05-9542	34.3	35.0	34.1	33.7	34.4	34.2	34.1
SS01-17773	34.6	34.4	36.2	35.1	34.9	34.3	32.8

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

UNIFORM TEST IV Roundup-Ready, 2007

OIL (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Ashland KS	Lexington KY	Portageville (Loam) MO	Jackson TN
AG4103	18.7	17.9	18.4	18.8	18.8	20.7	17.8
DKB3852	19.3	18.1	18.0	18.0	19.7	22.6	19.4
AG4403	19.6	17.5	19.3	19.0	19.6	21.7	20.6
K05-2654 RR	18.9	16.8	19.0	18.3	18.9	21.3	19.3
K05-2685 RR	18.9	17.0	18.6	18.7	18.9	19.9	20.4
K05-2718 RR	17.7	15.5	17.2	17.3	17.6	18.8	19.7
K05-4184 RR	18.7	16.5	18.5	18.2	18.2	21.1	19.5
K05-4465 RR	18.2	16.1	17.8	18.2	17.8	19.9	19.6
S05-4392	16.9	16.0	17.2	16.6	16.6	18.1	16.9
S05-9542	18.8	17.4	19.1	18.4	19.4	19.8	18.4
SS01-17773	17.6	16.1	17.4	17.9	17.7	19.3	17.1