

THE UNIFORM SOYBEAN TESTS

NORTHERN REGION

2025



Guohong Cai and Adam Brock

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

COOPERATING WITH
STATE AGRICULTURAL EXPERIMENT STATIONS NORTHERN STATES



Agricultural Research Service
U.S. DEPARTMENT OF AGRICULTURE

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COORDINATED BY:
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2025 UNIFORM SOYBEAN TESTS NORTHERN REGION

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The Uniform Soybean Tests are 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.

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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 345, 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 dropped or advanced 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 Statements or data in the report, therefore, should not be published unless those concerned have obtained permission previously.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.

Germplasm exchange among breeding programs is the foundation of breeding progress. The purpose of the Uniform Soybean Test is to facilitate the free exchange of germplasm to maximize genetic diversity and provide well-adapted, stable breeding lines and varieties in the pursuit of breeding progress. Participants are encouraged to exchange germplasm within the legal guidelines pertaining to transgenic strains.

Introduction

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. (A=W. Fehr/A.K. Singh, AR=S. Cianzio)
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, CR=K. Rainey)
CM	Canada Dept. of Agriculture, Morden, Manitoba
D	Mississippi A.E.S.
DSN	Indiana (K. Rainey - Diers/Speccht-developed NAM strains)
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/L. McHale) (HM=L. McHale)
K	Kansas A.E.S.
Ky	Kentucky A.E.S.
L	Illinois A.E.S. (LD=B. Diers, LG=R.L. Nelson/Adam Mahan, LN=C.D. Nickell, LW=D. Walker)
La	Louisiana A.E.S.
LS	Southern Illinois University (LS=M. Schmidt)
M	Minnesota A.E.S.
Md	Maryland A.E.S.
Me	Maine A.E.S.
N	North Carolina A.E.S.
ND	North Dakota A.E.S.
OAC	University of Guelph, Guelph, Ontario
OK	Oklahoma Agricultural Experiment Station
ORC	Ridgetown, Ontario
OT	Central Experimental Farm, Ottawa, Ontario
OX	Research Station, Harrow, Ontario
PI	Plant Inventory
R	Arkansas A.E.S.
RJ	Arkansas State University, Jonesboro
S	Missouri A.E.S. (SS=D. Sleper, SA=A.Scaboo)
SC	South Carolina A.E.S.
SD	South Dakota A.E.S.
T	Soybean Genetic Type Collection, USDA, Urbana, IL
Ts	Texas A.E.S.
U	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 distribution has not been made previously.

Methods

Uniform tests are planted in multiple-row plots with two or three 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 (-) or 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:

Group	Reference:	Range	Early check	Late check
00	MN0083			MN0095
0	ND Dickey		MN0095	MN1511CN (SCN)
I	MN1511CN (SCN)		ND Dickey	MN1905CN (SCN)
II	IA2102		MN1905CN (SCN)	U14-910097 (SCN)
III	U19-604203		U14-910097 (SCN)	LD07-3395bf (SCN)
IV	LD15-3818		LD07-3395bf (SCN)	K18-1994
00TM	MN0083			AG03XF2
0TM	ND Dickey		AG03XF2	MN1511CN (SCN)
ITM	MN1511CN (SCN)		AG10XF4	MN1905CN (SCN)
IITM	IA2102		AG17XF5	U14-910097 (SCN)
IIITM	U19-604203		AG25XF3	AG37XF1
IVTM	LD15-3818		LD07-3395bf (SCN)	AG42XF4

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 LD17-2558 (SCN) for resistance to the soybean cyst nematode in UT II.

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.

Methods

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.

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

1 = Flower color: Purple, White

2 = Pubescence color: Tawny, Gray, Light tawny

3 = Pod color: Brown, Tan, Black

4 = Seed coat luster: Dull, Shiny, Intermediate

5 = Seed coat color = Yellow, Gray, Light gray, Green, Black

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.

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 - 10% shattered

3 = 10 - 25% shattered

4 = 25 - 50% shattered

5 = > - 50% shattered

Iron Chlorosis is rated from 1, no chlorosis to 5, severe chlorosis at the University of Minnesota. Scores are the combined values from all disease nurseries, with 2 replications for each entry and 2 observation dates at a location.

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 - 95%

3 = 85 - 90%

4 = 76 - 84%

5 < 76%

Methods

Oil and Protein. Oil and protein percentages were determined from representative locations of the uniform and preliminary tests. A 50-gram composite sample from all replications of a strain in trial was sent to the USDA-ARS, National Center for Agricultural Utilization Research, Bio-Oils Research Unit at Peoria, Illinois for analysis. One 20-gram sample of whole seed was analyzed for protein and oil composition by near infrared transmittance analysis (NIT) using an IM 9500 Grain Analyzer (Pertin Instruments AB, Sweden). Analysis of the seed was conducted on an 'as is' basis and then mathematically converted to a 13% moisture basis (13%) beginning in 2015. Prior to 2015 protein and oil percentages were reported on a dry weight basis (DWB). The conversion factor is 1.1494252 to convert from 13% to DW. The conversion factor is 0.87 to convert DW to 13%.

Amino Acids. Seed amino acid percentages were determined for strains expected to have modified amino acid percentages and normal checks from representative locations of the uniform and preliminary tests. A composite sample from all replications of a strain in a trial was sent to the University of Missouri Experiment Station Chemical Laboratories (ESCL) for analysis of crude protein and amino acids using the "Cysteine, Methionine, Lysine +9" analysis.

Fatty Acids. Fatty acid analysis of strains expected to have oleic acid levels over 75% and normal checks were determined from representative locations of the uniform and preliminary tests. Percent palmitic, stearic, oleic, linoleic and linolenic acid content in the oil were determined. A 30-gram composite seed sample of all replications of a strain in a trial was sent to Dr. Feng Lin, University of Missouri, Delta Center, Portageville, MO for analysis.

Destiny Hunt at University of Missouri – Delta Center conducted the fatty acid analysis using a five-seed sample placed in an envelope and manually crushed with a hammer. Crushed seeds were extracted in 5mL chloroform: hexane: methanol (8:5:2, v/v/v) overnight. Derivatization was done by transferring 100 μ L of extract to vial and adding 75 μ L of methylating reagent (0.25 M methanolic sodium methoxide: petroleum ether: ethyl ether, 1:5:2 v/v/v). Hexane was added to dilute samples to approximately 1 mL. An Agilent (Palo Alto, CA) series 7890 capillary gas chromatograph fitted with a flame ionization detector (275°C) was used with an AT-Silar capillary column (Alltech Associates, Deerfield, IL). Standard fatty acid mixtures (Animal and Vegetable Oil Reference Mixture 6, AOACS) were used as calibration reference standards.

Oligosaccharides (Sugars). Seed sugar percentages were determined for strains known to have a modified sugar profile and normal checks from representative locations of the uniform and preliminary tests. Composite seed samples of all replications of a strain in a trial were sent to Dr. Bo Zhang, Virginia Polytechnic Institute and State University for analysis. A 10-gram sample was used for High Performance Liquid Chromatography (HPLC).

Sugar is extracted from ground samples using a micro-sugar sample extraction protocol optimized for our HPLC instrument. In brief, 0.1 g of ground sample and 1 mL of HPLC-grade water were vortexed in a 2-mL centrifuge tubes and samples were put on a rocker shaker for 15 min. at 400 strokes per min. Following extraction, samples were centrifuged for 15 min. at 13.2 rpm, and 0.5 mL of resulting supernatant was transferred to a separate 2.0 mL centrifuge tube containing 0.7 mL HPLC-grade acetonitrile (ACN) bringing samples to 1.2 mL total volume and 58% ACN. The tubes were inverted several times and left to sit at room temperature for 1 hr. Samples were then centrifuged at 12.3 rpm for 15 min., and 100 μ L of resulting supernatant was then mixed with 900 μ L of 65% ACN and filtered into 2 mL HPLC vials for analysis using 0.2 μ m membranes. The moisture content of ground samples was determined by oven dry method using a representative sample of the calibration set.

The HPLC instrumentation for the analysis includes an Agilent 1260 Infinity series (Agilent Technologies, Santa Clara, CA) equipped with an apHera™ NH₂ Polymer, 5 μ m analytical column and a 1260 Infinity ELSD detector (Agilent Technologies, Santa Clara, CA). The elution solvent was acetonitrile:water (65:35, v/v) with a flow rate of 1.0 mL/min. Final concentrations for sucrose, raffinose, and stachyose were reported in percent g per 100g seed on a dry weight basis.

Disease Methods

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

Disease Methods

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.

Phytophthora Screening. A hypocotyl inoculation technique was used to screen each soybean entry against a Race 1 *Phytophthora sojae* isolate. Additionally, those entries with expected or suspected *Rps* gene resistance were screened against Race 3, 4, 7, 17, and 25 *P. sojae* isolates. Fourteen soybean differential lines carrying one of 14 *Rps* genes (1a, 1b, 1c, 1d, 1k, 2, 3a, 3b, 3c, 4, 5, 6, 7, 8) and the susceptible line Williams were included in each experiment as controls. All screening was performed at the USDA-ARS West Lafayette, IN location.

Inoculum was prepared by transferring plugs of active-growing *P. sojae* isolate mycelium from a lima bean agar (LBA) plate (150 g steamed lima beans, 20 g agar per liter) to half strength lima bean agar (1/2 LBA) plates (50 g steamed lima beans, 12 g agar per liter) and incubated for 10-21 days in a dark 25°C incubator. Ten to twelve seeds of each soybean line were planted in vermiculite in the greenhouse until germination, and then moved to an indoor light rack and maintained at 24-27°C.

Inoculum was macerated into a slurry by forcing the mycelium-covered agar through a 30 ml syringe without a needle into a second 10 ml syringe fitted with an 18 or 21 gauge needle. Using the needle, a slit was made in the stem of each seedling about 1 cm below the cotyledons and 0.2-0.4 ml of inoculum slurry was ejected into the slit. Trays were covered with humidity domes for 24 hours out of the light, to prevent drying of the inoculum, then uncovered and moved back under the lights.

After 7 days, dead and dying plants were counted and the percentage dead was calculated. Dead and dying were defined as a plant that had a spreading dark lesion originating from the inoculation site, as well as wilting.

Soybean Cyst Nematode (SCN) Screening. Soybean cyst nematode resistance bioassays were conducted in a greenhouse at the University of Missouri. Seeds for each test line along with susceptible controls and indicator lines were germinated in a 27°C incubator. Seedlings were transplanted into pots (100 cm³) of steam pasteurized sandy loam soil and inoculated with 1,000 eggs. Each soybean line had five replicates and were organized in a randomized complete block design. Experiments were conducted in temperature-controlled water tanks to maintain 27°C soil temperature.

Twenty-eight days after inoculation each root was soaked in water and the females were collected by rinsing the root with high pressure water. The females from each sample were counted using a stereo microscope and the mean number from each line was obtained. Female index (FI) values were determined by dividing the mean number of females from the test line by the mean number of females from the susceptible control and multiplying by 100. Coefficient of variation (CV) was calculated for lines with FI 25 or greater.

Lines were rated according to the Illinois resistance scale as: highly resistant (FI < 10), resistant (FI = 10-24), moderately resistant (FI = 25-39), low resistance (FI = 40-59), or no effective resistance (FI ≥ 60). Ratings were not determined if CV values were greater than 35, if there were fewer than 3 data points from a test line, or if resistant and susceptible individuals were present within a line yet fell below the FI or CV thresholds.

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.

Many public institutions carry out development and release of soybean strains. 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 two or three 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. Breeder's seed is distributed to foundation seed organizations in participating states for production during the summer. Now, 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.

Procedure for Testing and Release of Strains

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. Kay Simmons, Deputy Administrator for Crop Production and Protection, Office of National Programs, USDA, ARS, 5601 Sunnyside Avenue, 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.

Disease, Shattering, and Descriptive Data, 2025

State/ Province	Location	Tests Conducted By:	Tests	UT	PT	UTTM
IN	West Lafayette	G. Cai / T. Fleury	PR Evaluations	00-IV	I-IV	0-IV
IN	West Lafayette	G. Cai / A. Brock	Descriptive Data	00-IV	I-IV	0-IV
MN	Crookston & Climax	A. Lorenz	Fe Chlorosis (IDC)	00-I	I	0-I
MO	Columbia	A. Scaboo / C. Meinhardt	SCN	00-IV		0-IV

Uniform Test Strains Released or Licensed, 2025

Variety	Experimental Designation	Uniform Test Evaluations		Licensed Trait(s)
<i>IA 2025 - Iowa State University (Licensing Entity - ISU Research Foundataion)</i>				
IAS25C2	A16371-79	2022 PT II A	2023 UT II	
IAS29C1	A16373-82	2022 PT III A	2023 UT III 2024 UT II	
IAS29C3	A17112-19	2023 PT III A	2024-2025 UT II	
IAS29C4	A17112-34	2023 PT III A	2024-2025 UT II	
IAS31C2	A16355-142	2022 PT III A	2023-2024 SCN U III	
IAS32C1	A17112-226	2023 PT III A	2024-2025 UT III	
IAS34C1	A17112-133	2023 PT III A	2024-2025 UT III	
<i>IL 2025 - University of Illinois (Licensing Entity - Northern Star Seed, LLC)</i>				
19A25	LD20-4542	2025 UT II		Conventional, SCN, SCN soja, PRR
20A12	LD21-6063	2024 PT II	2025 UT II	Conventional
31A02	LD20-11665	2023 PT III	2024 - 2025 UT III	Conventional, SCN, PRR
37A71	LD21-7458	2025 UT III		Conventional, SCN
36A25	LD21-5547	2025 UT III		Conventional, SCN
41A91	LD21-5922	2025 UT IV		Conventional, SCN, SCN soja
<i>KS 2025 - Kansas State University (Licensing Entity - Kansas State University Research Foundation)</i>				
KS4525NS	K18-1994	2021 PT IV	2022 - 2025 UT IV	
<i>ND 2025 - North Dakota State University (Licensing Entity - NDSU Research Foundation)</i>				
ND2501SCNGT	ND18-20092(GT SCN)	2022 UT00-TM	2024-2025 UT0-TM	Glyphosate tolerance

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2025 Uniform Trial SCN Screening (HG Type 7, All SCN Entries)

Female Index (FI) = (mean number of females on test cultivar) ÷ (mean number of females on control) x 100

Rating scale

FI < 10 = Highly Resistant; HR

FI 10 to 24 = Resistant; R

FI 25 to 39 = Moderately Resistant; MR

FI 40 to 59 = Low Resistance; LR

FI > 60 = No Resistance; NR

FI > 25, CV = Not Determined; **

(*)=small root, (.)=missing sample, (**)=rep data too variable to rate

inoc rate = 1000 eggs	HG Type 7							FI
	rep1	rep2	rep3	rep4	rep5	mean		
Williams 82						248		
Lee 74	249	256	304	234	271	263	100	
PI 548402	10	8	3	10	6	7	3	
PI 88788	12	12	14	34	30	20	8	
PI 90763	0	3	4	1	5	3	1	
PI 437654	0	0	0	0	0	0	0	
PI 209332	26	20	19	25	17	21	8	
PI 89772	4	0	2	2	0	2	1	
PI 548316	38	64	48	60	68	56	21	
Pickett	7	17	21	12	22	16	6	

Test	Entry	Strain	SCN Source	HG Type 7							FI	rating
				rep1	rep2	rep3	rep4	rep5	mean	cv		
UT 00	4	M18-219013	Rhg1-b	341	293	289	280	428	326	19	127	NR
UT 0	3	MN0507CN (SCN)	Rhg1-b	106	44	68	82	46	69	37	27	**
UT 0	4	MN1511CN (SCN)	Rhg1-b	34	45	46	35	55	43		17	R
UT 0	5	M17-148028	Rhg1-b	67	35	27	26	55	42		16	R
UT 0	18	ND21-16321	Rhg1-a?	37	44	44	19	46	38		15	R
UT 0	19	ND21-16580	Rhg1-a?	19	15	36	27	8	21		8	HR
UT I	3	E15338	Rhg1-b	44	30	50	83	67	55		21	R
UT I	4	MN1905CN (L)	Rhg1-b	33	31	50	51	32	39		15	R
UT I	6	A18273-17		46	29	30	33	54	38		15	R
UT I	7	A18302-39		42	27	54	66	41	46		18	R
UT I	8	A18321-3Y		80	68	51	60	36	59		23	R
UT I	9	A18325-2Y		11	40	16	29	20	23		9	HR
UT I	10	A18372-90		9	14	12	14	11	12		5	HR
UT I	13	LD18-4787F	H-Rhg1-b	198	157	182	184	183	181	8	71	NR
UT I	14	M18-105005	PI 507354, Peking, PI 88788	110	103	87	113	102	103	10	40	LR
UT I	16	ORC 5023	Rhg1-b, Rhg1-a, Rhg4	45	11	7	10	29	20		8	HR
UT II	1	IA2102 (II)	Rhg1-b	42	45	33	46	51	43		17	R
UT II	3	LD17-2558 (SCN)	Rhg1-b	21	15	16	12	22	17		7	HR
UT II	4	U14-910097 (SCN)	Rhg1-a	16	15	18	16	11	15		6	HR
UT II	9	A18112-98		15	16	30	26	23	22		9	HR
UT II	10	A18112-101		271	251	229	262	291	261	9	102	NR
UT II	11	A18207-54		46	40	44	63	57	50		20	R
UT II	12	A18328-60Y		58	26	54	59	50	49		19	R
UT II	16	E21125		275	267	219	204	312	255	17	100	NR
UT II	20	LD20-4471	Rhg1-a, Rhg4	12	35	16	42	62	33	61	13	R
UT II	21	LD20-4542	Rhg1-b, cqSCN-006, cqSCN-007	13	27	32	11	16	20		8	HR
UT II	24	LD21-6063	Rhg1-b	318	284	294	339	317	310	7	121	NR
UT II	25	LD21-6298	Rhg1-b	12	31	27	36	26	26		10	R
UT II	26	LD22-4111	Rhg1-b	21	41	31	30	27	30		12	R

2025 Uniform Trial SCN Screening (HG Type 7, All SCN Entries)

Test	Entry	Strain	SCN Source	HG Type 7							FI	rating
				rep1	rep2	rep3	rep4	rep5	mean	cv		
UT II	27	LD22-4283	Rhg1-a, Rhg4	16	10	6	9	9	10		4	HR
UT II	28	U20-134372	cqSCN-007	284	193	197	178	292	229	24	89	NR
UT II	29	U20-135373	H-Rhg4	259	257	250	280	334	276	12	108	NR
UT II	30	U20-137354	cqSCN-007	277	281	204	251	443	291	31	114	NR
UT II	31	U21-902149	Rhg1-b, Rhg2, H-Rhg4, cqSCN-007	26	25	22	32	26	26		10	R
UT II	32	U21-915087	Rhg1-b, Rhg2, H-Rhg4, cqSCN-007	23	26	166	9	10	47	143	18	**
UT II	33	U21-915158	H-Rhg2, Rhg4, cqSCN-007	197	218	207	229	271	224	13	88	NR
UT II	34	U21-931124	Rhg1-a, Rhg2	172	152	200	190	201	183	11	72	NR
UT II	35	U21-934095	Rhg1-a, Rhg2, H-Rhg4, cqSCN-007	9	131	134	16	25	63	101	25	**
UT III	1	U19-604203 (III)	Rhg1a, Rhg4	12	9	13	10	15	12		5	HR
UT III	3	LD18-6596	Rhg1-b	48	84	60	46	40	56		22	R
UT III	4	LD07-3395bf (SCN)	Rhg1-a, Rhg4	17	17	18	9	16	15		6	HR
UT III	9	A18361-172		17	33	41	29	15	27		11	R
UT III	16	LD21-1222	Rhg1-b	14	3	11	11	16	11		4	HR
UT III	17	LD21-2688	Rhg1-b	38	31	42	28	22	32		13	R
UT III	18	LD21-3090	Rhg1-a, Rhg4	25	19	12	15	35	21		8	HR
UT III	19	LD21-5253	Rhg1-a, Rhg4	23	27	19	24	18	22		9	HR
UT III	20	LD21-5547	Rhg1-b	17	16	23	30	9	19		7	HR
UT III	21	LD21-5665	Rhg1-a, Rhg4	12	8	15	9	14	12		5	HR
UT III	22	LD21-7234	Rhg1-b	61	54	60	59	52	57		22	R
UT III	23	LD21-7458	Rhg1-a, Rhg4	29	18	35	31	21	27		10	R
UT III	34	U20-306320	Rhg2, Rhg4	184	165	224	214	249	207	16	81	NR
UT III	35	U20-307318	Rhg2, cqSCN-007	205	216	230	242	229	224	6	88	NR
UT III	36	U20-914165	Rhg1-b	234	212	211	230	223	222	5	87	NR
UT III	37	U21-916129	Rhg1-a, H-Rhg2, H-cqSCN_007	141	150	221	196	164	174	19	68	NR
UT III	38	U21-930119	Rhg1-a, Rhg2, Rhg4	15	20	35	131	20	44	111	17	**
UT III	39	U21-930134	Rhg1-b, Rhg2, cqSCN-007	17	34	21	22	16	22		9	HR
UT III	40	U21-933088	Rhg1-a, Rhg2, Rhg4	28	25	22	20	26	24		9	HR
UT IV	1	LD15-3818 (IV)	Rhg1-b	68	35	53	36	44	47		18	R
UT IV	3	K18-1994 (L)	Rhg1-b	39	46	80	40	25	46		18	R
UT IV	4	CR20-5030	Rhg1-b	31	32	38	27	28	31		12	R
UT IV	7	LD20-11748	H-Rhg1-b, H-Rhg1a, Rhg4	8	9	38	17	29	20		8	HR
UT IV	8	LD21-2459	Rhg1-b	9	20	14	26	17	17		7	HR
UT IV	10	LD21-7183	Rhg1-b	20	25	33	31	33	28		11	R
UT IV	27	SA21-3530	Rhg1-b	23	33	20	26	31	27		10	R
UT IV	29	SA21-4168	Rhg1-b	48	52	43	57	42	48		19	R
UT O TM	6	M18-154059	Rhg1-b	207	218	252	201	233	222	9	87	NR
UT O TM	7	M18-200026	Rhg1-b	43	56	48	47	50	49		19	R
UT O TM	8	M18-224022	Rhg1-b	130	26	189	148	142	127	48	50	**
UT O TM	16	ND18-20092(GT SCN)	Rhg1-a?	40	43	30	38	25	35		14	R
UT II TM	8	E22296	Rhg1-b	37	20	42	29	47	35		14	R
UT II TM	13	LD21-7914	Rhg1-b	39	29	35	19	48	34		13	R

2025 Uniform Trial SCN Screening (HG Type 7, All SCN Entries)

Test	Entry	Strain	SCN Source	HG Type 7							FI	rating
				rep1	rep2	rep3	rep4	rep5	mean	cv		
UT III TM	5	LD21-3593	Rhg1-b	29	32	56	53	21	38	15	R	
UT III TM	6	LD21-9470	Rhg1-b	26	40	77	50	32	45	18	R	
UT III TM	16	LD23-20801-1	Rhg1-b	14	29	46	14	18	24	9	HR	
UT IV TM	5	LD20-12210	Rhg1-b	55	63	53	41	41	51	20	R	
UT IV TM	6	LD21-3582	Rhg1-b	41	40	88	44	54	53	21	R	

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2025 Uniform Trial SCN Screening (HG Type 2.5.7, Entries with Sources other than PI88788)

Female Index (FI) = (mean number of females on test cultivar) ÷ (mean number of females on control) x 100

Rating scale

FI < 10 = Highly Resistant; HR
 FI 10 to 24 = Resistant; R
 FI 25 to 39 = Moderately Resistant; MR
 FI 40 to 59 = Low Resistance; LR
 FI > 60 = No Resistance; NR
 FI > 25, C¹ = Not Determined; **

(*)=small root, (.)=missing sample, (**)=rep data too variable to rate

inoc rate = 1000 eggs	HG Type 2.5.7						
	rep1	rep2	rep3	rep4	rep5	mean	FI
Williams 82						202	
Lee 74	196	194	202	179	197	194	100
PI 548402	2	2	10	6	1	4	2
PI 88788	119	13	128	142	137	108	56
PI 90763	0	0	0	0	0	0	0
PI 437654	0	0	0	0	0	0	0
PI 209332	164	158	148	197	149	163	84
PI 89772	0	0	0	0	0	0	0
PI 548316	126	114	173	151	155	144	74
Pickett	39	25	5	156*	10	20	10

Test	Entry	Strain	SCN Source	HG Type 2.5.7								FI	rating
				rep1	rep2	rep3	rep4	rep5	mean	cv			
UT I	14	M18-105005	PI 507354, Peking, PI 88788	165	125	173	134	196	159	18	86	NR	
UT I	16	ORC 5023	Rhg1-b, Rhg1-a, Rhg4	3	114	130	8	5	52	123	28	**	
UT II	4	U14-910097 (SCN)	Rhg1-a	6	5	3	2	6	4		2	HR	
UT II	20	LD20-4471	Rhg1-a, Rhg4	133	2	8	5	136	57	125	31	**	
UT II	21	LD20-4542	Rhg1-b, cqSCN-006, cqSCN-007	62	82	86	82	59	74	17	40	LR	
UT II	27	LD22-4283	Rhg1-a, Rhg4	4	0	1	3	0	2		1	HR	
UT II	28	U20-134372	cqSCN-007	156	174	130	112	139	142	17	77	NR	
UT II	29	U20-135373	H-Rhg4	181	233	204	117	120	171	30	92	NR	
UT II	30	U20-137354	cqSCN-007	152	174	168	163	150	161	6	87	NR	
UT II	31	U21-902149	Rhg1-b, Rhg2, H-Rhg4, cqSCN-007	171	114	68	62	121	107	41	58	**	
UT II	32	U21-915087	Rhg1-b, Rhg2, H-Rhg4, cqSCN-007	111	139	103	154	134	128	16	69	NR	
UT II	33	U21-915158	H-Rhg2, Rhg4, cqSCN-007	134	203	172	146	130	157	19	85	NR	
UT II	34	U21-931124	Rhg1-a, Rhg2	67	90	94	69	87	81	15	44	LR	
UT II	35	U21-934095	Rhg1-a, Rhg2, H-Rhg4, cqSCN-007	56	122	30	81	76	73		39	MR	
UT III	1	U19-604203 (III)	Rhg1a, Rhg4	1	2	0	3	0	1		1	HR	
UT III	4	LD07-3395bf (SCN)	Rhg1-a, Rhg4	4	43	23	4	15	18		10	HR	
UT III	18	LD21-3090	Rhg1-a, Rhg4	27	21	29	23	35	27		15	R	
UT III	19	LD21-5253	Rhg1-a, Rhg4	107	128	138	94	92	112	18	60	NR	
UT III	21	LD21-5665	Rhg1-a, Rhg4	10	1	14	21	5	10		6	HR	
UT III	23	LD21-7458	Rhg1-a, Rhg4	46	25	45	22	24	32		17	R	
UT III	34	U20-306320	Rhg2, Rhg4	136	124	143	127	141	134	6	72	NR	
UT III	35	U20-307318	Rhg2, cqSCN-007	185	208	192	233	205	205	9	110	NR	
UT III	37	U21-916129	Rhg1-a, H-Rhg2, H-cqSCN_007	181	163	58	23	120	109	62	59	**	
UT III	38	U21-930119	Rhg1-a, Rhg2, Rhg4	21	19	15	17	28	20		11	R	
UT III	39	U21-930134	Rhg1-b, Rhg2, cqSCN-007	136	143	120	102	85	117	20	63	NR	
UT III	40	U21-933088	Rhg1-a, Rhg2, Rhg4	40	28	34	68	30	40		22	R	
UT IV	7	LD20-11748	H-Rhg1-b, H-Rhg1a, Rhg4	188	207	129	98	4	125	64	68	**	
UT O TM	16	ND18-20092(GT SCN)	Rhg1-a?	173	162	177	164	137	163	10	88	NR	

2025 Uniform Trial SCN Screening (HG Type 1.2.5.7, Entries with Sources other than PI88788)

Female Index (FI) = (mean number of females on test cultivar) ÷ (mean number of females on control) x 100

Rating scale

FI < 10 = Highly Resistant; HR
 FI 10 to 24 = Resistant; R
 FI 25 to 39 = Moderately Resistant; MR
 FI 40 to 59 = Low Resistance; LR
 FI > 60 = No Resistance; NR
 FI > 25, C¹ = Not Determined; **

(*)=small root, (.)=missing sample, (**)=rep data too variable to rate

inoc rate = 1000 eggs	HG Type 1.2.5.7						mean	FI
	rep1	rep2	rep3	rep4	rep5			
Williams 82						157		
Lee 74	153	182	160	162	170	165	100	
PI 548402	40	35	38	36	33	36	22	
PI 88788	105	124	109	127	131	119	72	
PI 90763	0	0	0	0	0	0	0	
PI 437654	0	0	0	0	0	0	0	
PI 209332	168	171	152	189	163	169	102	
PI 89772	0	0	0	0	0	0	0	
PI 548316	143	150	135	152	147	145	88	
Pickett	97	111	99	108	95	102	62	

Test	Entry	Strain	SCN Source	HG Type 1.2.5.7							FI	rating
				rep1	rep2	rep3	rep4	rep5	mean	cv		
UT I	14	M18-105005	PI 507354, Peking, PI 88788	122	82	94	138	124	112	21	70	NR
UT I	16	ORC 5023	Rhg1-b, Rhg1-a, Rhg4	13	78	9	26	98	45	91	28	**
UT II	4	U14-910097 (SCN)	Rhg1-a	28	9	44	30	35	29		18	R
UT II	20	LD20-4471	Rhg1-a, Rhg4	20	19	23	120	22	41	109	25	**
UT II	21	LD20-4542	Rhg1-b, cqSCN-006, cqSCN-007	39	48	72	52	64	55	24	34	MR
UT II	27	LD22-4283	Rhg1-a, Rhg4	9	6	13	13	17	12		7	HR
UT II	28	U20-134372	cqSCN-007	85	86	95	93	100	92	7	57	LR
UT II	29	U20-135373	H-Rhg4	73	90	87	111	156	103	31	65	NR
UT II	30	U20-137354	cqSCN-007	129	75	103	105	139	110	23	69	NR
UT II	31	U21-902149	Rhg1-b, Rhg2, H-Rhg4, cqSCN-007	109	111	104	106	117	109	5	68	NR
UT II	32	U21-915087	Rhg1-b, Rhg2, H-Rhg4, cqSCN-007	79	108	126	95	66*	102	20	64	NR
UT II	33	U21-915158	H-Rhg2, Rhg4, cqSCN-007	99	48	103	105	136	98	32	61	NR
UT II	34	U21-931124	Rhg1-a, Rhg2	45	74	49	101	70	68	33	42	LR
UT II	35	U21-934095	Rhg1-a, Rhg2, H-Rhg4, cqSCN-007	68	71	62	74	86	72	12	45	LR
UT III	1	U19-604203 (III)	Rhg1a, Rhg4	17	10	23	22	10	16		10	R
UT III	4	LD07-3395bf (SCN)	Rhg1-a, Rhg4	16	29	7	119	74	49	96	31	**
UT III	18	LD21-3090	Rhg1-a, Rhg4	152	97	70	91	113	105	29	65	NR
UT III	19	LD21-5253	Rhg1-a, Rhg4	86	116	142	73	152	114	30	71	NR
UT III	21	LD21-5665	Rhg1-a, Rhg4	77	68	72	86	90	79	12	49	LR
UT III	23	LD21-7458	Rhg1-a, Rhg4	70	78	70	79	62	72	10	45	LR
UT III	34	U20-306320	Rhg2, Rhg4	163	38 *	53	119	74	102	48	64	**
UT III	35	U20-307318	Rhg2, cqSCN-007	142	140	137	132	176	145	12	91	NR
UT III	37	U21-916129	Rhg1-a, H-Rhg2, H-cqSCN_007	82	12	31	16	12	31	97	19	**
UT III	38	U21-930119	Rhg1-a, Rhg2, Rhg4	92	75	95	106	100	94	12	58	LR
UT III	39	U21-930134	Rhg1-b, Rhg2, cqSCN-007	124	108	122	119	121	119	5	74	NR
UT III	40	U21-933088	Rhg1-a, Rhg2, Rhg4	95	85	123	88	101	98	15	61	NR
UT IV	7	LD20-11748	H-Rhg1-b, H-Rhg1a, Rhg4	71	88	123	77	128	97	27	61	NR
UT O TM	16	ND18-20092(GT SCN)	Rhg1-a?	108	73	87	109	94	94	16	59	LR

2025 Phytophthora Screening Results - ISA 124 C-1 Race 1 (7)

		Test					Test		
Entry	Strain	% Dead	# D/T	Group	Entry	Strain	% Dead	# D/T	Group
UT 00					5	A18209-26	100%	12/12	1
1	MN0083 (00)	0%	0/12	1	6	A18273-17	100%	12/12	1
2	MN0095 (0)	0%	0/12	1	7	A18302-39	100%	11/11	1
3	ND Rolette	0%	0/12	1	8	A18321-3Y	92%	11/12	1
4	M18-219013	91%	10/11	1	9	A18325-2Y	0%	0/12	1
5	M19-116015	0%	0/12	1	10	A18372-90	0%	0/12	1
6	ND22-13811	90%	9/10	1	11	E20078	0%	0/11	1
7	ND22-15862	0%	0/10	1	12	E21100	82%	9/11	1
8	X6110-10	100%	10/10	1	13	LD18-4787F	100%	12/12	1
UT 0					14	M18-105005	17%	2/12	1
1	ND Dickey (0)	0%	0/11	1	15	M18-167057	83%	10/12	1
2	MN0095	0%	0/12	1	16	ORC 5023	0%	0/12	1
3	MN0507CN (SCN)	0%	0/9	1	PT I				
4	MN1511CN (SCN)	0%	0/9	1	1	MN1511CN (SCN) (I)	0%	0/9	1
5	M17-148028	100%	12/12	1	2	ND Dickey (0)	0%	0/11	1
6	M17-152020	33%	4/12	1	3	E15338	8%	1/12	1
7	M19-108043	63%	5/8	1	4	MN1905CN	100%	12/12	1
8	M19-108056	8%	1/12	1	5	A19205-8Y	50%	6/12	1
9	M19-111071	0%	0/11	1	6	A19335-18Y	100%	12/12	1
10	M19-137008	0%	0/10	1	7	E23010	100%	11/11	1
11	M19-137013	0%	0/11	1	8	LD22-9089	0%	0/11	1
12	M19-137020	0%	0/11	1	9	M19-106062	45%	5/11	1
13	M19-143011	0%	0/12	1	10	M19-131015	100%	11/11	1
14	M19-196-2052	50%	6/12	1	11	M19-158047	0%	0/12	1
15	M19-239034	100%	12/12	1	12	M19-172049	36%	4/11	1
16	ND20-12680	10%	1/10	1	13	M19-173008	22%	2/9	1
17	ND20-14884	0%	0/12	1	14	M19-173015	50%	5/10	1
18	ND21-16321	44%	4/9	1	15	M19-173027	92%	11/12	1
19	ND21-16580	0%	0/12	1	16	M19-173031	75%	9/12	1
20	ND22-13597	100%	12/12	1	17	M19-173039	67%	8/12	1
21	ND22-15145	91%	10/11	1	18	M19-173046	83%	10/12	1
22	ND22-15646	50%	4/8	1	19	M19-186032	45%	5/11	1
23	ND22-15851	0%	0/12	1	20	M19-239010	100%	12/12	1
24	OAC 23-06C-SCN	0%	0/12	1	21	M19-239026	100%	12/12	1
25	OAC 23-13C-SCN	0%	0/12	1	22	M19-239030	83%	10/12	1
UT I					23	M19-242007	100%	11/11	1
1	MN1511CN (SCN) (I)	0%	0/9	1	24	OAC 22-31C-SCN	0%	0/10	1
2	ND Dickey (0)	0%	0/11	1	25	OAC 23-29C-SCN	8%	1/12	1
3	E15338	8%	1/12	1	26	OAC 23-42C-SCN	27%	3/11	1
4	MN1905CN	100%	12/12	1	27	ORC 6024	0%	0/12	1
					28	ORC 6424	0%	0/12	1

2025 Phytophthora Screening Results - ISA 124 C-1 Race 1 (7)

Entry	Strain	% Dead	# D/T	Test Group	Entry	Strain	% Dead	# D/T	Test Group
PT I					PT II A				
29	ORC 6724	0%	0/11	1	1	IA2102 (II)	100%	11/11	2
30	ORC 7124	40%	4/10	1	2	MN1905CN	100%	12/12	2
31	ORC 7424	0%	0/12	1	3	LD17-2558 (SCN)	67%	8/12	2
					4	U14-910097 (SCN)	50%	6/12	2
					5	A19102-112Y	100%	11/11	2
1	IA2102 (II)	100%	11/11	2	6	A19105-81Y	100%	12/12	2
2	MN1905CN	100%	12/12	2	7	A19201-135Y	92%	11/12	2
3	LD17-2558 (SCN)	67%	8/12	2	8	A19205-50	0%	0/12	2
4	U14-910097 (SCN)	50%	6/12	2	9	A19205-83Y	100%	12/12	2
5	A17112-19	67%	8/12	2	10	A19232-35	0%	0/12	2
6	A17112-34	100%	12/12	2	11	A19305-67Y	100%	12/12	2
7	A17112-202	92%	11/12	2	12	A19331-177Y	100%	11/11	2
8	A17438-64	100%	12/12	2	13	A19335-85Y	20%	2/10	2
9	A18112-98	92%	11/12	2	14	A19335-128Y	33%	4/12	2
10	A18112-101	100%	12/12	2	15	A19350-14Y	89%	8/9	2
11	A18207-54	0%	0/12	2	16	CR22-00202	0%	0/12	2
12	A18328-60Y	100%	12/12	2	17	CR22-01319	100%	12/12	2
13	E20329	0%	0/12	2	18	CR22-01447	83%	10/12	2
14	E21107	0%	0/12	2	19	CR22-01526	100%	12/12	2
15	E21109	22%	2/9	2	20	CR22-02199	100%	12/12	2
16	E21125	0%	0/11	2	21	CR22-02851	0%	0/12	2
17	E21127	0%	0/12	2	22	CR22-03306	0%	0/11	2
18	LD20-0815	0%	0/12	2	23	CR22-04718	100%	12/12	2
19	LD20-11062	0%	0/11	2	24	CR22-04834	0%	0/11	2
20	LD20-4471	91%	10/11	2	25	CR22-05431	100%	12/12	2
21	LD20-4542	42%	5/12	2	26	LD22-0009a	100%	12/12	2
22	LD20-5172	0%	0/10	2	27	LD22-1274	0%	0/12	2
23	LD20-5738	100%	12/12	2	28	LD22-1276	0%	0/12	2
24	LD21-6063	100%	12/12	2	29	LD22-4118	0%	0/12	2
25	LD21-6298	100%	12/12	2	30	LD22-4180	0%	0/12	2
26	LD22-4111	0%	0/12	2	31	LD22-4199	0%	0/10	2
27	LD22-4283	100%	12/12	2	32	LD22-4834	92%	11/12	2
28	U20-134372	36%	4/11	2	33	LD22-5592	8%	1/12	2
29	U20-135373	83%	10/12	2	34	LD22-9044a	100%	12/12	2
30	U20-137354	25%	3/12	2					
31	U21-902149	0%	0/12	2					
32	U21-915087	0%	0/11	2					
33	U21-915158	9%	1/11	2	1	IA2102 (II)	100%	11/11	2
34	U21-931124	0%	0/12	2	2	MN1905CN	100%	12/12	2
35	U21-934095	9%	1/11	2	3	LD17-2558 (SCN)	67%	8/12	2
					4	U14-910097 (SCN)	50%	6/12	2
					5	E23002	100%	12/12	2

2025 Phytophthora Screening Results - ISA 124 C-1 Race 1 (7)

Entry Strain		% Dead	# D/T	Test Group	Entry Strain		% Dead	# D/T	Test Group
PT II B									
6	E23036	100%	12/12	2	11	CR21-01610	100%	12/12	3
7	E23043	0%	0/12	2	12	CR21-01659	9%	1/11	3
8	E23046	0%	0/12	2	13	CR21-01765	8%	1/12	3
9	E23211	100%	12/12	2	14	CR21-02230	100%	12/12	3
10	E23213	100%	12/12	2	15	LD20-11665	0%	0/12	3
11	HM21-50328	0%	0/11	2	16	LD21-1222	100%	12/12	3
12	HM22-64205	0%	0/12	2	17	LD21-2688	0%	0/12	3
13	HM23-72134	0%	0/12	2	18	LD21-3090	100%	11/11	3
14	HM23-72206	0%	0/12	2	19	LD21-5253	100%	12/12	3
15	HM23-74210	80%	8/10	2	20	LD21-5547	100%	12/12	3
16	ORC 6524	0%	0/10	2	21	LD21-5665	100%	12/12	3
17	ORC 6624	67%	8/12	2	22	LD21-7234	100%	11/11	3
18	ORC 7924	0%	0/11	2	23	LD21-7458	45%	5/11	3
19	ORC 9224	0%	0/12	2	24	LG19-4084	100%	12/12	3
20	ORC 9324	0%	0/12	2	25	LG21-2513	100%	12/12	3
21	U20-927101	10%	1/10	2	26	LG21-2680	10%	1/10	3
22	U20-929144	0%	0/11	2	27	LG21-2735	80%	8/10	3
23	U21-105179	100%	12/12	2	28	LG21-2736	100%	10/10	3
24	U21-213163	8%	1/12	2	29	LG21-2809	0%	0/12	3
25	U21-213176	0%	0/11	2	30	SA19-10687	0%	0/12	3
26	U22-902002	100%	11/11	2	31	SA21-4164	0%	0/9	3
27	U22-902014	42%	5/12	2	32	U19-053145	67%	8/12	3
28	U22-902071	83%	10/12	2	33	U19-274107	55%	6/11	3
29	U22-903013	67%	8/12	2	34	U20-306320	92%	11/12	3
30	U22-903025	18%	2/11	2	35	U20-307318	20%	2/10	3
31	U22-904056	27%	3/11	2	36	U20-914165	0%	0/10	3
32	U22-907020	100%	12/12	2	37	U21-916129	82%	9/11	3
33	U22-911015	0%	0/12	2	38	U21-930119	0%	0/11	3
34	U22-927011	42%	5/12	2	39	U21-930134	9%	1/11	3
					40	U21-933088	58%	7/12	3
UT III					PT III A				
1	U19-604203 (III)	8%	1/12	3	1	U19-604203 (III)	8%	1/12	3
2	U14-910097 (SCN)	100%	12/12	3	2	U14-910097 (SCN)	100%	12/12	3
3	LD18-6596	0%	0/12	3	3	LD18-6596	0%	0/12	3
4	LD07-3395bf (SCN)	100%	12/12	3	4	LD07-3395bf (SCN)	100%	12/12	3
5	A17102-209	0%	0/10	3	5	A19106-75Y	100%	11/11	3
6	A17112-133	92%	11/12	3	6	A19115-51	92%	11/12	3
7	A17112-226	100%	12/12	3	7	A19115-173	92%	11/12	3
8	A17204-16	100%	10/10	3	8	A19203-209Y	17%	1/6	3
9	A18361-172	83%	10/12	3	9	A19204-54	0%	0/12	3
10	CR20-5340	100%	12/12	3	10	A19204-242	100%	12/12	3

2025 Phytophthora Screening Results - ISA 124 C-1 Race 1 (7)

		Test					Test		
Entry	Strain	% Dead	# D/T	Group	Entry	Strain	% Dead	# D/T	Group
PT III A					10	LG21-2510	91%	10/11	3
11	A19206-218Y	91%	10/11	3	11	LG21-2517	100%	12/12	3
12	A19207-218Y	45%	5/11	3	12	LG21-2738	92%	11/12	3
13	A19347-162Y	58%	7/12	3	13	LG22-3077	91%	10/11	3
14	A19351-171Y	67%	8/12	3	14	LG22-3814	100%	12/12	3
15	A19401-197Y	50%	6/12	3	15	LG22-3960	100%	12/12	3
16	A19703-219	0%	0/12	3	16	LG22-4776	100%	11/11	3
17	CR22-01002	0%	0/11	3	17	SA21-3544	100%	12/12	3
18	CR22-01191	92%	11/12	3	18	SA21-5909	100%	11/11	3
19	CR22-01202	0%	0/12	3	19	SA21-8789	10%	1/10	3
20	CR22-02002	0%	0/12	3	20	SA22-4836	13%	1/8	3
21	CR22-02087	100%	11/11	3	21	SA22-5514	0%	0/12	3
22	CR22-02695	0%	0/12	3	22	U21-106185	100%	12/12	3
23	CR22-02986	0%	0/12	3	23	U21-209185	82%	9/11	3
24	CR22-03330	0%	0/12	3	24	U21-209190	100%	12/12	3
25	CR22-05124	92%	11/12	3	25	U21-209208	55%	6/11	3
26	CR22-05145	0%	0/12	3	26	U21-363171	100%	10/10	3
27	CR22-05590	100%	12/12	3	27	U22-902008	67%	8/12	3
28	LD22-10623	0%	0/12	3	28	U22-904058	42%	5/12	3
29	LD22-10787	0%	0/12	3	29	U22-904081	90%	9/10	3
30	LD22-10993	100%	12/12	3	30	U22-906028	0%	0/12	3
31	LD22-1645	0%	0/11	3	31	U22-907088	73%	8/11	3
32	LD22-1697	100%	12/12	3	32	U22-911087	0%	0/10	3
33	LD22-2131	0%	0/12	3	33	U22-911092	0%	0/12	3
34	LD22-2604	100%	12/12	3	34	U22-913035	0%	0/11	3
35	LD22-5162	0%	0/12	3	35	U22-915050	25%	3/12	3
36	LD22-9564	9%	1/11	3	36	U22-928026	100%	12/12	3
37	LD22-9909	0%	0/12	3					
38	ORC 138-7	92%	11/12	3					
39	ORC 141-17	0%	0/12	3					
40	ORC 8024	50%	4/8	3					
					UT IV				
					1	LD15-3818 (IV)	18%	2/11	4
					2	LD07-3395bf (SCN)	100%	12/12	4
					3	K18-1994	100%	12/12	4
					4	CR20-5030	100%	11/11	4
					5	CR21-02084	0%	0/10	4
					6	CR21-02090	100%	12/12	4
					7	LD20-11748	0%	0/10	4
					8	LD21-2459	0%	0/11	4
					9	LD21-5922	100%	12/12	4
					10	LD21-7183	83%	10/12	4
					11	LD22-10180	100%	11/11	4
					12	LD22-10268	100%	12/12	4
					13	LD22-10592	100%	11/11	4
PT III B									
1	U19-604203 (III)	8%	1/12	3					
2	U14-910097 (SCN)	100%	12/12	3					
3	LD18-6596	0%	0/12	3					
4	LD07-3395bf (SCN)	100%	12/12	3					
5	HM22-61151	100%	11/11	3					
6	HM22-61240	67%	8/12	3					
7	HM22-P1216	67%	8/12	3					
8	HM23-74202	25%	3/12	3					
9	HM23-74293	20%	2/10	3					

2025 Phytophthora Screening Results - ISA 124 C-1 Race 1 (7)

Entry Strain		% Dead	# D/T	Test Group	Entry Strain		% Dead	# D/T	Test Group
UT IV					23	K22-1452	0%	0/12	4
14	LD22-10772	0%	0/12	4	24	K22-1529	0%	0/12	4
15	LD22-10866	0%	0/11	4	25	LG21-2835	100%	11/11	4
16	LD22-10880	0%	0/7	4	26	LG22-3432	100%	9/9	4
17	LD22-10986	92%	11/12	4	27	LG22-3752	100%	10/10	4
18	LD22-2372	0%	0/10	4	28	LG22-3919	13%	1/8	4
19	LD22-6011	0%	0/10	4	29	LG22-3920	0%	0/10	4
20	LD22-6253	0%	0/8	4	30	LG22-4785	0%	0/10	4
21	LD22-6446	0%	0/7	4	31	LG22-4870	92%	11/12	4
22	LG21-2490	100%	12/12	4	32	LG22-5041	100%	9/9	4
23	LG21-2844	100%	11/11	4	33	SA19-8221	100%	10/10	4
24	LW18-14009	90%	9/10	4	34	SA21-3592	0%	0/12	4
25	SA19-5082	0%	0/10	4	35	SA21-5842	10%	1/10	4
26	SA21-3047	100%	11/11	4	36	SA22-4986	100%	12/12	4
27	SA21-3530	0%	0/11	4	37	SA22-5072	0%	0/9	4
28	SA21-3590	0%	0/12	4	38	SA22-6057	67%	6/9	4
29	SA21-4168	0%	0/12	4					
PT IV					UT 0 TM				
1	LD15-3818 (IV)	18%	2/11	4	1	ND Dickey (0)	0%	0/8	5
2	LD07-3395bf (SCN)	100%	12/12	4	2	AG03XF2	8%	1/12	5
3	K18-1994	100%	12/12	4	3	ND15-22873	100%	12/12	5
4	CR22-02115	100%	12/12	4	4	MN1511CN (SCN)	0%	0/11	5
5	CR22-02235	100%	11/11	4	5	M18-151014	22%	2/9	5
6	CR22-02587	0%	0/12	4	6	M18-154059	27%	3/11	5
7	CR22-02827	0%	0/11	4	7	M18-200026	0%	0/11	5
8	CR22-03094	0%	0/8	4	8	M18-224022	100%	11/11	5
9	CR22-03875	0%	0/10	4	9	M19-117001	0%	0/11	5
10	CR22-04619	0%	0/8	4	10	M19-133021	91%	10/11	5
11	CR22-04963	75%	9/12	4	11	M19-137021	0%	0/11	5
12	CR22-05016	0%	0/12	4	12	M19-137024	0%	0/12	5
13	CR22-05577	0%	0/7	4	13	M19-210017	33%	3/9	5
14	CR22-05598	100%	10/10	4	14	M19-210028	80%	8/10	5
15	K21-1590	100%	12/12	4	15	M19-210039	56%	5/9	5
16	K22-1132	0%	0/10	4	16	ND18-20092(GT SCN)	17%	2/12	5
17	K22-1186	n/a	n/a	4	17	ND23-43033HO	10%	1/10	5
18	K22-1214	73%	8/11	4	18	ND23-43036HO	17%	1/6	5
19	K22-1291	0%	0/8	4	19	ND23-43042HO	0%	0/7	5
20	K22-1313	0%	0/7	4	20	ND23-43063HO	20%	2/10	5
21	K22-1392	90%	9/10	4	21	ND23-44056HO	0%	0/7	5
22	K22-1407	100%	8/8	4	22	ND23-44074HO	0%	0/10	5

2025 Phytophthora Screening Results - ISA 124 C-1 Race 1 (7)

Entry	Strain	% Dead	# D/T	Test Group	Entry	Strain	% Dead	# D/T	Test Group
UT I TM					UT III TM				
1	MN1511CN (SCN)	0%	0/11	5	1	U19-604203 (III)	0%	0/12	5
2	AG10XF4	0%	0/10	5	2	AG25XF3	0%	0/9	5
3	AG17XF5	0%	0/11	5	3	LD18-6596	0%	0/12	5
4	MN1905CN	100%	11/11	5	4	AG37XF1	0%	0/11	5
5	M08-362051HOLL-4	100%	12/12	5	5	LD21-3593	75%	9/12	5
6	M08-362051HOLL-5	100%	12/12	5	6	LD21-9470	83%	10/12	5
7	M08-362051HOLL-7	82%	9/11	5	7	LD22-3011502	0%	0/12	5
8	M17R-306019	82%	9/11	5	8	LD22-3011503	9%	1/11	5
9	M18-113012	100%	8/8	5	9	LD22-6492	100%	11/11	5
10	M19-160019	42%	5/12	5	10	LD22-6696	91%	10/11	5
11	M19-206050	83%	10/12	5	11	LD22-6750	90%	9/10	5
12	M19-240006	67%	6/9	5	12	LD22-7792	0%	0/12	5
13	M19-240008	100%	11/11	5	13	LD22-7819	0%	0/8	5
UT II TM					14	LD22-8057	0%	0/9	5
1	IA2102 (II)	100%	11/11	5	15	LD22-9986	100%	12/12	5
2	AG17XF5	0%	0/11	5	16	LD23-20801-1	0%	0/8	5
3	AG25XF3	0%	0/9	5	17	LD23-20801-5	0%	0/9	5
4	U14-910097 (SCN)	75%	9/12	5	18	SA22-1365	100%	7/7	5
5	E20316T	91%	10/11	5	UT IV TM				
6	E21062T	17%	2/12	5	1	LD15-3818 (IV)	8%	1/12	5
7	E21378HOS	67%	8/12	5	2	LD07-3395bf (SCN)	91%	10/11	5
8	E22296	33%	4/12	5	3	AG37XF1	0%	0/11	5
9	E23136HOS	100%	12/12	5	4	AG42XF4	0%	0/11	5
10	E23142HOS	100%	12/12	5	5	LD20-12210	100%	12/12	5
11	E23180HOS	73%	8/11	5	6	LD21-3582	83%	10/12	5
12	E23194	0%	0/12	5	7	LD22-3014005	100%	11/11	5
13	LD21-7914	100%	12/12	5	8	LD22-8411	0%	0/11	5
14	LD22-2020304	0%	0/12	5	9	LD22-8586	0%	0/11	5
15	LD22-2020311	0%	0/12	5	10	LD22-8851	100%	12/12	5
16	LD22-2020314	0%	0/12	5	11	SA21-10247	100%	11/11	5
17	LD22-2020405	0%	0/11	5	12	SA22-1623	45%	5/11	5
18	LD22-3010202	100%	12/12	5	13	SA22-2166	0%	0/8	5
19	LD22-3011602	0%	0/12	5	14	SA22-2168	0%	0/9	5
20	LD23-11028	0%	0/12	5					
21	LD23-11029	0%	0/11	5					

2025 Phytophthora Screening Results - All Other Races

Test	Entry	Strain	Isolate: ISA 124 C-1 Race 1 (7)		Dorrance Race 3 (1a, 7)		P1754 Race 4 (1a, 1c, 7)	
			% Dead	# D/T	% Dead	# D/T	% Dead	# D/T
UT 0	1	ND Dickey (0)	0%	0/11	0%	0/11	45%	5/11
UT 0	2	MN0095	0%	0/12	91%	10/11	55%	6/11
UT 0	3	MN0507CN (SCN)	0%	0/9	50%	3/6	78%	7/9
UT 0	4	MN1511CN (SCN)	0%	0/9	0%	0/10	50%	6/12
UT 0	5	M17-148028	100%	12/12	50%	6/12	20%	2/10
UT 0	6	M17-152020	33%	4/12	33%	3/9	42%	5/12
UT 0	16	ND20-12680	10%	1/10	0%	0/7	0%	0/12
UT 0	17	ND20-14884	0%	0/12	0%	0/8	11%	1/9
UT 0	18	ND21-16321	44%	4/9	22%	2/9	20%	2/10
UT 0	19	ND21-16580	0%	0/12	0%	0/7	14%	1/7
UT I	1	MN1511CN (SCN) (I)	0%	0/9	0%	0/10	50%	6/12
UT I	2	ND Dickey (0)	0%	0/11	0%	0/11	45%	5/11
UT I	3	E15338	8%	1/12	0%	0/11	0%	0/11
UT I	4	MN1905CN	100%	12/12	67%	8/12	73%	8/11
UT I	5	A18209-26	100%	12/12	50%	6/12	45%	5/11
UT I	9	A18325-2Y	0%	0/12	0%	0/10	0%	0/12
UT I	10	A18372-90	0%	0/12	0%	0/11	0%	0/13
UT I	11	E20078	0%	0/11	42%	5/12	100%	12/12
UT I	14	M18-105005	17%	2/12	17%	2/12	22%	2/9
UT I	15	M18-167057	83%	10/12	67%	8/12	75%	9/12
UT I	16	ORC 5023	0%	0/12	0%	0/12	0%	0/12
UT II	1	IA2102 (II)	100%	11/11	58%	7/12	58%	7/12
UT II	2	MN1905CN	100%	12/12	67%	8/12	73%	8/11
UT II	3	LD17-2558 (SCN)	67%	8/12	33%	4/12	0%	0/12
UT II	4	U14-910097 (SCN)	50%	6/12	27%	3/11	9%	1/11
UT II	11	A18207-54	0%	0/12	0%	0/12	9%	1/11
UT II	13	E20329	0%	0/12	0%	0/11	0%	0/12
UT II	14	E21107	0%	0/12	0%	0/12	0%	0/11
UT II	15	E21109	22%	2/9	0%	0/11	0%	0/11
UT II	16	E21125	0%	0/11	18%	2/11	40%	4/10
UT II	17	E21127	0%	0/12	9%	1/11	25%	3/12
UT II	18	LD20-0815	0%	0/12	0%	0/9	0%	0/10
UT II	19	LD20-11062	0%	0/11	0%	0/12	64%	7/11
UT II	21	LD20-4542	42%	5/12	0%	0%	40%	4/10
UT II	22	LD20-5172	0%	0/10	0%	0/12	10%	1/10
UT II	23	LD20-5738	100%	12/12	30%	3/10	45%	5/11
UT II	26	LD22-4111	0%	0/12	0%	0/12	58%	7/12
UT II	27	LD22-4283	100%	12/12	58%	7/12	67%	8/12
UT II	30	U20-137354	25%	3/12	8%	1/12	0%	0/12

2025 Phytophthora Screening Results - All Other Races

Test	Entry	Strain	Isolate:		Dorrance Race 7 (1a, 3a, 6,7)		Dorrance Race 17 (1b,1d, 3a, 6, 7)		Dorrance Race 25 (1a, 1b, 1c, 1k, 7)	
			% Dead	# D/T	% Dead	# D/T	% Dead	# D/T		
UT 0	1	ND Dickey (0)	0%	0/11	0%	0/10	63%	5/8		
UT 0	2	MN0095	100%	12/12	0%	0/9	55%	6/11		
UT 0	3	MN0507CN (SCN)	100%	12/12	0%	0/10	83%	10/12		
UT 0	4	MN1511CN (SCN)	18%	2/11	0%	0/7	80%	8/10		
UT 0	5	M17-148028	91%	10/11	100%	12/12	70%	7/10		
UT 0	6	M17-152020	100%	11/11	17%	2/12	55%	6/11		
UT 0	16	ND20-12680	100%	11/11	100%	8/8	17%	2/12		
UT 0	17	ND20-14884	0%	0/10	0%	0/8	56%	5/9		
UT 0	18	ND21-16321	100%	9/9	100%	10/10	43%	3/7		
UT 0	19	ND21-16580	0%	0/9	0%	0/10	78%	7/9		
UT I	1	MN1511CN (SCN) (I)	18%	2/11	0%	0/7	80%	8/10		
UT I	2	ND Dickey (0)	0%	0/11	0%	0/10	63%	5/8		
UT I	3	E15338	18%	2/11	0%	0/11	82%	9/11		
UT I	4	MN1905CN	100%	10/10	100%	12/12	75%	9/12		
UT I	5	A18209-26	100%	12/12	92%	11/12	100%	12/12		
UT I	9	A18325-2Y	27%	3/11	27%	3/11	92%	11/12		
UT I	10	A18372-90	20%	2/10	9%	1/11	9%	1/11		
UT I	11	E20078	100%	12/12	0%	0/10	100%	9/9		
UT I	14	M18-105005	75%	9/12	0%	0/10	100%	11/11		
UT I	15	M18-167057	100%	12/12	75%	9/12	67%	8/12		
UT I	16	ORC 5023	100%	8/8	83%	10/12	0%	0/11		
UT II	1	IA2102 (II)	92%	11/12	100%	11/11	64%	7/11		
UT II	2	MN1905CN	100%	10/10	100%	12/12	75%	9/12		
UT II	3	LD17-2558 (SCN)	82%	9/11	100%	11/11	25%	2/8		
UT II	4	U14-910097 (SCN)	100%	11/11	100%	10/10	9%	1/11		
UT II	11	A18207-54	0%	0/12	0%	0/12	75%	9/12		
UT II	13	E20329	0%	0/11	64%	7/11	82%	9/11		
UT II	14	E21107	0%	0/11	0%	0/12	83%	10/12		
UT II	15	E21109	20%	2/10	20%	2/10	60%	6/10		
UT II	16	E21125	91%	10/11	0%	0/12	0%	0/9		
UT II	17	E21127	70%	7/10	0%	0/12	10%	1/10		
UT II	18	LD20-0815	0%	0/10	55%	6/11	55%	6/11		
UT II	19	LD20-11062	0%	0/12	10%	1/10	80%	8/10		
UT II	21	LD20-4542	42%	5/12	75%	9/12	91%	10/11		
UT II	22	LD20-5172	14%	1/7	0%	0/10	30%	3/10		
UT II	23	LD20-5738	100%	11/11	100%	10/10	31%	4/13		
UT II	26	LD22-4111	0%	0/11	0%	0/12	9%	1/11		
UT II	27	LD22-4283	100%	12/12	100%	11/11	73%	8/11		
UT II	30	U20-137354	100%	12/12	100%	12/12	0%	0/12		

2025 Phytophthora Screening Results - All Other Races

Test	Entry	Strain	Isolate: ISA 124 C-1 Race 1 (7)		Dorrance Race 3 (1a, 7)		P1754 Race 4 (1a, 1c, 7)	
			% Dead	# D/T	% Dead	# D/T	% Dead	# D/T
UT II	31	U21-902149	0%	0/12	0%	0/11	0%	0/12
UT II	32	U21-915087	0%	0/11	0%	0/11	42%	5/12
UT II	33	U21-915158	9%	1/11	0%	0/12	8%	1/12
UT II	34	U21-931124	0%	0/12	0%	0/12	0%	0/10
UT II	35	U21-934095	9%	1/11	0%	0/12	0%	0/12
UT III	1	U19-604203 (III)	8%	1/12	0%	0/12	0%	0/12
UT III	2	U14-910097 (SCN)	100%	12/12	27%	3/11	9%	1/11
UT III	3	LD18-6596	0%	0/12	0%	0/10	0%	0/11
UT III	4	LD07-3395bf (SCN)	100%	12/12	8%	1/12	50%	5/10
UT III	5	A17102-209	0%	0/10	0%	0/12	73%	8/11
UT III	9	A18361-172	83%	10/12	0%	0/7	33%	3/9
UT III	12	CR21-01659	9%	1/11	0%	0/8	0%	0/7
UT III	13	CR21-01765	8%	1/12	0%	0/10	0%	0/10
UT III	15	LD20-11665	0%	0/12	0%	0/11	0%	0/10
UT III	17	LD21-2688	0%	0/12	0%	0/11	18%	2/11
UT III	18	LD21-3090	100%	11/11	13%	1/8	67%	8/12
UT III	19	LD21-5253	100%	12/12	100%	12/12	83%	10/12
UT III	20	LD21-5547	100%	12/12	0%	0/9	9%	1/11
UT III	21	LD21-5665	100%	12/12	50%	6/12	83%	10/12
UT III	23	LD21-7458	45%	5/11	27%	3/11	50%	6/12
UT III	26	LG21-2680	10%	1/10	0%	0/11	0%	0/7
UT III	27	LG21-2735	80%	8/10	33%	3/9	40%	2/5
UT III	29	LG21-2809	0%	0/12	0%	0/8	67%	6/9
UT III	30	SA19-10687	0%	0/12	0%	0/10	0%	0/8
UT III	31	SA21-4164	0%	0/9	0%	0/11	22%	2/9
UT III	32	U19-053145	67%	8/12	8%	1/12	0%	0/12
UT III	33	U19-274107	55%	6/11	0%	0/8	27%	3/11
UT III	35	U20-307318	20%	2/10	0%	0/12	0%	0/10
UT III	36	U20-914165	0%	0/10	38%	3/8	50%	6/12
UT III	37	U21-916129	82%	9/11	0%	0/11	0%	0/7
UT III	38	U21-930119	0%	0/11	9%	1/11	80%	8/10
UT III	39	U21-930134	9%	1/11	0%	0/12	0%	0/11
UT III	40	U21-933088	58%	7/12	0%	0/12	0%	0/10
UT IV	1	LD15-3818 (IV)	18%	2/11	8%	1/12	58%	7/12
UT IV	2	LD07-3395bf (SCN)	100%	12/12	8%	1/12	50%	5/10
UT IV	3	K18-1994	100%	12/12	38%	3/8	78%	7/9
UT IV	4	CR20-5030	100%	11/11	33%	4/12	60%	6/10
UT IV	5	CR21-02084	0%	0/10	0%	0/8	0%	0/10
UT IV	7	LD20-11748	0%	0/10	0%	0/10	82%	9/11

2025 Phytophthora Screening Results - All Other Races

Test	Entry	Strain	Isolate: Dorrance Race 7 (1a, 3a, 6,7)		Dorrance Race 17 (1b,1d, 3a, 6, 7)		Dorrance Race 25 (1a, 1b, 1c, 1k, 7)	
			% Dead	# D/T	% Dead	# D/T	% Dead	# D/T
UT II	31	U21-902149	100%	12/12	100%	12/12	0%	0/12
UT II	32	U21-915087	0%	0/11	0%	0/10	18%	2/11
UT II	33	U21-915158	100%	11/11	100%	12/12	0%	0/11
UT II	34	U21-931124	0%	0/11	0%	0/12	0%	0/11
UT II	35	U21-934095	0%	0/12	0%	0/12	0%	0/11
UT III	1	U19-604203 (III)	0%	0/10	0%	0/12	0%	0/9
UT III	2	U14-910097 (SCN)	100%	11/11	100%	10/10	9%	1/11
UT III	3	LD18-6596	92%	11/12	22%	2/9	90%	9/10
UT III	4	LD07-3395bf (SCN)	100%	10/10	100%	12/12	36%	4/11
UT III	5	A17102-209	10%	1/10	0%	0/9	0%	0/10
UT III	9	A18361-172	83%	10/12	55%	6/11	0%	0/8
UT III	12	CR21-01659	17%	1/6	67%	8/12	45%	5/11
UT III	13	CR21-01765	100%	12/12	100%	12/12	0%	0/11
UT III	15	LD20-11665	0%	0/10	18%	2/11	36%	4/11
UT III	17	LD21-2688	0%	0/12	0%	0/11	70%	7/10
UT III	18	LD21-3090	100%	12/12	100%	12/12	8%	1/12
UT III	19	LD21-5253	100%	12/12	100%	12/12	75%	9/12
UT III	20	LD21-5547	75%	9/12	100%	12/12	58%	7/12
UT III	21	LD21-5665	100%	12/12	100%	12/12	64%	7/11
UT III	23	LD21-7458	100%	12/12	45%	5/11	64%	7/11
UT III	26	LG21-2680	0%	0/10	40%	4/10	38%	3/8
UT III	27	LG21-2735	27%	3/11	25%	2/8	75%	6/8
UT III	29	LG21-2809	0%	0/9	0%	0/8	64%	7/11
UT III	30	SA19-10687	25%	3/12	73%	8/11	18%	2/11
UT III	31	SA21-4164	9%	1/11	11%	1/9	60%	6/10
UT III	32	U19-053145	100%	12/12	100%	12/12	0%	0/12
UT III	33	U19-274107	92%	11/12	100%	11/11	0%	0/11
UT III	35	U20-307318	92%	11/12	100%	10/10	22%	2/9
UT III	36	U20-914165	75%	9/12	0%	0/9	100%	12/12
UT III	37	U21-916129	100%	11/11	100%	9/9	0%	0/11
UT III	38	U21-930119	8%	1/12	33%	4/12	82%	9/11
UT III	39	U21-930134	0%	0/12	0%	0/12	0%	0/12
UT III	40	U21-933088	100%	11/11	100%	11/11	0%	0/11
UT IV	1	LD15-3818 (IV)	92%	11/12	0%	0/12	58%	7/12
UT IV	2	LD07-3395bf (SCN)	100%	10/10	100%	12/12	36%	4/11
UT IV	3	K18-1994	100%	11/11	100%	10/10	89%	8/9
UT IV	4	CR20-5030	100%	12/12	100%	12/12	90%	9/10
UT IV	5	CR21-02084	100%	12/12	100%	11/11	0%	0/9
UT IV	7	LD20-11748	100%	12/12	0%	0/11	92%	11/12

2025 Phytophthora Screening Results - All Other Races

Test	Entry	Strain	Isolate: ISA 124 C-1 Race 1 (7)		Dorrance Race 3 (1a, 7)		P1754 Race 4 (1a, 1c, 7)	
			% Dead	# D/T	% Dead	# D/T	% Dead	# D/T
UT IV	8	LD21-2459	0%	0/11	18%	2/11	18%	2/11
UT IV	9	LD21-5922	100%	12/12	0%	0/9	22%	2/9
UT IV	16	LD22-10880	0%	0/7	0%	0/11	13%	1/8
UT IV	25	SA19-5082	0%	0/10	0%	0/11	0%	0/12
UT IV	27	SA21-3530	0%	0/11	0%	0/10	73%	8/11
UT IV	28	SA21-3590	0%	0/12	0%	0/12	55%	6/11
UT IV	29	SA21-4168	0%	0/12	45%	5/11	17%	2/12
UT 0 TM	1	ND Dickey (0)	0%	0/8	0%	0/11	45%	5/11
UT 0 TM	2	AG03XF2	8%	1/12	63%	5/8	60%	6/10
UT 0 TM	3	ND15-22873	100%	12/12	0%	0/9	80%	8/10
UT 0 TM	4	MN1511CN (SCN)	0%	0/11	0%	0/10	50%	6/12
UT 0 TM	5	M18-151014	22%	2/9	0%	0/11	50%	5/10
UT 0 TM	6	M18-154059	27%	3/11	0%	0/7	9%	1/11
UT 0 TM	7	M18-200026	0%	0/11	0%	0/10	0%	0/8
UT 0 TM	16	ND18-20092(GT SCN)	17%	2/12	0%	0/12	0%	0/10
UT I TM	1	MN1511CN (SCN)	0%	0/11	0%	0/9	50%	6/12
UT I TM	2	AG10XF4	0%	0/10	0%	0/11	75%	9/12
UT I TM	3	AG17XF5	0%	0/11	22%	2/9	60%	6/10
UT I TM	4	MN1905CN	100%	11/11	67%	8/12	73%	8/11
UT I TM	8	M17R-306019	82%	9/11	0%	0/12	38%	3/8
UT II TM	1	IA2102 (II)	100%	11/11	58%	7/12	58%	7/12
UT II TM	2	AG17XF5	0%	0/11	22%	2/9	60%	6/10
UT II TM	3	AG25XF3	0%	0/9	27%	3/11	25%	2/8
UT II TM	4	U14-910097 (SCN)	75%	9/12	27%	3/11	9%	1/11
UT II TM	6	E21062T	17%	2/12	0%	0/11	0%	0/11
UT II TM	8	E22296	33%	4/12	25%	3/12	33%	4/12
UT III TM	1	U19-604203 (III)	0%	0/12	0%	0/12	0%	0/12
UT III TM	2	AG25XF3	0%	0/9	27%	3/11	25%	2/8
UT III TM	3	LD18-6596	0%	0/12	0%	0/12	0%	0/10
UT III TM	4	AG37XF1	0%	0/11	0%	0/8	83%	10/12
UT III TM	5	LD21-3593	75%	9/12	0%	0/10	55%	6/11
UT III TM	16	LD23-20801-1	0%	0/8	0%	0/9	0%	0/10

2025 Phytophthora Screening Results - All Other Races

Test	Entry	Strain	Isolate: Dorrance Race 7 (1a, 3a, 6,7)		Dorrance Race 17 (1b,1d, 3a, 6, 7)		Dorrance Race 25 (1a, 1b, 1c, 1k, 7)	
			% Dead	# D/T	% Dead	# D/T	% Dead	# D/T
UT IV	8	LD21-2459	0%	0/11	0%	0/12	10%	1/10
UT IV	9	LD21-5922	100%	12/12	100%	10/10	78%	7/9
UT IV	16	LD22-10880	20%	2/10	0%	0/12	45%	5/11
UT IV	25	SA19-5082	42%	5/12	9%	1/11	83%	10/12
UT IV	27	SA21-3530	33%	4/12	0%	0/12	75%	9/12
UT IV	28	SA21-3590	0%	0/10	9%	1/11	88%	7/8
UT IV	29	SA21-4168	0%	0/12	0%	0/11	40%	4/10
UT 0 TM	1	ND Dickey (0)	0%	0/11	0%	0/10	63%	5/8
UT 0 TM	2	AG03XF2	9%	1/11	0%	0/10	27%	3/11
UT 0 TM	3	ND15-22873	100%	10/10	100%	12/12	82%	9/11
UT 0 TM	4	MN1511CN (SCN)	18%	2/11	0%	0/7	80%	8/10
UT 0 TM	5	M18-151014	82%	9/11	64%	7/11	70%	7/10
UT 0 TM	6	M18-154059	83%	10/12	55%	6/11	3/11	3/11
UT 0 TM	7	M18-200026	20%	2/10	18%	2/11	80%	8/10
UT 0 TM	16	ND18-20092(GT SCN)	100%	12/12	100%	10/10	0%	0/9
UT I TM	1	MN1511CN (SCN)	18%	2/11	0%	0/7	80%	8/10
UT I TM	2	AG10XF4	0%	0/8	0%	0/11	30%	3/10
UT I TM	3	AG17XF5	8%	1/12	0%	0/10	0%	0/11
UT I TM	4	MN1905CN	100%	10/10	100%	12/12	75%	9/12
UT I TM	8	M17R-306019	67%	8/12	80%	8/10	64%	7/11
UT II TM	1	IA2102 (II)	92%	11/12	100%	11/11	64%	7/11
UT II TM	2	AG17XF5	8%	1/12	0%	0/10	0%	0/11
UT II TM	3	AG25XF3	0%	0/11	10%	1/10	33%	3/9
UT II TM	4	U14-910097 (SCN)	100%	11/11	100%	10/10	9%	1/11
UT II TM	6	E21062T	33%	4/12	0%	0/12	9%	1/11
UT II TM	8	E22296	50%	6/12	45%	5/11	67%	8/12
UT III TM	1	U19-604203 (III)	0%	0/10	0%	0/12	0%	0/9
UT III TM	2	AG25XF3	0%	0/11	10%	1/10	33%	3/9
UT III TM	3	LD18-6596	0%	0/10	8%	1/12	45%	5/11
UT III TM	4	AG37XF1	0%	0/10	0%	0/10	22%	2/9
UT III TM	5	LD21-3593	36%	4/11	33%	4/12	64%	7/11
UT III TM	16	LD23-20801-1	0%	0/11	0%	0/9	38%	3/8

2025 Phytophthora Screening Results -Differential Scores (Race 1)

Isolate:		ISA 124 C-1 Race 1 (7)					
Date rated:		Group 1 - 06/16/2025		Group 2 - 06/19/2025		Group 3 - 06/19/2025	
Differential	Rps gene	% Dead	# D/T	% Dead	# D/T	% Dead	# D/T
Williams	rps	100%	12/12	100%	12/12	92%	11/12
Union	1a	0%	0/10	0%	0/11	8%	1/12
L77-1863	1b	8%	1/12	0%	0/10	0%	0/12
L75-3735	1c	0%	0/9	0%	0/12	0%	0/12
PI 103091	1d	45%	5/11	50%	4/8	44%	4/9
Williams 82	1k	0%	0/10	0%	0/12	9%	1/11
L82-1449	2	0%	0/12	8%	1/12	58%	7/12
PI 171442	3a	0%	0/12	0%	0/11	40%	4/10
L91-8347	3b	0%	0/12	0%	0/8	8%	1/12
PRX 145-48	3c	25%	3/12	27%	3/11	75%	9/12
L85-2352	4	25%	3/12	0%	0/12	55%	6/11
L85-3059	5	8%	1/12	0%	0/10	45%	5/11
L89-1581	6	8%	1/12	18%	2/11	42%	5/12
L93-3258	7	100%	11/11	92%	11/12	100%	12/12
PI 399073	8	0%	0/10	14%	1/7	75%	9/12

Isolate:		ISA 124 C-1 Race 1 (7)			
Date rated:		Group 4 - 06/25/2025		Group 5 - 06/27/2025	
Differential	Rps gene	% Dead	# D/T	% Dead	# D/T
Williams	rps	100%	10/10	82%	9/11
Union	1a	0%	0/12	0%	0/11
L77-1863	1b	0%	0/8	0%	0/12
L75-3735	1c	0%	0/8	0%	0/12
PI 103091	1d	44%	4/9	13%	1/8
Williams 82	1k	0%	0/12	0%	0/12
L82-1449	2	18%	2/11	0%	0/12
PI 171442	3a	0%	0/11	0%	0/11
L91-8347	3b	0%	0/11	0%	0/12
PRX 145-48	3c	17%	2/12	25%	3/12
L85-2352	4	0%	0/12	0%	0/11
L85-3059	5	8%	1/12	8%	1/12
L89-1581	6	0%	0/10	8%	1/12
L93-3258	7	100%	12/12	100%	12/12
PI 399073	8	18%	2/11	0%	0/10

2025 Phytophthora Screening Results - Differential Scores (All Other Races)

Differential Name	Isolate: Date rated: Rps gene	Dorrance Race 3 (1a, 7)		P1754 Race 4 (1a, 1c, 7)		Dorrance Race 7 (1a, 3a, 6,7)	
		7/2/2025		8/13/2025		7/8/2025	
		% Dead	# D/T	% Dead	# D/T	% Dead	# D/T
Williams	rps	73%	8/11	67%	8/12	82%	9/11
Union	1a	67%	8/12	60%	6/10	89%	8/9
L77-1863	1b	0%	0/12	0%	0/12	89%	8/9
L75-3735	1c	0%	0/12	50%	6/12	25%	2/8
PI 103091	1d	0%	0/12	0%	0/8	71%	5/7
Williams 82	1k	0%	0/11	0%	0/12	20%	2/10
L82-1449	2	0%	0/11	0%	0/11	100%	12/12
PI 171442	3a	0%	0/12	0%	0/9	100%	12/12
L91-8347	3b	0%	0/12	0%	0/121	8%	1/12
PRX 145-48	3c	0%	0/12	0%	0/12	100%	11/11
L85-2352	4	0%	0/10	0%	0/11	92%	11/12
L85-3059	5	0%	0/12	0%	0/11	100%	12/12
L89-1581	6	0%	0/11	0%	0/11	82%	9/11
L93-3258	7	67%	6/9	92%	11/12	100%	12/12
PI 399073	8	0%	0/11	0%	0/10	73%	8/11

Differential Name	Isolate: Date rated: Rps gene	Dorrance Race 17 (1b,1d, 3a, 6, 7)		Dorrance Race 25 (1a, 1b, 1c, 1k, 7)	
		7/10/2025		7/17/2025	
		% Dead	# D/T	% Dead	# D/T
Williams	rps	100%	12/12	73%	8/11
Union	1a	0%	0/10	75%	9/12
L77-1863	1b	100%	11/11	91%	10/11
L75-3735	1c	0%	0/11	83%	10/12
PI 103091	1d	88%	7/8	0%	0/9
Williams 82	1k	33%	4/12	83%	10/12
L82-1449	2	100%	12/12	0%	0/10
PI 171442	3a	100%	11/11	0%	0/11
L91-8347	3b	100%	11/11	0%	0/12
PRX 145-48	3c	100%	12/12	0%	0/12
L85-2352	4	100%	11/11	0%	0/12
L85-3059	5	100%	12/12	9%	1/11
L89-1581	6	100%	12/12	0%	0/11
L93-3258	7	100%	11/11	82%	9/11
PI 399073	8	89%	8/9	0%	0/10

Uniform and Preliminary Test Locations, 2025

Non-Traited Tests

Location		Tests Conducted By:	UT						PT			
			00	0	I	II	III	IV	I	II	III	IV
IA	Ames	A. Singh / B. Scott			<u>X</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>	<u>X</u>	
	Lucas	A. Singh / B. Scott				<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>	
	Sutherland	A. Singh / B. Scott			<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>		
IL	Belleville	E. Monteverde / J. Tammen						<u>X</u>				<u>X</u>
	Monmouth	E. Monteverde / J. Tammen				<u>X</u>				<u>X</u>		
	Perry	E. Monteverde / J. Tammen					<u>X</u>				<u>X</u>	
	Savoy	Z. Xu / E. Moody					<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>
	Urbana	E. Monteverde / J. Tammen				<u>X</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>	<u>X</u>
IN	Butlerville	G. Cai / A. Brock					X	X				X
	Wanatah	G. Cai / A. Brock			X	X	X		<u>X</u>			
	West Lafayette	G. Cai / A. Brock			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>	<u>X</u>
KS	Manhattan	W. Schapaugh Jr.						<u>X</u>				<u>X</u>
	Ottawa	W. Schapaugh Jr.						<u>X</u>				<u>X</u>
MI	Britton	D. Wang / R. Laurenz				<u>X</u>						
	East Lansing	D. Wang / R. Laurenz			<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>		
	Saginaw	D. Wang / R. Laurenz			<u>X</u>							
MN	Crookston	A. Lorenz / S. Bhusal	<u>X</u>	<u>X</u>								
	Lamberton	A. Lorenz / S. Bhusal			<u>X</u>				<u>X</u>			
	Moorhead	A. Lorenz / S. Bhusal		<u>X</u>								
	Perley	A. Lorenz / S. Bhusal		<u>X</u>								
	Roseau	A. Lorenz / S. Bhusal	<u>X</u>									
	Rosemount	A. Lorenz / S. Bhusal			<u>X</u>				X			
	Thief River Falls	A. Lorenz / S. Bhusal	<u>X</u>									
	Waseca	A. Lorenz / S. Bhusal			<u>X</u>				<u>X</u>			
MO	Novelty	A. Scaboo / C. Meinhardt					<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>
ND	Abercrombie	C. Dottey / G. Kreutz	<u>X</u>	<u>X</u>								
	Casselton	C. Dottey / G. Kreutz	<u>X</u>	<u>X</u>								
	Galesburg	C. Dottey / G. Kreutz	<u>X</u>	<u>X</u>								
NE	Cook	G. Graef / S. Howser					<u>X</u>				<u>X</u>	
	Cotesfield	G. Graef / S. Howser			X	X			X	X		
	Mead	G. Graef / S. Howser			<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>		
	Steven's Creek	G. Graef / S. Howser					X				X	
	Phillips	G. Graef / S. Howser			<u>X</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>	<u>X</u>	
OH	Hoytville	L. McHale / S. McIntyre				<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>	
ONT	Chatham	M. Eskandari / R. Brandt				<u>X</u>				<u>X</u>		
	Elora	I. Rajcan / N. Secord	<u>X</u>	<u>X</u>								
	Ottawa	E. Cober / S. Lackey	<u>X</u>	<u>X</u>								
	Palmyra	M. Eskandari / R. Brandt			<u>X</u>				<u>X</u>			
	Ridgetown	M. Eskandari / R. Brandt				<u>X</u>						
	St. Marys	I. Rajcan / N. Secord			<u>X</u>				<u>X</u>			
	Woodstock	I. Rajcan / N. Secord			<u>X</u>				<u>X</u>			
QUE	St. Mathieu de Beloeil	L. O'Donoghue	<u>X</u>	<u>X</u>								
SAS	Saskatoon	Warkentin / Daba	<u>X</u>									

X # Locations With Agronomic Data:	10	9	15	15	13	8	13	12	11	8
<u>X</u> # Locations With Protein and Oil Data:	10	9	13	13	10	7	11	11	10	7

Uniform and Preliminary Test Locations, 2025

Traited Tests

Location		Tests Conducted By:	UT-TM				
			0	I	II	III	IV
IA	Ames	A. Singh / B. Scott		<u>X¹</u>	<u>X¹</u>	<u>X¹</u>	
IL	Belleville	E. Monteverde / J. Tammen					<u>X¹</u>
	Monmouth	E. Monteverde / J. Tammen			<u>X¹</u>		
	Perry	E. Monteverde / J. Tammen				<u>X¹</u>	
	Urbana	E. Monteverde / J. Tammen			<u>X¹</u>	<u>X¹</u>	<u>X¹</u>
IN	Butler	G. Cai / A. Brock				<u>X¹</u>	<u>X¹</u>
	Wanatah	G. Cai / A. Brock		<u>X¹</u>	<u>X¹</u>	<u>X¹</u>	
	West Lafayette	G. Cai / A. Brock		<u>X¹</u>	<u>X¹</u>	<u>X¹</u>	<u>X¹</u>
MI	Britton	D. Wang / R. Laurenz			<u>X¹</u>		
	East Lansing	D. Wang / R. Laurenz		<u>X¹</u>	<u>X¹</u>		
	Saginaw	D. Wang / R. Laurenz		<u>X</u>			
MN	Crookston	A. Lorenz / S. Bhusal	<u>X¹</u>				
	Lamberton	A. Lorenz / S. Bhusal		<u>X¹</u>			
	Moorhead	A. Lorenz / S. Bhusal	<u>X¹</u>				
	Perley	A. Lorenz / S. Bhusal	<u>X¹</u>				
	Rosemount	A. Lorenz / S. Bhusal		<u>X¹</u>			
	Waseca	A. Lorenz / S. Bhusal		<u>X¹</u>			
MO	Novelty	A. Scaboo / C. Meinhardt				<u>X¹</u>	<u>X¹</u>
ND	Abercrombie	C. Dottey / G. Kreutz	<u>X¹</u>				
	Casselton	C. Dottey / G. Kreutz	<u>X¹</u>				
	Galesburg	C. Dottey / G. Kreutz	<u>X¹</u>				
X Locations With Agronomic Data:			6	8	7	7	5
X Locations With Protein and Oil Data:			6	8	7	7	5
X¹ Locations With Fatty Acid Data:			6	7	7	7	5
X Locations With Sugar Data:			6	0	7	7	5

Location GPS Coordinates by Test for Reported Data in 2025

Test	State/Province	Location	Latitude (deg)	Longitude (deg)
UT 00	MN	Crookston	47.8193490	-96.6295090
UT 00	MN	Roseau	48.8762370	-95.8240790
UT 00	MN	Thief River Falls	47.9615900	-96.2060700
UT 00	ND	Abercrombie	46.3704750	-96.8501450
UT 00	ND	Casselton	46.8844970	-97.2309680
UT 00	ND	Galesburg	47.3127370	-97.4499550
UT 00	ONT	Elora	43.6481750	-80.4017520
UT 00	ONT	Ottawa-ONT	45.3689770	-75.7250310
UT 00	QUE	Saint-Mathieu-de-Beloeil	45.5860000	-73.2500560
UT 00	SAS	Saskatoon	52.2000000	-106.7000000
UT 0	MN	Crookston	47.8193490	-96.6295090
UT 0	MN	Moorhead	47.0065630	-96.8013940
UT 0	MN	Perley	47.0650230	-96.7122130
UT 0	ND	Abercrombie	46.3704750	-96.8501450
UT 0	ND	Casselton	46.8844970	-97.2309680
UT 0	ND	Galesburg	47.3127370	-97.4499550
UT 0	ONT	Elora	43.6481750	-80.4017520
UT 0	ONT	Ottawa-ONT	45.3726580	-75.7309180
UT 0	QUE	Saint-Mathieu-de-Beloeil	45.5860000	-73.2500560
UT I	IA	Ames	42.0473110	-93.7359240
UT I	IA	Sutherland	42.9306630	-95.5433320
UT I	IN	Wanatah	41.4535929	-86.9442735
UT I	IN	West Lafayette	40.4742169	-86.9931122
UT I	MI	East Lansing	42.6892780	-84.4978890
UT I	MI	Saginaw	43.4131390	-83.8756390
UT I	MN	Lamberton	44.2399700	-95.3059400
UT I	MN	Rosemount	44.7078920	-93.1017560
UT I	MN	Waseca	44.0662150	-93.5275140
UT I	NE	Cotesfield	41.3453000	-98.5945000
UT I	NE	Mead	41.1578000	-96.4186000
UT I	NE	Phillips	40.8472000	-98.1774000
UT I	ONT	Palmyra	42.4832560	-81.7480230
UT I	ONT	St. Marys	43.3296080	-81.1027120
UT I	ONT	Woodstock	43.1414590	-80.8016020

Location GPS Coordinates by Test for Reported Data in 2025

Test	State/Province	Location	Latitude (deg)	Longitude (deg)
PT I	IA	Ames	42.0473110	-93.7359240
PT I	IA	Sutherland	42.9306630	-95.5433320
PT I	IN	Wanatah	41.4535929	-86.9442735
PT I	MI	East Lansing	42.6892780	-84.4978890
PT I	MN	Lamberton	44.2399700	-95.3059400
PT I	MN	Rosemount	44.7078920	-93.1017560
PT I	MN	Waseca	44.0662150	-93.5275140
PT I	NE	Cotesfield	41.3453000	-98.5945000
PT I	NE	Mead	41.1578000	-96.4186000
PT I	NE	Phillips	40.8472000	-98.1774000
PT I	ONT	Palmyra	42.4832560	-81.7480230
PT I	ONT	St. Marys	43.3296080	-81.1027120
PT I	ONT	Woodstock	43.1414590	-80.8016020
UT II	IA	Ames	42.0473110	-93.7359240
UT II	IA	Lucas	40.9710210	-93.4208630
UT II	IA	Sutherland	42.9306630	-95.5433320
UT II	IL	Monmouth	40.9297940	-90.7242980
UT II	IL	Urbana	40.0606290	-88.2350540
UT II	IN	Wanatah	41.4535929	-86.9442735
UT II	IN	West Lafayette	40.4741765	-86.9934564
UT II	MI	Britton	41.9273890	-83.8160280
UT II	MI	East Lansing	42.6892780	-84.4978890
UT II	NE	Cotesfield	41.3453000	-98.5945000
UT II	NE	Mead	41.1578000	-96.4186000
UT II	NE	Phillips	40.8472000	-98.1774000
UT II	OH	Hoytville	41.2125700	-83.7578100
UT II	ONT	Chatham	42.4718990	-82.0616060
UT II	ONT	Ridgetown	42.4548640	-81.8808600
PT II A	IA	Ames	42.0473110	-93.7359240
PT II A	IA	Lucas	40.9710210	-93.4208630
PT II A	IA	Sutherland	42.9306630	-95.5433320
PT II A	IL	Monmouth	40.9297940	-90.7242980
PT II A	IL	Urbana	40.0616900	-88.2351010
PT II A	IN	West Lafayette	40.4741765	-86.9934564
PT II A	MI	East Lansing	42.6892780	-84.4978890
PT II A	NE	Cotesfield	41.3453000	-98.5945000
PT II A	NE	Mead	41.1578000	-96.4186000
PT II A	NE	Phillips	40.8472000	-98.1774000
PT II A	OH	Hoytville	41.2125700	-83.7578100
PT II A	ONT	Chatham	42.4718990	-82.0616060

Location GPS Coordinates by Test for Reported Data in 2025

Test	State/Province	Location	Latitude (deg)	Longitude (deg)
PT II B	IA	Ames	42.0473110	-93.7359240
PT II B	IA	Lucas	40.9710210	-93.4208630
PT II B	IA	Sutherland	42.9306630	-95.5433320
PT II B	IL	Monmouth	40.9297940	-90.7242980
PT II B	IL	Urbana	40.0616900	-88.2351010
PT II B	IN	West Lafayette	40.4741765	-86.9934564
PT II B	MI	East Lansing	42.6892780	-84.4978890
PT II B	NE	Cotesfield	41.3453000	-98.5945000
PT II B	NE	Mead	41.1578000	-96.4186000
PT II B	NE	Phillips	40.8472000	-98.1774000
PT II B	OH	Hoytville	41.2125700	-83.7578100
PT II B	ONT	Chatham	42.4718990	-82.0616060
UT III	IA	Ames	42.0473110	-93.7359240
UT III	IA	Lucas	40.9710210	-93.4208630
UT III	IL	Perry	39.8389444	-90.8222440
UT III	IL	Savoy	40.0608670	-88.2324830
UT III	IL	Urbana	40.0606290	-88.2350540
UT III	IN	Butlerville	39.0349670	-85.5318029
UT III	IN	Wanatah	41.4535929	-86.9442735
UT III	IN	West Lafayette	40.4741502	-86.9940792
UT III	MO	Novelty	39.9430690	-92.0582850
UT III	NE	Cook	40.5112000	-96.1505000
UT III	NE	Phillips	40.8472000	-98.1774000
UT III	NE	Steven's Creek	40.8641000	-96.5971000
UT III	OH	Hoytville	41.2125700	-83.7578100
PT III A	IA	Ames	42.0473110	-93.7359240
PT III A	IA	Lucas	40.9710210	-93.4208630
PT III A	IL	Perry	39.8389444	-90.8222440
PT III A	IL	Savoy	40.0608670	-88.2324830
PT III A	IL	Urbana	40.0606290	-88.2350540
PT III A	IN	West Lafayette	40.4741502	-86.9940792
PT III A	MO	Novelty	39.9430690	-92.0582850
PT III A	NE	Cook	40.5112000	-96.1505000
PT III A	NE	Phillips	40.8472000	-98.1774000
PT III A	NE	Steven's Creek	40.8641000	-96.5971000
PT III A	OH	Hoytville	41.2125700	-83.7578100

Location GPS Coordinates by Test for Reported Data in 2025

Test	State/Province	Location	Latitude (deg)	Longitude (deg)
PT III B	IA	Ames	42.0473110	-93.7359240
PT III B	IA	Lucas	40.9710210	-93.4208630
PT III B	IL	Perry	39.8389444	-90.8222440
PT III B	IL	Savoy	40.0608670	-88.2324830
PT III B	IL	Urbana	40.0606290	-88.2350540
PT III B	IN	West Lafayette	40.4741502	-86.9940792
PT III B	MO	Novelty	39.9430690	-92.0582850
PT III B	NE	Cook	40.5112000	-96.1505000
PT III B	NE	Phillips	40.8472000	-98.1774000
PT III B	NE	Steven's Creek	40.8641000	-96.5971000
PT III B	OH	Hoytville	41.2125700	-83.7578100
UT IV	IL	Belleville	38.3829934	-89.8947751
UT IV	IL	Savoy	40.0608670	-88.2324830
UT IV	IL	Urbana	40.0606290	-88.2350540
UT IV	IN	Butlerville	39.0349670	-85.5318029
UT IV	IN	West Lafayette	40.4741854	-86.9945455
UT IV	KS	Manhattan	39.1404700	-96.6293600
UT IV	KS	Ottawa-KS	38.5446100	-95.2477900
UT IV	MO	Novelty	39.9430690	-92.0582850
PT IV	IL	Belleville	38.3829934	-89.8947751
PT IV	IL	Savoy	40.0608670	-88.2324830
PT IV	IL	Urbana	40.0606290	-88.2350540
PT IV	IN	Butlerville	39.0349670	-85.5318029
PT IV	IN	West Lafayette	40.4741854	-86.9945455
PT IV	KS	Manhattan	39.1404700	-96.6293600
PT IV	KS	Ottawa-KS	38.5446100	-95.2477900
PT IV	MO	Novelty	39.9430690	-92.0582850

Location GPS Coordinates by Test for Reported Data in 2025

Test	State/Province	Location	Latitude (deg)	Longitude (deg)
UT 0 TM	MN	Crookston	47.8193490	-96.6295090
UT 0 TM	MN	Moorhead	47.0065630	-96.8013940
UT 0 TM	MN	Perley	47.0650230	-96.7122130
UT 0 TM	ND	Abercrombie	46.3704750	-96.8501450
UT 0 TM	ND	Casselton	46.8844970	-97.2309680
UT 0 TM	ND	Galesburg	47.3127370	-97.4499550
UT I TM	IA	Ames	42.0473110	-93.7359240
UT I TM	IN	Wanatah	41.4535929	-86.9442735
UT I TM	IN	West Lafayette	40.4742169	-86.9931122
UT I TM	MI	East Lansing	42.6892780	-84.4978890
UT I TM	MI	Saginaw	43.4131390	-83.8756390
UT I TM	MN	Lamberton	44.2399700	-95.3059400
UT I TM	MN	Rosemount	44.7078920	-93.1017560
UT I TM	MN	Waseca	44.0662150	-93.5275140
UT II TM	IA	Ames	42.0473110	-93.7359240
UT II TM	IL	Monmouth	40.9297940	-90.7242980
UT II TM	IL	Urbana	40.0606290	-88.2350540
UT II TM	IN	Wanatah	41.4535929	-86.9442735
UT II TM	IN	West Lafayette	40.4741765	-86.9934564
UT II TM	MI	Britton	41.9273890	-83.8160280
UT II TM	MI	East Lansing	42.6892780	-84.4978890
UT III TM	IA	Ames	42.0473110	-93.7359240
UT III TM	IL	Perry	39.8389444	-90.8222440
UT III TM	IL	Urbana	40.0606290	-88.2350540
UT III TM	IN	Butlerville	39.0349670	-85.5318029
UT III TM	IN	Wanatah	41.4535929	-86.9442735
UT III TM	IN	West Lafayette	40.4741502	-86.9940792
UT III TM	MO	Novelty	39.9430690	-92.0582850
UT IV TM	IL	Belleville	38.3829934	-89.8947751
UT IV TM	IL	Urbana	40.0606290	-88.2350540
UT IV TM	IN	Butlerville	39.0349670	-85.5318029
UT IV TM	IN	West Lafayette	40.4741854	-86.9945455
UT IV TM	MO	Novelty	39.9430690	-92.0582850

Uniform and Preliminary Test Locations Monthly Rainfall Data, 2025

Location		Monthly Rainfall (inches)					
		May	June	July	August	September	October
IA	Ames	3.2	6.2	10.6	3.7	1.2	3.2
	Lucas	2.2	5.9	9.1	2.3	1.7	2.2
	Sutherland	1.8	6.2	9.3	1.9	0.8	1.6
IL	Belleville	4.4	3.0	6.9	0.4	1.5	4.7
	Monmouth	3.2	3.8	8.1	1.1	0.6	1.7
	Perry	3.8	5.2	9.0	0.2	1.1	1.9
	Savoy	3.3	2.8	3.5	1.6	2.0	1.6
	Urbana	3.3	2.8	3.5	1.6	2.0	1.6
IN	Butler	4.3	5.1	8.9	1.2	2.3	4.8
	Wanatah	2.8	4.0	4.3	2.3	2.3	2.7
	West Lafayette	3.2	3.6	3.9	2.6	2.3	1.5
KS	Manhattan	3.1	6.5	3.0	3.0	3.0	2.1
	Ottawa	5.7	6.0	4.7	1.8	2.9	3.0
MI	Britton	4.7	5.3	3.8	3.1	2.6	1.7
	East Lansing	4.5	3.3	3.6	1.3	1.8	4.2
	Saginaw	4.4	3.0	2.1	3.1	3.0	3.8
MN	Crookston	2.2	1.6	4.5	2.7	1.8	2.7
	Lamberton	2.5	4.4	6.5	5.9	1.7	1.5
	Moorhead	3.0	3.8	1.7	3.4	1.4	2.0
	Perley	3.1	3.8	2.3	2.8	1.7	2.1
	Roseau	1.2	1.8	6.1	2.1	2.1	5.1
	Rosemount	3.7	6.7	4.5	4.2	5.2	1.5
	Thief River Falls	2.0	1.7	4.0	2.0	2.3	3.0
	Waseca	3.5	7.5	7.6	9.9	1.4	1.7
MO	Novelty	2.8	4.9	6.0	1.8	2.5	2.5
ND	Abercrombie	4.0	4.7	4.5	3.1	1.5	1.3
	Casselton	2.4	3.8	2.3	6.2	1.3	1.4
	Galesburg	2.7	2.1	5.4	1.9	1.0	1.9
NE	Cook	2.8	4.5	5.6	3.0	4.9	3.3
	Cotesfield	4.8	13.5	6.8	3.3	2.7	0.9
	Mead	2.8	5.2	6.7	4.6	3.7	1.7
	Phillips	2.8	7.4	4.6	2.7	2.6	1.3
	Steven's Creek	2.4	3.6	3.8	5.2	3.4	2.7
OH	Hoytville	4.8	4.9	2.3	0.7	0.9	1.6
ONT	Chatham	2.2	2.5	1.3	1.2	0.8	2.3
	Elora	2.6	2.4	2.2	1.7	2.1	2.0
	Ottawa	2.5	2.5	2.3	2.1	1.3	4.3
	Palmyra	2.2	2.5	1.3	1.2	0.8	2.3
	Ridgetown	2.2	2.5	1.3	1.2	0.8	3.1
	St. Marys	2.0	2.4	1.7	1.5	1.8	2.2
	Woodstock	1.5	1.7	1.6	1.3	1.2	3.2
QUE	St. Mathieu de Beloeil	3.6	2.7	2.7	2.9	3.3	6.2
SAS	Saskatoon	0.9	2.9	2.0	2.9	1.4	2.3

<https://agacis.rcc-acis.org/>

https://climate.weather.gc.ca/prods_servs/cdn_climate_summary_e.html

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**Northern Regional Uniform Test
Uniform Test 00, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	MN0083 (00)	M97-121138	MN0091	Lorenz	7	F5	Rps6, or Rps1k?
2	MN0095 (0)	M92-270029	M93-313185	Lorenz	16	F5	het-Rps1k/het-Rps1a
3	ND Rolette	M00-3075	ND05-17649	Miranda	10	F4	Rps1k
4	M18-219013	M08-332003	M09-269045	Lorenz	1	F5	SCN
5	M19-116015	M12-354012	M12-454061	Lorenz	Initial	F5	Pro-DivCN
6	ND22-13811	ND14-2678(SCN)	ND16-6045	Miranda	Initial	F5	R to HG 7, MR to HG 2.5.7
7	ND22-15862	ND14-4507(SCN)	ND16-6908	Miranda	Initial	F5	HR to HG 7, R to HG 2.5.7
8	X6110-10	OT16-01	Gaillard	Warkentin	1	F2	Yld, Early RM, light hil

UNIFORM TEST 00, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	IDC Score	
		Crooks-ton	Climax
MN0083 (00)	WTDDYYI	1.5	2.1
MN0095 (0)	PGBDYIbI		
ND Rolette	PGBDYBfI		
M18-219013	PGTDYYI	1.5	2.7
M19-116015	WGBSYYI	2.3	2.5
ND22-13811	P+WTBDYBI	2.8	2.7
ND22-15862	PGTSYYI	2.5	3.6
X6110-10	PTBSYYI	2.0	2.1

UNIFORM TEST 00, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 9 Date	Lodging 10 Score	Plant Height 10 In	Seed Size 10 g/100	Seed Quality 10 Score	<u>Composition</u>	
								Protein 10 %	Oil 10 %
MN0083 (00)	40.1	7	9/10	1.3	34	13.8	1.4	35.6	18.1
MN0095 (0)	41.7	6	3.0	1.6	32	13.7	1.3	34.8	18.5
ND Rolette	46.5	1	0.4	1.1	33	12.8	1.4	34.3	18.6
M18-219013	43.1	4	7.8	1.4	32	16.2	1.7	36.1	18.1
M19-116015	44.1	2	7.4	1.2	30	15.8	1.9	35.6	18.5
ND22-13811	42.5	5	3.8	1.3	30	15.2	1.5	34.9	18.6
ND22-15862	43.5	3	8.6	1.3	30	16.6	1.5	34.3	18.3
X6110-10	30.4	8	-6.7	1.3	25	14.9	1.7	36.6	18.5
Mean	41.5			1.3	30.7	14.9	1.5	35.3	18.4
C.V. (%)	8.1								
L.S.D. (5%)	1.9								

114.7 Days After Planting

UNIFORM TEST 00, 2025

2024-2025 2-YEAR MEAN

No. of Tests Strain	Yield 16 bu/a	Rank 16 No.	Maturity 19 Date	Lodging 19 Score	Plant Height 18 In.	Seed Size 20 g/100	Seed Quality 20 Score	<u>Composition</u>	
								Protein 20 %	Oil 20 %
MN0083 (00)	41.1	4	9/13	1.4	31	14.0	1.5	35.6	17.9
MN0095 (0)	45.7	3	2.3	1.5	30	13.8	1.5	34.6	18.5
ND Rolette	47.1	1	0.6	1.1	31	13.3	1.5	34.5	18.3
M18-219013	46.2	2	6.2	1.4	30	16.6	1.6	35.7	18.1
X6110-10	35.4	5	-7.1	1.2	24	15.2	1.7	36.3	18.4

114.0 Days After Planting

UNIFORM TEST 00, 2025

YIELD (bu/a)

Strain	Mean 8 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND*	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS*
MN0083 (00)	40.1	34.5	47.1	36.3	40.4	36.8	39.9	42.2	37.9	43.0	43.2
MN0095 (0)	41.7	37.7	52.2	35.7	44.3	33.6	41.9	41.1	35.7	44.8	38.7
ND Rolette	46.5	40.9	53.3	43.0	56.3	39.0	50.1	42.2	38.3	47.8	41.4
M18-219013	43.1	36.7	43.0	37.9	45.3	35.4	46.6	46.4	40.1	48.6	50.6
M19-116015	44.1	40.7	50.6	37.3	48.8	43.1	50.7	40.1	37.7	46.5	42.7
ND22-13811	42.5	37.2	52.5	38.9	47.1	47.9	44.3	37.1	40.9	41.8	39.5
ND22-15862	43.5	38.3	50.8	43.1	44.4	48.0	43.1	44.8	36.0	47.1	44.6
X6110-10	30.4	24.1	41.0	33.9	19.6	13.7	24.7	35.3	30.9	33.2	42.6
Location Mean		36.3	48.8	38.3	43.3	37.2	42.7	41.1	37.2	44.1	42.9
C.V. (%)		7.9	4.6	13.5	7.9	19.3	11.5	6.5	4.3	5.1	17.7
L.S.D. (5%)		5.0	3.9	9.0	6.0	12.5	8.6	4.7	2.8	4.0	13.3
Row Sp. (In.)		30	30	30	30	30	30	13	18	7	14
Rows/Plot		4	4	4	4	4	4	4	4	5	3
Reps		3	3	3	3	3	3	3	3	3	3

* Data not included in mean.

UNIFORM TEST 00, 2025

YIELD RANK

Strain	Mean 8 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS
MN0083 (00)	7	7	6	6	7	5	7	3	4	6	3
MN0095 (0)	6	4	3	7	6	7	6	5	7	5	8
ND Rolette	1	1	1	2	1	4	2	3	3	2	6
M18-219013	4	6	7	4	4	6	3	1	2	1	1
M19-116015	2	2	5	5	2	3	1	6	5	4	4
ND22-13811	5	5	2	3	3	2	4	7	1	7	7
ND22-15862	3	3	4	1	5	1	5	2	6	3	2
X6110-10	8	8	8	8	8	8	8	8	8	8	5

UNIFORM TEST 00, 2025

MATURITY (date)

Strain	Mean 9 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS*
MN0083 (00)	9/10	9/18	9/18	9/13	9/13	9/15	9/13	9/2	9/4	9/2	9/29
MN0095 (0)	3	0	1	2	3	2	4	8	6	1	1.6
ND Rolette	0	0	-2	-0	2	0	0	3	-1	0	2.6
M18-219013	8	0	6	4	10	9	9	13	9	9	-2
M19-116015	7	4	3	4	10	10	9	10	10	8	0.6
ND22-13811	4	1	0	0	7	3	3	9	6	5	2.6
ND22-15862	9	5	7	6	10	11	8	11	8	11	-1
X6110-10	-7	-1	-5	-4	-11	-12	-11	-2	-4	-11	1.3
Date Planted	5/19	5/29	5/22	5/23	5/11	5/13	5/8	5/21	5/26	5/12	5/27
Days to Mature	114.7	112	119	113	125	125	128	104	101	113	125

* Highly variable, data not included in mean.

UNIFORM TEST 00, 2025

LODGING (score)

Strain	Mean 10 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS
MN0083 (00)	1.3	2.3	1.0	2.0	1.0	1.7	1.0	1.0	1.0	1.0	1.3
MN0095 (0)	1.6	2.0	1.0	4.0	1.3	2.0	1.0	1.0	1.0	1.0	2.0
ND Rolette	1.1	1.3	1.0	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
M18-219013	1.4	3.0	1.0	2.7	1.0	1.0	1.0	1.0	1.0	1.0	1.3
M19-116015	1.2	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0
ND22-13811	1.3	2.3	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7
ND22-15862	1.3	1.7	1.0	1.3	1.0	1.7	1.0	1.0	1.0	1.0	2.0
X6110-10	1.3	1.7	1.0	2.0	1.3	2.0	1.0	1.0	1.0	1.0	1.0

UNIFORM TEST 00, 2025**PLANT HEIGHT (inches)**

Strain	Mean 10 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS
MN0083 (00)	34	32	42	33	28	29	27	37	33	35	40
MN0095 (0)	32	31	40	34	27	25	27	37	28	33	38
ND Rolette	33	32	41	35	31	24	30	34	30	34	38
M18-219013	32	30	37	33	27	27	27	33	28	34	40
M19-116015	30	28	37	32	27	28	28	32	26	29	39
ND22-13811	30	29	34	31	27	27	27	28	27	29	41
ND22-15862	30	28	34	32	27	29	28	29	24	29	40
X6110-10	25	22	33	29	18	14	15	32	22	27	39

UNIFORM TEST 00, 2025**SEED SIZE (g/100)**

Strain	Mean 10 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS
MN0083 (00)	13.8	15.6	17.7	14.4	16.1	14.9	12.6	11.1	12.1	11.8	11.9
MN0095 (0)	13.7	14.8	16.3	14.5	15.9	15.2	13.5	11.9	12.2	11.6	11.5
ND Rolette	12.8	14.2	15.4	13.4	15.2	13.5	12.9	10.6	11.3	11.0	10.9
M18-219013	16.2	15.7	18.7	16.9	19.6	16.4	15.6	14.5	15.0	14.9	14.8
M19-116015	15.8	17.0	18.5	15.8	17.4	16.6	15.8	13.6	13.9	14.5	15.0
ND22-13811	15.2	15.8	17.8	15.4	18.2	17.0	14.2	13.6	13.6	13.3	13.4
ND22-15862	16.6	16.2	19.7	17.3	18.6	17.4	15.6	15.2	14.5	15.7	15.7
X6110-10	14.9	14.1	18.3	15.3	15.8	14.6	15.3	13.0	14.2	13.4	15.2

UNIFORM TEST 00, 2025**SEED QUALITY (score)**

Strain	Mean 10 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS
MN0083 (00)	1.4	1.0	1.0	1.0	2.0	1.0	1.0	1.5	2.0	2.7	1.0
MN0095 (0)	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	1.9	2.0
ND Rolette	1.4	1.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	2.0	1.0
M18-219013	1.7	1.0	1.0	1.0	2.0	1.0	2.0	1.5	2.0	2.3	3.0
M19-116015	1.9	1.0	1.0	1.0	2.0	2.0	1.0	1.5	2.0	5.0	2.0
ND22-13811	1.5	1.0	1.0	1.0	2.0	2.0	2.0	1.5	2.0	1.7	1.0
ND22-15862	1.5	1.0	1.0	1.0	2.0	1.0	1.0	1.5	2.0	2.0	2.0
X6110-10	1.7	3.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	3.0	1.0

UNIFORM TEST 00, 2025**PROTEIN (%)**

Strain	Mean 10 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS
MN0083 (00)	35.6	37.9	36.5	35.0	34.0	34.9	33.3	35.2	35.5	33.9	39.4
MN0095 (0)	34.8	35.4	35.8	34.8	34.3	34.8	33.7	33.7	34.5	33.8	37.4
ND Rolette	34.3	34.7	35.0	33.4	33.4	33.2	32.7	35.1	35.6	33.7	36.7
M18-219013	36.1	35.7	37.6	35.7	36.7	36.8	36.3	34.4	34.4	33.9	39.2
M19-116015	35.6	36.8	36.2	35.4	34.7	35.9	35.8	34.8	33.5	34.4	38.5
ND22-13811	34.9	35.8	35.7	33.3	36.1	35.7	33.7	34.3	34.3	34.2	35.9
ND22-15862	34.3	34.6	35.4	34.0	35.7	33.3	33.8	33.5	32.4	31.6	39.1
X6110-10	36.6	36.9	39.2	35.7	33.8	36.4	35.6	36.7	36.7	35.6	39.4

UNIFORM TEST 00, 2025**OIL (%)**

Strain	Mean 10 Tests	Crooks- ton MN	Roseau MN	Thief River Falls MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE	Saska- toon SAS
MN0083 (00)	18.1	16.0	16.6	18.2	18.9	18.1	18.9	18.8	19.0	19.1	17.6
MN0095 (0)	18.5	17.9	17.2	18.1	19.1	18.2	18.8	19.4	19.2	18.8	18.3
ND Rolette	18.6	18.0	17.1	18.9	19.4	19.2	19.3	18.7	18.5	19.3	18.1
M18-219013	18.1	17.9	15.8	17.5	18.0	17.9	17.5	19.1	19.5	19.5	18.8
M19-116015	18.5	17.7	17.4	18.5	18.9	18.3	18.1	18.3	19.4	19.3	18.9
ND22-13811	18.6	17.7	17.4	19.2	18.2	18.1	19.0	18.9	19.5	19.0	19.1
ND22-15862	18.3	17.9	16.5	18.2	17.7	19.1	18.2	18.6	19.6	19.5	17.9
X6110-10	18.5	16.9	15.9	18.7	20.2	18.8	18.8	18.7	18.7	19.1	18.9

**Northern Regional Uniform Test
Uniform Test 0, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	ND Dickey (0)	P. 91M10	Sheyenne	Miranda	7	F4	Rps1c
2	MN0095 (E)	M92-270029	M93-313185	Lorenz	15	F5	het-Rps1k/het-Rps1a
3	MN0507CN (SCN)			Lorenz	1	F9	SCN
4	MN1511CN (SCN) (L)	M06-288181	M06-358188	Lorenz	3	F8	SCN, Rps1c
5	M17-148028	ND11-19471	M10-181003	Lorenz	24 SCN U 0	F5	YLDCN
6	M17-152020	M11-271059	M10-181003	Lorenz	24 SCN U 0	F5	YLDCN
7	M19-108043	ND14-2671	M12-373033	Lorenz	Initial	F5	YLDCN
8	M19-108056	ND14-2671	M12-373033	Lorenz	Initial	F5	YLDCN
9	M19-111071	M12-354012	M12-416003	Lorenz	Initial	F5	YLDCN
10	M19-137008	M12-421024	E15338	Lorenz	Initial	F5	YLDPro
11	M19-137013	M12-421024	E15338	Lorenz	Initial	F5	YLDPro
12	M19-137020	M12-421024	E15338	Lorenz	Initial	F5	YLDPro
13	M19-143011	M12-386036	U14-111010	Lorenz	Initial	F5	YLDPro
14	M19-196-2052	M12-354012	M11-314101	Lorenz	Initial	F5	ProCN
15	M19-239034	M08-362045L	LD14-4098a	Lorenz	Initial	F5	APHIDCN: Rag1
16	ND20-12680	ND14-2194	M10-181003	Miranda	1	F5	P. sojae (Race 4)
17	ND20-14884	ND14-3926(SCN)	ND Bison	Miranda	2		SCN, Rps1c
18	ND21-16321	ND15-18939	ND14-2678	Miranda	24 UT00	F5	P. sojae (Race 4), SCN
19	ND21-16580	ND14-2678	ND15-20392	Miranda	24 UT00	F5	P. sojae (Race 4), SCN
20	ND22-13597	ND14-2678(SCN)	ND Benson	Miranda	Initial	F5	HG 7 (HR), HG 2.5.7 (R)
21	ND22-15145	ND Rolette	ND14-4507(SCN)	Miranda	Initial	F5	HG 7 (HR), HG 2.5.7 (R)
22	ND22-15646	ND14-4507(SCN)	ND16-9606	Miranda	Initial	F5	HG 7 (HR), HG 2.5.7 (MR)
23	ND22-15851	ND14-4507(SCN)	ND16-6908	Miranda	Initial	F5	HG 7 (HR), HG 2.5.7 (MR)
24	OAC 23-06C-SCN	OAC Strive	OAC Prosper	Rajcan	Initial	F5	SCN
25	OAC 23-13C-SCN	OAC Malory	AAC Edward	Rajcan	Initial	F5	SCN

UNIFORM TEST 0, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	IDC Score	
		Crooks-ton	Climax
ND Dickey (0)	PGTDYYI	1.3	2.3
MN0095 (E)	PGBDYIbI		
MN0507CN (SCN)	PGBDYYI		
MN1511CN (SCN) (L)	PGBDYBfI	1.5	2.4
M17-148028	PT+GBSYHI	2.5	2.7
M17-152020	WTBSYHI	1.3	2.2
M19-108043	PGB+TDYYI	1.5	2.7
M19-108056	PGB+TDYYI	1.8	2.3
M19-111071	WGBDYYI	2.0	2.7
M19-137008	PGBDYID	1.8	2.8
M19-137013	PGBDYYI	1.5	2.7
M19-137020	PGBDYYI	1.5	2.5
M19-143011	WGBDYYI	1.3	1.9
M19-196-2052	PTBDYYI	2.5	2.5
M19-239034	P+WlTDYBI	1.3	2.6
ND20-12680	WGTDYYI	1.0	1.4
ND20-14884	PTBDYYI	1.3	2.1
ND21-16321	WGTDYBfI	1.5	1.7
ND21-16580	WTTDYBrI	1.0	1.4
ND22-13597	WTTDYBrI	1.3	1.9
ND22-15145	PGBDYYI	1.0	1.8
ND22-15646	WGTDYYI	1.3	2.8
ND22-15851	PGTSYYI	1.0	1.9
OAC 23-06C-SCN	PTBDYYI	2.0	2.9
OAC 23-13C-SCN	PGBSYI	2.3	3.2

UNIFORM TEST 0, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	7 bu/a	7 No.	9 Date	9 Score	8 In.	9 g/100	9 Score	9 Protein %	9 Oil %
ND Dickey (0)	52.1	5	9/22	1.3	32	16.8	1.8	34.5	17.5
MN0095 (E)	41.6	24	-8.9	1.4	30	13.4	1.8	34.4	18.6
MN0507CN (SCN)	38.5	25	-0.2	1.2	32	18.0	1.8	35.6	18.4
MN1511CN (SCN) (L)	47.5	16	5.4	1.3	36	13.9	1.5	33.7	18.4
M17-148028	50.0	13	1.7	1.4	39	16.4	2.2	34.2	18.0
M17-152020	52.0	6	6.0	1.5	35	17.0	2.4	35.2	18.4
M19-108043	46.8	19	-3.6	1.2	30	16.1	3.0	33.4	19.4
M19-108056	49.9	14	-3.2	1.2	32	16.5	2.3	33.6	19.1
M19-111071	52.5	4	-0.4	1.2	35	16.4	2.7	33.3	18.6
M19-137008	54.0	1	4.8	1.2	33	16.5	1.7	33.9	17.9
M19-137013	50.8	11	2.3	1.1	32	17.8	2.0	34.4	18.5
M19-137020	51.5	8	1.6	1.1	31	17.4	2.1	34.3	18.4
M19-143011	51.6	7	8.0	1.4	34	15.3	2.0	33.4	18.1
M19-196-2052	53.7	2	2.4	1.4	33	14.5	2.2	33.9	19.0
M19-239034	51.1	9	-0.6	1.2	32	16.3	1.6	35.0	18.1
ND20-12680	43.6	22	-3.3	1.3	29	12.0	1.5	35.2	18.2
ND20-14884	47.1	18	1.3	1.1	32	16.4	2.3	34.4	18.3
ND21-16321	43.9	21	-1.5	1.2	26	15.3	1.9	34.7	18.8
ND21-16580	47.9	15	-2.2	1.3	32	15.9	1.9	33.5	19.1
ND22-13597	44.3	20	-3.3	1.6	32	13.4	1.6	33.7	19.1
ND22-15145	47.5	17	-1.0	1.1	32	15.8	1.9	35.5	17.9
ND22-15646	43.0	23	-3.7	1.2	29	13.9	1.9	33.2	18.9
ND22-15851	52.7	3	3.7	1.1	32	15.9	1.4	33.9	18.2
OAC 23-06C-SCN	50.6	12	-1.3	2.1	33	17.9	1.8	35.6	18.1
OAC 23-13C-SCN	50.8	10	1.9	1.6	35	18.3	1.8	34.0	18.0
Mean	48.6			1.3	32.2	15.9	2.0	34.3	18.4
C.V. (%)	8.6								
L.S.D. (5%)	2.5								

127.8 Days After Planting

UNIFORM TEST 0, 2025

2024-2025 2-YEAR MEAN

No. of Tests Strain	Yield 13 bu/a	Rank 13 No.	Maturity 17 Date	Lodging 16 Score	Plant Height 15 In.	Seed Size 17 g/100	Seed Quality 17 Score	Composition	
								Protein 17 %	Oil 17 %
ND Dickey (0)	56.4	1	9/24	1.5	31	17.6	1.8	34.6	17.5
MN0095 (E)	43.4	5	-8.1	1.6	29	13.5	1.7	34.2	18.7
MN0507CN (SCN)	43.0	6	-2.7	1.3	31	18.1	1.7	35.6	18.4
MN1511CN (SCN) (L)	52.0	2	4.5	1.5	36	14.6	1.8	34.0	18.3
ND20-12680	45.6	4	-3.5	1.6	29	12.2	1.7	35.0	18.3
ND20-14884	51.3	3	-0.2	1.3	32	17.3	2.4	34.7	18.2

123.3 Days After Planting

2023-2025 3-YEAR MEAN

No. of Tests Strain	21	21	26	26	23	23	23	26	26
ND Dickey (0)	55.0	1	9/22	1.5	31.5	17.8	1.7	34.6	17.8
MN0095 (E)	43.0	4	-7.6	1.5	29.1	13.7	1.7	34.2	18.9
MN1511CN (SCN) (L)	51.9	2	4.9	1.6	37.0	14.7	1.6	33.9	18.5
ND20-14884	50.4	3	0.2	1.3	31.9	17.4	2.3	34.7	18.4

122.3 Days After Planting

UNIFORM TEST 0, 2025

YIELD (bu/a)

Strain	Mean 7 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND*	Gales- burg ND	Elora ONT	Ottawa ONT*	St Mathieu de Beloeil QUE
ND Dickey (0)	52.1	45.4	65.8	44.7	57.7	35.2	54.4	48.9	36.9	47.8
MN0095 (E)	41.6	38.7	57.4	39.5	49.4	25.2	42.0	32.1	30.8	31.9
MN0507CN (SCN)	38.5	39.0	35.9	33.4	51.8	22.8	38.6	32.2	33.6	38.3
MN1511CN (SCN) (L)	47.5	44.5	51.5	45.2	62.9	39.1	46.9	38.3	37.7	43.2
M17-148028	50.0	43.9	63.4	47.4	62.1	39.7	43.3	46.4	32.4	43.7
M17-152020	52.0	43.3	62.2	48.4	65.6	41.4	51.0	48.6	31.2	44.6
M19-108043	46.8	34.2	56.7	46.2	61.0	33.4	50.6	40.0	36.1	38.7
M19-108056	49.9	39.9	63.6	49.0	64.9	44.2	52.8	39.3	37.8	40.1
M19-111071	52.5	46.0	66.8	51.6	58.5	30.8	52.2	45.9	38.1	46.1
M19-137008	54.0	48.9	65.7	40.3	68.2	40.7	53.3	52.2	40.0	49.7
M19-137013	50.8	44.4	64.8	43.3	63.3	42.2	52.6	42.6	34.9	44.6
M19-137020	51.5	43.9	63.7	42.4	56.0	46.6	59.7	47.0	39.2	47.9
M19-143011	51.6	47.4	60.8	39.1	66.8	42.5	44.1	56.9	37.0	46.2
M19-196-2052	53.7	46.1	65.6	45.0	60.6	46.8	59.5	51.2	38.3	47.8
M19-239034	51.1	43.7	62.0	45.3	59.9	46.0	51.7	49.8	36.7	45.1
ND20-12680	43.6	40.1	55.8	36.6	57.5	42.5	44.9	35.2	27.0	35.3
ND20-14884	47.1	42.7	59.6	43.8	55.4	27.3	46.9	39.4	43.9	42.0
ND21-16321	43.9	41.3	58.5	43.7	48.2	31.9	46.2	32.5	35.2	37.1
ND21-16580	47.9	46.8	61.0	48.4	56.2	35.1	50.9	36.3	31.3	35.5
ND22-13597	44.3	43.3	56.7	44.5	50.0	39.2	41.4	35.8	29.6	38.4
ND22-15145	47.5	41.3	62.4	42.8	57.7	26.2	42.3	42.4	36.9	43.4
ND22-15646	43.0	38.0	57.0	46.4	36.8	31.8	45.6	38.2	25.6	39.5
ND22-15851	52.7	48.1	62.8	43.6	61.6	41.6	54.2	48.4	35.6	50.3
OAC 23-06C-SCN	50.6	38.7	61.7	48.8	58.2	37.4	52.7	48.6	35.4	45.4
OAC 23-13C-SCN	50.8	41.9	64.8	47.9	57.1	40.4	52.0	46.7	37.0	45.4
Location Mean		42.9	60.2	44.3	57.9	37.2	49.2	43.0	35.1	42.7
C.V. (%)		7.8	5.8	7.9	9.5	20.5	11.9	8.3	16.9	6.7
L.S.D. (5%)		5.5	5.7	5.8	9.0	12.5	9.6	5.9	9.8	4.7
Row Sp. (In.)		30	30	30	30	30	30	13	18	7
Rows/Plot		4	4	4	4	4	4	4	4	5
Reps		3	3	3	3	3	3	3	3	3

* Data not included in mean.

UNIFORM TEST 0, 2025

YIELD RANK

Strain	Mean 7 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE
ND Dickey (0)	5	7	2	13	14	16	3	5	11	5
MN0095 (E)	24	23	19	22	23	24	23	25	22	25
MN0507CN (SCN)	25	21	25	25	21	25	25	24	18	21
MN1511CN (SCN) (L)	16	8	24	11	6	14	16	18	7	15
M17-148028	13	10	9	7	7	12	21	11	19	13
M17-152020	6	14	12	4	3	9	12	6	21	11
M19-108043	19	25	22	9	9	18	14	15	13	19
M19-108056	14	20	8	2	4	4	6	17	6	17
M19-111071	4	6	1	1	12	21	9	12	5	7
M19-137008	1	1	3	21	1	10	5	2	2	2
M19-137013	11	9	6	18	5	7	8	13	17	11
M19-137020	8	10	7	20	19	2	1	9	3	3
M19-143011	7	3	16	23	2	5	20	1	8	6
M19-196-2052	2	5	4	12	10	1	2	3	4	4
M19-239034	9	12	13	10	11	3	11	4	12	10
ND20-12680	22	19	23	24	16	6	19	22	24	24
ND20-14884	18	15	17	15	20	22	15	16	1	16
ND21-16321	21	17	18	16	24	19	17	23	16	22
ND21-16580	15	4	15	5	18	17	13	20	20	23
ND22-13597	20	13	21	14	22	13	24	21	23	20
ND22-15145	17	18	11	19	14	23	22	14	10	14
ND22-15646	23	24	20	8	25	20	18	19	25	18
ND22-15851	3	2	10	17	8	8	4	8	14	1
OAC 23-06C-SCN	12	22	14	3	13	15	7	6	15	8
OAC 23-13C-SCN	10	16	5	6	17	11	10	10	9	8

UNIFORM TEST 0, 2025

MATURITY (date)

Strain	Mean 9 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE
ND Dickey (0)	9/22	9/26	9/18	10/2	9/27	9/23	9/24	9/18	9/12	9/18
MN0095 (E)	-9	-7	-6	-6	-11	-11	-11	-6	-7	-15
MN0507CN (SCN)	-0	-1	2	-1	-5	-2	2	-1	6	-4
MN1511CN (SCN) (L)	5	3	12	6	2	5	4	6	8	2
M17-148028	2	2	4	1	2	-0	4	0	3	-1
M17-152020	6	4	12	4	4	6	6	6	9	2
M19-108043	-4	-6	-1	-1	-5	-6	-0	-3	-3	-8
M19-108056	-3	-3	-2	-1	-5	-6	-4	1	-0	-9
M19-111071	-0	4	-5	0	-4	-7	4	-4	5	4
M19-137008	5	4	10	4	2	4	4	4	7	5
M19-137013	2	2	2	2	0	4	5	0	4	1
M19-137020	2	0	4	1	1	3	4	0	2	0
M19-143011	8	7	12	6	5	6	8	7	10	11
M19-196-2052	2	4	2	2	1	2	6	2	4	-2
M19-239034	-1	1	-2	1	-1	-0	0	0	-0	-4
ND20-12680	-3	-2	-4	-2	-3	-6	-4	-1	-2	-6
ND20-14884	1	-3	4	1	-0	3	5	1	1	1
ND21-16321	-1	-3	-4	-0	-3	1	2	-0	-1	-5
ND21-16580	-2	-5	-4	-3	-5	2	-3	0	1	-3
ND22-13597	-3	-4	-2	-2	-4	-4	-3	-2	-3	-6
ND22-15145	-1	-3	1	0	-1	1	0	-1	-2	-6
ND22-15646	-4	-4	-3	-1	-8	-7	-7	1	0	-6
ND22-15851	4	3	7	3	0	4	6	1	6	3
OAC 23-06C-SCN	-1	-1	1	-0	-2	-8	2	-3	0	-1
OAC 23-13C-SCN	2	3	2	0	1	2	6	1	2	0
Date Planted	5/17	5/29	5/15	5/31	5/11	5/13	5/8	5/21	5/15	5/12
Days to Mature	128	120	126	124	139	133	139	120	120	129

UNIFORM TEST 0, 2025

LODGING (score)

Strain	Mean 9 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE
ND Dickey (0)	1.3	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.5
MN0095 (E)	1.4	1.7	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
MN0507CN (SCN)	1.2	1.3	1.5	1.7	1.0	1.0	1.0	1.0	1.0	1.0
MN1511CN (SCN) (L)	1.3	2.3	1.5	2.0	1.0	1.0	1.0	1.0	1.0	1.0
M17-148028	1.4	2.7	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.2
M17-152020	1.5	3.0	2.0	2.0	1.3	1.0	1.0	1.0	1.0	1.5
M19-108043	1.2	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
M19-108056	1.2	1.7	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
M19-111071	1.2	2.0	1.0	1.7	1.0	1.0	1.0	1.0	1.0	1.2
M19-137008	1.2	2.3	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0
M19-137013	1.1	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.2
M19-137020	1.1	1.0	1.0	1.7	1.0	1.0	1.0	1.0	1.0	1.2
M19-143011	1.4	2.7	1.0	2.0	1.0	1.0	1.0	1.0	1.3	1.3
M19-196-2052	1.4	2.3	1.5	2.0	1.3	1.3	1.0	1.0	1.0	1.0
M19-239034	1.2	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.2
ND20-12680	1.3	2.0	1.0	2.0	1.7	1.0	1.0	1.2	1.0	1.2
ND20-14884	1.1	1.3	1.0	1.7	1.0	1.0	1.0	1.0	1.0	1.0
ND21-16321	1.2	1.7	1.0	2.0	1.3	1.0	1.0	1.0	1.0	1.0
ND21-16580	1.3	2.0	1.5	2.3	1.0	1.0	1.0	1.0	1.0	1.0
ND22-13597	1.6	2.7	2.0	2.0	2.3	1.0	1.0	1.0	1.3	1.2
ND22-15145	1.1	2.0	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0
ND22-15646	1.2	1.7	1.0	1.7	1.0	1.3	1.0	1.0	1.0	1.2
ND22-15851	1.1	2.0	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0
OAC 23-06C-SCN	2.1	3.0	3.0	2.3	1.7	1.0	1.0	1.2	3.3	2.5
OAC 23-13C-SCN	1.6	3.0	2.0	2.0	1.7	1.0	1.0	1.0	1.0	1.3

UNIFORM TEST 0, 2025

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE
ND Dickey (0)	32	32	37		31	26	31	34	32	33
MN0095 (E)	30	30	38		28	22	26	31	33	32
MN0507CN (SCN)	32	31	37		31	24	30	34	35	34
MN1511CN (SCN) (L)	36	35	41		37	30	31	36	40	36
M17-148028	39	36	49		37	31	33	43	40	41
M17-152020	35	37	44		34	26	30	37	37	36
M19-108043	30	29	37		29	20	29	32	32	31
M19-108056	32	29	38		33	28	32	34	33	32
M19-111071	35	35	41		33	26	32	36	37	38
M19-137008	33	33	40		35	25	31	35	34	34
M19-137013	32	31	40		32	25	30	33	32	29
M19-137020	31	33	38		29	28	30	32	29	29
M19-143011	34	33	43		35	28	35	36	29	31
M19-196-2052	33	29	42		32	29	29	38	31	33
M19-239034	32	28	41		30	26	31	36	33	33
ND20-12680	29	29	35		32	26	27	29	28	27
ND20-14884	32	32	39		31	23	31	33	34	31
ND21-16321	26	27	31		25	19	28	27	29	27
ND21-16580	32	34	38		33	22	28	32	34	33
ND22-13597	32	29	41		35	26	27	32	34	35
ND22-15145	32	30	40		32	23	32	33	31	32
ND22-15646	29	30	36		27	26	30	30	26	30
ND22-15851	32	31	42		34	29	32	31	28	31
OAC 23-06C-SCN	33	30	38		31	22	26	40	37	36
OAC 23-13C-SCN	35	34	43		34	30	28	36	36	36

UNIFORM TEST 0, 2025

SEED SIZE (g/100)

Strain	Mean 9 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE
ND Dickey (0)	16.8	16.2	17.9	13.5	19.7	16.3	16.5	16.2	16.6	18.0
MN0095 (E)	13.4	15.1	15.7	11.0	16.2	13.7	13.0	12.5	12.1	11.4
MN0507CN (SCN)	18.0	16.9	20.4	16.3	20.6	17.4	17.1	17.9	17.2	17.8
MN1511CN (SCN) (L)	13.9	13.2	15.0	12.9	16.3	12.8	12.7	13.4	13.8	14.7
M17-148028	16.4	16.5	18.9	15.2	19.1	17.0	13.5	15.7	15.2	16.7
M17-152020	17.0	16.9	19.4	15.3	19.5	16.2	15.7	15.8	16.8	17.6
M19-108043	16.1	17.1	17.8	14.3	19.5	16.6	15.8	14.5	15.2	13.9
M19-108056	16.5	16.1	18.1	15.7	20.1	16.7	15.3	15.4	15.8	15.1
M19-111071	16.4	18.5	18.6	13.8	19.9	15.0	15.3	13.9	15.9	16.3
M19-137008	16.5	15.6	17.7	13.3	19.1	14.9	15.0	16.8	17.5	18.4
M19-137013	17.8	16.6	19.7	15.0	21.1	17.2	17.0	17.0	17.7	18.9
M19-137020	17.4	16.1	19.1	14.9	20.5	16.8	17.0	15.6	18.0	19.0
M19-143011	15.3	14.4	16.2	13.0	16.4	14.7	12.1	16.2	16.1	18.3
M19-196-2052	14.5	13.9	15.2	12.3	17.3	14.2	13.8	14.5	15.4	13.9
M19-239034	16.3	17.2	18.2	15.1	19.3	16.3	14.5	15.0	15.1	16.4
ND20-12680	12.0	11.6	13.3	9.4	14.9	11.7	11.4	12.8	11.3	11.4
ND20-14884	16.4	16.1	18.8	14.2	19.2	15.1	15.3	15.4	16.6	17.1
ND21-16321	15.3	15.9	17.7	14.1	17.9	14.3	14.9	14.2	14.7	14.1
ND21-16580	15.9	16.0	17.4	14.2	19.5	16.4	14.4	14.5	16.1	15.0
ND22-13597	13.4	13.7	15.4	12.1	16.0	12.9	11.9	12.8	13.2	12.8
ND22-15145	15.8	16.6	18.1	14.6	19.7	14.6	14.4	13.5	15.1	15.2
ND22-15646	13.9	13.8	16.1	12.8	16.7	13.0	13.0	13.0	12.9	13.5
ND22-15851	15.9	15.7	17.3	13.4	17.8	14.6	14.8	15.1	15.8	18.5
OAC 23-06C-SCN	17.9	16.9	20.8	15.5	20.9	19.1	17.3	16.3	16.8	17.2
OAC 23-13C-SCN	18.3	17.4	19.2	15.0	23.0	18.8	17.2	17.5	17.4	18.8

UNIFORM TEST 0, 2025

SEED QUALITY (score)

Strain	Mean 9 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE
ND Dickey (0)	1.8	1.0	1.0	2.0	2.0	2.0	1.0	2.0	2.3	2.7
MN0095 (E)	1.8	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0
MN0507CN (SCN)	1.8	1.0	2.0	2.0	2.0	2.0	1.0	1.5	2.0	2.7
MN1511CN (SCN) (L)	1.5	1.0	1.0	2.0	2.0	1.0	1.0	1.5	2.0	2.3
M17-148028	2.2	1.0	1.0	1.0	3.0	3.0	3.0	2.0	2.0	4.2
M17-152020	2.4	2.0	1.0	3.0	3.0	3.0	3.0	2.0	2.0	2.3
M19-108043	3.0	3.0	3.0	2.0	4.0	3.0	3.0	2.0	2.3	4.3
M19-108056	2.3	2.0	2.0	2.0	3.0	2.0	2.0	2.0	2.3	3.7
M19-111071	2.7	4.0	2.0	2.0	3.0	3.0	2.0	2.0	2.7	3.3
M19-137008	1.7	1.0	2.0	2.0	2.0	2.0	2.0	1.5	2.0	1.2
M19-137013	2.0	1.0	2.0	2.0	2.0	2.0	2.0	1.5	2.7	3.0
M19-137020	2.1	1.0	2.0	2.0	3.0	2.0	2.0	1.5	2.3	3.3
M19-143011	2.0	1.0	2.0	2.0	2.0	3.0	2.0	1.5	2.3	2.0
M19-196-2052	2.2	1.0	1.0	1.0	3.0	3.0	3.0	2.0	2.7	2.7
M19-239034	1.6	1.0	1.0	2.0	1.0	1.0	1.0	1.5	2.3	3.7
ND20-12680	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	4.0
ND20-14884	2.3	1.0	2.0	2.0	3.0	3.0	3.0	2.0	1.7	3.3
ND21-16321	1.9	1.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.7
ND21-16580	1.9	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0
ND22-13597	1.6	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	2.0
ND22-15145	1.9	1.0	2.0	2.0	2.0	2.0	2.0	1.5	2.0	2.3
ND22-15646	1.9	1.0	2.0	2.0	3.0	2.0	1.0	1.5	1.3	3.3
ND22-15851	1.4	1.0	1.0	2.0	1.0	1.0	1.0	1.5	2.0	2.3
OAC 23-06C-SCN	1.8	1.0	2.0	2.0	2.0	2.0	2.0	1.5	2.0	1.7
OAC 23-13C-SCN	1.8	1.0	2.0	2.0	2.0	2.0	1.0	1.5	2.0	3.0

UNIFORM TEST 0, 2025

PROTEIN (%)

Strain	Mean 9 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE
ND Dickey (0)	34.5	34.5	34.4	36.1	34.9	35.1	34.7	32.9	34.7	33.3
MN0095 (E)	34.4	35.9	34.2	33.8	34.5	35.9	32.7	32.8	35.4	34.0
MN0507CN (SCN)	35.6	36.9	35.3	35.3	36.6	35.2	34.2	35.5	36.3	35.1
MN1511CN (SCN) (L)	33.7	33.2	34.0	35.2	34.9	33.6	32.6	33.3	33.1	33.3
M17-148028	34.2	34.3	34.4	34.4	36.6	35.6	32.7	32.4	34.5	33.4
M17-152020	35.2	35.3	35.6	34.3	36.2	37.7	33.6	33.7	36.3	33.8
M19-108043	33.4	33.1	33.6	33.1	34.5	34.1	32.5	32.6	34.3	33.0
M19-108056	33.6	33.3	33.6	34.3	33.5	33.5	32.5	32.6	35.8	33.3
M19-111071	33.3	34.9	33.1	33.6	33.9	33.9	32.3	31.7	33.7	33.0
M19-137008	33.9	33.1	35.0	35.0	34.5	33.3	33.9	32.6	34.6	32.9
M19-137013	34.4	33.3	34.6	34.1	35.7	34.7	34.2	33.0	35.6	34.3
M19-137020	34.3	33.5	34.8	35.4	35.3	33.6	33.9	32.7	35.1	34.6
M19-143011	33.4	32.9	33.7	33.9	33.5	33.5	34.1	32.0	34.5	32.9
M19-196-2052	33.9	32.6	33.6	33.9	36.4	34.9	33.5	33.0	34.5	32.8
M19-239034	35.0	34.9	35.1	34.3	36.8	35.4	34.2	33.4	36.3	34.6
ND20-12680	35.2	33.7	36.1	36.0	36.9	35.8	33.4	34.6	36.9	33.8
ND20-14884	34.4	34.2	34.3	34.9	35.5	34.6	33.6	33.2	34.8	34.4
ND21-16321	34.7	34.4	35.2	34.8	36.1	35.4	34.0	33.2	35.9	33.4
ND21-16580	33.5	32.2	33.7	33.6	35.9	33.7	33.0	32.0	34.6	33.0
ND22-13597	33.7	33.0	34.1	33.8	34.4	33.8	32.3	33.6	35.3	32.9
ND22-15145	35.5	36.6	35.8	35.0	36.8	35.9	34.3	34.7	36.7	33.9
ND22-15646	33.2	35.2	32.7	34.0	33.8	34.0	32.7	31.6	32.7	32.0
ND22-15851	33.9	33.8	34.1	34.3	34.7	34.4	33.0	32.5	34.3	33.4
OAC 23-06C-SCN	35.6	35.6	36.2	36.0	37.9	35.7	34.0	33.7	36.7	34.8
OAC 23-13C-SCN	34.0	34.0	35.1	35.7	34.7	35.0	33.5	32.0	33.6	32.9

UNIFORM TEST 0, 2025

OIL (%)

Strain	Mean 9 Tests	Crook- ston MN	Moor- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND	Elora ONT	Ottawa ONT	St Mathieu de Beloeil QUE
ND Dickey (0)	17.5	17.6	17.2	16.2	17.5	17.3	17.3	17.9	17.8	18.4
MN0095 (E)	18.6	17.7	18.9	18.3	18.9	18.3	19.2	19.2	18.8	18.5
MN0507CN (SCN)	18.4	17.6	18.1	18.5	18.5	18.4	18.7	18.3	19.1	18.5
MN1511CN (SCN) (L)	18.4	18.6	18.4	17.2	18.4	18.8	19.1	18.1	18.6	18.3
M17-148028	18.0	18.4	18.0	17.8	17.6	17.9	18.5	18.5	17.8	18.0
M17-152020	18.4	17.9	18.4	18.7	18.1	18.6	18.8	18.6	18.1	17.9
M19-108043	19.4	19.2	18.9	19.3	18.8	19.5	19.5	19.5	19.4	20.6
M19-108056	19.1	19.0	18.9	18.6	19.0	19.3	19.5	19.6	18.4	19.6
M19-111071	18.6	17.0	18.6	18.3	18.3	18.6	18.9	19.5	19.1	19.2
M19-137008	17.9	18.4	17.8	17.1	17.5	18.3	18.0	18.0	18.1	17.8
M19-137013	18.5	18.3	18.4	18.0	18.3	18.4	18.5	19.3	18.5	18.5
M19-137020	18.4	18.2	18.2	17.5	18.2	18.8	18.4	19.3	18.7	18.6
M19-143011	18.1	18.2	18.5	18.0	18.6	18.5	17.6	18.5	17.6	17.9
M19-196-2052	19.0	19.1	19.4	18.7	18.5	18.6	18.9	18.9	19.1	20.1
M19-239034	18.1	18.3	17.9	18.0	17.3	18.2	18.2	18.8	18.6	18.2
ND20-12680	18.2	18.6	18.0	17.2	17.6	17.9	18.7	18.3	18.2	19.5
ND20-14884	18.3	18.5	18.1	18.0	18.2	18.6	18.4	18.0	18.8	18.2
ND21-16321	18.8	18.9	18.8	18.3	18.3	18.9	19.1	19.2	18.9	19.0
ND21-16580	19.1	19.6	19.0	18.3	18.3	19.2	19.0	19.5	19.4	19.6
ND22-13597	19.1	19.1	19.0	18.6	19.1	19.3	19.6	18.7	19.3	19.1
ND22-15145	17.9	17.4	17.4	17.9	17.4	18.3	18.3	18.0	18.2	18.4
ND22-15646	18.9	18.2	18.8	17.9	18.8	18.6	18.7	19.0	19.5	20.3
ND22-15851	18.2	18.2	18.2	17.6	18.4	18.1	18.6	18.2	18.6	18.3
OAC 23-06C-SCN	18.1	17.6	17.6	17.7	17.2	18.7	18.6	18.1	18.0	19.0
OAC 23-13C-SCN	18.0	17.8	17.9	17.0	17.9	17.7	18.3	18.1	19.0	18.4

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**Northern Regional Uniform Test
Uniform Test I, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	MN1511CN (SCN) (I)	M06-288181	M06-358188	Lorenz	3	F8	SCN, Rps1c
2	ND Dickey (0) (E)	P. 91M10	Sheyenne	Miranda	8	F4	Rps1c
3	E15338	E09088	E12901	Wang	7	F5	SCN
4	MN1905CN (L)	M08-365038	IA1026	Lorenz	1	F9	Yld, SCN
5	A18209-26	A14004-126	U13-609144	Singh	24 SCN U I	F5	
6	A18273-17	A14017-50	AR15-358030 / R10-2710	Singh	1	F5	
7	A18302-39	A14054-63	A14061-56	Singh	24 UT I-TM	F5	
8	A18321-3Y	A14018-51	A14020-41	Singh	1	F5	
9	A18325-2Y	A14020-44	A14011-77	Singh	1	F5	
10	A18372-90	A14061-131	A14020-8	Singh	1	F5	
11	E20078	E14077	AR09-191018	Wang	3	F5	SCN, Rps1a
12	E21100	LD10-10198	E14077	Wang	2	F5	SCN
13	LD18-4787F	U11-932025	LD13-5131a	Monteverde	1	F5	SCN
14	M18-105005	AR17-279008	M11-337015	Lorenz	24 SCN U I	F5	SCN Novel
15	M18-167057	M08-362045L	U14-910097	Lorenz	24 SCN U I		SCN, SCN Novel
16	ORC 5023	OAC Bruton	U14-910097	Eskandari	1	F4	Conventional / SCN

UNIFORM TEST I, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	IDC Score	
		Crookst- ton	Climax
MN1511CN (SCN) (I)	PGBDYBfI	2.0	2.5
ND Dickey (0) (E)	PGTDYYI		
E15338	PGBDYIbI		
MN1905CN (L)	PTBDYYI	2.0	2.0
A18209-26	PGBDYYI	3.0	2.8
A18273-17	WGTDYYI	1.5	2.0
A18302-39	PGBDYHI	1.5	2.0
A18321-3Y	WGTDYYI	2.5	2.3
A18325-2Y	PLtBSYYI	2.0	2.3
A18372-90	PLtTDYYI	3.0	2.3
E20078	PLtBDYBI	2.0	2.8
E21100	PGBSYGI	3.0	2.5
LD18-4787F	WGBDYBfI	3.0	2.3
M18-105005	WGBDYYI	2.5	2.3
M18-167057	PGTDYBfI	3.5	3.0
ORC 5023	WGBDYBfI	3.0	2.8

UNIFORM TEST I, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	13 bu/a	13 No.	11 Date	14 Score	14 In.	13 g/100	13 Score	Protein %	Oil %
MN1511CN (SCN) (I)	57.9	15	9/13	1.5	35	14.3	1.8	33.7	18.7
ND Dickey (0) (E)	55.9	16	-2.6	1.6	30	17.4	1.8	34.5	18.5
E15338	71.3	6	5.1	1.9	35	16.3	1.5	33.7	18.6
MN1905CN (L)	69.9	11	6.0	1.6	35	16.8	1.7	34.3	19.1
A18209-26	71.6	5	5.2	1.1	33	15.4	1.5	34.7	18.4
A18273-17	70.4	8	5.5	1.3	34	16.6	1.3	34.8	18.1
A18302-39	70.3	9	5.9	1.8	34	14.4	1.7	34.1	18.2
A18321-3Y	70.0	10	3.6	1.5	35	17.4	1.3	36.4	17.8
A18325-2Y	72.3	3	5.1	1.3	33	17.7	1.5	36.3	17.9
A18372-90	68.8	13	3.0	1.5	32	17.0	1.4	36.1	17.7
E20078	72.8	1	6.0	1.8	40	16.4	1.3	33.8	18.6
E21100	72.4	2	6.0	1.3	34	16.6	1.4	33.2	18.6
LD18-4787F	71.7	4	7.8	1.7	32	17.1	1.9	34.3	17.5
M18-105005	61.5	14	2.4	2.0	34	18.9	1.9	36.7	17.5
M18-167057	69.9	12	1.3	1.3	33	17.0	1.4	33.9	19.7
ORC 5023	70.8	7	5.8	1.5	33	18.5	1.4	34.6	19.1
Mean	68.6			1.5	34.0	16.7	1.5	34.7	18.4
C.V. (%)	7.7								
L.S.D. (5%)	2.4								

121.5 Days After Planting

UNIFORM TEST I, 2025

2024-2025 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	25 bu/a	25 No.	24 Date	28 Score	28 In.	26 g/100	26 Score	25 Protein %	25 Oil %
MN1511CN (SCN) (I)	57.9	11	9/14	1.5	34	14.5	1.6	33.9	18.8
ND Dickey (0) (E)	55.6	12	-2.7	1.5	29	17.4	1.6	34.8	18.4
E15338	68.5	8	4.9	2.0	35	16.4	1.5	33.8	18.8
MN1905CN (L)	68.7	7	5.5	1.7	34	16.9	1.5	34.5	19.1
A18273-17	69.4	4	5.3	1.3	33	16.6	1.3	34.8	18.3
A18321-3Y	67.9	9	3.3	1.5	34	17.3	1.3	36.5	17.9
A18325-2Y	70.4	3	5.3	1.3	32	17.8	1.4	36.4	17.9
A18372-90	66.9	10	3.4	1.6	32	17.4	1.5	36.6	17.6
E20078	69.2	6	6.2	1.8	39	16.3	1.4	34.1	18.9
E21100	72.0	1	5.8	1.4	33	16.8	1.4	33.3	18.7
LD18-4787F	71.9	2	6.4	1.6	31	17.1	1.6	34.3	17.7
ORC 5023	69.2	5	5.5	1.6	32	18.5	1.3	34.8	19.1

119.1 Days After Planting

2023-2025 3-YEAR MEAN

No. of Tests Strain	40	40	38	42	41	39	39	38	38
MN1511CN (SCN) (I)	59.6	4	9/15	1.7	35.7	14.9	1.6	34.0	18.9
ND Dickey (0) (E)	56.6	5	-3.1	1.5	30.0	17.6	1.7	34.8	18.4
E15338	67.7	3	4.6	2.1	34.4	16.6	1.6	34.0	18.8
E20078	67.9	2	6.3	1.9	39.5	16.4	1.5	34.2	19.0
E21100	70.9	1	5.9	1.4	33.8	17.1	1.4	33.3	18.8

120.3 Days After Planting

UNIFORM TEST I, 2025

YIELD (bu/a)

Strain	Mean 13 Tests	Ames IA	Suther- land IA*	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN
MN1511CN (SCN) (I)	57.9	58.6	26.2	63.0	51.6	43.5	50.7	68.5
ND Dickey (0) (E)	55.9	50.3	28.4	56.4	44.4	37.2	32.1	76.8
E15338	71.3	67.7	56.7	71.3	73.7	53.1	52.7	87.6
MN1905CN (L)	69.9	71.0	53.6	78.8	73.3	48.3	53.9	76.7
A18209-26	71.6	65.3	37.7	78.8	68.3	50.6	52.5	88.2
A18273-17	70.4	68.7	62.9	69.8	70.3	47.0	53.8	84.5
A18302-39	70.3	61.9	60.4	76.9	75.1	51.6	57.5	82.7
A18321-3Y	70.0	67.5	49.7	71.9	64.9	52.6	54.3	79.4
A18325-2Y	72.3	75.2	53.4	71.5	72.1	45.4	50.8	82.9
A18372-90	68.8	62.8	36.6	73.2	68.0	48.9	52.7	80.8
E20078	72.8	60.0	61.3	77.4	80.6	51.0	54.9	86.3
E21100	72.4	66.8	36.1	79.7	75.6	54.3	61.8	83.3
LD18-4787F	71.7	66.1	77.8	80.9	82.0	50.6	54.0	85.6
M18-105005	61.5	55.3	43.2	64.9	57.3	40.3	47.5	77.5
M18-167057	69.9	60.6	51.1	73.6	62.1	48.5	62.9	84.4
ORC 5023	70.8	66.7	58.7	78.7	68.7	46.0	57.5	89.8
Location Mean		64.0	49.6	72.9	68.0	48.0	53.1	82.2
C.V. (%)		8.0	16.8	4.1	5.7	7.2	8.1	6.4
L.S.D. (5%)		8.5	13.9	6.4	8.3	7.5	9.2	8.7
Row Sp. (In.)		30	30	30	30	15	15	30
Rows/Plot		4	4	4	4	6	6	4
Reps		3	3	2	2	2	2	3

* Data not included in mean.

UNIFORM TEST I, 2025

YIELD (bu/a)

Strain	Rose-mount MN	Waseca MN	Cotes- field NE	Mead NE*	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	46.7	63.2	81.3	50.8	71.4	54.6	53.5	49.8
ND Dickey (0) (E)	55.4	63.2	74.0	38.3	72.7	65.7	58.4	44.3
E15338	70.4	67.6	99.3	71.0	84.8	81.1	64.03	56.8
MN1905CN (L)	62.6	66.6	89.8	63.4	86.5	83.0	66.2	55.9
A18209-26	70.2	71.8	96.3	68.7	86.2	84.1	67.83	53.6
A18273-17	66.9	69.8	89.0	67.3	88.3	89.5	66.5	55.2
A18302-39	60.6	69.0	90.5	66.1	84.7	82.2	63.9	60.1
A18321-3Y	60.8	66.4	91.3	50.4	86.2	87.1	75.43	56.1
A18325-2Y	65.3	71.7	102.3	70.1	90.2	87.2	68.33	59.9
A18372-90	66.7	66.1	94.0	64.9	83.1	79.2	68.27	54.7
E20078	76.6	74.4	81.6	63.9	87.6	83.7	70.77	67.4
E21100	63.8	70.7	102.4	63.4	79.5	80.5	68.5	57.9
LD18-4787F	58.1	60.4	92.1	47.2	92.2	90.3	69.53	55.8
M18-105005	53.6	61.7	87.9	54.1	75.3	67.8	62.3	51.0
M18-167057	67.6	66.8	81.5	55.8	86.8	90.9	66.93	59.8
ORC 5023	61.3	57.5	82.1	64.8	90.3	96.6	69.3	59.6
Location Mean	62.9	66.7	89.7	60.0	84.1	81.5	66.2	56.1
C.V. (%)	10.9	7.9	5.5	15.4	6.0	7.7	7.9	7.6
L.S.D. (5%)	11.4	8.8	10.6	19.8	10.9	10.4	8.7	7.1
Row Sp. (In.)	30	30	30	30	30	17	13	13
Rows/Plot	4	4	4	4	4	5	4	4
Reps	3	3	2	2	2	3	3	3

* Data not included in mean.

UNIFORM TEST I, 2025

YIELD RANK

Strain	Mean 13 Tests	Ames IA	Suther- land IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN
MN1511CN (SCN) (I)	15	14	16	15	15	14	14	16
ND Dickey (0) (E)	16	16	15	16	16	16	16	14
E15338	6	4	6	12	5	2	11	3
MN1905CN (L)	11	2	7	3	6	10	8	15
A18209-26	5	9	12	3	10	6	12	2
A18273-17	8	3	2	13	8	11	9	6
A18302-39	9	11	4	7	4	4	4	10
A18321-3Y	10	5	10	10	12	3	6	12
A18325-2Y	3	1	8	11	7	13	13	9
A18372-90	13	10	13	9	11	8	10	11
E20078	1	13	3	6	2	5	5	4
E21100	2	6	14	2	3	1	2	8
LD18-4787F	4	8	1	1	1	7	7	5
M18-105005	14	15	11	14	14	15	15	13
M18-167057	12	12	9	8	13	9	1	7
ORC 5023	7	7	5	5	9	12	3	1

UNIFORM TEST I, 2025

MATURITY (date)

Strain	Mean 11 Tests	Ames IA	Suther- land IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN*
MN1511CN (SCN) (I)	9/13	9/5	9/5	9/4	9/1	9/19	9/18	9/22
ND Dickey (0) (E)	-3	-2	-1	-5	-1	-5	0	6
E15338	5	6	7	1	8	7	1	-0
MN1905CN (L)	6	8	6	9	10	6	0	2
A18209-26	5	7	2	6	11	6	2	3
A18273-17	6	6	7	4	7	9	1	3
A18302-39	6	8	6	3	9	6	2	-4
A18321-3Y	4	5	4	2	5	7	0	0
A18325-2Y	5	7	6	3	7	7	0	7
A18372-90	3	4	1	2	4	5	0	2
E20078	6	7	8	6	7	6	1	5
E21100	6	7	4	6	9	7	1	1
LD18-4787F	8	9	12	7	13	9	2	1
M18-105005	2	1	3	-2	3	5	1	4
M18-167057	1	2	2	-1	4	1	1	4
ORC 5023	6	7	6	7	8	7	2	4
Date Planted	5/14	5/12	4/23	5/9	5/10	6/3	5/15	5/8
Days to Mature	121	116	135	118	114	108	126	137

* Highly variable, data not included in mean.

UNIFORM TEST I, 2025

YIELD RANK

Strain	Rose-mount MN	Waseca MN	Cotes-field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood-stock ONT
MN1511CN (SCN) (I)	16	12	15	13	16	16	16	15
ND Dickey (0) (E)	14	13	16	16	15	15	15	16
E15338	2	7	3	1	10	11	12	7
MN1905CN (L)	9	9	9	10	7	9	11	9
A18209-26	3	2	4	3	8	7	8	13
A18273-17	5	5	10	4	4	4	10	11
A18302-39	12	6	8	5	11	10	13	2
A18321-3Y	11	10	7	14	9	6	1	8
A18325-2Y	7	3	2	2	3	5	6	3
A18372-90	6	11	5	6	12	13	7	12
E20078	1	1	13	8	5	8	2	1
E21100	8	4	1	9	13	12	5	6
LD18-4787F	13	15	6	15	1	3	3	10
M18-105005	15	14	11	12	14	14	14	14
M18-167057	4	8	14	11	6	2	9	4
ORC 5023	10	16	12	7	2	1	4	5

UNIFORM TEST I, 2025

MATURITY (date)

Strain	Rose-mount MN	Waseca MN	Cotes-field NE	Mead NE*	Phillips NE	Palmyra ONT	St. Marys ONT	Wood-stock ONT
MN1511CN (SCN) (I)	9/20		9/13	9/5		9/18	9/23	9/20
ND Dickey (0) (E)	-4		-2	-6		-4	-4	-4
E15338	5		10	7		3	5	2
MN1905CN (L)	5		10	9		3	6	3
A18209-26	7		8	9		3	3	2
A18273-17	5		9	8		2	8	5
A18302-39	7		10	10		2	7	4
A18321-3Y	4		5	6		-0	6	2
A18325-2Y	8		10	9		2	5	1
A18372-90	2		7	4		1	5	1
E20078	8		11	8		2	7	4
E21100	9		10	5		3	7	4
LD18-4787F	10		11	10		3	7	4
M18-105005	3		6	7		-0	7	2
M18-167057	2		5	1		-0	0	0
ORC 5023	4		9	6		3	8	3
Date Planted	5/1	5/12	5/14	5/5	5/31	5/20	5/28	5/27
Days to Mature	142		122	123		121	118	116

* Highly variable, data not included in mean.

UNIFORM TEST I, 2025

LODGING (score)

Strain	Mean 14 Tests	Ames IA	Suther- land IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN
MN1511CN (SCN) (I)	1.5	1.7	2.0	1.5	1.0	1.0	1.0	1.0
ND Dickey (0) (E)	1.6	1.7	2.3	1.5	1.0	1.0	1.0	1.3
E15338	1.9	3.0	2.0	2.5	1.0	1.0	1.0	2.7
MN1905CN (L)	1.6	1.3	3.0	1.0	1.0	1.0	1.0	1.7
A18209-26	1.1	1.0	2.0	1.0	1.0	1.0	1.0	1.0
A18273-17	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0
A18302-39	1.8	1.7	2.7	2.0	1.5	1.0	1.0	1.3
A18321-3Y	1.5	2.0	2.7	1.0	1.0	1.0	1.0	1.3
A18325-2Y	1.3	1.0	1.3	1.0	1.0	1.0	1.0	1.0
A18372-90	1.5	1.7	2.3	2.0	1.0	1.0	1.0	1.0
E20078	1.8	2.3	1.7	1.5	1.0	1.0	1.0	1.7
E21100	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LD18-4787F	1.7	1.7	1.3	1.0	1.0	1.0	1.0	2.7
M18-105005	2.0	2.3	2.7	2.0	1.0	1.0	1.0	2.0
M18-167057	1.3	1.7	1.3	1.5	1.0	1.0	1.0	1.3
ORC 5023	1.5	1.7	3.0	1.0	1.5	1.0	1.0	1.0

UNIFORM TEST I, 2025

PLANT HEIGHT (inches)

Strain	Mean 14 Tests	Ames IA	Suther- land IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN
MN1511CN (SCN) (I)	35	37	28	35	25	32	35	39
ND Dickey (0) (E)	30	31	25	29	22	30	27	34
E15338	35	37	31	34	33	35	32	36
MN1905CN (L)	35	38	33	35	32	33	31	38
A18209-26	33	34	30	32	29	31	27	37
A18273-17	34	35	31	33	32	31	29	36
A18302-39	34	36	30	35	31	33	29	36
A18321-3Y	35	38	30	33	29	33	32	37
A18325-2Y	33	36	28	30	32	29	28	37
A18372-90	32	33	30	32	31	31	29	34
E20078	40	40	33	42	37	36	38	40
E21100	34	37	28	36	31	32	30	36
LD18-4787F	32	35	32	31	33	30	26	33
M18-105005	34	34	30	35	29	30	31	39
M18-167057	33	35	31	31	28	32	30	39
ORC 5023	33	35	31	33	30	30	31	35

UNIFORM TEST I, 2025

LODGING (score)

Strain	Rose-mount MN	Waseca MN	Cotes-field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood-stock ONT
MN1511CN (SCN) (I)	2.3	2.0	1.5	2.5		1.3	1.0	1.0
ND Dickey (0) (E)	2.3	2.0	1.0	3.0		1.0	2.2	1.0
E15338	3.0	2.0	2.0	2.0		2.0	2.0	1.0
MN1905CN (L)	2.3	2.7	2.0	2.0		1.3	1.3	1.0
A18209-26	1.0	1.3	1.0	1.5		1.0	1.0	1.0
A18273-17	2.0	1.7	1.5	2.0		1.7	1.2	1.0
A18302-39	2.7	2.7	1.5	2.0		2.7	1.7	1.0
A18321-3Y	1.3	2.0	1.0	2.5		1.7	1.2	1.0
A18325-2Y	2.3	1.3	1.0	2.0		1.3	1.5	1.0
A18372-90	2.0	2.0	1.5	2.0		1.3	1.2	1.0
E20078	2.7	3.0	2.0	2.5		2.0	1.5	1.0
E21100	2.0	2.0	1.5	2.0		1.3	1.3	1.0
LD18-4787F	2.3	2.0	2.5	2.5		2.3	1.3	1.0
M18-105005	3.0	2.7	3.0	2.5		1.7	2.0	1.0
M18-167057	2.0	1.7	1.0	2.0		1.3	1.0	1.0
ORC 5023	2.0	1.7	2.0	2.0		1.0	1.5	1.0

UNIFORM TEST I, 2025

PLANT HEIGHT (inches)

Strain	Rose-mount MN	Waseca MN	Cotes-field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood-stock ONT
MN1511CN (SCN) (I)	38	36	37	42		34	37	36
ND Dickey (0) (E)	33	32	29	35		31	36	29
E15338	40	37	31	40		38	38	36
MN1905CN (L)	38	37	31	42		41	36	32
A18209-26	35	35	32	37		36	32	30
A18273-17	38	34	32	38		36	37	33
A18302-39	35	33	32	35		38	36	36
A18321-3Y	38	38	34	38		39	40	34
A18325-2Y	36	35	30	40		37	36	33
A18372-90	34	33	32	35		32	37	32
E20078	43	36	36	46		42	47	46
E21100	37	34	30	38		35	39	34
LD18-4787F	35	32	31	34		35	33	29
M18-105005	36	33	33	44		37	39	34
M18-167057	36	33	29	36		37	36	34
ORC 5023	35	34	30	35		36	35	32

UNIFORM TEST I, 2025

SEED SIZE (g/100)

Strain	Mean 13 Tests	Ames IA	Suther- land IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN
MN1511CN (SCN) (I)	14.3	14.0	15.0		14.0	11.9	15.3	17.2
ND Dickey (0) (E)	17.4	17.0	18.3		17.0	15.6	15.9	21.6
E15338	16.3	15.3	15.7		14.2	15.4	16.1	19.6
MN1905CN (L)	16.8	16.3	16.7		15.7	16.0	16.5	20.1
A18209-26	15.4	14.7	13.0		13.2	14.6	16.1	18.6
A18273-17	16.6	16.3	15.7		15.1	15.8	16.8	19.3
A18302-39	14.4	12.7	13.7		13.3	13.5	15.3	17.1
A18321-3Y	17.4	17.7	17.3		16.4	16.5	18.1	19.5
A18325-2Y	17.7	16.3	17.0		16.5	16.6	18.9	20.6
A18372-90	17.0	16.7	15.7		16.5	16.1	17.7	20.4
E20078	16.4	15.3	16.7		14.8	15.3	16.8	18.7
E21100	16.6	15.7	15.7		14.7	15.9	17.2	20.1
LD18-4787F	17.1	15.0	16.3		14.6	16.3	17.7	20.4
M18-105005	18.9	18.0	19.0		18.7	17.9	18.1	22.2
M18-167057	17.0	16.0	17.0		16.5	15.6	17.5	19.5
ORC 5023	18.5	17.3	18.0		17.0	16.7	19.2	22.4

UNIFORM TEST I, 2025

SEED QUALITY (score)

Strain	Mean 13 Tests	Ames IA	Suther- land IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN
MN1511CN (SCN) (I)	1.8	1.3	3.0		1.5	2.5	3.0	1.0
ND Dickey (0) (E)	1.8	1.0	3.0		1.5	3.5	3.0	1.0
E15338	1.5	1.0	2.0		1.0	2.5	2.5	1.0
MN1905CN (L)	1.7	1.0	2.0		1.0	2.5	2.5	2.0
A18209-26	1.5	1.0	1.7		1.5	2.0	1.5	2.0
A18273-17	1.3	1.0	2.0		1.0	2.0	2.0	1.0
A18302-39	1.7	1.0	2.0		1.5	2.5	3.0	2.0
A18321-3Y	1.3	1.0	1.0		1.0	2.0	2.0	1.0
A18325-2Y	1.5	1.0	2.0		1.0	2.5	3.0	1.0
A18372-90	1.4	1.0	2.0		1.0	2.0	2.0	2.0
E20078	1.3	1.0	2.0		1.0	2.0	2.0	1.0
E21100	1.4	1.0	2.3		1.0	2.0	2.0	1.0
LD18-4787F	1.9	1.0	2.0		1.0	2.0	5.0	3.0
M18-105005	1.9	1.0	2.0		1.0	2.5	2.0	2.0
M18-167057	1.4	1.0	2.0		1.0	2.0	1.5	1.0
ORC 5023	1.4	1.0	2.0		1.0	2.0	1.5	1.0

UNIFORM TEST I, 2025

SEED SIZE (g/100)

Strain	Rose-mount MN	Waseca MN	Cotes-field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood-stock ONT
MN1511CN (SCN) (I)	15.5	16.4		12.5	14.3	14.4	13.0	12.8
ND Dickey (0) (E)	19.3	21.0		14.4	16.4	17.3	15.9	16.0
E15338	18.6	18.4		13.9	15.6	16.4	16.8	16.3
MN1905CN (L)	18.6	19.0		14.7	15.6	16.2	16.9	16.1
A18209-26	17.1	17.4		14.2	14.6	16.0	15.4	15.1
A18273-17	18.3	17.3		15.3	16.1	16.5	17.0	16.0
A18302-39	15.9	15.7		13.8	13.4	14.2	15.2	14.0
A18321-3Y	19.3	18.3		15.3	16.3	16.9	17.1	16.9
A18325-2Y	19.2	18.8		15.6	16.5	18.1	18.0	17.9
A18372-90	18.4	19.0		15.8	16.8	16.5	16.0	15.8
E20078	18.1	17.1		15.1	15.7	16.0	16.9	16.2
E21100	19.3	17.7		13.7	15.1	16.4	17.8	16.4
LD18-4787F	17.9	19.2		15.6	16.3	17.2	18.2	17.0
M18-105005	20.6	19.7		17.0	18.4	18.8	19.1	18.3
M18-167057	19.5	17.0		14.0	16.9	17.5	17.8	16.3
ORC 5023	21.1	19.3		16.6	17.4	18.6	18.8	18.0

UNIFORM TEST I, 2025

SEED QUALITY (score)

Strain	Rose-mount MN	Waseca MN	Cotes-field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood-stock ONT
MN1511CN (SCN) (I)	1.0	2.0		2.0	1.0	2.0	1.5	2.0
ND Dickey (0) (E)	1.0	2.0		1.5	1.0	2.0	1.5	2.0
E15338	1.0	2.0		1.0	1.0	2.0	1.5	1.0
MN1905CN (L)	2.0	2.0		1.0	1.0	1.7	2.0	1.0
A18209-26	1.0	1.0		1.0	1.0	2.0	1.5	2.0
A18273-17	1.0	1.0		1.0	1.0	1.0	1.5	1.0
A18302-39	1.0	2.0		1.0	1.0	2.0	1.5	1.0
A18321-3Y	1.0	1.0		1.0	1.0	2.0	1.5	2.0
A18325-2Y	1.0	1.0		1.0	1.0	2.0	2.0	1.0
A18372-90	1.0	1.0		1.0	1.0	1.3	2.0	1.0
E20078	1.0	1.0		1.0	1.0	1.7	1.5	1.0
E21100	2.0	1.0		1.0	1.0	1.0	1.5	1.0
LD18-4787F	2.0	1.0		1.0	1.0	2.0	1.5	2.0
M18-105005	2.0	2.0		1.0	1.0	2.7	2.0	3.0
M18-167057	1.0	1.0		1.0	1.0	1.7	1.5	2.0
ORC 5023	1.0	1.0		1.0	1.0	2.0	1.5	2.0

UNIFORM TEST I, 2025

PROTEIN (%)

Strain	Mean 13 Tests	Ames IA	Suther- land IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN
MN1511CN (SCN) (I)	33.7	33.5	34.6		33.4	32.8	34.1	35.3
ND Dickey (0) (E)	34.5	35.1	35.2		35.6	34.0	33.7	33.8
E15338	33.7	33.8	32.9		33.3	32.7	34.2	35.9
MN1905CN (L)	34.3	34.1	34.8		33.9	34.1	35.2	35.1
A18209-26	34.7	33.5	33.9		34.3	34.3	34.9	36.5
A18273-17	34.8	32.6	35.1		34.5	34.2	34.4	36.0
A18302-39	34.1	33.5	33.9		34.2	34.2	34.7	35.8
A18321-3Y	36.4	36.2	36.8		37.4	35.3	35.9	38.0
A18325-2Y	36.3	35.5	35.6		36.7	36.0	36.4	38.4
A18372-90	36.1	34.6	36.9		30.0	36.6	36.2	39.5
E20078	33.8	32.1	33.6		33.1	34.6	32.5	35.0
E21100	33.2	32.2	31.7		32.6	33.0	34.7	35.0
LD18-4787F	34.3	33.9	35.1		33.8	33.9	35.1	35.3
M18-105005	36.7	36.5	37.1		39.8	35.0	36.6	37.9
M18-167057	33.9	33.3	33.8		34.5	32.1	34.9	35.3
ORC 5023	34.6	33.6	34.9		34.0	33.3	33.5	36.8

UNIFORM TEST I, 2025

OIL (%)

Strain	Mean 13 Tests	Ames IA	Suther- land IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN
MN1511CN (SCN) (I)	18.7	19.5	19.2		19.8	18.3	18.9	17.8
ND Dickey (0) (E)	18.5	19.0	19.3		19.2	18.3	19.3	17.7
E15338	18.6	19.1	19.2		19.6	18.6	18.6	17.7
MN1905CN (L)	19.1	19.5	19.4		20.1	18.8	18.6	19.0
A18209-26	18.4	19.4	19.4		19.3	18.2	18.4	17.7
A18273-17	18.1	19.7	18.4		19.1	17.8	18.3	17.8
A18302-39	18.2	19.2	19.1		19.1	17.3	18.2	17.7
A18321-3Y	17.8	18.9	18.3		18.4	17.0	18.1	17.5
A18325-2Y	17.9	18.5	18.8		18.6	17.7	18.3	17.2
A18372-90	17.7	19.2	18.4		21.1	16.9	17.8	16.3
E20078	18.6	19.9	19.4		20.2	16.3	19.7	18.0
E21100	18.6	19.5	20.1		19.8	18.3	18.2	17.9
LD18-4787F	17.5	18.1	18.1		18.6	17.0	17.8	17.2
M18-105005	17.5	18.4	18.0		18.5	17.6	17.4	16.8
M18-167057	19.7	20.2	19.8		20.3	19.8	21.3	19.1
ORC 5023	19.1	20.0	19.4		20.3	19.6	19.8	18.5

UNIFORM TEST I, 2025

PROTEIN (%)

Strain	Rose-mount MN	Waseca MN	Cotes-field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood-stock ONT
MN1511CN (SCN) (I)	34.8	33.5		34.0	33.7	32.6	34.5	31.8
ND Dickey (0) (E)	34.5	34.7		36.0	34.4	33.1	34.8	33.5
E15338	35.1	33.6		33.4	33.3	32.8	34.1	32.7
MN1905CN (L)	35.1	34.6		33.1	33.8	34.0	35.1	33.1
A18209-26	36.1	35.0		34.4	34.2	34.0	35.5	34.0
A18273-17	36.3	34.1		35.8	34.6	34.6	37.2	33.4
A18302-39	35.1	33.7		33.8	33.7	32.9	34.3	33.2
A18321-3Y	37.9	36.1		36.4	36.5	34.4	36.6	35.4
A18325-2Y	37.5	36.6		33.1	36.7	36.5	37.2	35.3
A18372-90	38.3	36.0		35.8	37.0	35.4	37.9	35.8
E20078	35.4	34.1		32.0	34.3	33.8	36.2	33.1
E21100	33.4	32.2		33.4	32.9	32.7	34.6	33.0
LD18-4787F	34.7	35.2		34.5	32.8	33.7	34.5	33.0
M18-105005	36.3	37.0		37.6	36.6	33.7	37.3	36.2
M18-167057	34.8	33.8		34.3	33.1	33.7	34.9	31.9
ORC 5023	34.9	35.3		34.9	34.1	35.4	35.6	33.8

UNIFORM TEST I, 2025

OIL (%)

Strain	Rose-mount MN	Waseca MN	Cotes-field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood-stock ONT
MN1511CN (SCN) (I)	18.1	18.7		19.7	19.3	18.2	17.4	18.6
ND Dickey (0) (E)	18.2	18.4		18.9	18.5	18.1	17.0	18.0
E15338	18.2	18.9		18.7	19.2	17.9	17.4	18.5
MN1905CN (L)	19.0	19.2		20.1	19.7	18.3	17.2	18.9
A18209-26	17.8	18.4		19.0	18.7	17.2	17.0	18.1
A18273-17	17.1	18.2		18.8	18.6	17.1	16.4	18.0
A18302-39	18.0	18.4		19.7	18.9	17.1	16.9	17.2
A18321-3Y	17.0	18.3		18.8	18.6	17.4	15.7	17.1
A18325-2Y	17.0	17.3		20.7	17.9	16.5	16.4	17.4
A18372-90	16.8	17.8		18.9	17.7	16.8	15.4	16.7
E20078	18.1	18.9		19.1	19.4	17.7	16.5	18.1
E21100	18.7	18.9		19.2	19.0	17.6	16.8	17.9
LD18-4787F	17.3	17.7		18.3	18.5	16.8	15.9	16.1
M18-105005	17.1	17.6		18.0	17.5	18.2	15.8	16.9
M18-167057	19.0	19.7		20.1	20.2	18.3	18.2	19.7
ORC 5023	18.9	19.1		20.1	18.3	18.1	17.3	19.1

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**Northern Regional Uniform Test
Preliminary Test I, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	MN1511CN (SCN) (I)	M06-288181	M06-358188	Lorenz		F8	SCN, Rps1c
2	ND Dickey (0) (E)	P. 91M10	Sheyenne	Miranda		F4	Rps1c
3	E15338	E09088	E12901	Wang		F5	SCN
4	MN1905CN (L)	M08-365038	IA1026	Lorenz		F9	Yld, SCN
5	A19205-8Y	U14-910097 / LD15-456	A14011-77	Singh	Initial	F5	
6	A19335-18Y	A14011-77	U16-932015	Singh	Initial	F5	
7	E23010	E14077	E15339	Wang	Initial	F5	
8	LD22-9089	E15338	G151200	Monteverde	Initial	F5	SCN
9	M19-106062	M12-357057	M12-373033	Lorenz	Initial	F5	SCN
10	M19-131015	M12-354012	AR15-158072	Lorenz	Initial	F5	YLDCN
11	M19-158047	ND14-2671	M13-194010	Lorenz	Initial	F5	YLD-Div
12	M19-172049	M12-354012	U14-910097	Lorenz	Initial	F5	SCN/SCN NOVEL
13	M19-173008	M08-362045L	U14-910097	Lorenz	Initial	F5	SCN/SCN NOVEL
14	M19-173015	M08-362045L	U14-910097	Lorenz	Initial	F5	SCN/SCN NOVEL
15	M19-173027	M08-362045L	U14-910097	Lorenz	Initial	F5	SCN/SCN NOVEL
16	M19-173031	M08-362045L	U14-910097	Lorenz	Initial	F5	SCN/SCN NOVEL
17	M19-173039	M08-362045L	U14-910097	Lorenz	Initial	F5	SCN/SCN NOVEL
18	M19-173046	M08-362045L	U14-910097	Lorenz	Initial	F5	SCN/SCN NOVEL
19	M19-186032	M07-209037	M09-285032	Lorenz	Initial	F5	Rhizoc
20	M19-239010	M08-362045L	LD14-4098a	Lorenz	Initial	F5	APHIDCN
21	M19-239026	M08-362045L	LD14-4098a	Lorenz	Initial	F5	APHIDCN: Rag1+Rag2
22	M19-239030	M08-362045L	LD14-4098a	Lorenz	Initial	F5	APHIDCN
23	M19-242007	M14-152051	LD14-4098a	Lorenz	Initial	F5	APHID
24	OAC 22-31C-SCN	OAC Malory	OAC Prescott	Rajcan	Initial	F5	
25	OAC 23-29C-SCN	Tala	SC 6014N	Rajcan	Initial	F5	
26	OAC 23-42C-SCN	OAC Prosper	OAC Prescott	Rajcan	Initial	F5	
27	ORC 6024	OAC Bruton	16.149.3985	Eskandari	Initial	F4	Conventional / SCN / Foodgrade
28	ORC 6424	SC 8415N	Tala	Eskandari	Initial	F4	Conventional / SCN / Foodgrade
29	ORC 6724	SC 8415N	Tala	Eskandari	Initial	F4	Conventional / SCN / Foodgrade
30	ORC 7124	OAC Bruton	U14-103015	Eskandari	Initial	F4	Conventional / SCN / Foodgrade
31	ORC 7424	OAC Bruton	SC 3116N	Eskandari	Initial	F4	Conventional / SCN / Foodgrade

PRELIMINARY TEST I, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	IDC Score	
		Crooks-ton	Climax
MN1511CN (SCN) (I)	PGBDYBfi	1.8	2.4
ND Dickey (0) (E)	PGTDYYI		
E15338	PGBDYIbi		
MN1905CN (L)	PTBDYYI	1.3	2.2
A19205-8Y	PGTDYYI	2.5	2.9
A19335-18Y	PLtBDYYI	2.0	1.9
E23010	WLtTSYBI	2.8	2.4
LD22-9089	PGBDYI	2.0	2.7
M19-106062	WGTSYYI	2.5	2.7
M19-131015	PLtB+TDYYI	2.0	2.5
M19-158047	P+WGBDYHI	2.0	1.9
M19-172049	PGBDYHI	3.0	2.9
M19-173008	PLt+GTDYHI	2.0	1.8
M19-173015	P+WT+GTDYHI	2.3	2.4
M19-173027	WGTDYBfi	2.5	2.5
M19-173031	P+WGTDYBfi	3.0	2.5
M19-173039	WGTSYBfi	2.5	2.8
M19-173046	WGTSYBfi	1.8	2.3
M19-186032	PTBDYYI	3.0	2.4
M19-239010	P+WT+LtB+TDYHI	2.0	1.9
M19-239026	WLtTDYBI	2.5	2.2
M19-239030	WTTSYBI	2.0	2.3
M19-242007	PTTDYYI	1.8	1.7
OAC 22-31C-SCN	PLt+GBSYYI	3.0	2.3
OAC 23-29C-SCN	PT+LtBDYHI	2.5	2.5
OAC 23-42C-SCN	PTBSYHI	2.0	2.6
ORC 6024	WGBDYI	2.3	2.4
ORC 6424	WGBSYYI	2.5	2.7
ORC 6724	WGBSYYI	2.0	3.2
ORC 7124	PGBDYGI	2.0	2.3
ORC 7424	WGBDYI	3.0	2.9

PRELIMINARY TEST I, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield 12 bu/a	Rank 12 No.	Maturity 11 Date	Lodging 12 Score	Plant Height 12 In.	Seed Size 12 g/100	Seed Quality 12 Score	Composition	
								Protein 11 %	Oil 11 %
MN1511CN (SCN) (I)	55.2	31	9/14	1.6	34	14.4	1.7	33.7	18.9
ND Dickey (0) (E)	58.3	26	-3.5	1.8	32	17.8	1.6	34.4	18.4
E15338	69.5	9	5.4	2.1	36	16.6	1.4	33.9	18.6
MN1905CN (L)	68.0	12	5.6	1.8	36	17.1	1.7	34.6	19.0
A19205-8Y	75.6	1	7.4	1.3	33	13.9	1.3	34.5	18.4
A19335-18Y	73.3	2	7.0	1.2	35	17.5	1.6	33.6	18.9
E23010	71.6	3	10.5	1.7	36	15.8	1.2	32.8	18.7
LD22-9089	69.8	7	6.9	1.6	36	16.8	1.5	34.3	18.0
M19-106062	69.6	8	8.7	1.7	34	17.1	1.6	33.1	18.9
M19-131015	70.0	6	6.3	1.9	37	17.9	1.6	34.8	19.1
M19-158047	68.0	13	6.0	2.1	38	17.1	1.6	34.2	19.1
M19-172049	62.8	18	0.2	1.4	32	14.6	1.4	32.3	20.0
M19-173008	68.8	11	1.1	1.7	30	17.2	1.8	33.2	19.7
M19-173015	67.7	14	3.8	1.8	32	16.6	1.7	33.2	19.4
M19-173027	70.6	5	3.8	2.2	34	15.2	1.5	33.7	19.2
M19-173031	62.5	19	2.1	1.6	32	17.5	1.5	34.7	18.8
M19-173039	71.3	4	4.2	1.9	32	15.6	1.4	33.8	18.7
M19-173046	69.4	10	3.6	1.9	33	15.5	1.3	33.6	19.2
M19-186032	63.2	17	-2.6	1.5	33	14.8	2.0	33.9	19.3
M19-239010	65.1	15	1.5	1.8	32	17.5	1.8	34.2	19.1
M19-239026	64.5	16	6.5	1.3	33	17.8	1.6	34.7	18.2
M19-239030	57.9	27	-0.4	1.8	34	17.5	1.8	33.7	19.1
M19-242007	62.2	21	3.2	1.2	29	16.0	1.6	34.5	18.7
OAC 22-31C-SCN	57.8	28	0.6	2.2	39	18.4	1.6	35.1	18.4
OAC 23-29C-SCN	59.0	25	-1.8	1.6	32	21.2	1.8	36.7	18.3
OAC 23-42C-SCN	57.4	29	0.8	1.9	33	19.1	1.9	35.0	18.7
ORC 6024	60.3	22	3.6	2.0	37	20.5	1.8	35.4	18.9
ORC 6424	60.3	23	3.6	2.1	34	20.8	1.9	35.9	18.3
ORC 6724	62.4	20	1.3	2.8	36	18.6	1.8	36.5	18.5
ORC 7124	59.3	24	1.2	2.4	34	18.7	1.8	35.6	18.5
ORC 7424	56.1	30	-0.8	1.8	31	20.5	2.3	35.7	19.0
Mean	64.8			1.8	33.8	17.3	1.6	34.4	18.8
C.V. (%)	8.9								
L.S.D. (5%)	2.7								

123.5 Days After Planting

PRELIMINARY TEST I, 2025

YIELD (bu/a)

Strain	Mean 12 Tests	Ames IA	Suther- land IA*	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	55.2	43.9	19.4	58.9	51.1	59.6	42.6
ND Dickey (0) (E)	58.3	37.6	34.6	58.6	53.6	68.5	53.6
E15338	69.5	60.9	65.2	72.0	56.0	72.3	65.2
MN1905CN (L)	68.0	59.8	46.4	80.5	53.5	67.2	61.8
A19205-8Y	75.6	72.9	64.9	81.0	63.2	77.4	72.3
A19335-18Y	73.3	63.0	68.8	79.0	65.3	82.2	70.9
E23010	71.6	67.0	72.5	78.6	61.6	79.8	70.7
LD22-9089	69.8	73.5	60.5	73.6	52.3	73.6	71.1
M19-106062	69.6	61.0	65.1	76.5	58.3	69.1	71.3
M19-131015	70.0	57.1	65.7	76.3	54.3	81.9	75.3
M19-158047	68.0	61.1	68.0	78.2	52.2	75.5	63.7
M19-172049	62.8	45.3	48.4	68.9	56.1	68.6	61.0
M19-173008	68.8	43.3	52.3	75.6	61.6	70.7	76.6
M19-173015	67.7	62.6	59.7	72.6	67.4	64.9	73.5
M19-173027	70.6	52.5	65.9	77.1	63.5	76.6	63.0
M19-173031	62.5	50.1	62.2	75.6	54.1	65.8	62.6
M19-173039	71.3	56.9	66.4	78.0	61.6	77.7	71.7
M19-173046	69.4	45.1	60.3	75.6	57.3	78.1	62.6
M19-186032	63.2	53.1	47.5	66.8	50.7	67.5	57.4
M19-239010	65.1	45.9	32.0	70.9	59.6	72.0	64.6
M19-239026	64.5	50.4	55.4	78.2	54.4	70.1	56.0
M19-239030	57.9	42.2	46.0	65.1	47.4	62.7	57.1
M19-242007	62.2	60.8	61.7	73.8	51.0	66.6	55.7
OAC 22-31C-SCN	57.8	41.5	39.1	74.9	50.9	69.3	62.3
OAC 23-29C-SCN	59.0	44.5	55.6	64.5	55.2	60.1	53.1
OAC 23-42C-SCN	57.4	48.5	57.4	71.0	54.0	60.3	46.2
ORC 6024	60.3	48.1	59.0	66.6	52.3	65.1	56.6
ORC 6424	60.3	49.9	61.2	70.8	48.9	74.0	50.9
ORC 6724	62.4	47.2	55.2	70.6	50.6	64.6	63.3
ORC 7124	59.3	39.8	40.0	78.4	52.7	76.1	62.0
ORC 7424	56.1	36.9	59.1	60.0	48.8	55.6	63.2
Location Mean		52.3	55.3	72.5	55.5	70.1	62.5
C.V. (%)		10.5	17.5	5.3	10.9	7.5	10.6
L.S.D. (5%)		11.2	19.8	7.8	12.4	8.5	10.9
Row Sp. (In.)		30	30	30	15	30	30
Rows/Plot		4	4	4	6	4	4
Reps		2	2	2	2	3	3

* Data not included in mean.

PRELIMINARY TEST I, 2025

YIELD (bu/a)

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	66.6	84.3	46.3	70.5	52.6	58.6	36.9
ND Dickey (0) (E)	66.8	83.0	35.7	80.0	83.4	56.3	35.1
E15338	69.8	87.4	67.3	94.4	86.6	64.6	48.4
MN1905CN (L)	68.0	100.6	64.1	79.0	74.7	71.0	47.1
A19205-8Y	78.2	98.5	76.5	89.8	82.8	74.2	52.2
A19335-18Y	73.4	101.7	72.0	87.7	73.5	80.7	40.1
E23010	68.7	98.1	62.0	78.4	88.4	67.2	49.1
LD22-9089	70.9	85.3	61.7	81.1	80.6	72.3	52.5
M19-106062	70.6	93.0	63.1	76.1	90.3	73.2	43.7
M19-131015	71.7	80.8	55.3	83.3	99.8	66.8	48.3
M19-158047	69.3	88.5	66.6	84.1	74.3	65.3	47.6
M19-172049	72.1	67.7	63.3	85.7	73.8	60.7	43.4
M19-173008	68.1	91.4	61.5	80.6	81.6	81.4	43.6
M19-173015	73.1	71.5	53.5	75.4	95.7	68.1	44.9
M19-173027	74.6	90.9	66.4	81.5	97.6	69.9	44.4
M19-173031	67.7	83.6	44.5	73.2	74.9	70.4	38.7
M19-173039	75.3	96.1	66.9	75.9	93.2	65.5	47.4
M19-173046	71.7	85.9	64.1	89.4	93.4	77.0	44.1
M19-186032	72.3	84.4	66.3	57.4	98.1	55.3	40.2
M19-239010	68.7	79.8	47.7	72.7	91.5	69.6	49.4
M19-239026	63.3	85.9	57.2	77.4	78.7	71.6	42.0
M19-239030	65.3	70.1	48.8	75.1	80.0	54.1	37.9
M19-242007	61.7	77.8	58.4	75.0	75.0	59.8	42.0
OAC 22-31C-SCN	57.0	70.5	30.3	58.7	77.2	69.0	43.3
OAC 23-29C-SCN	56.0	77.4	43.1	78.6	83.8	62.3	39.2
OAC 23-42C-SCN	62.8	66.5	25.6	61.9	79.2	74.0	46.5
ORC 6024	58.1	72.9	35.4	74.1	93.1	66.7	45.6
ORC 6424	56.2	72.8	36.9	78.8	82.9	65.4	44.6
ORC 6724	64.0	65.4	40.0	75.5	102.1	72.8	43.4
ORC 7124	63.1	68.9	22.9	57.3	85.1	71.9	46.4
ORC 7424	56.7	63.0	40.6	63.6	88.4	62.6	42.8
Location Mean	67.1	82.1	53.0	76.5	84.2	67.7	44.2
C.V. (%)	6.7	11.6	11.2	5.9	6.2	6.6	6.8
L.S.D. (5%)	7.3	19.4	12.2	9.3	10.7	9.1	6.1
Row Sp. (In.)	30	30	30	30	17	13	13
Rows/Plot	4	4	4	4	5	4	4
Reps	3	2	2	2	2	2	2

PRELIMINARY TEST I, 2025

YIELD RANK

Strain	Mean 12 Tests	Ames IA	Suther- land IA	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	31	25	31	30	24	30	31
ND Dickey (0) (E)	26	30	29	31	18	19	27
E15338	9	8	7	19	12	12	10
MN1905CN (L)	12	10	25	2	19	21	20
A19205-8Y	1	2	9	1	4	6	4
A19335-18Y	2	4	2	3	2	1	8
E23010	3	3	1	4	7	3	9
LD22-9089	7	1	13	17	21	11	7
M19-106062	8	7	8	10	9	17	6
M19-131015	6	11	6	11	15	2	2
M19-158047	13	6	3	7	23	9	12
M19-172049	18	22	23	24	11	18	21
M19-173008	11	26	22	12	5	14	1
M19-173015	14	5	15	18	1	25	3
M19-173027	5	14	5	9	3	7	15
M19-173031	19	16	10	12	16	23	16
M19-173039	4	12	4	8	5	5	5
M19-173046	10	23	14	12	10	4	17
M19-186032	17	13	24	25	27	20	22
M19-239010	15	21	30	21	8	13	11
M19-239026	16	15	20	6	14	15	25
M19-239030	27	27	26	27	31	27	23
M19-242007	21	9	11	16	25	22	26
OAC 22-31C-SCN	28	28	28	15	26	16	18
OAC 23-29C-SCN	25	24	19	28	13	29	28
OAC 23-42C-SCN	29	18	18	20	17	28	30
ORC 6024	22	19	17	26	22	24	24
ORC 6424	23	17	12	22	29	10	29
ORC 6724	20	20	21	23	28	26	13
ORC 7124	24	29	27	5	20	8	19
ORC 7424	30	31	16	29	30	31	14

PRELIMINARY TEST I, 2025

YIELD RANK

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	20	15	21	26	31	28	30
ND Dickey (0) (E)	19	17	27	11	16	29	31
E15338	12	10	3	1	13	23	5
MN1905CN (L)	17	2	8	12	27	11	9
A19205-8Y	1	3	1	2	18	4	2
A19335-18Y	4	1	2	4	30	2	26
E23010	15	4	12	15	11	17	4
LD22-9089	10	13	13	9	20	8	1
M19-106062	11	6	11	17	10	6	17
M19-131015	8	18	17	7	2	18	6
M19-158047	13	9	5	6	28	22	7
M19-172049	7	28	10	5	29	26	20
M19-173008	16	7	14	10	19	1	18
M19-173015	5	24	18	20	5	16	13
M19-173027	3	8	6	8	4	13	15
M19-173031	18	16	22	24	26	12	28
M19-173039	2	5	4	18	7	20	8
M19-173046	9	12	9	3	6	3	16
M19-186032	6	14	7	30	3	30	25
M19-239010	14	19	20	25	9	14	3
M19-239026	23	11	16	16	23	10	23
M19-239030	21	26	19	21	21	31	29
M19-242007	26	20	15	22	25	27	24
OAC 22-31C-SCN	28	25	29	29	24	15	21
OAC 23-29C-SCN	31	21	23	14	15	25	27
OAC 23-42C-SCN	25	29	30	28	22	5	10
ORC 6024	27	22	28	23	8	19	12
ORC 6424	30	23	26	13	17	21	14
ORC 6724	22	30	25	19	1	7	19
ORC 7124	24	27	31	31	14	9	11
ORC 7424	29	31	24	27	11	24	22

PRELIMINARY TEST I, 2025

MATURITY (date)

Strain	Mean 11 Tests	Ames IA	Suther- land IA	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	9/14	9/5	9/6	9/3	9/20	9/21	9/20
ND Dickey (0) (E)	-4	-1	-1	-4	-2	-7	-4
E15338	5	7	8	4	5	6	5
MN1905CN (L)	6	8	6	8	6	3	4
A19205-8Y	7	11	10	6	7	5	9
A19335-18Y	7	9	12	6	8	4	6
E23010	10	13	14	12	12	8	13
LD22-9089	7	7	8	6	7	5	7
M19-106062	9	8	10	11	11	8	10
M19-131015	6	9	5	8	7	8	6
M19-158047	6	7	8	6	6	5	5
M19-172049	0	4	3	1	0	-4	1
M19-173008	1	1	3	1	2	-3	2
M19-173015	4	3	5	2	7	4	2
M19-173027	4	3	5	4	6	6	3
M19-173031	2	4	4	2	5	0	3
M19-173039	4	4	5	4	6	5	3
M19-173046	4	2	3	4	6	5	3
M19-186032	-3	-1	1	-2	-1	-7	-4
M19-239010	1	3	2	2	6	-1	1
M19-239026	6	8	10	9	6	5	5
M19-239030	-0	0	1	-1	1	0	-1
M19-242007	3	7	6	4	3	-1	2
OAC 22-31C-SCN	1	-1	3	1	2	3	1
OAC 23-29C-SCN	-2	0	1	-2	3	-3	-4
OAC 23-42C-SCN	1	2	4	3	2	0	0
ORC 6024	4	4	5	5	6	7	0
ORC 6424	4	4	6	5	7	7	3
ORC 6724	1	3	2	0	4	5	0
ORC 7124	1	-2	1	6	4	6	1
ORC 7424	-1	-2	2	-1	0	0	-3
Date Planted	5/13	5/12	4/23	5/9	6/3	5/8	5/1
Days to Mature	123	116	136	117	109	136	142

PRELIMINARY TEST I, 2025

MATURITY (date)

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)		9/14	9/6		9/18	9/23	9/20
ND Dickey (0) (E)		-3	-7		-4	-3	-5
E15338		7	6		3	7	3
MN1905CN (L)		7	8		3	6	4
A19205-8Y		11	9		6	6	4
A19335-18Y		9	9		5	6	4
E23010		10	10		7	11	6
LD22-9089		11	8		4	10	5
M19-106062		11	9		6	10	4
M19-131015		11	6		5	6	0
M19-158047		8	8		5	6	5
M19-172049		2	-1		0	-2	-2
M19-173008		5	2		0	-1	1
M19-173015		8	3		6	2	1
M19-173027		6	4		2	6	-1
M19-173031		5	2		1	1	-2
M19-173039		7	5		1	6	1
M19-173046		6	5		2	4	2
M19-186032		-2	1		-5	-4	-5
M19-239010		-1	2		1	1	1
M19-239026		6	8		3	9	5
M19-239030		-5	-3		1	4	-3
M19-242007		1	5		4	5	3
OAC 22-31C-SCN		1	-7		1	4	-1
OAC 23-29C-SCN		-2	-6		-3	-2	-3
OAC 23-42C-SCN		1	-4		1	3	-3
ORC 6024		6	0		2	5	2
ORC 6424		4	3		1	4	-1
ORC 6724		1	-2		0	5	-3
ORC 7124		1	-9		0	5	3
ORC 7424		-1	-8		-1	5	-2
Date Planted	5/12	5/14	5/5	5/31	5/20	5/28	5/27
Days to Mature		123	124		121	118	116

PRELIMINARY TEST I, 2025

LODGING (score)

Strain	Mean 12 Tests	Ames IA	Suther- land IA	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	1.6	1.0	2.0	1.5	1.0	1.0	2.3
ND Dickey (0) (E)	1.8	1.0	3.5	1.5	1.0	1.0	3.0
E15338	2.1	1.5	3.0	2.5	1.5	1.0	3.0
MN1905CN (L)	1.8	2.5	3.0	1.5	1.0	1.3	3.0
A19205-8Y	1.3	1.0	1.5	1.0	1.0	1.0	2.0
A19335-18Y	1.2	1.0	1.5	1.5	1.0	1.0	2.0
E23010	1.7	1.0	2.0	2.0	2.5	1.0	3.0
LD22-9089	1.6	1.5	1.5	1.0	1.0	1.3	2.3
M19-106062	1.7	1.0	2.5	2.0	1.0	1.0	2.0
M19-131015	1.9	1.5	3.0	1.0	1.0	1.3	2.0
M19-158047	2.1	1.0	2.5	2.0	1.5	1.0	3.0
M19-172049	1.4	1.0	1.5	1.5	1.0	1.0	2.0
M19-173008	1.7	2.0	3.0	1.0	1.0	1.0	2.7
M19-173015	1.8	2.0	2.5	1.5	1.0	1.3	3.0
M19-173027	2.2	2.5	3.0	1.0	1.5	2.0	3.0
M19-173031	1.6	1.0	1.5	1.0	1.0	1.3	2.3
M19-173039	1.9	1.5	2.5	1.5	1.0	1.0	3.0
M19-173046	1.9	2.0	3.0	1.0	1.0	1.3	3.0
M19-186032	1.5	2.0	2.0	1.0	1.0	1.7	2.7
M19-239010	1.8	1.5	3.5	1.0	1.0	1.0	2.7
M19-239026	1.3	1.0	2.0	1.0	1.0	1.0	2.0
M19-239030	1.8	2.0	2.5	1.0	1.0	1.7	2.3
M19-242007	1.2	1.0	2.0	1.0	1.0	1.0	2.0
OAC 22-31C-SCN	2.2	2.5	3.5	1.5	1.0	1.0	3.3
OAC 23-29C-SCN	1.6	1.0	2.5	1.5	1.0	1.0	2.7
OAC 23-42C-SCN	1.9	2.0	3.0	1.0	1.5	1.3	1.0
ORC 6024	2.0	2.5	3.5	1.5	1.0	1.0	2.7
ORC 6424	2.1	2.5	3.0	2.0	1.0	2.0	3.0
ORC 6724	2.8	3.0	3.5	2.0	1.5	1.7	3.3
ORC 7124	2.4	2.0	4.0	2.0	1.5	2.0	2.7
ORC 7424	1.8	2.5	3.5	1.0	1.0	1.0	2.3

PRELIMINARY TEST I, 2025

LODGING (score)

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	2.3	1.5	2.5		1.5	1.0	1.0
ND Dickey (0) (E)	1.7	1.5	3.0		1.5	1.3	1.0
E15338	2.0	2.0	2.0		2.5	2.8	1.0
MN1905CN (L)	2.3	1.5	2.0		1.5	1.0	1.0
A19205-8Y	2.0	1.0	1.5		1.0	1.8	1.0
A19335-18Y	1.3	1.0	1.5		1.0	1.0	1.0
E23010	2.0	1.0	1.5		1.5	2.3	1.0
LD22-9089	2.0	1.5	2.0		2.5	1.8	1.0
M19-106062	2.0	2.0	2.0		3.0	1.0	1.0
M19-131015	2.7	2.0	2.0		3.0	1.8	1.0
M19-158047	3.0	3.0	2.5		2.5	2.0	1.0
M19-172049	2.0	1.0	2.5		1.0	1.5	1.0
M19-173008	1.7	2.0	3.0		1.0	1.0	1.0
M19-173015	2.3	1.5	2.5		2.0	1.0	1.0
M19-173027	2.7	3.0	3.0		2.5	1.5	1.0
M19-173031	2.3	2.0	3.0		1.8	1.0	1.0
M19-173039	2.7	2.0	2.0		2.5	1.5	1.0
M19-173046	3.0	2.0	2.0		2.5	1.5	1.0
M19-186032	1.7	1.0	2.0		1.0	1.0	1.0
M19-239010	2.3	2.5	2.5		1.5	1.0	1.0
M19-239026	2.0	1.0	1.5		1.0	1.0	1.0
M19-239030	2.0	1.5	2.5		2.0	1.5	1.0
M19-242007	1.0	1.0	1.5		1.0	1.3	1.0
OAC 22-31C-SCN	2.0	3.0	3.5		2.0	1.5	1.0
OAC 23-29C-SCN	1.7	1.5	3.5		1.0	1.0	1.0
OAC 23-42C-SCN	3.0	2.5	2.5		2.0	2.5	1.0
ORC 6024	2.0	2.5	3.0		2.3	1.3	1.0
ORC 6424	2.7	1.5	3.0		2.5	1.0	1.0
ORC 6724	3.3	4.0	3.5		3.0	3.3	1.0
ORC 7124	2.7	2.5	3.5		2.8	2.5	1.0
ORC 7424	3.0	1.5	3.0		1.0	1.3	1.0

PRELIMINARY TEST I, 2025

PLANT HEIGHT (inches)

Strain	Mean 12 Tests	Ames IA	Suther- land IA	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	34	32	27	36	34	38	38
ND Dickey (0) (E)	32	29	27	30	32	36	34
E15338	36	36	34	36	38	39	37
MN1905CN (L)	36	38	33	38	38	35	38
A19205-8Y	33	33	30	32	33	36	34
A19335-18Y	35	33	31	35	37	38	36
E23010	36	37	34	37	41	35	39
LD22-9089	36	39	33	35	33	38	38
M19-106062	34	34	31	37	34	39	38
M19-131015	37	35	34	37	37	38	35
M19-158047	38	33	31	38	36	41	39
M19-172049	32	30	31	32	34	30	36
M19-173008	30	29	29	28	32	35	32
M19-173015	32	33	29	32	36	37	34
M19-173027	34	36	30	34	40	35	35
M19-173031	32	29	30	30	34	36	34
M19-173039	32	30	30	32	35	35	35
M19-173046	33	32	33	34	35	32	35
M19-186032	33	36	31	30	31	36	35
M19-239010	32	31	26	34	34	33	34
M19-239026	33	31	28	33	32	37	35
M19-239030	34	31	33	31	32	40	35
M19-242007	29	32	28	30	26	30	29
OAC 22-31C-SCN	39	37	32	40	40	38	43
OAC 23-29C-SCN	32	32	29	30	34	36	31
OAC 23-42C-SCN	33	32	29	34	35	37	23
ORC 6024	37	36	31	39	38	38	37
ORC 6424	34	29	36	35	36	37	36
ORC 6724	36	36	32	39	38	38	37
ORC 7124	34	31	31	34	36	40	34
ORC 7424	31	28	30	29	32	34	29

PRELIMINARY TEST I, 2025

PLANT HEIGHT (inches)

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	32	35	36		31	40	30
ND Dickey (0) (E)	34	29	33		35	34	30
E15338	34	33	37		38	40	29
MN1905CN (L)	35	32	39		39	35	31
A19205-8Y	34	28	35		36	38	29
A19335-18Y	35	30	39		35	37	31
E23010	36	35	36		38	38	31
LD22-9089	34	32	37		39	37	34
M19-106062	33	32	35		39	33	28
M19-131015	33	34	38		41	45	36
M19-158047	34	40	39		42	42	37
M19-172049	32	31	34		33	32	28
M19-173008	30	26	30		33	32	28
M19-173015	31	26	33		36	36	28
M19-173027	31	27	35		37	34	32
M19-173031	31	26	33		34	34	30
M19-173039	31	29	34		37	35	29
M19-173046	33	28	37		35	39	31
M19-186032	33	28	34		35	35	32
M19-239010	32	30	33		35	35	31
M19-239026	37	33	36		36	35	30
M19-239030	34	30	36		37	37	31
M19-242007	31	27	35		31	31	24
OAC 22-31C-SCN	33	38	43		41	44	39
OAC 23-29C-SCN	34	30	31		39	32	28
OAC 23-42C-SCN	33	28	33		38	41	38
ORC 6024	34	29	35		44	41	38
ORC 6424	33	29	37		39	34	31
ORC 6724	31	33	34		40	42	33
ORC 7124	34	30	30		38	41	35
ORC 7424	30	26	29		34	35	31

PRELIMINARY TEST I, 2025

SEED SIZE (g/100)

Strain	Mean 12 Tests	Ames IA	Suther- land IA	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	14.4	14.0	14.5	15.8	12.7	15.7	15.6
ND Dickey (0) (E)	17.8	18.5	19.5	17.3	16.0	20.9	19.4
E15338	16.6	14.5	15.5	15.4	15.2	19.8	19.2
MN1905CN (L)	17.1	17.0	17.0	17.3	15.6	19.1	18.6
A19205-8Y	13.9	12.5	12.5	12.8	13.3	15.6	14.7
A19335-18Y	17.5	16.0	17.0	16.4	16.4	21.3	19.5
E23010	15.8	13.5	15.0	13.2	15.9	18.3	19.0
LD22-9089	16.8	16.0	16.0	15.7	16.0	20.1	18.8
M19-106062	17.1	15.0	16.0	15.9	17.1	19.9	18.5
M19-131015	17.9	16.5	17.5	17.7	16.7	20.4	19.0
M19-158047	17.1	16.5	17.0	17.1	15.5	19.9	17.8
M19-172049	14.6	14.5	15.0	14.4	12.3	15.9	15.9
M19-173008	17.2	16.0	17.5	17.4	16.2	20.7	19.7
M19-173015	16.6	15.0	17.0	16.4	15.5	19.2	18.3
M19-173027	15.2	15.0	14.0	15.4	14.0	17.8	16.9
M19-173031	17.5	17.5	17.0	18.0	16.0	20.7	19.6
M19-173039	15.6	14.5	15.0	15.4	14.5	17.8	17.4
M19-173046	15.5	15.0	14.0	14.8	14.3	17.6	16.9
M19-186032	14.8	15.0	15.5	14.7	12.2	16.5	15.6
M19-239010	17.5	17.0	18.0	18.2	16.0	20.0	19.7
M19-239026	17.8	17.5	17.5	17.9	16.4	20.6	18.6
M19-239030	17.5	17.5	16.5	17.0	16.1	20.9	18.4
M19-242007	16.0	15.5	15.0	14.1	14.8	18.2	17.5
OAC 22-31C-SCN	18.4	16.5	19.5	18.4	16.8	23.1	20.7
OAC 23-29C-SCN	21.2	20.5	22.5	21.2	19.6	25.1	23.2
OAC 23-42C-SCN	19.1	18.5	18.5	20.6	17.8	22.0	23.3
ORC 6024	20.5	19.5	22.0	20.1	20.2	25.2	22.0
ORC 6424	20.8	19.5	22.0	22.3	19.3	26.0	23.4
ORC 6724	18.6	16.5	19.0	19.0	17.9	22.4	21.1
ORC 7124	18.7	15.5	17.0	18.6	18.2	24.9	20.9
ORC 7424	20.5	18.0	21.5	20.9	19.2	19.3	23.4

PRELIMINARY TEST I, 2025

SEED SIZE (g/100)

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	15.5		13.0	15.1	14.0	14.0	13.4
ND Dickey (0) (E)	20.8		14.9	14.9	19.4	17.1	14.8
E15338	18.8		14.4	15.4	18.1	18.4	14.8
MN1905CN (L)	18.3		14.9	15.6	16.6	17.9	17.3
A19205-8Y	16.0		12.2	15.1	13.5	14.5	13.6
A19335-18Y	20.7		14.9	15.1	16.7	18.7	17.3
E23010	17.4		13.9	15.1	14.5	17.9	15.7
LD22-9089	18.7		13.4	16.2	16.5	18.0	16.0
M19-106062	18.6		14.9	14.7	18.8	18.1	17.2
M19-131015	19.2		14.4	14.5	20.1	21.1	17.8
M19-158047	18.1		15.0	16.9	17.1	18.1	15.9
M19-172049	15.7		13.0	16.4	14.6	13.6	13.3
M19-173008	18.1		14.1	15.1	17.7	18.3	16.1
M19-173015	18.1		14.2	14.0	17.3	17.8	16.9
M19-173027	15.6		12.8	14.8	15.9	15.6	15.1
M19-173031	17.8		14.9	15.4	18.4	17.9	16.9
M19-173039	16.4		12.9	15.4	16.3	16.2	14.8
M19-173046	16.8		13.5	17.7	15.8	15.8	14.0
M19-186032	16.9		11.4	17.3	15.5	14.5	12.9
M19-239010	18.3		13.8	17.2	18.6	17.2	16.3
M19-239026	19.0		15.1	16.8	18.5	19.2	16.9
M19-239030	18.5		14.0	17.7	18.5	18.5	16.2
M19-242007	17.4		13.3	16.3	16.9	16.8	16.6
OAC 22-31C-SCN	19.8		13.8	17.1	19.0	18.6	17.3
OAC 23-29C-SCN	22.4		18.2	18.4	22.5	21.0	19.7
OAC 23-42C-SCN	19.9		15.0	16.3	19.9	20.0	17.5
ORC 6024	21.7		15.0	16.4	22.9	20.6	19.8
ORC 6424	22.9		17.5	15.6	21.4	20.7	19.0
ORC 6724	19.5		14.9	14.9	21.0	20.5	16.8
ORC 7124	20.3		12.9	17.0	19.6	20.7	18.6
ORC 7424	22.7		17.6	18.3	23.4	22.5	19.5

PRELIMINARY TEST I, 2025

SEED QUALITY (score)

Strain	Mean 12 Tests	Ames IA	Suther- land IA	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	1.7	1.5	2.5	1.0	2.0	2.0	2.0
ND Dickey (0) (E)	1.6	2.0	2.0	1.0	2.0	2.0	2.0
E15338	1.4	1.0	2.0	1.0	2.0	2.0	2.0
MN1905CN (L)	1.7	1.0	2.0	1.0	2.0	2.0	3.0
A19205-8Y	1.3	1.0	1.5	1.0	1.0	2.0	1.0
A19335-18Y	1.6	1.0	1.5	1.0	2.0	1.0	4.0
E23010	1.2	1.0	1.5	1.0	2.0	1.0	2.0
LD22-9089	1.5	1.0	1.5	1.0	2.0	2.0	3.0
M19-106062	1.6	1.0	2.0	1.0	2.0	2.0	3.0
M19-131015	1.6	1.0	2.0	1.5	2.0	2.0	2.0
M19-158047	1.6	1.0	2.0	1.0	2.0	2.0	3.0
M19-172049	1.4	1.0	2.0	1.0	2.0	2.0	2.0
M19-173008	1.8	1.0	2.0	1.0	2.0	3.0	2.0
M19-173015	1.7	1.0	2.0	1.0	2.0	3.0	3.0
M19-173027	1.5	1.0	2.0	1.0	2.0	2.0	1.0
M19-173031	1.5	1.0	2.0	1.0	2.0	2.0	2.0
M19-173039	1.4	1.0	1.5	1.0	2.0	2.0	2.0
M19-173046	1.3	1.0	2.0	1.0	2.0	1.0	2.0
M19-186032	2.0	1.5	2.0	1.5	2.0	3.0	2.0
M19-239010	1.8	1.0	2.0	1.5	2.0	2.0	4.0
M19-239026	1.6	1.0	2.0	1.0	2.0	2.0	3.0
M19-239030	1.8	1.5	2.0	1.0	3.0	2.0	2.0
M19-242007	1.6	1.0	2.0	1.0	1.5	1.0	3.0
OAC 22-31C-SCN	1.6	1.0	2.0	1.0	2.0	2.0	2.0
OAC 23-29C-SCN	1.8	1.0	2.5	1.0	2.0	2.0	3.0
OAC 23-42C-SCN	1.9	1.0	2.0	1.5	2.5	1.0	4.0
ORC 6024	1.8	1.5	2.0	1.0	2.0	3.0	3.0
ORC 6424	1.9	1.0	2.0	2.0	2.0	5.0	2.0
ORC 6724	1.8	1.0	2.5	1.5	2.0	3.0	3.0
ORC 7124	1.8	1.0	2.5	1.5	2.0	3.0	3.0
ORC 7424	2.3	1.0	2.5	1.0	3.0	3.0	4.0

PRELIMINARY TEST I, 2025

SEED QUALITY (score)

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	1.0		1.5	1.0	1.5	2.0	2.0
ND Dickey (0) (E)	1.0		0.9	1.0	1.0	2.0	2.0
E15338	1.0		1.0	1.0	1.0	2.0	1.0
MN1905CN (L)	2.0		1.0	1.0	1.0	2.0	2.0
A19205-8Y	2.0		0.9	1.0	1.0	2.0	1.0
A19335-18Y	2.0		1.0	1.0	1.0	2.0	2.0
E23010	1.0		1.0	1.0	1.0	1.0	1.0
LD22-9089	2.0		1.0	1.0	1.0	1.0	1.0
M19-106062	2.0		1.0	1.0	1.0	2.0	1.0
M19-131015	2.0		1.0	1.0	1.0	2.0	2.0
M19-158047	2.0		1.0	1.0	1.0	2.0	1.0
M19-172049	1.0		1.0	1.0	1.0	1.0	2.0
M19-173008	2.0		1.0	1.0	1.0	2.0	3.0
M19-173015	2.0		1.0	1.0	1.0	1.0	2.0
M19-173027	2.0		1.0	1.0	1.5	1.0	2.0
M19-173031	2.0		1.0	1.0	1.0	1.0	2.0
M19-173039	2.0		1.0	1.0	1.0	1.0	1.0
M19-173046	2.0		1.0	1.0	1.0	1.0	1.0
M19-186032	2.0		1.5	1.0	2.0	3.0	2.0
M19-239010	2.0		1.0	1.0	2.0	2.0	1.0
M19-239026	2.0		1.0	1.0	1.5	2.0	1.0
M19-239030	2.0		1.0	1.0	2.0	1.0	3.0
M19-242007	2.0		1.0	1.0	2.0	2.0	2.0
OAC 22-31C-SCN	2.0		1.0	1.0	2.0	1.0	2.0
OAC 23-29C-SCN	2.0		1.0	1.0	2.0	2.0	2.0
OAC 23-42C-SCN	2.0		1.0	1.0	2.0	2.0	3.0
ORC 6024	2.0		1.0	1.0	2.0	1.0	2.0
ORC 6424	2.0		1.0	1.0	2.0	1.0	2.0
ORC 6724	2.0		1.0	1.0	2.0	1.0	2.0
ORC 7124	2.0		1.0	1.0	1.0	2.0	2.0
ORC 7424	3.0		1.5	1.0	2.0	3.0	2.0

PRELIMINARY TEST I, 2025

PROTEIN (%)

Strain	Mean 11 Tests	Ames IA	Suther- land IA	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	33.7	33.8	34.9	34.2	33.0	35.5	
ND Dickey (0) (E)	34.4	36.3	35.9	33.6	33.4	36.2	
E15338	33.9	35.3	33.6	33.2	32.6	35.4	
MN1905CN (L)	34.6	33.8	34.3	34.3	35.2	36.1	
A19205-8Y	34.5	34.6	33.8	33.4	34.2	35.7	
A19335-18Y	33.6	32.6	32.3	33.0	33.2	34.2	
E23010	32.8	32.8	32.9	31.7	32.7	32.9	
LD22-9089	34.3	35.0	33.4	32.5	34.0	36.4	
M19-106062	33.1	31.8	32.9	32.9	33.1	34.8	
M19-131015	34.8	34.4	35.1	35.6	32.9	35.6	
M19-158047	34.2	33.9	34.2	33.3	33.6	36.2	
M19-172049	32.3	33.6	32.2	32.9	31.3	33.7	
M19-173008	33.2	32.7	33.7	31.3	32.5	34.2	
M19-173015	33.2	32.1	32.8	32.6	32.4	33.9	
M19-173027	33.7	34.0	33.8	33.8	32.1	36.7	
M19-173031	34.7	36.5	34.5	33.8	33.2	35.7	
M19-173039	33.8	33.6	33.3	32.1	32.5	35.5	
M19-173046	33.6	33.1	34.1	32.7	32.6	35.8	
M19-186032	33.9	33.9	34.3	34.1	33.3	34.5	
M19-239010	34.2	33.8	35.5	34.6	33.0	35.4	
M19-239026	34.7	34.1	34.5	33.2	33.5	36.7	
M19-239030	33.7	35.2	33.8	33.6	33.6	35.3	
M19-242007	34.5	33.9	34.7	33.2	34.4	35.9	
OAC 22-31C-SCN	35.1	34.1	36.8	35.1	33.7	35.6	
OAC 23-29C-SCN	36.7	36.8	37.8	36.9	36.9	38.9	
OAC 23-42C-SCN	35.0	35.7	35.5	35.1	33.6	36.1	
ORC 6024	35.4	37.1	36.8	35.3	33.5	36.4	
ORC 6424	35.9	35.1	37.0	35.7	35.3	37.3	
ORC 6724	36.5	35.8	37.8	35.1	35.3	37.7	
ORC 7124	35.6	35.3	34.5	34.7	35.0	38.4	
ORC 7424	35.7	35.5	36.2	33.5	35.1	37.3	

PRELIMINARY TEST I, 2025

PROTEIN (%)

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	33.8		32.6	33.5	32.2	34.8	32.2
ND Dickey (0) (E)	33.4		35.1	34.2	35.0	33.4	32.3
E15338	34.7		33.3	33.8	33.9	35.5	31.7
MN1905CN (L)	33.8		33.2	34.0	34.6	36.1	35.2
A19205-8Y	34.6		35.3	33.2	34.6	36.1	33.6
A19335-18Y	35.3		34.2	33.7	34.6	32.6	33.6
E23010	33.6		33.2	32.9	32.8	34.9	30.7
LD22-9089	35.1		34.8	33.5	34.4	35.7	32.3
M19-106062	32.7		34.0	32.9	33.7	33.8	31.5
M19-131015	33.6		35.2	34.4	35.6	36.5	33.7
M19-158047	34.2		34.4	33.3	34.4	35.8	32.6
M19-172049	32.1		32.6	31.8	32.8	32.4	29.8
M19-173008	32.7		32.7	34.0	34.5	34.5	33.0
M19-173015	32.9		33.2	33.6	34.7	34.6	32.4
M19-173027	33.5		33.1	32.7	34.9	33.7	33.0
M19-173031	34.3		35.3	34.4	35.4	34.4	34.2
M19-173039	34.4		33.5	33.7	33.3	38.4	31.8
M19-173046	33.6		33.5	33.7	34.3	33.7	32.3
M19-186032	33.5		33.9	33.8	34.4	34.6	32.9
M19-239010	34.2		34.4	34.2	34.8	33.3	33.0
M19-239026	34.9		35.2	34.0	34.6	36.6	34.0
M19-239030	33.3		33.4	32.8	33.1	34.3	32.7
M19-242007	34.8		34.8	34.4	34.9	35.2	33.8
OAC 22-31C-SCN	35.5		36.7	34.4	35.6	36.2	32.4
OAC 23-29C-SCN	35.2		38.2	36.6	36.3	35.9	33.8
OAC 23-42C-SCN	35.0		35.3	34.4	35.8	35.0	33.7
ORC 6024	35.5		33.9	35.2	36.6	34.6	34.3
ORC 6424	35.7		37.5	35.5	35.9	36.6	32.9
ORC 6724	37.5		36.6	36.3	37.5	37.0	34.6
ORC 7124	35.8		38.2	34.0	35.4	37.1	33.1
ORC 7424	34.9		35.9	36.6	36.6	37.5	33.9

PRELIMINARY TEST I, 2025

OIL (%)

Strain	Mean 11 Tests	Ames IA	Suther- land IA	Wanatah IN	East Lansing MI	Lamber- ton MN	Rose- mount MN
MN1511CN (SCN) (I)	18.9	20.0	19.3	19.4	18.4	18.1	
ND Dickey (0) (E)	18.4	17.6	19.1	20.0	18.0	17.4	
E15338	18.6	19.2	19.1	19.5	18.6	18.1	
MN1905CN (L)	19.0	19.9	19.7	19.8	18.3	18.7	
A19205-8Y	18.4	19.0	19.0	19.4	18.4	18.0	
A19335-18Y	18.9	20.1	20.0	20.1	18.5	19.3	
E23010	18.7	19.5	19.2	19.8	18.6	19.3	
LD22-9089	18.0	18.3	19.1	19.3	17.6	17.3	
M19-106062	18.9	20.1	20.0	19.6	18.4	18.6	
M19-131015	19.1	19.9	19.4	19.5	19.0	18.8	
M19-158047	19.1	19.7	19.7	20.2	19.2	18.8	
M19-172049	20.0	20.2	21.1	20.6	20.0	19.2	
M19-173008	19.7	20.6	20.1	21.1	19.2	18.9	
M19-173015	19.4	20.6	19.9	20.2	19.3	19.4	
M19-173027	19.2	19.6	19.5	19.9	19.4	18.5	
M19-173031	18.8	18.9	19.3	20.0	18.9	18.1	
M19-173039	18.7	20.0	19.5	20.3	19.3	18.7	
M19-173046	19.2	20.5	19.7	20.2	19.3	18.3	
M19-186032	19.3	19.9	19.8	19.9	18.9	19.0	
M19-239010	19.1	19.9	19.5	18.4	18.9	18.5	
M19-239026	18.2	18.8	18.8	19.4	18.2	17.8	
M19-239030	19.1	19.3	20.0	20.0	18.5	18.5	
M19-242007	18.7	19.6	19.5	20.0	18.4	18.3	
OAC 22-31C-SCN	18.4	20.3	16.6	19.5	18.3	18.1	
OAC 23-29C-SCN	18.3	18.7	18.3	19.2	17.4	17.3	
OAC 23-42C-SCN	18.7	19.4	19.1	19.6	18.2	18.3	
ORC 6024	18.9	19.2	19.5	19.5	19.1	18.7	
ORC 6424	18.3	19.6	18.4	18.8	17.3	17.4	
ORC 6724	18.5	19.5	18.9	19.6	18.2	18.0	
ORC 7124	18.5	19.2	19.8	19.2	18.4	17.4	
ORC 7424	19.0	20.3	19.2	20.4	18.8	18.3	

PRELIMINARY TEST I, 2025

OIL (%)

Strain	Waseca MN	Cotes- field NE	Mead NE	Phillips NE	Palmyra ONT	St. Marys ONT	Wood- stock ONT
MN1511CN (SCN) (I)	18.9		20.7	19.0	18.5	16.9	18.5
ND Dickey (0) (E)	19.0		19.6	18.5	17.7	17.5	18.0
E15338	18.6		19.4	18.9	18.2	16.6	18.8
MN1905CN (L)	19.6		20.1	19.9	18.4	17.1	18.1
A19205-8Y	18.7		18.3	19.2	17.4	16.7	18.1
A19335-18Y	18.4		19.4	19.4	17.6	17.4	18.3
E23010	18.8		19.2	18.8	17.6	16.8	18.6
LD22-9089	18.0		18.1	18.6	17.4	16.1	18.1
M19-106062	18.9		19.1	19.5	18.2	17.4	18.5
M19-131015	19.8		19.4	20.0	17.8	17.2	18.9
M19-158047	19.1		19.7	20.2	17.8	17.2	19.2
M19-172049	19.8		20.2	20.5	19.1	19.1	20.7
M19-173008	19.9		20.6	20.0	18.4	17.8	19.7
M19-173015	19.8		20.2	19.5	17.6	18.0	19.3
M19-173027	19.3		20.0	19.5	17.9	18.4	19.2
M19-173031	19.1		19.3	19.0	17.3	18.3	19.0
M19-173039	18.8		19.8	19.2	18.0	12.6	19.4
M19-173046	19.2		19.6	19.2	17.8	18.4	19.2
M19-186032	19.5		19.9	19.2	18.4	18.2	19.3
M19-239010	19.5		19.6	19.9	18.3	18.3	19.1
M19-239026	18.6		18.9	19.0	17.5	15.6	17.9
M19-239030	19.5		20.3	19.8	17.9	17.6	19.1
M19-242007	18.5		19.3	18.9	17.5	17.5	18.0
OAC 22-31C-SCN	18.7		19.3	19.4	17.0	16.3	18.5
OAC 23-29C-SCN	19.0		18.7	18.1	18.1	17.4	18.9
OAC 23-42C-SCN	19.1		19.5	19.6	17.5	16.6	18.3
ORC 6024	19.2		19.3	19.3	17.2	18.4	18.5
ORC 6424	18.7		19.1	19.1	17.4	16.5	18.7
ORC 6724	18.3		19.3	18.9	16.9	16.9	18.9
ORC 7124	18.7		17.7	19.5	17.5	17.3	18.9
ORC 7424	19.4		19.5	19.2	17.7	17.0	19.1

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**Northern Regional Uniform Test
Uniform Test II, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	IA2102 (II)	A04-545045	AgriPro 98180-A01-0613	Cai	13	F4	
2	MN1905CN (E)	M08-365038	IA1026	Lorenz	1	F9	Yld, SCN
3	LD17-2558 (SCN)	U11-614119	LD09-30224	Monteverde	4	F5	SCN
4	U14-910097 (SCN) (L)	U09-105007	LD07-3419	Graef	8	F5	SCN (HR, HR)
5	A17112-19	U14-924158	U14-910097	Singh	1	F5	SCN
6	A17112-34	U14-924158	U14-910097	Singh	1	F5	SCN
7	A17112-202	U14-924158	U14-910097	Singh	1	F5	SCN
8	A17438-64	LD14-06407	U14-924158	Singh	1		
9	A18112-98	U14-213255	A14011-77	Singh	2024 PT II - 6	F5	
10	A18112-101	U14-213255	A14011-77	Singh	2024 UT I	F5	
11	A18207-54	A14017-50	A14004-126	Singh	2024 SCN P II	F5	SCN
12	A18328-60Y	A14056-187	A14004-58	Singh	2024 UT II-TM	F5	Protein, Large Seeded
13	E20329	LD02-4485	E14077	Wang	2	F5	SCN, Rps1k
14	E21107	LD02-4485	E14077	Wang	1	F5	SCN, Rps1
15	E21109	LD02-4485	E14077	Wang	1	F5	SCN, Rps1
16	E21125	M07-209037	PI 567425B	Wang	1	F5	SCN, Rps1
17	E21127	M07-209037	PI 567425B	Wang	1	F5	Rps1a
18	LD20-0815	LD12-459	LD11-2170	Monteverde	1	F5	SCN, Rps1k
19	LD20-11062	LD10-10198	LD15-5776793	Monteverde	1	F5	SCN, Rps1c
20	LD20-4471	U14-925152	U11-917032	Monteverde	1	F5	SCN (rhg1,4)
21	LD20-4542	LD14-6363	E14077	Monteverde	2024 SCN U II	F5	SCN, soja
22	LD20-5172	LD14-6099a	LD11-2170	Monteverde	1	F5	SCN, Rps1k
23	LD20-5738	LD13-1429	LD14-6363	Monteverde	2024 SCN U II	F5	SCN, soja
24	LD21-6063	LD10-10198	U14-108007	Monteverde	2024 PT II - 27	F5	SCN
25	LD21-6298	LD10-10198	LD15-5776793	Monteverde	2024 PT II - 28	F5	SCN
26	LD22-4111	U14-103015	LD15-5782791	Monteverde	2024 SCN P II	F5	SCN
27	LD22-4283	U14-925152	LD15-1628	Monteverde	2024 SCN P II	F5	SCN(Rhg1+4)
28	U20-134372	LD14-3702	U16-932015	Graef	2024 PT II - 33	F5	SCN
29	U20-135373	LD14-3702	U16-932015	Graef	2024 PT II - 34	F5	
30	U20-137354	U17-609217	U16-932015	Graef	2024 PT II - 36	F5	SCN
31	U21-902149	U15-606207	LD15-8459	Graef	2024 SCN P II	F5	
32	U21-915087	U17-322103	LD15-5776793	Graef	2024 SCN P II	F5	rps, IDC
33	U21-915158	U17-238027	U17-322103	Graef	2024 PT II - 40	F5	SCN, Rps
34	U21-931124	U15-606207	LD15-5776793	Graef	2024 SCN P II	F5	rps
35	U21-934095	U15-606207	LD15-5776793	Graef	2024 SCN P II	F5	rps, IDC

UNIFORM TEST II, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
IA2102 (II)	WGTDYYI
MN1905CN (E)	PTBDYYI
LD17-2558 (SCN)	PGBSYbI
U14-910097 (SCN) (L)	PGTDYBfI
A17112-19	PGTSYbI
A17112-34	PGTSYbI
A17112-202	PGTSYbI
A17438-64	PTTDYBI
A18112-98	WGBSYYI
A18112-101	PLtTDYHI
A18207-54	PGBDYbI
A18328-60Y	WGBDYII
E20329	PLt+GBDYHI
E21107	PGBSYBfI
E21109	PLt+GBSYHI
E21125	PLtTSYBrI
E21127	P+WLtTSYBrI
LD20-0815	PLtBDYBI
LD20-11062	PGBDYII
LD20-4471	PLtBSYBI
LD20-4542	PTBDYBI
LD20-5172	PGBDYBfI
LD20-5738	PLtBSYBI
LD21-6063	PGBSYHI
LD21-6298	PLt+GBSYGI
LD22-4111	PLtBDYBI
LD22-4283	PGBSYbI
U20-134372	WLtBSYBrI
U20-135373	PLtBDYBrI
U20-137354	P+WLtBDYBI
U21-902149	PLtTDYBrI
U21-915087	PLtBDYBI
U21-915158	PGBSYbI
U21-931124	PLtB+TDYBI
U21-934095	PLtTDYBrI

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UNIFORM TEST II, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	14 bu/a	14 No.	14 Date	13 Score	Height 13 In.	Size 13 g/100	Quality 13 Score	Protein 13 %	Oil 13 %
IA2102 (II)	66.7	35	9/19	2.6	38	15.7	1.6	34.3	18.3
MN1905CN (E)	68.0	33	-3.0	1.8	36	15.8	1.6	33.6	19.6
LD17-2558 (SCN)	73.9	13	2.1	1.6	38	15.6	1.6	32.9	18.5
U14-910097 (SCN) (L)	75.2	6	4.4	2.2	36	13.8	1.6	32.7	19.7
A17112-19	74.8	9	4.0	1.2	35	14.0	1.4	30.6	20.3
A17112-34	76.6	3	2.8	1.1	33	13.4	1.6	31.0	19.9
A17112-202	78.7	2	4.8	1.8	38	13.5	1.5	30.8	20.0
A17438-64	74.9	8	2.3	1.5	39	14.9	1.7	32.0	19.9
A18112-98	70.6	29	5.0	1.4	39	14.2	1.5	34.2	18.9
A18112-101	70.7	27	-1.4	1.4	34	12.6	1.5	33.5	18.6
A18207-54	76.3	5	0.8	1.3	35	13.4	1.5	32.2	19.3
A18328-60Y	72.6	18	3.0	1.4	38	17.6	1.6	36.1	18.0
E20329	71.3	26	0.5	1.5	37	14.3	1.6	32.4	19.2
E21107	71.4	24	3.4	2.2	38	14.0	1.7	32.6	18.8
E21109	70.7	27	0.4	1.6	38	15.7	1.5	32.9	18.6
E21125	71.6	22	0.4	1.8	36	14.5	1.3	34.0	18.1
E21127	72.1	20	0.4	1.6	37	14.6	1.3	33.9	18.3
LD20-0815	73.0	16	1.0	1.2	37	14.8	1.5	32.2	20.0
LD20-11062	72.2	19	0.0	1.4	34	13.8	1.5	32.6	19.3
LD20-4471	75.0	7	4.2	1.9	36	14.8	1.6	32.7	19.7
LD20-4542	71.4	23	-1.7	1.2	34	15.3	1.5	33.5	19.7
LD20-5172	71.9	21	1.8	1.3	35	14.5	1.6	31.7	18.9
LD20-5738	76.6	4	4.6	2.0	37	14.8	1.7	32.4	18.6
LD21-6063	67.8	34	-1.8	1.6	39	13.4	1.5	33.2	19.4
LD21-6298	72.8	17	-0.1	1.5	34	15.1	1.6	32.1	19.4
LD22-4111	69.6	31	1.2	1.6	36	15.1	1.6	32.9	19.4
LD22-4283	78.7	1	4.1	1.8	38	15.7	1.7	33.9	19.4
U20-134372	73.5	14	2.6	1.2	35	14.2	1.7	32.9	19.3
U20-135373	74.6	10	2.5	1.4	38	15.5	1.6	33.5	19.1
U20-137354	70.6	30	3.8	1.3	40	13.9	1.5	32.8	19.3
U21-902149	71.3	25	4.7	1.3	36	13.6	1.4	32.2	19.7
U21-915087	74.0	12	2.4	1.2	38	14.1	1.3	33.4	19.4
U21-915158	69.4	32	5.3	1.2	39	14.0	1.5	31.9	19.1
U21-931124	74.2	11	4.3	1.2	36	13.6	1.4	33.0	19.0
U21-934095	73.1	15	3.5	1.1	34	15.0	1.5	32.5	19.8
Mean	72.7			1.5	36.6	14.5	1.5	32.8	19.2
C.V. (%)	8.3								
L.S.D. (5%)	2.6								

125.7 Days After Planting

UNIFORM TEST II, 2025

2024-2025 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	27 bu/a	27 No.	26 Date	25 Score	24 In.	25 g/100	24 Score	25 %	25 %
IA2102 (II)	68.4	16	9/19	2.5	37	15.8	1.4	34.1	18.8
MN1905CN (E)	68.3	17	-3.3	1.8	35	16.1	1.5	33.8	19.9
LD17-2558 (SCN)	74.1	7	2.6	1.6	37	15.9	1.4	32.9	19.2
U14-910097 (SCN) (L)	75.8	4	5.5	2.0	35	14.3	1.3	32.7	20.1
A17112-19	77.6	3	4.0	1.2	33	14.4	1.3	30.6	20.7
A17112-34	78.8	2	3.5	1.2	32	13.7	1.4	31.0	20.3
A17112-202	79.0	1	4.8	1.7	37	13.9	1.3	30.8	20.4
A17438-64	75.8	5	2.9	1.5	38	15.1	1.4	31.9	20.4
E20329	73.4	11	1.0	1.6	36	14.6	1.4	32.5	19.6
E21107	72.7	14	3.7	1.9	36	14.4	1.4	32.7	19.3
E21109	73.2	13	1.0	1.5	36	15.6	1.4	33.1	19.0
E21125	73.6	10	0.5	1.7	36	14.7	1.2	33.9	18.7
E21127	73.9	9	0.6	1.6	36	14.8	1.2	33.9	18.7
LD20-0815	74.0	8	1.1	1.2	35	15.0	1.3	32.3	20.3
LD20-11062	73.2	12	0.7	1.3	33	14.0	1.3	32.8	19.7
LD20-4471	74.2	6	4.6	1.8	35	15.0	1.4	32.4	20.3
LD20-5172	72.0	15	1.6	1.2	34	14.9	1.4	31.9	19.5

123.0 Days After Planting

2023-2025 3-YEAR MEAN

No. of Tests Strain	41	41	37	36	34	35	33	35	35
IA2102 (II)	68.6	4	9/20	2.5	36	16.3	1.3	34.3	18.9
LD17-2558 (SCN)	74.1	2	2.9	1.7	37	16.6	1.3	33.3	19.2
U14-910097 (SCN) (L)	76.4	1	5.3	2.1	35	15.1	1.3	32.9	20.1
E20329	72.5	3	0.9	1.6	37	15.2	1.3	32.8	19.6

125.1 Days After Planting

UNIFORM TEST II, 2025

YIELD (bu/a)

Strain	Mean 14 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	66.7	64.7	61.4	70.3	52.9	53.9	72.6	80.9
MN1905CN (E)	68.0	63.8	51.4	71.7	51.5	53.4	78.0	75.5
LD17-2558 (SCN)	73.9	70.1	72.3	80.2	53.9	60.7	80.0	88.5
U14-910097 (SCN) (L)	75.2	73.9	77.3	76.7	55.3	63.9	77.0	82.7
A17112-19	74.8	74.2	70.7	83.9	56.8	61.9	78.0	85.6
A17112-34	76.6	72.4	71.8	83.9	61.5	60.4	82.8	90.5
A17112-202	78.7	73.8	85.0	88.5	57.7	61.4	83.1	83.3
A17438-64	74.9	68.4	64.9	78.2	53.0	62.5	83.0	86.3
A18112-98	70.6	68.1	67.8	76.7	53.2	57.8	72.7	79.4
A18112-101	70.7	64.9	87.4	88.6	52.4	49.4	80.7	79.9
A18207-54	76.3	80.8	88.8	95.5	58.9	57.0	84.1	87.2
A18328-60Y	72.6	72.1	66.3	66.6	56.0	65.6	80.8	77.8
E20329	71.3	70.8	74.8	70.5	54.5	59.2	78.4	86.6
E21107	71.4	70.7	78.9	78.1	53.6	62.3	76.4	85.7
E21109	70.7	72.9	63.5	69.3	54.1	59.0	81.8	83.7
E21125	71.6	63.3	74.7	82.8	53.7	50.9	74.0	88.4
E21127	72.1	71.9	78.4	82.4	56.6	54.9	76.0	87.5
LD20-0815	73.0	76.2	75.3	82.4	61.0	60.2	80.6	85.2
LD20-11062	72.2	64.2	58.7	75.1	58.4	57.8	75.4	82.5
LD20-4471	75.0	76.9	78.7	81.5	57.3	57.5	78.2	78.4
LD20-4542	71.4	69.1	77.0	75.5	57.7	55.1	79.3	80.9
LD20-5172	71.9	75.6	81.1	63.4	58.6	59.8	78.3	86.5
LD20-5738	76.6	78.6	78.3	74.6	54.8	63.3	80.8	84.9
LD21-6063	67.8	63.1	78.3	80.1	49.1	58.5	74.9	85.1
LD21-6298	72.8	60.8	60.9	80.2	64.2	60.1	84.4	87.8
LD22-4111	69.6	67.9	66.8	61.4	57.1	57.7	80.1	81.4
LD22-4283	78.7	74.8	76.7	74.9	58.8	66.8	84.5	88.9
U20-134372	73.5	70.8	84.0	94.2	53.1	58.3	80.7	84.0
U20-135373	74.6	72.1	80.6	83.5	53.4	63.1	78.6	83.1
U20-137354	70.6	69.8	75.3	81.3	47.3	59.3	79.2	81.8
U21-902149	71.3	62.8	59.1	81.5	46.8	54.3	75.6	78.8
U21-915087	74.0	74.1	76.4	92.6	44.7	60.0	73.6	84.5
U21-915158	69.4	66.8	75.6	84.6	44.9	54.2	78.3	82.2
U21-931124	74.2	75.3	72.0	83.4	54.5	59.1	82.1	88.3
U21-934095	73.1	75.5	78.2	83.2	57.0	49.3	77.8	76.8
Location Mean		70.6	73.4	79.3	54.7	58.5	78.9	83.7
C.V. (%)		9.9	8.9	9.5	7.0	6.7	4.4	5.1
L.S.D. (5%)		11.4	10.6	12.3	7.7	7.9	7.0	8.8
Row Sp. (In.)		30	30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4	4
Reps		3	3	3	2	2	2	2

UNIFORM TEST II, 2025

YIELD (bu/a)

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE*	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	79.3	58.9	88.9	57.6	75.5	39.3	68.4	71.0
MN1905CN (E)	85.3	65.1	83.4	65.9	71.5	41.0	73.9	84.1
LD17-2558 (SCN)	86.2	59.8	104.5	75.2	86.7	47.9	75.6	70.9
U14-910097 (SCN) (L)	89.1	61.9	98.2	59.9	89.4	49.8	87.1	79.6
A17112-19	87.2	58.0	102.9	69.6	82.7	43.9	87.4	77.3
A17112-34	98.8	57.6	104.8	79.2	80.9	39.9	89.9	80.5
A17112-202	97.3	66.2	101.9	59.0	86.5	42.5	90.0	87.4
A17438-64	91.9	70.2	108.8	68.4	83.8	42.6	86.7	71.2
A18112-98	88.5	59.6	100.7	81.7	78.6	41.9	66.8	79.7
A18112-101	81.6	65.2	86.0	64.9	68.7	41.2	71.6	74.4
A18207-54	90.8	66.4	95.1	70.8	76.2	46.4	73.5	71.1
A18328-60Y	89.2	63.6	82.1	70.9	86.7	50.1	73.7	88.6
E20329	88.1	56.1	83.7	66.4	75.7	45.3	75.1	82.0
E21107	88.0	54.8	77.2	49.7	75.8	47.2	76.9	77.5
E21109	90.9	61.0	89.0	67.7	73.2	43.4	71.1	80.6
E21125	88.4	57.6	105.1	71.4	79.2	41.6	59.5	85.7
E21127	85.2	64.7	98.9	60.6	86.1	41.7	46.2	82.0
LD20-0815	86.5	67.1	81.8	58.8	68.8	42.6	85.4	70.8
LD20-11062	89.6	69.9	100.2	62.5	85.1	40.2	68.3	88.6
LD20-4471	81.7	54.8	102.0	71.4	86.4	41.3	87.1	90.1
LD20-4542	85.1	58.7	100.9	59.7	76.4	39.0	76.3	72.8
LD20-5172	83.9	61.0	90.5	67.2	74.6	43.8	72.0	81.9
LD20-5738	86.6	60.0	101.8	69.1	91.8	42.1	88.7	90.4
LD21-6063	80.4	64.7	85.0	70.5	71.3	41.8	51.7	67.9
LD21-6298	94.7	62.9	82.2	72.8	82.9	39.3	83.0	79.2
LD22-4111	85.1	61.6	92.7	68.9	86.9	36.1	71.7	72.1
LD22-4283	94.4	69.6	96.4	52.8	86.1	47.0	94.1	91.8
U20-134372	83.7	59.7	115.3	88.7	79.6	38.3	57.6	73.0
U20-135373	86.9	69.1	105.3	75.0	76.4	47.3	68.6	79.6
U20-137354	82.7	66.3	105.0	76.1	78.9	43.7	51.5	69.0
U21-902149	83.3	68.9	111.9	69.4	79.3	46.6	68.7	84.1
U21-915087	86.8	65.2	101.9	79.1	88.9	40.0	55.3	88.9
U21-915158	82.8	64.9	109.7	83.1	78.9	45.2	37.8	69.0
U21-931124	80.3	66.5	103.6	78.5	78.0	46.5	82.2	71.3
U21-934095	90.6	61.5	108.2	74.8	77.2	41.6	81.1	69.0
Location Mean	87.2	62.8	97.3	69.1	80.1	43.1	73.0	78.7
C.V. (%)	4.6	6.9	6.6	14.4	6.5	7.3	7.3	7.3
L.S.D. (5%)	8.2	8.9	13.1	20.2	10.6	5.2	8.7	9.3
Row Sp. (In.)	15	15	30	30	30	8	17	17
Rows/Plot	6	6	4	4	4	8	5	5
Reps	2	2	2	2	2	3	3	3

* Data not included in mean.

UNIFORM TEST II, 2025

YIELD RANK

Strain	Mean 14 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	35	29	31	31	28	31	35	27
MN1905CN (E)	33	31	35	29	30	32	23	35
LD17-2558 (SCN)	13	21	22	18	21	10	15	3
U14-910097 (SCN) (L)	6	11	13	23	16	3	26	22
A17112-19	9	9	25	7	13	8	23	13
A17112-34	3	14	24	8	2	11	6	1
A17112-202	2	12	3	5	8	9	4	20
A17438-64	8	24	29	21	27	6	5	11
A18112-98	29	25	26	24	25	22	34	30
A18112-101	27	28	2	4	29	34	11	29
A18207-54	5	1	1	1	4	26	3	8
A18328-60Y	18	16	28	33	15	2	9	33
E20329	26	18	20	30	19	17	19	9
E21107	24	20	7	22	23	7	27	12
E21109	27	13	30	32	20	19	8	19
E21125	22	32	21	12	22	33	32	4
E21127	20	17	9	13	14	28	28	7
LD20-0815	16	4	19	14	3	12	13	14
LD20-11062	19	30	34	26	7	22	30	23
LD20-4471	7	3	8	16	10	25	22	32
LD20-4542	23	23	14	25	9	27	16	28
LD20-5172	21	5	5	34	6	15	20	10
LD20-5738	4	2	10	28	17	4	9	16
LD21-6063	34	33	11	20	31	20	31	15
LD21-6298	17	35	32	19	1	13	2	6
LD22-4111	31	26	27	35	11	24	14	26
LD22-4283	1	8	15	27	5	1	1	2
U20-134372	14	19	4	2	26	21	12	18
U20-135373	10	15	6	9	24	5	18	21
U20-137354	30	22	18	17	32	16	17	25
U21-902149	25	34	33	15	33	29	29	31
U21-915087	12	10	16	3	35	14	33	17
U21-915158	32	27	17	6	34	30	20	24
U21-931124	11	7	23	10	18	18	7	5
U21-934095	15	6	12	11	12	35	25	34

UNIFORM TEST II, 2025

YIELD RANK

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	35	28	27	33	29	31	26	29
MN1905CN (E)	22	13	31	25	32	27	17	9
LD17-2558 (SCN)	21	25	10	8	6	3	15	30
U14-910097 (SCN) (L)	11	19	21	29	2	2	6	18
A17112-19	16	30	12	17	14	12	5	21
A17112-34	1	31	9	4	15	30	3	15
A17112-202	2	10	15	31	7	18	2	7
A17438-64	5	1	4	21	12	16	8	27
A18112-98	12	27	18	3	21	20	28	16
A18112-101	32	12	28	26	35	26	22	22
A18207-54	7	8	23	15	26	9	19	28
A18328-60Y	10	17	33	14	5	1	18	6
E20329	14	33	30	24	28	10	16	12
E21107	15	34	35	35	27	5	13	20
E21109	6	23	26	22	31	15	23	14
E21125	13	32	7	13	18	24	29	8
E21127	23	15	20	28	9	22	34	11
LD20-0815	20	6	34	32	34	16	9	31
LD20-11062	9	2	19	27	11	28	27	5
LD20-4471	31	34	13	12	8	25	6	3
LD20-4542	25	29	17	30	24	33	14	24
LD20-5172	26	22	25	23	30	13	20	13
LD20-5738	19	24	16	19	1	19	4	2
LD21-6063	33	16	29	16	33	21	32	35
LD21-6298	3	18	32	11	13	32	10	19
LD22-4111	24	20	24	20	4	35	21	25
LD22-4283	4	3	22	34	10	6	1	1
U20-134372	27	26	1	1	16	34	30	23
U20-135373	17	4	6	9	25	4	25	17
U20-137354	30	9	8	7	19	14	33	34
U21-902149	28	5	2	18	17	7	24	9
U21-915087	18	11	14	5	3	29	31	4
U21-915158	29	14	3	2	20	11	35	32
U21-931124	34	7	11	6	22	8	11	26
U21-934095	8	21	5	10	23	23	12	33

UNIFORM TEST II, 2025

MATURITY (date)

Strain	Mean 14 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	9/19	9/14	9/15	9/20		9/10	9/13	9/14
MN1905CN (E)	-3	-3	-1	-6		0	-3	-5
LD17-2558 (SCN)	2	4	1	2		3	3	-1
U14-910097 (SCN) (L)	4	6	1	4		10	5	6
A17112-19	4	6	2	2		8	4	4
A17112-34	3	3	2	1		8	4	3
A17112-202	5	6	2	3		9	8	6
A17438-64	2	4	0	1		6	3	2
A18112-98	5	5	3	4		9	7	6
A18112-101	-1	0	-1	-2		0	0	-1
A18207-54	1	2	-0	0		4	2	1
A18328-60Y	3	4	1	0		6	4	3
E20329	1	3	0	0		4	1	-1
E21107	3	4	2	2		6	5	3
E21109	0	2	-1	1		2	1	0
E21125	0	-0	0	-0		3	1	0
E21127	0	1	-0	0		3	1	1
LD20-0815	1	2	1	0		4	3	2
LD20-11062	0	2	-1	-0		2	2	-1
LD20-4471	4	6	3	3		7	5	6
LD20-4542	-2	-1	-1	-3		1	-1	1
LD20-5172	2	4	2	1		5	3	2
LD20-5738	5	5	2	3		9	5	6
LD21-6063	-2	-1	-2	-2		0	1	-1
LD21-6298	-0	1	-0	-1		2	-1	-1
LD22-4111	1	2	-0	0		3	2	2
LD22-4283	4	6	1	3		8	5	5
U20-134372	3	3	2	3		5	3	4
U20-135373	2	4	3	4		6	3	4
U20-137354	4	6	4	2		7	6	5
U21-902149	5	5	1	6		10	7	5
U21-915087	2	4	2	3		6	4	3
U21-915158	5	6	2	5		10	7	6
U21-931124	4	5	2	4		8	6	5
U21-934095	3	6	2	4		7	6	3
Date Planted	5/16	5/12	5/6	4/23	5/17	5/19	5/9	5/10
Days to Mature	126	125	132	150		114	127	127

UNIFORM TEST II, 2025

MATURITY (date)

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	9/21	10/2	9/23	9/14	9/26	9/18	9/26	9/29
MN1905CN (E)	-2	-5	-2	-1	-4	-2	-5	-6
LD17-2558 (SCN)	2	1	4	4	2	4	1	1
U14-910097 (SCN) (L)	2	2	6	4	3	9	5	1
A17112-19	2	3	4	6	3	8	3	2
A17112-34	2	1	4	4	2	5	3	-1
A17112-202	3	4	6	7	2	9	5	0
A17438-64	2	3	3	4	1	3	1	1
A18112-98	3	3	5	10	3	7	2	4
A18112-101	-2	-2	-1	-1	-2	-1	-4	-4
A18207-54	-2	1	4	-1	2	2	0	-3
A18328-60Y	2	4	4	2	1	6	4	2
E20329	1	-2	1	0	0	2	0	-2
E21107	5	3	5	-1	2	7	3	3
E21109	1	1	0	-1	1	2	0	-2
E21125	-1	-3	5	3	-1	1	-0	-2
E21127	0	-2	3	3	1	1	-4	-1
LD20-0815	-1	1	1	1	1	2	0	-2
LD20-11062	-2	-1	1	2	-1	1	-1	-3
LD20-4471	1	-1	5	9	3	9	4	-0
LD20-4542	-2	-6	-3	-1	-2	1	-4	-4
LD20-5172	-1	2	3	2	1	2	1	-1
LD20-5738	5	3	5	7	2	5	5	3
LD21-6063	-2	-6	-2	-1	-2	1	-5	-5
LD21-6298	-2	0	1	2	-1	0	-0	-2
LD22-4111	2	-2	5	3	1	2	1	-2
LD22-4283	5	3	5	5	3	7	3	1
U20-134372	1	-1	5	9	1	4	-0	-1
U20-135373	1	-1	4	4	1	2	2	-2
U20-137354	3	2	5	9	2	4	0	-1
U21-902149	3	4	8	7	3	7	3	1
U21-915087	-1	-1	4	6	1	5	-1	-1
U21-915158	2	5	8	11	2	8	-1	5
U21-931124	1	5	5	10	3	6	3	1
U21-934095	0	2	4	6	1	5	3	1
Date Planted	5/30	6/3	5/14	5/5	5/31	6/3	5/26	5/14
Days to Mature	114	121	132	132	118	107	123	138

UNIFORM TEST II, 2025

LODGING (score)

Strain	Mean 13 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	2.6	2.3	2.7	3.0		1.5	2.5	2.0
MN1905CN (E)	1.8	1.7	3.3	3.0		1.0	1.5	1.0
LD17-2558 (SCN)	1.6	1.3	2.7	1.7		1.5	2.0	1.0
U14-910097 (SCN) (L)	2.2	2.7	3.0	3.0		1.5	2.5	1.5
A17112-19	1.2	1.0	2.3	1.3		1.0	1.0	1.0
A17112-34	1.1	1.0	1.7	2.0		1.0	1.0	1.0
A17112-202	1.8	1.3	2.0	2.7		1.5	2.0	1.5
A17438-64	1.5	1.3	3.0	2.7		1.3	1.5	1.0
A18112-98	1.4	1.3	2.7	1.3		1.3	1.0	2.0
A18112-101	1.4	1.3	2.0	1.3		1.0	2.0	1.0
A18207-54	1.3	1.0	2.0	1.3		1.0	1.0	1.0
A18328-60Y	1.4	1.3	2.3	2.0		1.5	1.5	1.0
E20329	1.5	1.0	2.0	2.0		1.5	1.5	1.5
E21107	2.2	1.7	3.0	2.7		1.5	2.0	2.0
E21109	1.6	1.3	2.0	2.3		1.3	1.5	1.0
E21125	1.8	1.7	2.3	2.3		1.5	2.0	1.0
E21127	1.6	1.0	2.3	2.0		1.3	1.5	1.0
LD20-0815	1.2	1.0	2.0	1.0		1.0	1.0	1.0
LD20-11062	1.4	1.0	3.0	1.7		1.0	1.0	1.0
LD20-4471	1.9	1.7	2.0	1.7		1.5	2.0	2.0
LD20-4542	1.2	1.0	2.0	2.0		1.0	1.0	1.0
LD20-5172	1.3	1.0	2.0	2.0		1.0	1.0	1.0
LD20-5738	2.0	1.7	2.7	2.7		1.0	2.0	2.0
LD21-6063	1.6	2.0	2.7	2.3		1.0	2.0	1.0
LD21-6298	1.5	1.0	3.0	2.0		1.3	1.5	1.0
LD22-4111	1.6	1.0	3.0	2.7		1.0	1.0	1.5
LD22-4283	1.8	1.7	2.3	2.7		1.3	2.0	1.0
U20-134372	1.2	1.0	2.3	2.0		1.0	1.0	1.0
U20-135373	1.4	1.3	2.7	2.3		1.0	1.0	1.0
U20-137354	1.3	1.3	2.0	2.0		1.3	1.0	1.5
U21-902149	1.3	1.0	2.3	1.0		1.0	1.0	1.0
U21-915087	1.2	1.0	2.0	2.0		1.3	1.0	1.0
U21-915158	1.2	1.3	1.3	1.7		1.0	1.0	1.5
U21-931124	1.2	1.0	1.7	1.0		1.0	1.0	1.0
U21-934095	1.1	1.0	1.7	1.0		1.0	1.0	1.0

UNIFORM TEST II, 2025

LODGING (score)

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	5.0	1.5	4.0	2.5	1.0		3.2	3.0
MN1905CN (E)	1.0	1.5	2.5	2.0	1.0		1.8	1.7
LD17-2558 (SCN)	1.0	1.5	2.0	1.5	1.0		2.3	1.7
U14-910097 (SCN) (L)	2.0	2.0	2.5	2.5	1.0		2.7	2.0
A17112-19	1.0	1.0	1.0	1.5	1.0		1.0	1.0
A17112-34	1.0	1.0	1.0	1.0	1.0		1.0	1.0
A17112-202	1.0	2.0	2.0	2.0	1.0		2.0	2.0
A17438-64	1.0	1.5	1.0	1.0	1.0		2.0	1.7
A18112-98	1.0	1.0	1.0	1.0	1.0		1.7	2.2
A18112-101	1.0	1.0	2.5	1.0	1.0		1.7	1.0
A18207-54	1.0	1.0	1.5	2.0	1.0		1.3	2.0
A18328-60Y	1.0	1.0	1.5	1.0	1.0		1.8	1.8
E20329	2.0	1.5	1.5	1.5	1.0		2.0	1.0
E21107	3.5	1.5	2.0	1.5	1.0		2.8	2.8
E21109	1.0	1.5	2.5	1.5	1.0		1.3	2.0
E21125	2.0	1.5	3.0	2.0	1.0		2.3	1.3
E21127	2.0	1.0	1.5	2.0	1.0		2.0	2.0
LD20-0815	1.0	1.0	1.0	2.0	1.0		1.0	1.0
LD20-11062	1.0	1.0	1.0	1.5	1.0		1.7	1.7
LD20-4471	2.5	2.0	1.5	2.0	1.0		2.3	2.7
LD20-4542	1.0	1.0	1.0	1.0	1.0		2.0	1.0
LD20-5172	1.0	1.0	1.5	2.0	1.0		1.0	1.0
LD20-5738	3.5	1.5	2.0	1.5	1.0		2.5	1.7
LD21-6063	1.0	1.0	1.0	2.0	1.0		1.3	2.0
LD21-6298	1.0	1.0	1.0	1.5	1.0		1.7	2.0
LD22-4111	1.5	1.5	2.5	1.5	1.0		1.7	1.3
LD22-4283	1.5	1.0	2.0	2.0	1.0		2.3	3.0
U20-134372	1.0	1.0	1.5	1.0	1.0		1.3	1.0
U20-135373	1.0	1.0	1.5	2.0	1.0		1.3	1.7
U20-137354	1.0	1.5	1.0	1.0	1.0		1.3	1.3
U21-902149	1.0	1.5	1.5	1.5	1.0		1.3	1.3
U21-915087	1.0	1.0	1.0	1.0	1.0		1.0	1.3
U21-915158	1.0	1.0	1.5	1.0	1.0		1.7	1.0
U21-931124	1.0	1.0	2.0	1.0	1.0		1.7	1.3
U21-934095	1.0	1.0	1.0	1.0	1.0		1.0	1.0

UNIFORM TEST II, 2025

PLANT HEIGHT (inches)

Strain	Mean 13 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	38	38	36	36		37	41	37
MN1905CN (E)	36	38	35	36		35	37	33
LD17-2558 (SCN)	38	38	37	33		36	39	38
U14-910097 (SCN) (L)	36	38	38	36		34	37	35
A17112-19	35	35	37	35		32	33	35
A17112-34	33	34	31	32		30	34	33
A17112-202	38	38	39	38		37	40	36
A17438-64	39	38	40	40		39	40	39
A18112-98	39	42	40	36		36	39	38
A18112-101	34	33	35	34		29	35	32
A18207-54	35	37	36	35		31	35	35
A18328-60Y	38	40	38	36		36	40	36
E20329	37	38	39	36		37	37	36
E21107	38	39	39	39		37	35	36
E21109	38	39	38	38		34	38	36
E21125	36	38	36	37		34	36	36
E21127	37	38	36	36		35	40	37
LD20-0815	37	39	38	35		33	36	36
LD20-11062	34	34	34	34		29	34	31
LD20-4471	36	40	37	35		33	37	38
LD20-4542	34	37	37	35		33	35	34
LD20-5172	35	38	36	33		33	34	32
LD20-5738	37	39	40	38		34	37	38
LD21-6063	39	38	40	39		37	40	38
LD21-6298	34	35	34	36		30	36	34
LD22-4111	36	36	36	32		32	37	31
LD22-4283	38	38	37	36		37	39	36
U20-134372	35	35	37	39		32	36	32
U20-135373	38	40	39	38		37	40	37
U20-137354	40	41	43	41		39	43	40
U21-902149	36	38	36	34		33	38	36
U21-915087	38	39	41	38		36	36	38
U21-915158	39	39	42	40		36	41	36
U21-931124	36	36	36	36		34	37	35
U21-934095	34	36	35	35		29	34	31

UNIFORM TEST II, 2025

PLANT HEIGHT (inches)

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	42	43	36	41		27	44	37
MN1905CN (E)	40	40	33	37		27	39	40
LD17-2558 (SCN)	42	42	37	46		27	42	38
U14-910097 (SCN) (L)	42	40	33	37		27	42	36
A17112-19	40	34	33	38		25	42	34
A17112-34	38	34	32	37		21	41	37
A17112-202	45	41	34	40		27	44	41
A17438-64	43	42	35	42		26	48	41
A18112-98	42	39	38	43		27	42	42
A18112-101	38	35	31	39		24	39	35
A18207-54	41	37	33	37		25	41	40
A18328-60Y	43	39	34	42		26	42	40
E20329	44	40	34	41		25	41	38
E21107	44	40	38	43		25	42	37
E21109	43	41	36	42		25	42	38
E21125	43	39	29	40		27	41	37
E21127	43	40	33	42		25	41	38
LD20-0815	39	40	36	39		26	43	38
LD20-11062	38	38	34	39		23	40	38
LD20-4471	41	39	33	39		24	44	36
LD20-4542	37	34	34	36		23	40	35
LD20-5172	38	38	34	37		25	40	36
LD20-5738	43	40	37	40		25	41	36
LD21-6063	44	40	38	42		25	42	40
LD21-6298	38	35	33	37		23	40	38
LD22-4111	42	38	35	40		26	43	37
LD22-4283	44	44	33	38		27	45	40
U20-134372	39	36	35	39		22	36	34
U20-135373	43	41	36	40		27	43	39
U20-137354	47	41	36	45		28	40	39
U21-902149	38	39	34	38		25	42	40
U21-915087	42	39	36	44		24	41	36
U21-915158	45	42	37	40		27	44	37
U21-931124	41	36	35	40		25	42	37
U21-934095	37	35	35	39		24	42	35

UNIFORM TEST II, 2025

SEED SIZE (g/100)

Strain	Mean 13 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	15.7	14.3	16.0	16.3	16.3	13.5		15.5
MN1905CN (E)	15.8	16.0	15.7	17.0	15.5	14.2		15.9
LD17-2558 (SCN)	15.6	14.7	15.0	15.3	15.7	13.9		15.3
U14-910097 (SCN) (L)	13.8	13.3	12.3	14.3	12.8	12.5		13.6
A17112-19	14.0	13.7	13.0	14.3	13.4	13.2		14.0
A17112-34	13.4	13.0	13.0	13.0	12.5	12.2		14.0
A17112-202	13.5	12.3	12.0	14.0	12.8	12.5		13.6
A17438-64	14.9	14.0	14.0	16.7	14.8	13.5		15.4
A18112-98	14.2	13.0	13.3	14.0	13.8	12.6		14.0
A18112-101	12.6	11.0	13.7	13.7	12.4	11.1		13.6
A18207-54	13.4	13.0	13.0	14.0	13.1	11.6		14.1
A18328-60Y	17.6	17.0	17.0	18.0	17.7	16.2		17.4
E20329	14.3	13.3	14.3	14.3	14.3	12.7		14.8
E21107	14.0	12.0	13.3	14.7	13.5	12.7		13.7
E21109	15.7	15.0	15.3	16.3	15.8	14.3		16.2
E21125	14.5	14.0	15.7	15.7	14.4	12.2		15.5
E21127	14.6	14.0	15.3	15.7	14.7	13.2		15.4
LD20-0815	14.8	14.3	14.7	15.0	15.0	13.1		15.2
LD20-11062	13.8	14.0	13.7	14.0	14.0	13.0		14.3
LD20-4471	14.8	13.7	13.3	15.3	14.3	13.4		14.4
LD20-4542	15.3	15.0	14.7	16.7	14.7	13.1		15.3
LD20-5172	14.5	14.3	14.0	14.3	14.6	13.5		15.7
LD20-5738	14.8	13.3	13.8	15.0	14.3	14.1		14.8
LD21-6063	13.4	13.3	14.0	14.3	13.3	11.7		14.2
LD21-6298	15.1	14.0	14.3	16.3	16.0	14.7		16.0
LD22-4111	15.1	14.7	14.7	16.0	14.5	14.5		15.6
LD22-4283	15.7	14.7	14.3	17.3	15.0	14.3		15.5
U20-134372	14.2	14.0	13.7	15.7	14.0	12.8		14.2
U20-135373	15.5	14.7	15.0	17.3	14.8	13.1		15.2
U20-137354	13.9	13.0	13.0	14.7	13.4	12.3		13.9
U21-902149	13.6	12.0	12.0	14.3	12.7	12.7		13.5
U21-915087	14.1	13.7	13.3	15.3	14.0	13.3		14.4
U21-915158	14.0	13.7	13.3	15.3	13.7	12.7		13.4
U21-931124	13.6	13.0	13.0	13.7	14.1	13.6		14.2
U21-934095	15.0	14.3	14.3	15.3	15.3	13.5		14.4

UNIFORM TEST II, 2025

SEED SIZE (g/100)

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	16.4	16.8		16.9	15.1	11.8	17.2	17.7
MN1905CN (E)	16.5	16.0		16.2	15.7	12.5	17.0	17.2
LD17-2558 (SCN)	16.4	16.2		17.5	15.0	13.4	17.7	16.9
U14-910097 (SCN) (L)	14.3	14.8		14.8	14.2	12.2	15.8	14.9
A17112-19	14.0	14.1		15.1	14.0	12.6	15.8	15.2
A17112-34	13.6	13.3		14.8	13.3	11.9	15.2	14.0
A17112-202	13.9	14.3		14.1	13.7	12.6	15.6	14.5
A17438-64	14.7	15.3		15.7	15.0	12.2	16.7	16.0
A18112-98	15.2	14.8		15.7	14.1	12.0	16.2	16.3
A18112-101	12.9	13.6		12.9	12.1	11.3	12.8	13.2
A18207-54	13.2	14.3		14.0	13.8	11.0	14.5	14.6
A18328-60Y	18.3	18.1		17.7	17.2	14.1	20.0	20.3
E20329	15.1	15.2		13.9	13.7	11.9	16.2	15.6
E21107	14.5	15.6		13.2	14.0	12.4	16.4	15.6
E21109	15.9	16.2		16.6	15.8	13.1	16.7	17.0
E21125	15.0	14.6		15.7	15.6	11.2	14.8	14.4
E21127	14.2	15.0		16.5	14.8	12.1	14.1	15.1
LD20-0815	14.4	15.7		15.6	14.2	12.3	16.6	15.7
LD20-11062	13.3	14.2		14.6	13.0	12.5	14.1	14.9
LD20-4471	14.7	14.8		16.1	15.9	13.4	17.2	16.4
LD20-4542	15.8	16.2		16.3	15.6	12.3	16.9	16.6
LD20-5172	14.3	15.0		15.8	14.6	12.4	15.0	15.4
LD20-5738	15.8	15.3		14.8	14.6	13.2	17.4	16.3
LD21-6063	13.5	13.3		14.7	13.2	11.4	13.4	13.6
LD21-6298	15.5	14.9		16.8	14.7	11.5	16.0	15.5
LD22-4111	15.3	15.4		15.5	14.8	13.1	16.5	16.2
LD22-4283	16.3	16.6		15.7	15.9	13.5	18.2	17.4
U20-134372	14.7	14.3		16.1	14.7	11.6	14.3	14.6
U20-135373	15.9	15.9		16.4	16.4	13.1	17.1	17.1
U20-137354	14.2	14.0		15.4	14.4	12.6	14.4	14.8
U21-902149	14.0	15.3		15.0	13.9	12.2	14.6	15.0
U21-915087	13.7	13.7		16.5	14.0	12.0	14.0	15.1
U21-915158	14.2	15.8		15.2	13.7	12.6	13.3	15.3
U21-931124	12.9	14.4		14.8	12.9	11.3	14.5	14.3
U21-934095	14.7	16.1		16.2	14.6	13.1	16.7	16.4

UNIFORM TEST II, 2025

SEED QUALITY (score)

Strain	Mean 13 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	1.6	1.0	2.0	1.7	2.0	2.0		1.0
MN1905CN (E)	1.6	1.0	2.0	1.7	2.0	2.0		1.5
LD17-2558 (SCN)	1.6	1.0	2.7	1.3	2.0	2.0		1.0
U14-910097 (SCN) (L)	1.6	1.3	2.3	1.7	2.0	2.0		1.0
A17112-19	1.4	1.0	2.3	1.0	2.0	2.0		1.0
A17112-34	1.6	1.0	2.7	1.3	2.0	2.0		1.0
A17112-202	1.5	1.0	2.0	1.7	2.0	2.0		1.0
A17438-64	1.7	1.0	3.0	2.0	2.0	2.0		1.0
A18112-98	1.5	1.0	1.7	1.0	2.0	2.0		1.0
A18112-101	1.5	1.0	1.3	1.7	1.0	2.0		1.0
A18207-54	1.5	1.0	1.0	1.7	2.0	2.0		1.0
A18328-60Y	1.6	1.0	1.7	2.0	2.0	2.0		1.0
E20329	1.6	1.0	2.0	1.3	2.0	2.0		1.0
E21107	1.7	1.0	2.7	1.3	2.0	2.0		1.0
E21109	1.5	1.0	2.0	2.0	2.0	2.0		1.0
E21125	1.3	1.0	2.0	1.3	1.0	2.0		1.0
E21127	1.3	1.0	1.0	1.3	2.0	1.0		1.0
LD20-0815	1.5	1.0	2.0	1.0	2.0	2.0		1.0
LD20-11062	1.5	1.0	1.7	1.3	2.0	2.0		1.0
LD20-4471	1.6	1.0	1.3	1.7	2.0	2.0		1.0
LD20-4542	1.5	1.0	1.3	1.3	2.0	2.0		1.0
LD20-5172	1.6	1.0	2.7	1.7	2.0	1.0		1.0
LD20-5738	1.7	1.0	2.9	1.3	2.0	2.0		1.0
LD21-6063	1.5	1.0	1.3	1.7	2.0	1.0		1.0
LD21-6298	1.6	1.0	1.7	1.3	2.0	2.0		1.5
LD22-4111	1.6	1.0	2.0	1.3	2.0	2.0		1.0
LD22-4283	1.7	1.0	2.0	2.0	2.0	2.0		1.0
U20-134372	1.7	1.0	2.7	2.0	2.0	2.0		1.0
U20-135373	1.6	1.0	2.0	2.0	2.0	1.0		1.0
U20-137354	1.5	1.0	1.3	1.7	2.0	2.0		1.0
U21-902149	1.4	1.0	1.7	1.0	2.0	2.0		1.0
U21-915087	1.3	1.0	1.7	1.7	1.0	1.0		1.0
U21-915158	1.5	1.0	2.0	1.0	2.0	3.0		1.0
U21-931124	1.4	1.0	2.0	1.0	2.0	2.0		1.0
U21-934095	1.5	1.0	2.0	1.7	2.0	2.0		1.0

UNIFORM TEST II, 2025

SEED QUALITY (score)

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	2.0	2.0		1.5	1.0	1.0	1.0	2.0
MN1905CN (E)	2.5	2.0		1.0	1.0	1.0	1.0	2.0
LD17-2558 (SCN)	2.0	2.5		1.0	1.0	1.0	1.3	2.0
U14-910097 (SCN) (L)	2.0	2.0		1.0	1.0	1.0	1.0	2.0
A17112-19	1.5	2.0		1.0	1.0	1.0	1.0	1.7
A17112-34	2.5	2.0		1.0	1.0	1.0	1.0	2.0
A17112-202	2.0	2.0		1.0	1.0	1.0	1.0	2.0
A17438-64	2.0	2.0		1.0	1.0	1.0	1.7	2.7
A18112-98	1.5	2.5		1.0	1.0	1.0	2.0	2.0
A18112-101	2.5	2.0		1.0	1.0	1.0	1.0	2.7
A18207-54	2.0	2.5		1.0	1.0	1.0	1.0	2.0
A18328-60Y	2.0	2.0		1.0	1.0	1.0	2.0	2.3
E20329	3.0	2.0		1.0	1.0	1.0	1.0	2.0
E21107	2.0	2.5		1.0	1.0	1.7	1.3	2.0
E21109	2.0	2.0		1.0	1.0	1.0	1.0	2.0
E21125	1.0	2.5		1.0	1.0	1.0	1.0	1.7
E21127	1.5	2.0		1.0	1.0	1.0	1.0	2.3
LD20-0815	2.0	2.0		1.0	1.0	1.0	2.0	2.0
LD20-11062	2.0	2.5		1.0	1.0	1.0	1.7	1.0
LD20-4471	2.0	2.0		1.0	1.0	2.0	2.0	2.0
LD20-4542	2.0	2.0		1.0	1.0	1.0	1.3	2.0
LD20-5172	2.0	2.0		1.0	1.0	2.0	1.0	2.0
LD20-5738	2.0	2.5		1.0	1.0	1.0	1.7	2.7
LD21-6063	3.0	2.0		1.0	1.0	1.0	1.7	2.0
LD21-6298	3.0	2.0		1.0	1.0	1.0	1.3	2.0
LD22-4111	2.5	2.0		1.0	1.0	1.0	1.7	2.0
LD22-4283	2.0	2.0		1.0	1.0	2.0	1.3	2.3
U20-134372	2.0	2.0		1.0	1.0	1.0	2.0	3.0
U20-135373	2.0	2.0		1.0	1.0	1.0	2.0	2.3
U20-137354	2.0	2.0		1.0	1.0	1.0	1.0	2.0
U21-902149	2.0	2.0		1.0	1.0	1.0	1.0	1.7
U21-915087	1.0	2.0		1.0	1.0	1.0	1.0	2.0
U21-915158	2.0	2.0		1.0	1.0	1.0	1.0	2.0
U21-931124	2.0	2.0		1.0	1.0	1.0	1.0	1.3
U21-934095	2.0	1.5		1.0	1.0	1.0	1.0	2.0

UNIFORM TEST II, 2025

PROTEIN (%)

Strain	Mean 13 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	34.3	34.0	34.4	34.3	35.3	33.1		34.4
MN1905CN (E)	33.6	34.2	34.0	32.9	34.4	32.8		32.8
LD17-2558 (SCN)	32.9	32.5	33.3	32.8	33.3	30.8		32.5
U14-910097 (SCN) (L)	32.7	33.7	33.6	33.0	33.4	32.0		33.4
A17112-19	30.6	30.7	32.1	30.2	31.0	30.7		30.3
A17112-34	31.0	31.3	32.0	31.1	31.8	30.5		31.8
A17112-202	30.8	32.3	32.0	30.6	31.3	30.2		30.2
A17438-64	32.0	31.8	32.6	31.6	32.0	31.5		32.3
A18112-98	34.2	34.9	34.7	33.2	35.0	34.1		35.3
A18112-101	33.5	33.0	34.3	34.4	34.0	33.0		33.1
A18207-54	32.2	32.8	32.3	32.7	32.9	31.1		32.9
A18328-60Y	36.1	36.9	36.6	36.2	35.8	34.8		36.8
E20329	32.4	32.6	31.8	31.9	33.3	31.7		32.9
E21107	32.6	32.7	33.2	33.5	32.5	31.7		33.2
E21109	32.9	33.2	33.2	33.2	32.8	32.2		34.1
E21125	34.0	34.6	34.8	34.8	34.2	33.6		34.3
E21127	33.9	34.0	34.3	33.6	34.4	33.4		34.3
LD20-0815	32.2	31.9	32.5	31.7	32.9	31.2		32.5
LD20-11062	32.6	32.3	32.2	32.0	32.7	31.9		32.8
LD20-4471	32.7	32.6	33.9	33.1	32.3	31.3		32.4
LD20-4542	33.5	33.8	34.1	33.7	34.0	33.0		33.7
LD20-5172	31.7	31.7	32.1	31.4	31.9	31.0		33.0
LD20-5738	32.4	32.8	32.3	32.1	32.1	31.9		32.9
LD21-6063	33.2	33.4	33.1	33.1	34.2	31.9		33.8
LD21-6298	32.1	31.6	32.1	31.3	31.3	31.4		32.6
LD22-4111	32.9	32.6	33.6	32.1	32.1	33.1		34.0
LD22-4283	33.9	35.5	34.6	33.7	34.6	33.0		34.6
U20-134372	32.9	33.1	34.1	32.7	33.0	31.7		33.5
U20-135373	33.5	33.8	34.5	32.6	34.0	33.3		34.5
U20-137354	32.8	33.8	33.9	33.2	33.2	31.4		32.4
U21-902149	32.2	31.2	32.6	31.2	33.4	32.1		32.9
U21-915087	33.4	33.3	33.9	34.0	33.7	33.4		33.9
U21-915158	31.9	32.0	32.1	32.1	32.2	30.9		32.7
U21-931124	33.0	32.8	33.9	33.0	33.2	33.1		33.2
U21-934095	32.5	32.4	32.7	32.7	33.6	31.7		33.4

UNIFORM TEST II, 2025

PROTEIN (%)

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	35.4	34.6		35.1	34.9	31.7	34.2	34.4
MN1905CN (E)	34.5	35.0		33.2	33.1	31.9	33.8	34.0
LD17-2558 (SCN)	33.2	31.4		38.9	32.6	31.2	32.5	33.1
U14-910097 (SCN) (L)	32.7	32.7		33.0	31.2	31.3	31.4	33.5
A17112-19	31.4	30.0		32.3	30.7	27.5	30.2	30.8
A17112-34	30.7	30.7		31.6	29.4	29.7	31.0	31.0
A17112-202	31.1	29.8		32.5	30.4	28.9	29.9	31.3
A17438-64	33.6	31.8		33.4	31.8	30.0	31.3	32.4
A18112-98	35.0	33.8		35.6	33.4	32.5	32.9	33.7
A18112-101	34.1	34.0		34.1	33.2	33.3	30.8	33.7
A18207-54	33.1	33.0		31.7	31.6	30.4	31.7	32.2
A18328-60Y	35.3	36.2		36.6	36.0	35.5	35.9	36.3
E20329	32.8	32.9		32.9	32.0	31.4	32.2	33.1
E21107	33.1	33.0		32.8	32.1	31.4	32.3	31.9
E21109	33.3	33.7		33.6	32.9	30.6	32.0	33.0
E21125	34.7	34.2		35.2	33.9	31.7	32.4	34.2
E21127	35.2	34.2		35.0	34.1	31.4	32.5	34.1
LD20-0815	32.6	32.6		32.6	31.6	32.1	31.9	32.4
LD20-11062	33.1	33.4		33.9	32.7	32.8	31.4	32.5
LD20-4471	33.3	33.0		33.2	31.5	31.7	32.4	33.9
LD20-4542	33.4	33.0		34.2	34.3	32.4	32.6	33.8
LD20-5172	32.5	32.4		32.2	30.7	30.9	30.6	31.9
LD20-5738	33.2	32.1		33.0	32.7	31.6	31.9	32.5
LD21-6063	34.2	33.4		34.1	32.1	31.8	32.2	34.2
LD21-6298	33.0	33.6		32.9	32.0	30.2	32.4	33.2
LD22-4111	34.2	32.8		33.0	32.9	32.1	32.4	33.4
LD22-4283	34.4	33.0		35.6	33.7	31.4	33.4	33.7
U20-134372	33.7	33.6		33.3	32.5	32.1	31.8	32.9
U20-135373	34.6	33.0		33.3	32.6	32.6	33.5	33.8
U20-137354	33.8	32.6		33.6	32.7	30.4	32.3	33.3
U21-902149	33.4	31.9		33.9	31.4	31.3	31.1	32.1
U21-915087	34.0	32.6		34.6	33.0	31.4	32.8	34.2
U21-915158	32.1	31.8		32.8	32.6	30.5	31.5	31.1
U21-931124	34.2	32.7		33.7	32.5	31.6	31.8	33.8
U21-934095	33.7	31.5		33.6	32.7	31.1	31.2	33.1

UNIFORM TEST II, 2025

OIL (%)

Strain	Mean 13 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN
IA2102 (II)	18.3	19.0	18.5	18.4	19.0	20.1		18.9
MN1905CN (E)	19.6	19.5	19.8	20.1	19.8	21.0		20.5
LD17-2558 (SCN)	18.5	19.7	19.3	19.7	19.4	20.8		19.4
U14-910097 (SCN) (L)	19.7	19.6	19.7	20.0	19.8	20.9		19.8
A17112-19	20.3	20.6	20.4	20.7	20.5	21.1		20.8
A17112-34	19.9	20.0	19.8	20.2	20.2	21.0		20.0
A17112-202	20.0	19.5	20.2	20.5	20.4	21.1		20.6
A17438-64	19.9	20.6	20.4	20.9	20.7	21.4		20.6
A18112-98	18.9	19.2	19.5	19.6	19.6	19.6		18.9
A18112-101	18.6	19.2	19.0	18.8	19.4	20.2		19.3
A18207-54	19.3	19.3	19.7	19.0	19.4	20.5		19.5
A18328-60Y	18.0	18.3	18.4	18.0	19.0	19.7		18.4
E20329	19.2	19.4	20.1	19.6	19.5	20.7		19.6
E21107	18.8	18.9	19.3	19.0	19.2	20.0		19.0
E21109	18.6	19.0	19.3	18.6	19.4	19.8		18.8
E21125	18.1	18.6	18.4	17.8	18.5	19.7		18.9
E21127	18.3	18.5	18.6	18.4	18.2	19.7		18.9
LD20-0815	20.0	20.4	20.3	20.5	20.0	21.4		20.3
LD20-11062	19.3	19.8	20.3	19.7	20.0	21.4		19.7
LD20-4471	19.7	20.0	19.8	19.8	20.1	20.7		20.2
LD20-4542	19.7	19.8	20.2	19.8	20.2	21.0		19.7
LD20-5172	18.9	19.1	18.9	19.7	19.6	20.6		19.1
LD20-5738	18.6	18.8	18.7	19.3	18.8	19.7		18.8
LD21-6063	19.4	19.6	19.8	19.6	20.0	21.1		19.6
LD21-6298	19.4	20.2	20.0	19.7	20.5	21.4		20.1
LD22-4111	19.4	19.7	19.5	19.8	20.3	20.4		19.5
LD22-4283	19.4	19.3	19.5	20.2	19.9	20.5		19.8
U20-134372	19.3	19.7	19.4	19.6	19.9	21.1		19.3
U20-135373	19.1	19.5	19.2	19.8	19.5	20.1		19.5
U20-137354	19.3	19.2	19.3	19.9	20.1	20.8		20.1
U21-902149	19.7	20.3	19.7	20.3	20.0	20.7		19.7
U21-915087	19.4	19.9	19.5	19.9	19.9	20.0		19.4
U21-915158	19.1	19.6	19.8	19.5	19.6	20.5		19.1
U21-931124	19.0	19.5	19.3	19.5	19.9	19.8		19.3
U21-934095	19.8	20.2	20.1	20.2	20.2	20.6		19.9

UNIFORM TEST II, 2025

OIL (%)

Strain	Britton MI	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT	Ridge- town ONT
IA2102 (II)	17.4	17.3		18.1	18.6	19.3	17.2	16.8
MN1905CN (E)	18.3	17.9		20.3	19.9	20.2	19.2	18.4
LD17-2558 (SCN)	17.8	17.8		12.3	19.6	19.5	18.1	17.6
U14-910097 (SCN) (L)	19.2	18.9		20.2	20.3	20.5	18.7	18.1
A17112-19	19.0	19.4		20.3	20.6	21.5	20.1	18.9
A17112-34	19.4	19.3		20.1	20.6	20.5	19.1	18.5
A17112-202	19.3	19.6		20.2	20.2	21.0	19.5	18.6
A17438-64	18.3	18.3		20.4	18.8	20.5	18.9	19.3
A18112-98	18.0	18.5		19.1	19.2	20.0	17.7	17.3
A18112-101	17.6	17.3		18.9	18.8	18.8	17.8	17.1
A18207-54	18.3	17.7		20.4	19.5	19.9	18.7	18.5
A18328-60Y	17.5	16.7		18.3	18.0	18.4	17.0	16.9
E20329	18.3	18.0		19.2	19.7	19.6	17.6	17.9
E21107	17.7	17.0		19.3	19.0	19.6	19.0	18.0
E21109	17.7	16.9		18.9	19.2	19.5	18.3	16.9
E21125	17.1	17.1		18.5	18.3	19.0	17.4	16.6
E21127	16.7	16.9		18.3	18.2	19.2	18.2	17.9
LD20-0815	19.1	18.1		20.4	20.6	19.9	19.5	19.2
LD20-11062	18.6	17.4		19.4	19.4	19.2	18.4	18.2
LD20-4471	18.7	18.6		20.1	19.5	20.8	19.7	18.7
LD20-4542	19.0	18.6		19.6	19.5	20.1	19.4	18.8
LD20-5172	18.0	17.2		19.8	19.9	19.1	17.7	17.6
LD20-5738	17.3	17.4		19.2	19.1	18.9	17.9	18.1
LD21-6063	18.1	18.0		19.9	20.1	19.5	18.7	17.8
LD21-6298	18.7	17.1		20.1	19.9	20.3	17.6	17.3
LD22-4111	18.3	18.5		19.7	19.8	19.7	18.6	18.2
LD22-4283	18.6	18.9		19.2	19.5	20.7	18.4	18.4
U20-134372	18.2	18.0		19.8	19.8	19.7	18.4	17.7
U20-135373	17.7	18.2		20.0	19.5	19.5	18.0	17.6
U20-137354	17.8	18.3		19.9	19.6	20.3	18.3	17.9
U21-902149	19.0	19.4		19.5	20.0	20.1	19.2	18.3
U21-915087	18.6	19.0		19.2	19.5	19.9	19.1	19.0
U21-915158	18.0	18.1		19.6	19.1	19.7	18.2	17.5
U21-931124	17.9	17.9		18.9	19.3	19.5	18.2	17.9
U21-934095	18.8	19.6		19.6	19.7	20.7	19.8	18.4

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**Northern Regional Uniform Test
Preliminary Test IIA, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	IA2102 (II)	A04-545045	AgriPro 98180-A01-0613	Cai		F4	
2	MN1905CN (E)	M08-365038	IA1026	Lorenz		F9	Yld, SCN
3	LD17-2558 (SCN)	U11-614119	LD09-30224	Monteverde		F5	SCN
4	U14-910097 (SCN) (L)	U09-105007	LD07-3419	Graef		F5	SCN (HR, HR)
5	A19102-112Y	IA1026/LD10-5213a	U16-932015	Singh	Initial	F5	
6	A19105-81Y	A14058-33	U14-206326	Singh	Initial	F5	
7	A19201-135Y	U14-910097/AR17-279003	A14011-77	Singh	Initial	F5	
8	A19205-50	U14-910097/LD15-456	A14011-77	Singh	Initial	F5	
9	A19205-83Y	U14-910097/LD15-456	A14011-77	Singh	Initial	F5	
10	A19232-35	U14-925152/LD15-467	A14004-126	Singh	Initial	F5	
11	A19305-67Y	A14058-96/A14049-133	A14001-32	Singh	Initial	F5	
12	A19331-177Y	A14011-77	U15-917133	Singh	Initial	F5	
13	A19335-85Y	A14011-77	U16-932015	Singh	Initial	F5	
14	A19335-128Y	A14011-77	U16-932015	Singh	Initial	F5	
15	A19350-14Y	A14004-126	LD16-4471a	Singh	Initial	F5	
16	CR22-00202			Rainey	Initial		
17	CR22-01319			Rainey	Initial		
18	CR22-01447			Rainey	Initial		
19	CR22-01526			Rainey	Initial		
20	CR22-02199			Rainey	Initial		
21	CR22-02851			Rainey	Initial		
22	CR22-03306			Rainey	Initial		
23	CR22-04718			Rainey	Initial		
24	CR22-04834			Rainey	Initial		
25	CR22-05431			Rainey	Initial		
26	LD22-0009a	U11-932025	LD13-5131a	Monteverde	Initial	F5	Rag2
27	LD22-1274	LD12-459	LD11-2170	Monteverde	Initial	F5	SCN
28	LD22-1276	LD12-459	LD11-2170	Monteverde	Initial	F5	SCN
29	LD22-4118	U14-103015	LD15-5782791	Monteverde	Initial	F5	SCN
30	LD22-4180	LD15-456	U14-103015	Monteverde	Initial	F5	SCN
31	LD22-4199	LD15-456	U14-103015	Monteverde	Initial	F5	SCN
32	LD22-4834	LD15-1628	LD11-2170	Monteverde	Initial	F5	SCN
33	LD22-5592	LD15-456	LD15-3818	Monteverde	Initial	F5	SCN
34	LD22-9044a	LD17-06574	G151200	Monteverde	Initial	F5	SCN, Rag1+2

PRELIMINARY TEST IIA, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
IA2102 (II)	WGTDYYI
MN1905CN (E)	PTBDYYI
LD17-2558 (SCN)	PGBSYBI
U14-910097 (SCN) (L)	PGTDYBI
A19102-112Y	PLtBDYYI
A19105-81Y	PLtTDYHI
A19201-135Y	WLt+GTDYYI
A19205-50	PLtBSYBI
A19205-83Y	WGBDYYI
A19232-35	PGBDYHI
A19305-67Y	PTBSYHI
A19331-177Y	PLtBSYHI
A19335-85Y	PLtB+TSYYI
A19335-128Y	PLtB+TSYYI
A19350-14Y	PGTSYYI
CR22-00202	PLtBDYBI
CR22-01319	WLtBDYBI
CR22-01447	WTTSYBI
CR22-01526	WLtTSYBI
CR22-02199	PLt+GBDYHI
CR22-02851	P+WLtTDYBI
CR22-03306	WLtTSYBI
CR22-04718	PLtTDYBI
CR22-04834	P+WLtBDYBI
CR22-05431	WLtBSYBI
LD22-0009a	WGBDYBI
LD22-1274	PLtBDYBI
LD22-1276	PLtBDYBI
LD22-4118	PT+LtB+TDYBI
LD22-4180	PLtTSYBI
LD22-4199	WLtBSYBI
LD22-4834	PLtBDYBI
LD22-5592	PLtBDYBI
LD22-9044a	PGTSYYI

PRELIMINARY TEST IIA, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	12 bu/a	12 No.	11 Date	11 Score	10 In.	11 g/100	11 Score	Protein 11 %	Oil 11 %
IA2102 (II)	67.3	22	9/18	2.1	37	15.4	1.6	34.1	18.6
MN1905CN (E)	64.7	30	-2.5	1.7	35	15.9	1.6	33.6	19.7
LD17-2558 (SCN)	72.2	9	3.5	1.4	37	15.5	1.5	32.8	19.2
U14-910097 (SCN) (L)	74.5	3	6.4	2.0	34	13.6	1.6	32.4	20.1
A19102-112Y	66.5	25	0.6	1.6	35	14.6	1.5	32.8	19.6
A19105-81Y	65.4	29	-1.7	1.5	34	16.0	1.4	34.0	19.2
A19201-135Y	71.5	11	3.3	1.8	36	14.2	1.5	33.9	18.4
A19205-50	71.1	13	1.7	1.2	32	15.3	1.5	34.9	18.7
A19205-83Y	70.8	15	1.8	1.5	35	16.5	1.5	33.8	19.3
A19232-35	73.6	5	1.5	1.3	35	13.9	1.4	34.0	19.7
A19305-67Y	61.6	34	1.3	1.4	34	17.3	1.6	34.6	19.4
A19331-177Y	72.2	8	5.6	1.7	38	15.5	1.5	33.6	19.3
A19335-85Y	72.3	7	1.7	1.4	34	16.6	1.5	34.4	19.3
A19335-128Y	71.1	12	3.9	1.7	34	15.5	1.6	34.5	19.2
A19350-14Y	66.3	26	3.1	1.6	35	14.1	1.5	33.3	19.2
CR22-00202	72.7	6	6.4	1.3	36	14.6	1.4	33.6	19.2
CR22-01319	67.3	21	3.7	1.5	38	15.3	1.5	34.4	18.7
CR22-01447	63.7	31	6.5	1.7	39	14.6	1.5	33.1	19.2
CR22-01526	66.6	24	5.5	1.8	36	15.0	1.5	33.3	19.1
CR22-02199	62.7	32	2.1	1.6	35	14.3	1.6	33.7	19.1
CR22-02851	67.6	20	3.8	1.2	33	15.7	1.5	33.2	19.5
CR22-03306	69.5	16	5.5	1.2	33	14.1	1.5	31.9	19.2
CR22-04718	65.5	28	7.5	1.3	34	14.1	1.3	33.8	19.2
CR22-04834	75.7	2	5.5	1.8	37	15.5	1.5	33.5	18.8
CR22-05431	61.9	33	6.8	1.6	37	15.1	1.5	33.0	19.0
LD22-0009a	69.1	17	0.4	1.5	32	15.2	1.7	33.3	18.4
LD22-1274	75.9	1	4.0	1.3	34	12.9	1.5	32.9	19.4
LD22-1276	73.9	4	6.0	1.4	36	12.4	1.5	32.7	19.3
LD22-4118	68.9	18	2.1	1.5	35	14.4	1.4	33.4	19.6
LD22-4180	65.8	27	1.5	1.3	35	16.0	1.5	35.3	18.9
LD22-4199	68.4	19	3.2	1.8	36	17.7	1.5	35.2	19.2
LD22-4834	72.0	10	6.0	1.2	35	14.2	1.5	33.9	18.9
LD22-5592	71.0	14	5.3	1.4	38	16.8	1.6	33.6	19.3
LD22-9044a	67.1	23	2.0	1.0	37	13.5	1.4	33.9	19.4
Mean	69.0			1.5	35.4	15.0	1.5	33.7	19.2
C.V. (%)	9.1								
L.S.D. (5%)	3.5								

124.6 Days After Planting

PRELIMINARY TEST IIA, 2025

YIELD (bu/a)

Strain	Mean 12 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	67.3	64.3	68.0	70.2	58.3	53.7	81.9
MN1905CN (E)	64.7	62.1	63.6	54.8	53.9	56.0	76.3
LD17-2558 (SCN)	72.2	70.7	71.8	66.5	53.5	68.7	86.2
U14-910097 (SCN) (L)	74.5	69.6	71.8	89.5	60.0	63.8	89.0
A19102-112Y	66.5	68.5	73.0	52.4	53.1	56.1	84.4
A19105-81Y	65.4	70.6	74.4	73.3	49.1	48.7	81.3
A19201-135Y	71.5	73.9	80.5	74.2	54.6	58.3	86.4
A19205-50	71.1	70.8	72.9	75.3	58.9	58.5	84.3
A19205-83Y	70.8	68.8	71.2	57.2	59.0	58.8	82.8
A19232-35	73.6	71.4	92.9	77.5	57.1	59.1	92.7
A19305-67Y	61.6	62.8	68.3	67.1	55.3	52.6	78.4
A19331-177Y	72.2	66.5	85.9	71.5	52.8	59.8	89.5
A19335-85Y	72.3	74.3	80.2	83.5	56.1	59.1	86.6
A19335-128Y	71.1	71.5	74.5	81.9	54.9	59.0	83.1
A19350-14Y	66.3	52.0	64.0	58.8	53.8	56.7	80.9
CR22-00202	72.7	63.5	81.2	79.5	57.2	62.1	83.9
CR22-01319	67.3	78.2	72.2	64.2	56.1	58.9	80.4
CR22-01447	63.7	62.5	56.1	56.1	48.0	55.5	86.2
CR22-01526	66.6	71.5	64.0	69.6	54.3	61.2	79.4
CR22-02199	62.7	53.1	76.2	50.8	57.9	56.1	78.1
CR22-02851	67.6	68.3	75.9	76.9	53.6	58.8	80.3
CR22-03306	69.5	50.5	67.3	69.8	55.5	51.5	81.5
CR22-04718	65.5	58.4	68.1	78.0	52.0	55.2	73.6
CR22-04834	75.7	73.9	75.8	84.7	56.6	61.3	84.4
CR22-05431	61.9	62.5	60.4	64.4	51.4	57.5	84.6
LD22-0009a	69.1	73.5	84.5	72.0	60.6	54.2	85.9
LD22-1274	75.9	80.0	87.9	75.9	58.0	62.5	91.3
LD22-1276	73.9	76.4	80.5	81.1	54.0	56.1	84.2
LD22-4118	68.9	74.3	68.2	67.0	53.2	57.6	81.9
LD22-4180	65.8	74.1	68.3	63.3	54.6	56.7	76.2
LD22-4199	68.4	74.5	75.8	69.7	54.8	58.3	82.1
LD22-4834	72.0	72.3	77.0	72.7	59.0	60.5	84.1
LD22-5592	71.0	80.0	68.1	64.2	56.6	68.0	85.4
LD22-9044a	67.1	70.6	72.8	60.1	54.2	57.9	84.1
Location Mean		68.7	73.3	69.8	55.2	58.2	83.3
C.V. (%)		7.7	8.2	12.8	7.7	5.0	7.6
L.S.D. (5%)		10.8	12.2	18.2	8.7	6.0	12.8
Row Sp. (In.)		30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		2	2	2	2	2	2

PRELIMINARY TEST IIA, 2025

YIELD (bu/a)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	57.0	92.2	56.3	83.9	42.7	79.3
MN1905CN (E)	54.5	80.3	66.9	78.9	42.7	87.6
LD17-2558 (SCN)	55.2	92.8	73.2	78.9	50.2	98.6
U14-910097 (SCN) (L)	54.6	106.4	64.8	83.0	44.0	99.1
A19102-112Y	56.8	95.2	78.6	76.4	31.2	73.8
A19105-81Y	63.3	88.4	78.8	68.6	35.0	54.7
A19201-135Y	56.0	100.1	70.4	78.3	45.1	80.8
A19205-50	59.8	90.3	78.7	72.8	46.1	85.0
A19205-83Y	54.5	103.4	73.0	87.9	45.5	87.6
A19232-35	52.4	96.5	75.7	82.9	42.6	82.4
A19305-67Y	48.7	72.8	44.6	77.7	32.5	78.7
A19331-177Y	59.6	111.4	69.0	78.6	43.9	78.4
A19335-85Y	54.8	98.4	69.9	83.1	48.7	72.6
A19335-128Y	56.9	83.9	72.1	84.5	44.1	87.3
A19350-14Y	54.4	95.7	74.7	80.0	46.8	78.3
CR22-00202	54.4	94.6	77.1	77.6	50.5	92.1
CR22-01319	44.3	81.4	67.8	80.5	42.7	81.3
CR22-01447	49.9	89.1	68.7	81.7	42.6	67.8
CR22-01526	51.4	92.4	61.7	74.1	37.9	81.5
CR22-02199	43.9	81.0	67.5	75.3	36.1	76.8
CR22-02851	48.9	88.3	64.2	72.5	42.7	80.3
CR22-03306	60.7	103.2	77.3	83.2	47.4	86.7
CR22-04718	53.9	79.9	72.2	71.4	42.1	82.0
CR22-04834	53.6	99.0	82.9	87.9	49.8	99.9
CR22-05431	47.1	67.0	60.9	69.0	43.4	76.2
LD22-0009a	55.5	96.8	61.7	76.8	38.6	69.4
LD22-1274	56.6	92.2	81.6	76.3	46.6	101.8
LD22-1276	52.6	96.7	89.1	76.8	41.7	97.6
LD22-4118	50.8	95.6	70.4	86.9	37.4	84.3
LD22-4180	54.7	77.1	63.6	78.4	47.2	76.6
LD22-4199	52.5	71.3	73.7	85.6	40.2	81.9
LD22-4834	58.2	92.3	70.5	84.8	48.1	84.8
LD22-5592	53.5	100.5	66.2	82.1	46.3	81.3
LD22-9044a	55.7	71.7	67.9	79.9	45.7	84.2
Location Mean	54.0	90.5	70.3	79.3	43.2	82.6
C.V. (%)	9.5	12.3	8.4	6.8	9.0	6.1
L.S.D. (5%)	10.5	22.6	12.0	11.0	7.9	10.2
Row Sp. (In.)	15	30	30	30	8	17
Rows/Plot	6	4	4	4	8	5
Reps	2	2	2	2	2	2

PRELIMINARY TEST IIA, 2025

YIELD RANK

Strain	Mean 12 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	22	25	28	17	6	31	23
MN1905CN (E)	30	30	32	32	24	27	32
LD17-2558 (SCN)	9	17	21	23	27	1	7
U14-910097 (SCN) (L)	3	20	20	1	2	3	4
A19102-112Y	25	22	16	33	29	24	12
A19105-81Y	29	19	15	13	33	34	25
A19201-135Y	11	10	6	12	20	17	6
A19205-50	13	16	17	11	5	16	14
A19205-83Y	15	21	22	30	4	15	20
A19232-35	5	15	1	8	10	11	1
A19305-67Y	34	27	24	21	16	32	30
A19331-177Y	8	24	3	16	30	9	3
A19335-85Y	7	6	8	3	14	10	5
A19335-128Y	12	14	14	4	17	12	19
A19350-14Y	26	33	31	29	25	22	26
CR22-00202	6	26	5	6	9	5	18
CR22-01319	21	3	19	25	13	13	27
CR22-01447	31	29	34	31	34	28	7
CR22-01526	24	13	30	20	21	7	29
CR22-02199	32	32	10	34	8	26	31
CR22-02851	20	23	11	9	26	14	28
CR22-03306	16	34	29	18	15	33	24
CR22-04718	28	31	27	7	31	29	34
CR22-04834	2	9	12	2	11	6	13
CR22-05431	33	28	33	24	32	21	11
LD22-0009a	17	11	4	15	1	30	9
LD22-1274	1	1	2	10	7	4	2
LD22-1276	4	4	6	5	23	24	15
LD22-4118	18	7	25	22	28	20	22
LD22-4180	27	8	23	27	19	23	33
LD22-4199	19	5	12	19	18	18	21
LD22-4834	10	12	9	14	3	8	17
LD22-5592	14	2	26	25	11	2	10
LD22-9044a	23	18	18	28	22	19	16

PRELIMINARY TEST IIA, 2025

YIELD RANK

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	6	19	33	7	19	23
MN1905CN (E)	18	28	25	17	20	7
LD17-2558 (SCN)	13	16	12	18	2	4
U14-910097 (SCN) (L)	16	2	27	10	16	3
A19102-112Y	8	14	6	26	34	30
A19105-81Y	1	23	4	34	32	34
A19201-135Y	10	6	18	21	14	21
A19205-50	3	21	5	30	11	11
A19205-83Y	17	3	13	2	13	7
A19232-35	26	11	9	11	23	15
A19305-67Y	31	31	34	22	33	24
A19331-177Y	4	1	20	19	17	25
A19335-85Y	14	8	19	9	4	31
A19335-128Y	7	25	15	6	15	9
A19350-14Y	19	12	10	15	8	26
CR22-00202	19	15	8	23	1	6
CR22-01319	33	26	23	14	22	20
CR22-01447	29	22	21	13	24	33
CR22-01526	27	17	30	29	29	18
CR22-02199	34	27	24	28	31	27
CR22-02851	30	24	28	31	20	22
CR22-03306	2	4	7	8	6	10
CR22-04718	21	29	14	32	25	16
CR22-04834	22	7	2	1	3	2
CR22-05431	32	34	32	33	18	29
LD22-0009a	12	9	30	25	28	32
LD22-1274	9	20	3	27	9	1
LD22-1276	24	10	1	24	26	5
LD22-4118	28	13	17	3	30	13
LD22-4180	15	30	29	20	7	28
LD22-4199	25	33	11	4	27	17
LD22-4834	5	18	16	5	5	12
LD22-5592	23	5	26	12	10	19
LD22-9044a	11	32	22	16	12	14

PRELIMINARY TEST IIA, 2025

MATURITY (date)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Monmouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	9/18	9/14	9/15	9/18		9/10	9/12
MN1905CN (E)	-2	-5	-3	-4		0	-3
LD17-2558 (SCN)	4	3	1	2		4	3
U14-910097 (SCN) (L)	6	7	2	6		9	7
A19102-112Y	1	5	0	-1		1	1
A19105-81Y	-2	0	0	-1		0	-3
A19201-135Y	3	5	2	4		4	4
A19205-50	2	4	0	2		2	1
A19205-83Y	2	4	1	2		1	1
A19232-35	2	2	-1	2		3	3
A19305-67Y	1	2	1	1		3	2
A19331-177Y	6	8	3	5		8	6
A19335-85Y	2	4	2	3		3	4
A19335-128Y	4	6	1	4		6	4
A19350-14Y	3	4	2	2		5	3
CR22-00202	6	7	3	6		9	10
CR22-01319	4	4	1	2		6	6
CR22-01447	7	7	3	3		9	9
CR22-01526	6	6	3	4		8	8
CR22-02199	2	2	1	0		3	2
CR22-02851	4	4	1	1		6	6
CR22-03306	5	5	2	3		8	8
CR22-04718	8	7	3	5		11	9
CR22-04834	6	5	2	4		6	7
CR22-05431	7	6	3	5		7	9
LD22-0009a	0	0	0	0		3	3
LD22-1274	4	5	1	4		6	5
LD22-1276	6	6	3	6		6	6
LD22-4118	2	2	-1	1		3	4
LD22-4180	2	2	-1	0		2	0
LD22-4199	3	5	2	2		3	5
LD22-4834	6	8	2	4		8	6
LD22-5592	5	5	3	3		6	7
LD22-9044a	2	4	2	1		4	2
Date Planted	5/16	5/12	5/6	4/23	5/17	5/19	5/10
Days to Mature	125	125	132	148		114	125

PRELIMINARY TEST IIA, 2025

MATURITY (date)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	9/29	9/23	9/14	9/26	9/15	9/26
MN1905CN (E)	-4	-3	-1	-4	-1	-2
LD17-2558 (SCN)	3	6	7	2	6	4
U14-910097 (SCN) (L)	5	6	10	3	12	7
A19102-112Y	-1	1	1	1	2	-3
A19105-81Y	-3	1	-1	-2	-5	-6
A19201-135Y	4	2	3	3	5	2
A19205-50	1	3	2	1	6	-1
A19205-83Y	0	3	4	1	5	0
A19232-35	-2	3	3	0	4	0
A19305-67Y	0	3	1	1	2	-1
A19331-177Y	4	5	10	3	9	3
A19335-85Y	-1	1	2	0	4	-1
A19335-128Y	3	5	4	2	6	5
A19350-14Y	3	2	4	1	8	3
CR22-00202	5	6	10	3	10	4
CR22-01319	4	5	7	1	6	3
CR22-01447	6	7	10	2	11	5
CR22-01526	4	5	11	1	8	6
CR22-02199	3	4	3	2	3	2
CR22-02851	3	3	4	2	8	5
CR22-03306	3	5	11	2	12	3
CR22-04718	8	7	11	4	12	8
CR22-04834	3	5	9	4	12	6
CR22-05431	5	7	11	5	10	9
LD22-0009a	-1	-1	-1	-1	3	-2
LD22-1274	2	4	6	3	7	4
LD22-1276	4	6	10	4	12	6
LD22-4118	3	4	2	1	5	2
LD22-4180	3	3	3	2	4	0
LD22-4199	3	4	3	2	5	4
LD22-4834	4	5	10	5	11	5
LD22-5592	6	7	7	4	7	5
LD22-9044a	2	1	2	0	5	1
Date Planted	6/3	5/14	5/5	5/31	6/3	5/26
Days to Mature	118	132	132	118	104	123

PRELIMINARY TEST IIA, 2025

LODGING (score)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Monmouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	2.1	3.5	2.5	3.0		1.5	2.0
MN1905CN (E)	1.7	2.0	3.0	2.5		1.3	1.0
LD17-2558 (SCN)	1.4	1.0	2.0	1.0		1.5	1.0
U14-910097 (SCN) (L)	2.0	2.5	3.5	1.5		1.5	2.0
A19102-112Y	1.6	1.0	3.0	3.0		1.3	1.0
A19105-81Y	1.5	1.5	2.5	1.0		1.3	1.0
A19201-135Y	1.8	2.0	3.0	2.5		1.0	2.0
A19205-50	1.2	1.0	2.0	1.0		1.0	1.0
A19205-83Y	1.5	1.5	3.5	1.0		1.0	1.0
A19232-35	1.3	1.5	1.5	1.0		1.5	1.0
A19305-67Y	1.4	1.0	2.5	1.0		1.3	1.0
A19331-177Y	1.7	2.0	3.0	1.5		1.5	2.0
A19335-85Y	1.4	1.0	2.5	1.5		1.0	1.0
A19335-128Y	1.7	1.0	2.5	1.0		1.3	1.0
A19350-14Y	1.6	2.0	3.5	1.5		1.5	1.0
CR22-00202	1.3	1.0	2.0	1.0		1.3	1.0
CR22-01319	1.5	2.0	1.5	1.5		1.0	1.0
CR22-01447	1.7	1.0	2.5	2.0		1.3	2.0
CR22-01526	1.8	1.0	3.5	2.0		1.0	1.5
CR22-02199	1.6	2.0	2.5	1.5		1.5	1.0
CR22-02851	1.2	1.0	2.0	1.0		1.0	1.0
CR22-03306	1.2	1.0	2.0	1.0		1.0	1.0
CR22-04718	1.3	1.0	2.0	1.0		1.0	1.0
CR22-04834	1.8	2.5	2.5	2.0		1.0	1.5
CR22-05431	1.6	1.0	2.5	1.0		1.3	1.5
LD22-0009a	1.5	2.0	2.5	2.0		1.0	1.0
LD22-1274	1.3	1.0	2.0	1.0		1.0	1.0
LD22-1276	1.4	1.0	2.0	1.0		1.3	2.0
LD22-4118	1.5	1.5	2.5	2.0		1.3	1.0
LD22-4180	1.3	1.0	1.5	1.0		1.3	1.0
LD22-4199	1.8	2.0	3.0	2.0		1.5	1.5
LD22-4834	1.2	1.0	2.0	1.0		1.0	1.0
LD22-5592	1.4	1.0	1.5	1.5		1.3	1.5
LD22-9044a	1.0	1.0	1.0	1.0		1.0	1.0

PRELIMINARY TEST IIA, 2025

LODGING (score)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	1.0	3.0	2.0	1.0	1.0	3.0
MN1905CN (E)	1.0	2.0	2.0	1.0	1.0	2.0
LD17-2558 (SCN)	1.0	2.0	1.0	1.0	1.0	2.5
U14-910097 (SCN) (L)	1.0	3.0	2.0	1.0	1.0	3.3
A19102-112Y	1.0	2.0	1.5	1.0	1.0	2.3
A19105-81Y	1.0	2.0	2.0	1.0	1.0	2.0
A19201-135Y	1.0	1.5	2.0	1.0	1.0	2.3
A19205-50	1.0	1.0	1.5	1.0	1.0	2.0
A19205-83Y	1.0	1.0	1.0	1.0	1.0	3.0
A19232-35	1.0	2.0	1.0	1.0	1.0	1.5
A19305-67Y	1.0	2.0	2.0	1.0	1.0	2.0
A19331-177Y	1.0	2.5	1.5	1.0	1.0	2.0
A19335-85Y	1.0	2.0	1.5	1.0	1.0	1.5
A19335-128Y	1.0	3.5	2.0	1.0	1.0	3.0
A19350-14Y	1.0	2.0	1.5	1.0	1.0	1.8
CR22-00202	1.0	1.0	2.0	1.0	1.0	2.5
CR22-01319	1.0	2.5	1.5	1.0	1.0	2.3
CR22-01447	1.0	3.5	1.5	1.0	1.0	2.0
CR22-01526	1.0	2.0	2.0	1.0	1.0	3.3
CR22-02199	1.0	2.0	2.0	1.0	1.0	2.0
CR22-02851	1.0	1.0	1.5	1.0	1.0	2.0
CR22-03306	1.0	1.0	1.5	1.0	1.0	2.0
CR22-04718	1.0	1.5	1.5	1.0	1.0	2.0
CR22-04834	1.0	3.5	1.5	1.0	1.0	2.0
CR22-05431	1.0	2.0	2.0	1.0	1.0	3.0
LD22-0009a	1.0	2.5	2.0	1.0	1.0	1.0
LD22-1274	1.0	1.5	1.0	1.0	1.0	2.3
LD22-1276	1.0	2.0	1.5	1.0	1.0	2.0
LD22-4118	1.0	2.0	1.0	1.0	1.0	2.5
LD22-4180	1.0	2.0	2.0	1.0	1.0	1.8
LD22-4199	1.0	2.0	2.0	1.0	1.0	2.8
LD22-4834	1.0	1.0	1.5	1.0	1.0	1.5
LD22-5592	1.0	1.5	2.0	1.0	1.0	2.5
LD22-9044a	1.0	1.0	1.0	1.0	1.0	1.5

PRELIMINARY TEST IIA, 2025

PLANT HEIGHT (inches)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Suther- land IA	Monmouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	37	40	38	31		37	37
MN1905CN (E)	35	35	38	31		35	32
LD17-2558 (SCN)	37	41	41	31		36	38
U14-910097 (SCN) (L)	34	40	37	33		34	35
A19102-112Y	35	41	38	33		35	37
A19105-81Y	34	38	40	30		34	32
A19201-135Y	36	40	43	36		35	37
A19205-50	32	34	34	30		30	34
A19205-83Y	35	38	38	32		32	35
A19232-35	35	39	37	32		33	35
A19305-67Y	34	36	38	32		32	34
A19331-177Y	38	42	46	35		35	39
A19335-85Y	34	37	38	35		33	37
A19335-128Y	34	37	35	33		34	36
A19350-14Y	35	38	33	29		38	37
CR22-00202	36	37	41	35		34	35
CR22-01319	38	41	40	35		38	39
CR22-01447	39	41	42	34		36	42
CR22-01526	36	40	41	37		35	36
CR22-02199	35	36	42	29		35	37
CR22-02851	33	36	38	32		32	30
CR22-03306	33	35	39	30		29	33
CR22-04718	34	36	37	32		33	34
CR22-04834	37	42	39	33		35	37
CR22-05431	37	41	41	35		38	40
LD22-0009a	32	36	38	33		31	35
LD22-1274	34	39	37	32		33	34
LD22-1276	36	43	39	34		34	37
LD22-4118	35	40	38	32		33	32
LD22-4180	35	37	36	33		34	35
LD22-4199	36	39	39	34		34	36
LD22-4834	35	38	38	33		32	34
LD22-5592	38	40	41	34		36	39
LD22-9044a	37	38	39	32		34	37

PRELIMINARY TEST IIA, 2025

PLANT HEIGHT (inches)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	39	34	41		28	43
MN1905CN (E)	32	36	42		28	45
LD17-2558 (SCN)	37	34	40		29	45
U14-910097 (SCN) (L)	31	30	38		27	41
A19102-112Y	34	34	43		24	36
A19105-81Y	35	33	41		25	37
A19201-135Y	34	34	38		27	41
A19205-50	29	32	35		24	39
A19205-83Y	34	36	39		25	40
A19232-35	33	34	40		25	43
A19305-67Y	32	34	42		25	40
A19331-177Y	38	36	41		27	43
A19335-85Y	31	33	39		26	38
A19335-128Y	32	32	39		27	40
A19350-14Y	36	32	41		26	43
CR22-00202	33	37	39		25	43
CR22-01319	34	37	38		30	44
CR22-01447	37	38	44		28	44
CR22-01526	35	36	38		27	41
CR22-02199	33	35	39		26	43
CR22-02851	31	33	38		23	42
CR22-03306	30	36	37		25	35
CR22-04718	34	35	39		25	40
CR22-04834	36	37	39		30	43
CR22-05431	34	36	42		28	41
LD22-0009a	31	28	35		22	34
LD22-1274	32	34	39		24	42
LD22-1276	33	35	41		26	41
LD22-4118	33	35	39		24	44
LD22-4180	37	34	40		26	41
LD22-4199	36	35	41		26	43
LD22-4834	35	37	38		26	40
LD22-5592	38	37	43		27	46
LD22-9044a	39	36	42		26	43

PRELIMINARY TEST IIA, 2025

SEED SIZE (g/100)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	15.4	15.0	16.0	16.0	16.4	13.3	15.7
MN1905CN (E)	15.9	15.5	16.0	17.5	16.5	14.1	16.0
LD17-2558 (SCN)	15.5	14.0	14.5	15.0	16.3	14.9	15.3
U14-910097 (SCN) (L)	13.6	11.5	12.5	14.0	13.8	12.4	13.7
A19102-112Y	14.6	14.5	14.5	15.0	14.2	12.4	14.7
A19105-81Y	16.0	16.0	16.0	17.5	16.9	14.5	17.2
A19201-135Y	14.2	13.5	12.5	15.0	14.3	13.1	14.4
A19205-50	15.3	14.5	14.5	15.5	15.6	13.8	15.8
A19205-83Y	16.5	15.5	17.0	16.5	17.1	15.1	16.2
A19232-35	13.9	13.0	13.5	15.0	14.6	12.5	14.7
A19305-67Y	17.3	15.5	17.5	17.5	17.8	15.5	17.4
A19331-177Y	15.5	14.5	15.0	15.5	15.4	14.1	15.4
A19335-85Y	16.6	16.0	16.5	17.0	16.4	15.2	16.6
A19335-128Y	15.5	15.0	14.5	16.5	15.9	13.9	14.1
A19350-14Y	14.1	12.0	13.5	13.0	13.8	12.9	13.8
CR22-00202	14.6	14.0	14.0	14.0	14.4	13.5	14.5
CR22-01319	15.3	15.5	14.5	15.5	16.2	14.5	15.3
CR22-01447	14.6	13.0	12.5	14.5	15.5	13.8	15.0
CR22-01526	15.0	14.0	14.0	15.5	15.6	14.2	15.2
CR22-02199	14.3	13.0	14.0	14.5	15.0	14.1	15.1
CR22-02851	15.7	14.5	15.5	15.5	15.6	14.4	15.5
CR22-03306	14.1	11.5	13.0	13.0	14.5	13.2	14.7
CR22-04718	14.1	13.0	13.5	15.0	14.1	13.0	13.8
CR22-04834	15.5	14.0	13.5	16.5	15.5	13.8	15.5
CR22-05431	15.1	14.0	14.0	14.0	15.4	14.0	15.5
LD22-0009a	15.2	14.5	15.5	16.0	15.8	13.5	15.8
LD22-1274	12.9	11.0	12.5	13.5	12.7	11.5	12.7
LD22-1276	12.4	11.0	11.5	12.0	12.4	11.2	12.4
LD22-4118	14.4	13.5	14.0	14.5	14.3	13.3	14.1
LD22-4180	16.0	15.5	15.0	17.0	17.1	15.0	15.9
LD22-4199	17.7	17.0	17.0	19.5	18.6	15.5	17.2
LD22-4834	14.2	14.0	14.0	14.0	14.5	13.2	13.9
LD22-5592	16.8	16.0	15.5	17.0	17.4	16.2	17.3
LD22-9044a	13.5	13.0	13.0	14.0	13.7	12.0	13.2

PRELIMINARY TEST IIA, 2025

SEED SIZE (g/100)

Strain	East Lansing MI	Cotesfield NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	16.4		16.6	15.0	12.2	17.0
MN1905CN (E)	16.1		16.9	16.2	13.0	17.0
LD17-2558 (SCN)	16.1		17.9	15.8	13.4	17.8
U14-910097 (SCN) (L)	14.9		15.1	13.8	11.5	16.7
A19102-112Y	15.3		17.0	15.1	11.5	16.7
A19105-81Y	16.9		17.4	16.0	12.3	15.8
A19201-135Y	14.9		14.9	15.1	12.7	15.7
A19205-50	15.9		16.4	15.2	13.7	17.4
A19205-83Y	16.6		19.1	16.2	14.2	17.6
A19232-35	14.3		14.9	13.8	12.1	14.8
A19305-67Y	17.9		19.0	18.2	15.2	18.7
A19331-177Y	16.0		17.6	15.8	14.7	16.8
A19335-85Y	17.1		18.2	17.5	14.7	17.8
A19335-128Y	16.2		17.3	16.7	13.2	17.7
A19350-14Y	15.4		15.6	15.1	13.2	16.3
CR22-00202	15.5		16.0	14.6	13.0	16.6
CR22-01319	15.6		16.6	15.4	13.2	16.1
CR22-01447	15.9		15.2	14.8	13.2	17.5
CR22-01526	15.7		16.7	14.8	12.7	17.0
CR22-02199	14.8		15.2	14.4	11.8	15.5
CR22-02851	16.3		17.6	16.6	13.3	17.9
CR22-03306	15.3		16.8	14.5	13.1	15.0
CR22-04718	15.7		14.8	14.0	12.4	16.3
CR22-04834	16.6		16.6	16.7	14.3	17.8
CR22-05431	16.6		16.1	15.0	14.7	17.3
LD22-0009a	16.1		16.4	15.5	12.5	15.7
LD22-1274	13.9		14.5	12.5	11.8	15.2
LD22-1276	13.5		14.2	12.4	11.3	14.4
LD22-4118	15.4		15.2	14.2	13.1	16.7
LD22-4180	17.0		16.2	16.1	13.6	17.8
LD22-4199	17.8		20.0	17.7	15.1	19.8
LD22-4834	14.4		15.9	14.4	12.1	15.7
LD22-5592	17.0		18.5	17.3	13.8	18.3
LD22-9044a	13.6		14.9	13.8	12.5	14.9

PRELIMINARY TEST IIA, 2025

SEED QUALITY (score)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	1.6	1.0	1.5	2.0	2.0	2.0	1.0
MN1905CN (E)	1.6	1.0	2.0	2.0	2.0	2.0	1.0
LD17-2558 (SCN)	1.5	1.0	2.5	1.5	2.0	2.0	1.0
U14-910097 (SCN) (L)	1.6	1.0	2.0	2.0	2.0	2.0	1.0
A19102-112Y	1.5	1.0	2.0	1.5	2.0	2.0	1.0
A19105-81Y	1.4	1.0	1.5	1.0	1.0	2.0	1.0
A19201-135Y	1.5	1.0	2.5	1.5	2.0	2.0	1.0
A19205-50	1.5	1.0	2.0	1.5	2.0	2.0	1.0
A19205-83Y	1.5	1.0	1.5	1.0	2.0	2.0	1.0
A19232-35	1.4	1.0	1.5	2.0	2.0	1.0	1.0
A19305-67Y	1.6	1.0	3.0	2.0	2.0	2.0	1.0
A19331-177Y	1.5	1.0	1.5	1.5	2.0	2.0	1.0
A19335-85Y	1.5	1.0	2.5	1.0	2.0	2.0	1.0
A19335-128Y	1.6	1.0	2.0	2.0	2.0	2.0	1.0
A19350-14Y	1.5	1.0	1.5	1.5	2.0	2.0	1.0
CR22-00202	1.4	1.0	2.0	1.5	2.0	1.0	1.0
CR22-01319	1.5	1.0	1.0	2.0	2.0	2.0	1.0
CR22-01447	1.5	1.0	2.0	1.0	2.0	2.0	1.0
CR22-01526	1.5	1.0	1.0	1.5	2.0	2.0	1.0
CR22-02199	1.6	1.5	2.0	2.0	2.0	2.0	1.0
CR22-02851	1.5	1.0	2.0	1.5	2.0	2.0	1.0
CR22-03306	1.5	1.0	2.5	1.5	2.0	2.0	1.0
CR22-04718	1.3	1.0	2.0	1.5	1.0	1.0	1.0
CR22-04834	1.5	1.0	2.0	1.5	2.0	2.0	1.0
CR22-05431	1.5	1.0	2.0	2.0	2.0	2.0	1.0
LD22-0009a	1.7	1.0	2.0	2.0	2.0	3.0	1.0
LD22-1274	1.5	1.0	2.0	2.0	2.0	2.0	1.0
LD22-1276	1.5	1.0	2.0	1.5	2.0	2.0	1.0
LD22-4118	1.4	1.0	1.5	1.5	1.0	2.0	1.0
LD22-4180	1.5	1.0	2.0	1.0	2.0	2.0	1.0
LD22-4199	1.5	1.0	1.5	1.5	2.0	2.0	1.0
LD22-4834	1.5	1.0	2.0	1.5	2.0	2.0	1.0
LD22-5592	1.6	1.0	2.5	1.5	2.0	2.0	1.0
LD22-9044a	1.4	1.0	2.0	1.0	2.0	2.0	1.0

PRELIMINARY TEST IIA, 2025

SEED QUALITY (score)

Strain	East Lansing MI	Cotesfield NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	3.5		1.0	1.0	1.0	2.0
MN1905CN (E)	2.5		1.0	1.0	1.0	2.0
LD17-2558 (SCN)	2.0		1.0	1.0	1.0	2.0
U14-910097 (SCN) (L)	2.5		1.0	1.0	1.0	2.5
A19102-112Y	2.5		1.0	1.0	1.0	2.0
A19105-81Y	2.9		1.5	1.0	1.0	2.0
A19201-135Y	2.0		1.0	1.0	1.0	2.0
A19205-50	2.0		1.0	1.0	1.0	2.0
A19205-83Y	2.5		1.0	1.0	1.0	2.5
A19232-35	2.0		1.0	1.0	1.0	1.5
A19305-67Y	2.0		1.0	1.0	1.0	2.0
A19331-177Y	2.9		1.0	1.0	1.0	1.5
A19335-85Y	2.5		1.0	1.0	1.0	2.0
A19335-128Y	2.5		1.0	1.0	1.0	2.0
A19350-14Y	2.5		1.0	1.0	1.0	1.5
CR22-00202	2.0		1.0	1.0	1.0	2.0
CR22-01319	2.0		1.0	1.0	1.0	2.0
CR22-01447	2.0		1.0	1.0	1.0	2.0
CR22-01526	2.5		1.0	1.0	1.0	2.0
CR22-02199	2.5		1.0	1.0	1.0	2.0
CR22-02851	2.0		1.0	1.0	1.0	2.5
CR22-03306	1.5		1.0	1.0	1.0	2.0
CR22-04718	2.5		1.0	1.0	1.0	1.0
CR22-04834	2.0		1.0	1.0	1.0	2.0
CR22-05431	2.0		1.0	1.0	1.0	2.0
LD22-0009a	2.0		1.0	1.0	1.0	2.5
LD22-1274	2.0		1.0	1.0	1.0	2.0
LD22-1276	2.0		1.0	1.0	1.0	2.0
LD22-4118	2.0		1.0	1.0	1.0	2.0
LD22-4180	2.0		1.0	1.0	1.0	2.0
LD22-4199	2.0		1.0	1.0	1.0	2.5
LD22-4834	2.5		1.0	1.0	1.0	2.0
LD22-5592	1.5		1.0	1.0	2.0	2.0
LD22-9044a	2.0		1.0	1.0	1.0	1.5

PRELIMINARY TEST IIA, 2025

PROTEIN (%)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	34.1	34.2	34.5	35.0	34.9	33.6	33.0
MN1905CN (E)	33.6	34.1	34.5	32.2	34.5	32.5	33.4
LD17-2558 (SCN)	32.8	31.5	33.8	33.9	33.1	31.9	32.7
U14-910097 (SCN) (L)	32.4	32.4	33.8	33.2	32.6	32.4	33.0
A19102-112Y	32.8	32.8	33.6	32.7	33.4	32.4	32.7
A19105-81Y	34.0	33.0	34.6	35.4	34.6	33.9	34.0
A19201-135Y	33.9	32.9	34.7	33.8	34.6	32.8	34.4
A19205-50	34.9	34.1	35.1	34.6	35.1	34.4	34.9
A19205-83Y	33.8	32.5	34.7	34.7	33.4	32.3	33.4
A19232-35	34.0	33.2	35.8	34.5	35.1	32.8	34.4
A19305-67Y	34.6	34.0	35.6	35.9	34.3	33.7	35.0
A19331-177Y	33.6	34.2	35.2	33.6	33.7	32.8	33.5
A19335-85Y	34.4	33.4	36.3	35.0	34.5	34.2	35.0
A19335-128Y	34.5	34.8	35.6	34.9	35.3	32.8	34.2
A19350-14Y	33.3	32.9	34.1	33.8	33.7	31.9	33.0
CR22-00202	33.6	33.3	34.4	33.8	33.3	33.8	34.3
CR22-01319	34.4	33.3	34.2	34.2	35.1	34.3	36.2
CR22-01447	33.1	33.0	33.4	33.6	34.0	33.2	33.2
CR22-01526	33.3	32.4	34.1	33.4	33.8	33.6	33.4
CR22-02199	33.7	32.5	33.2	33.5	33.8	34.5	34.4
CR22-02851	33.2	33.6	34.3	33.7	34.4	33.0	32.8
CR22-03306	31.9	32.9	32.4	31.7	32.0	31.8	32.0
CR22-04718	33.8	33.4	35.3	33.8	34.2	32.7	33.7
CR22-04834	33.5	33.8	34.7	33.9	34.1	32.7	33.5
CR22-05431	33.0	32.9	33.2	33.4	33.4	32.7	33.3
LD22-0009a	33.3	32.8	35.0	33.5	33.9	32.3	33.6
LD22-1274	32.9	32.0	33.6	33.2	33.7	32.1	33.2
LD22-1276	32.7	32.3	33.9	32.5	33.3	32.5	32.5
LD22-4118	33.4	32.9	33.5	34.2	33.5	33.2	33.2
LD22-4180	35.3	34.1	35.3	36.5	36.0	34.9	35.4
LD22-4199	35.2	34.8	36.3	35.9	35.9	34.0	35.2
LD22-4834	33.9	34.3	34.6	33.3	34.1	33.7	34.4
LD22-5592	33.6	33.1	34.8	33.8	35.1	33.3	34.6
LD22-9044a	33.9	32.8	35.0	34.2	34.1	33.9	33.5

PRELIMINARY TEST IIA, 2025

PROTEIN (%)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	34.5		34.7	34.2	32.6	34.2
MN1905CN (E)	34.6		33.8	33.4	32.1	34.8
LD17-2558 (SCN)	33.2		34.1	33.3	31.0	32.8
U14-910097 (SCN) (L)	31.8		33.0	32.1	29.6	32.1
A19102-112Y	33.1		33.3	32.6	30.6	33.7
A19105-81Y	34.8		34.7	33.6	32.1	33.9
A19201-135Y	34.0		36.8	33.5	32.0	33.5
A19205-50	35.4		35.9	34.7	35.2	34.5
A19205-83Y	35.4		35.3	33.9	32.8	33.4
A19232-35	34.3		35.1	33.9	30.9	33.8
A19305-67Y	34.5		36.0	34.6	32.8	33.9
A19331-177Y	34.2		34.9	33.1	32.0	32.2
A19335-85Y	34.0		35.4	34.0	32.3	34.2
A19335-128Y	34.7		35.2	34.0	33.4	34.2
A19350-14Y	33.2		35.3	34.2	31.9	33.0
CR22-00202	33.7		34.9	33.5	32.3	32.8
CR22-01319	35.6		35.4	34.1	32.2	34.3
CR22-01447	33.6		34.3	32.6	31.3	32.2
CR22-01526	33.6		35.0	32.4	31.7	33.4
CR22-02199	34.5		34.7	33.6	32.8	33.4
CR22-02851	32.5		34.6	32.7	31.2	32.6
CR22-03306	32.3		32.5	31.7	30.5	31.0
CR22-04718	34.5		34.5	34.0	32.6	33.0
CR22-04834	34.3		33.6	33.2	32.4	32.9
CR22-05431	33.9		32.9	33.1	32.4	32.2
LD22-0009a	33.5		33.5	34.5	31.2	32.7
LD22-1274	33.6		33.4	32.3	32.2	32.3
LD22-1276	33.8		33.6	32.6	30.9	32.3
LD22-4118	34.4		33.7	33.2	32.8	33.1
LD22-4180	36.3		36.0	35.2	33.3	35.1
LD22-4199	35.8		35.7	34.8	34.2	35.0
LD22-4834	33.7		36.1	33.8	32.0	32.7
LD22-5592	33.9		35.0	29.4	32.4	34.2
LD22-9044a	34.0		35.3	33.6	33.2	33.2

PRELIMINARY TEST IIA, 2025

OIL (%)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	18.6	18.7	19.1	18.2	18.7	20.0	19.2
MN1905CN (E)	19.7	19.9	19.4	18.5	20.0	21.0	20.1
LD17-2558 (SCN)	19.2	19.9	19.1	19.2	19.6	20.5	19.5
U14-910097 (SCN) (L)	20.1	20.1	19.7	20.0	20.0	20.8	19.9
A19102-112Y	19.6	19.5	19.8	19.8	20.0	20.9	20.3
A19105-81Y	19.2	19.6	19.1	18.6	19.4	20.5	19.8
A19201-135Y	18.4	18.8	18.4	18.4	18.3	19.8	18.3
A19205-50	18.7	19.0	18.8	19.0	19.0	19.7	18.9
A19205-83Y	19.3	19.9	19.1	19.2	19.9	20.6	20.0
A19232-35	19.7	20.1	19.3	19.8	19.5	21.0	19.9
A19305-67Y	19.4	19.8	18.9	19.1	19.9	20.7	19.8
A19331-177Y	19.3	19.4	19.0	19.4	19.8	20.3	19.7
A19335-85Y	19.3	19.9	18.8	19.3	19.7	20.5	19.5
A19335-128Y	19.2	19.3	19.2	18.9	19.3	20.9	19.5
A19350-14Y	19.2	18.9	19.2	19.1	19.2	20.8	19.7
CR22-00202	19.2	19.5	19.6	19.6	19.6	19.7	19.1
CR22-01319	18.7	19.2	19.4	18.9	18.9	19.6	18.3
CR22-01447	19.2	19.5	19.5	19.2	19.4	20.2	19.3
CR22-01526	19.1	19.6	19.5	19.4	19.2	19.9	18.9
CR22-02199	19.1	19.7	20.2	19.7	19.3	20.2	19.3
CR22-02851	19.5	19.9	19.5	19.5	19.5	20.8	20.2
CR22-03306	19.2	18.6	19.4	19.6	19.4	20.2	19.4
CR22-04718	19.2	19.7	19.0	19.6	19.7	20.6	19.8
CR22-04834	18.8	18.9	18.6	18.9	19.0	20.1	19.1
CR22-05431	19.0	19.3	19.5	19.1	19.3	19.9	19.0
LD22-0009a	18.4	18.7	17.9	18.2	18.7	19.7	18.3
LD22-1274	19.4	19.8	19.1	19.9	19.2	20.4	19.4
LD22-1276	19.3	19.6	19.2	19.9	19.4	20.0	19.4
LD22-4118	19.6	19.9	20.0	19.2	20.4	20.6	19.9
LD22-4180	18.9	19.5	19.3	18.6	19.3	20.2	19.3
LD22-4199	19.2	19.6	19.2	19.4	19.6	20.8	19.7
LD22-4834	18.9	19.1	18.8	19.4	18.9	19.9	18.7
LD22-5592	19.3	19.8	19.7	19.6	19.8	20.6	19.4
LD22-9044a	19.4	19.7	19.4	19.7	19.9	20.3	20.0

PRELIMINARY TEST IIA, 2025

OIL (%)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	17.5		18.8	18.8	18.9	17.3
MN1905CN (E)	18.6		20.3	20.1	20.0	18.5
LD17-2558 (SCN)	17.6		19.5	19.1	19.4	17.6
U14-910097 (SCN) (L)	19.6		20.4	19.9	21.3	19.1
A19102-112Y	18.2		19.6	18.9	20.3	18.2
A19105-81Y	17.2		19.8	19.4	20.1	17.9
A19201-135Y	17.2		19.3	18.4	19.0	16.9
A19205-50	17.5		18.7	18.7	18.4	17.6
A19205-83Y	18.0		18.8	19.3	19.7	17.8
A19232-35	18.9		19.3	20.0	20.3	18.8
A19305-67Y	17.8		19.6	19.8	19.9	18.3
A19331-177Y	17.9		19.3	19.2	19.9	18.0
A19335-85Y	18.2		19.4	19.8	19.7	18.0
A19335-128Y	18.1		19.2	19.3	19.7	17.5
A19350-14Y	18.2		19.1	19.4	19.9	17.6
CR22-00202	17.8		19.6	19.5	19.5	18.2
CR22-01319	16.9		19.0	19.2	19.4	16.6
CR22-01447	17.9		19.2	19.5	19.5	17.3
CR22-01526	18.4		19.0	19.1	19.8	17.7
CR22-02199	17.2		19.2	19.4	19.0	17.1
CR22-02851	18.0		19.7	19.8	20.2	17.9
CR22-03306	18.0		19.9	19.3	19.6	17.8
CR22-04718	17.5		19.5	19.1	19.4	17.5
CR22-04834	17.6		19.3	19.0	19.2	17.4
CR22-05431	18.1		19.0	18.5	19.4	17.9
LD22-0009a	16.9		19.0	18.4	18.9	17.4
LD22-1274	17.9		19.9	19.9	19.2	18.5
LD22-1276	17.5		19.8	19.4	19.7	17.9
LD22-4118	18.1		19.8	19.8	19.3	18.3
LD22-4180	17.3		18.8	18.8	19.2	17.6
LD22-4199	17.0		20.0	19.9	19.1	17.4
LD22-4834	17.8		19.0	18.8	19.4	18.2
LD22-5592	18.1		19.7	18.0	19.8	17.7
LD22-9044a	17.7		19.4	20.0	19.3	17.6

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**Northern Regional Uniform Test
Preliminary Test IIB, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	IA2102 (II)	A04-545045	AgriPro 98180-A01-0613	Cai		F4	
2	MN1905CN (E)	M08-365038	IA1026	Lorenz		F9	Yld, SCN
3	LD17-2558 (SCN)	U11-614119	LD09-30224	Monteverde		F5	SCN
4	U14-910097 (SCN) (L)	U09-105007	LD07-3419	Graef		F5	SCN (HR, HR)
5	E23002	DF 227 N	E15339	wang	Initial	F5	
6	E23036	E15345	DF 227 N	wang	Initial	F5	
7	E23043	E15345	DF 227 N	wang	Initial	F5	
8	E23046	E15345	DF 227 N	wang	Initial	F5	
9	E23211	E15339	PI 068516	wang	Initial	F5	
10	E23213	E15339	PI 068516	wang	Initial	F5	
11	HM21-50328	HM11-G011	HM11-G011 x PI424522	McHale	Initial	F4	
12	HM22-64205	LG09-8165	LG11-5120	McHale	Initial	F5	
13	HM23-72134	HM14-3614-2	HM14-B047	McHale	Initial	F5	
14	HM23-72206	HM15-M050	E16031	McHale	Initial	F5	
15	HM23-74210	LD17-12679	LD11-2170	McHale	Initial	F5	
16	ORC 6524	SC 5117N	Candor	Eskandari	Initial	F4	
17	ORC 6624	SC 8415N	AAC Malden	Eskandari	Initial	F4	
18	ORC 7924	SC 8415N	AAC Malden	Eskandari	Initial	F4	
19	ORC 9224	OAC Bruton	SC 5117N	Eskandari	Initial	F4	
20	ORC 9324	OAC Bruton	LD07-3419	Eskandari	Initial	F4	
21	U20-927101	U16-928123	U16-932015	Graef	Initial	F5	
22	U20-929144	U16-928123	U16-932015	Graef	Initial	F5	
23	U21-105179	U17-238027	LD15-8459	Graef	Initial	F5	
24	U21-213163	U17-238027	LD15-8459	Graef	Initial	F5	
25	U21-213176	U17-238027	U16-322178	Graef	Initial	F5	
26	U22-902002	U15-606207	U14-924158	Graef	Initial	F5	
27	U22-902014	U15-606207	U14-924158	Graef	Initial	F5	
28	U22-902071	U15-606207	U14-924158	Graef	Initial	F5	
29	U22-903013	U15-606207	U14-924158	Graef	Initial	F5	
30	U22-903025	U15-606207	U14-924158	Graef	Initial	F5	
31	U22-904056	U15-606207	U14-924158	Graef	Initial	F5	
32	U22-907020	LD15-5776793	U14-924158	Graef	Initial	F5	
33	U22-911015	U16-207253	U14-924158	Graef	Initial	F5	
34	U22-927011	U14-910097	U16-207253	Graef	Initial	F5	

Conventional /
SCN /
Food grade

PRELIMINARY TEST IIB, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
IA2102 (II)	WGTDYYI
MN1905CN (E)	PTBDYYI
LD17-2558 (SCN)	PGBSYIbI
U14-910097 (SCN) (L)	PGTDYBfI
E23002	WLtTSYBrI
E23036	PGBSYYI
E23043	P+WGTSYBfI
E23046	WGTDYBfI
E23211	WGTDYBfI
E23213	WGTDYBfI
HM21-50328	PGTSYIbI
HM22-64205	P+WLtBDYBI
HM23-72134	PGTDYYI
HM23-72206	P+WT+Lt+GB+TDYHI
HM23-74210	WLtBDYBrI
ORC 6524	WGBSYYI
ORC 6624	WGTSYYI
ORC 7924	WGTDYYI
ORC 9224	WGTDYYI
ORC 9324	WGBSYYI
U20-927101	WLtBDYBI
U20-929144	WLtBDYBrI
U21-105179	PLtBDYBI
U21-213163	PTBDYBrI
U21-213176	PLtBDYBI
U22-902002	PGTDYBfI
U22-902014	PGTDYBfI
U22-902071	PLtTDYBI
U22-903013	PGTDYHI
U22-903025	PGTDYBfI
U22-904056	PGTDYIbI
U22-907020	PLtBDYBI
U22-911015	PLtBDYBI
U22-927011	PLt+GTDYHI

PRELIMINARY TEST IIB, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	12 bu/a	12 No.	11 Date	11 Score	10 In.	11 g/100	11 Score	Protein 11 %	Oil 11 %
IA2102 (II)	66.9	22	9/19	2.3	37	15.8	1.5	34.6	18.6
MN1905CN (E)	63.8	25	-3.1	1.7	36	15.8	1.5	34.0	19.6
LD17-2558 (SCN)	73.4	8	3.1	1.4	36	15.4	1.7	32.8	19.2
U14-910097 (SCN) (L)	74.5	4	5.1	2.1	35	13.8	1.4	32.4	20.0
E23002	72.9	10	2.0	2.0	36	13.9	1.5	32.9	19.2
E23036	72.2	14	-1.0	2.1	35	14.3	1.5	32.4	19.2
E23043	67.1	20	4.0	1.8	38	15.0	1.4	33.5	18.8
E23046	71.8	16	1.8	2.1	35	14.1	1.4	32.6	19.2
E23211	64.0	24	2.0	2.4	35	14.0	2.0	32.7	19.8
E23213	61.8	28	1.9	2.2	36	14.2	2.0	32.9	19.8
HM21-50328	63.3	26	3.2	1.9	39	16.3	1.6	32.4	19.4
HM22-64205	66.3	23	3.1	1.5	40	12.2	1.5	33.5	19.1
HM23-72134	58.6	30	1.0	1.6	35	16.7	1.5	34.3	19.0
HM23-72206	63.2	27	4.9	2.0	39	14.6	1.5	33.5	19.1
HM23-74210	67.0	21	1.4	1.1	31	13.3	1.4	34.8	19.1
ORC 6524	54.3	34	-2.3	2.5	36	19.5	1.7	35.0	19.0
ORC 6624	55.2	33	-5.1	2.5	38	17.7	1.5	35.5	17.9
ORC 7924	56.3	32	-3.1	1.5	32	20.2	1.7	35.7	18.5
ORC 9224	61.2	29	0.1	2.3	36	18.0	1.6	33.5	19.9
ORC 9324	57.9	31	-4.2	1.4	28	21.0	2.0	33.3	20.4
U20-927101	72.2	15	1.3	1.3	35	17.0	1.4	33.7	19.1
U20-929144	70.5	18	2.9	1.6	36	15.5	1.5	33.5	19.2
U21-105179	76.4	1	5.1	1.4	38	13.4	1.6	33.1	18.6
U21-213163	71.6	17	4.1	1.3	35	13.9	1.6	31.8	19.8
U21-213176	69.9	19	1.4	1.2	33	14.2	1.5	32.4	19.5
U22-902002	72.8	12	7.5	1.2	37	13.5	1.4	31.4	19.9
U22-902014	73.5	7	7.1	1.5	38	14.1	1.2	30.5	20.3
U22-902071	74.6	2	6.8	1.3	36	14.0	1.3	31.2	20.1
U22-903013	73.1	9	5.9	1.0	35	13.5	1.3	30.8	20.1
U22-903025	72.9	10	7.7	1.3	37	13.9	1.4	31.2	20.2
U22-904056	72.5	13	6.4	1.1	35	12.6	1.4	31.3	19.5
U22-907020	74.6	3	4.0	1.2	35	13.9	1.4	32.5	18.9
U22-911015	73.9	6	7.0	1.3	37	14.2	1.7	33.4	18.6
U22-927011	74.1	5	5.6	1.4	35	13.9	1.5	32.1	20.6
Mean	68.1			1.7	35.7	15.1	1.5	33.0	19.4
C.V. (%)	8.5								
L.S.D. (5%)	3.3								

125.8 Days After Planting

PRELIMINARY TEST IIB, 2025

YIELD (bu/a)

Strain	Mean 12 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	66.9	66.6	64.1	73.3	51.5	60.4	78.4
MN1905CN (E)	63.8	66.7	56.6	63.3	56.9	60.1	79.5
LD17-2558 (SCN)	73.4	75.3	80.2	74.6	57.2	66.8	83.5
U14-910097 (SCN) (L)	74.5	83.1	78.7	81.5	60.1	64.6	93.0
E23002	72.9	83.0	80.3	76.8	57.1	63.0	81.8
E23036	72.2	74.8	70.6	76.5	60.9	62.2	82.2
E23043	67.1	71.8	77.6	68.0	50.3	55.4	86.4
E23046	71.8	68.8	76.7	68.7	56.5	66.6	83.5
E23211	64.0	61.9	71.1	62.6	49.6	55.5	83.6
E23213	61.8	61.4	62.6	61.3	53.8	59.1	79.4
HM21-50328	63.3	74.6	66.8	64.1	43.5	62.0	80.4
HM22-64205	66.3	67.2	77.1	67.0	47.7	58.1	88.2
HM23-72134	58.6	65.1	68.2	58.7	43.4	57.6	85.7
HM23-72206	63.2	59.0	57.5	68.8	47.6	56.5	81.5
HM23-74210	67.0	75.0	69.4	58.2	54.4	60.5	73.2
ORC 6524	54.3	53.9	49.7	57.8	35.7	49.2	74.3
ORC 6624	55.2	57.0	42.8	51.6	40.4	48.2	71.8
ORC 7924	56.3	63.6	47.1	58.7	43.8	54.4	71.9
ORC 9224	61.2	57.3	55.8	56.3	43.2	59.5	81.3
ORC 9324	57.9	63.1	52.2	66.5	33.9	49.8	67.5
U20-927101	72.2	61.6	78.4	83.5	53.1	56.2	91.3
U20-929144	70.5	71.3	69.8	92.3	51.1	59.2	89.0
U21-105179	76.4	83.1	79.6	83.6	57.3	65.2	84.3
U21-213163	71.6	77.6	68.2	87.6	53.6	61.6	88.7
U21-213176	69.9	79.3	77.1	79.8	48.6	58.9	88.2
U22-902002	72.8	64.7	75.4	75.4	55.4	65.0	80.4
U22-902014	73.5	70.0	73.1	77.8	54.0	62.4	83.3
U22-902071	74.6	74.6	73.4	85.1	59.8	70.0	85.0
U22-903013	73.1	63.4	70.9	84.8	57.6	65.9	81.2
U22-903025	72.9	75.7	79.2	86.7	55.8	61.4	79.3
U22-904056	72.5	80.9	68.8	80.3	54.4	62.8	84.5
U22-907020	74.6	76.6	80.4	78.8	63.8	66.2	90.7
U22-911015	73.9	84.2	79.1	88.0	56.0	61.1	92.2
U22-927011	74.1	81.5	72.5	77.9	56.5	66.1	84.6
Location Mean		70.4	69.1	72.8	51.9	60.3	82.6
C.V. (%)		11.0	10.7	9.8	7.4	7.2	7.3
L.S.D. (5%)		15.8	15.0	14.6	7.8	8.8	12.2
Row Sp. (In.)		30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		2	2	2	2	2	2

PRELIMINARY TEST IIB, 2025

YIELD (bu/a)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	56.6	88.9	62.0	75.2	41.0	85.3
MN1905CN (E)	52.0	85.7	61.1	70.4	36.2	77.2
LD17-2558 (SCN)	50.5	105.3	73.0	88.7	45.4	79.9
U14-910097 (SCN) (L)	57.7	89.6	64.9	87.2	43.2	90.0
E23002	55.2	107.1	74.8	84.2	41.9	71.2
E23036	57.4	99.4	78.2	78.7	38.0	88.1
E23043	50.9	78.9	62.6	77.6	44.6	80.6
E23046	56.5	94.8	80.2	74.1	49.4	85.8
E23211	49.2	93.4	60.4	65.1	37.8	77.6
E23213	51.1	78.6	56.0	67.1	39.6	71.2
HM21-50328	45.7	88.5	63.6	81.1	40.1	50.7
HM22-64205	48.5	100.0	62.6	78.7	44.6	56.3
HM23-72134	52.1	80.3	51.2	61.0	38.4	42.0
HM23-72206	47.9	96.5	67.5	82.5	42.6	50.1
HM23-74210	50.3	93.8	75.6	84.9	32.3	78.9
ORC 6524	49.1	75.2	48.1	70.8	33.2	55.5
ORC 6624	49.6	70.3	48.1	61.1	41.1	83.1
ORC 7924	48.0	88.6	47.8	65.4	40.4	48.2
ORC 9224	47.1	78.0	57.1	67.1	42.4	89.3
ORC 9324	43.8	79.9	49.6	65.6	38.7	85.5
U20-927101	48.6	102.4	79.0	86.0	47.0	79.5
U20-929144	58.1	113.5	70.4	74.0	48.6	50.9
U21-105179	51.8	102.1	81.5	90.0	46.1	94.6
U21-213163	49.5	103.1	80.0	72.2	43.3	75.4
U21-213176	48.0	102.5	81.3	80.0	42.2	53.4
U22-902002	56.9	115.6	76.1	79.4	36.9	92.3
U22-902014	54.3	108.0	74.2	80.5	47.4	96.9
U22-902071	51.3	104.3	73.3	85.3	41.8	91.8
U22-903013	48.6	105.3	79.0	90.8	37.8	92.2
U22-903025	55.6	102.9	75.6	79.5	42.2	81.3
U22-904056	46.8	99.7	79.4	83.7	39.8	91.0
U22-907020	48.1	106.8	79.4	89.4	46.7	67.9
U22-911015	52.5	107.2	73.9	89.4	45.1	57.9
U22-927011	57.6	116.4	73.0	87.6	38.0	77.9
Location Mean	51.4	95.9	68.2	78.1	41.6	75.0
C.V. (%)	9.8	6.8	8.8	7.3	7.6	5.2
L.S.D. (5%)	10.3	13.3	12.2	11.5	6.4	7.9
Row Sp. (In.)	15	30	30	30	8	17
Rows/Plot	6	4	4	4	8	5
Reps	2	2	2	2	2	2

PRELIMINARY TEST IIB, 2025

YIELD RANK

Strain	Mean 12 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	22	22	26	19	21	19	29
MN1905CN (E)	25	21	29	26	9	20	26
LD17-2558 (SCN)	8	11	3	18	7	2	16
U14-910097 (SCN) (L)	4	2	7	9	3	9	1
E23002	10	4	2	15	8	10	20
E23036	14	13	19	16	2	13	19
E23043	20	16	9	22	23	30	9
E23046	16	19	12	21	11	3	17
E23211	24	28	17	27	24	29	15
E23213	28	30	27	28	18	23	27
HM21-50328	26	15	25	25	29	14	24
HM22-64205	23	20	10	23	26	25	7
HM23-72134	30	23	23	30	30	26	10
HM23-72206	27	31	28	20	27	27	21
HM23-74210	21	12	21	31	15	18	31
ORC 6524	34	34	32	32	33	33	30
ORC 6624	33	33	34	34	32	34	33
ORC 7924	32	25	33	29	28	31	32
ORC 9224	29	32	30	33	31	21	22
ORC 9324	31	27	31	24	34	32	34
U20-927101	15	29	8	8	20	28	3
U20-929144	18	17	20	1	22	22	5
U21-105179	1	3	4	7	6	7	14
U21-213163	17	8	24	3	19	15	6
U21-213176	19	7	11	11	25	24	7
U22-902002	12	24	13	17	14	8	24
U22-902014	7	18	15	14	17	12	18
U22-902071	2	14	14	5	4	1	11
U22-903013	9	26	18	6	5	6	23
U22-903025	10	10	5	4	13	16	28
U22-904056	13	6	22	10	16	11	13
U22-907020	3	9	1	12	1	4	4
U22-911015	6	1	6	2	12	17	2
U22-927011	5	5	16	13	10	5	12

PRELIMINARY TEST IIB, 2025

YIELD RANK

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	6	24	25	22	20	12
MN1905CN (E)	13	27	26	27	32	21
LD17-2558 (SCN)	18	8	17	5	7	16
U14-910097 (SCN) (L)	2	23	21	7	12	7
E23002	9	6	13	11	17	24
E23036	4	18	9	19	28	9
E23043	17	30	23	21	10	15
E23046	7	20	3	23	1	10
E23211	22	22	27	32	29	20
E23213	16	31	29	29	24	23
HM21-50328	33	26	22	14	22	31
HM22-64205	26	16	24	20	9	27
HM23-72134	12	28	30	34	26	34
HM23-72206	30	19	20	13	13	32
HM23-74210	19	21	11	10	34	18
ORC 6524	23	33	32	26	33	28
ORC 6624	20	34	33	33	19	13
ORC 7924	28	25	34	31	21	33
ORC 9224	31	32	28	28	14	8
ORC 9324	34	29	31	30	25	11
U20-927101	24	14	7	8	4	17
U20-929144	1	3	19	24	2	30
U21-105179	14	15	1	2	6	2
U21-213163	21	11	4	25	11	22
U21-213176	29	13	2	16	16	29
U22-902002	5	2	10	18	31	3
U22-902014	10	4	14	15	3	1
U22-902071	15	10	16	9	18	5
U22-903013	25	9	8	1	30	4
U22-903025	8	12	12	17	15	14
U22-904056	32	17	6	12	23	6
U22-907020	27	7	5	4	5	25
U22-911015	11	5	15	3	8	26
U22-927011	3	1	18	6	27	19

PRELIMINARY TEST IIB, 2025

MATURITY (date)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Monmouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	9/19	9/15	9/16	9/20		9/12	9/13
MN1905CN (E)	-3	-3	-1	-6		-2	-3
LD17-2558 (SCN)	3	3	2	4		2	5
U14-910097 (SCN) (L)	5	7	2	5		6	9
E23002	2	4	2	1		2	2
E23036	-1	1	0	0		-2	-1
E23043	4	7	2	2		5	5
E23046	2	3	2	1		0	2
E23211	2	5	0	2		4	3
E23213	2	4	1	2		2	3
HM21-50328	3	6	2	3		3	3
HM22-64205	3	6	2	2		4	5
HM23-72134	1	3	1	1		3	2
HM23-72206	5	5	3	4		8	6
HM23-74210	1	4	-1	0		1	3
ORC 6524	-2	-1	-1	-1		-5	-4
ORC 6624	-5	-2	-1	-4		-9	-6
ORC 7924	-3	1	-2	-2		-6	-4
ORC 9224	0	-3	1	1		0	1
ORC 9324	-4	-5	-2	-4		-5	-5
U20-927101	1	3	-1	2		2	4
U20-929144	3	4	2	3		4	4
U21-105179	5	7	2	4		6	6
U21-213163	4	6	1	3		8	6
U21-213176	1	4	0	1		3	1
U22-902002	7	8	4	9		11	9
U22-902014	7	8	3	8		11	9
U22-902071	7	6	3	7		11	8
U22-903013	6	6	2	5		9	6
U22-903025	8	10	3	9		11	10
U22-904056	6	7	4	5		10	9
U22-907020	4	5	4	4		6	5
U22-911015	7	9	5	8		11	10
U22-927011	6	8	2	6		7	7
Date Planted	5/16	5/12	5/6	4/23	5/17	5/19	5/10
Days to Mature	126	126	133	150		116	126

PRELIMINARY TEST IIB, 2025

MATURITY (date)

Strain	East Lansing MI	Cotes-field NE	Mead NE	Phillips NE	Hoytville OH	Chatham ONT
IA2102 (II)	9/29	9/24	9/16	9/26	9/17	9/27
MN1905CN (E)	-4	-4	-3	-4	-3	-4
LD17-2558 (SCN)	3	5	6	1	3	3
U14-910097 (SCN) (L)	4	6	8	4	8	1
E23002	-1	4	2	2	2	3
E23036	-4	0	-2	1	-2	-3
E23043	4	4	2	3	7	5
E23046	1	3	2	3	3	2
E23211	3	1	-2	2	2	3
E23213	2	1	0	2	2	4
HM21-50328	6	5	8	0	3	-2
HM22-64205	1	4	2	3	6	1
HM23-72134	3	2	0	1	2	-5
HM23-72206	5	5	9	2	6	3
HM23-74210	-2	3	5	2	2	-1
ORC 6524	1	-3	-2	1	-4	-8
ORC 6624	-3	-9	-4	-5	-7	-8
ORC 7924	-1	-4	-3	-3	-3	-9
ORC 9224	1	-1	-3	2	2	1
ORC 9324	-9	-3	-4	-1	-4	-7
U20-927101	-1	2	2	2	3	-2
U20-929144	1	4	7	2	7	-4
U21-105179	2	6	9	4	6	6
U21-213163	2	6	6	3	5	1
U21-213176	1	4	3	2	2	-4
U22-902002	6	7	8	6	9	8
U22-902014	8	8	10	4	9	3
U22-902071	8	5	8	5	9	8
U22-903013	5	7	9	4	8	6
U22-903025	7	8	10	4	9	8
U22-904056	4	7	9	4	8	5
U22-907020	3	5	4	3	6	1
U22-911015	6	6	9	4	9	2
U22-927011	5	6	8	3	8	3
Date Planted	6/3	5/14	5/5	5/31	6/3	5/26
Days to Mature	118	133	134	118	106	124

PRELIMINARY TEST IIB, 2025

LODGING (score)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Monmouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	2.3	2.5	2.5	3.0		1.8	2.0
MN1905CN (E)	1.7	2.5	2.5	2.5		1.5	1.0
LD17-2558 (SCN)	1.4	2.0	2.0	1.5		1.5	1.0
U14-910097 (SCN) (L)	2.1	3.0	4.0	2.5		1.5	2.0
E23002	2.0	3.5	3.0	2.0		1.5	1.0
E23036	2.1	3.5	2.5	3.0		1.8	1.5
E23043	1.8	2.5	2.5	2.0		1.0	1.5
E23046	2.1	3.0	2.5	2.5		1.8	2.0
E23211	2.4	3.5	3.5	3.5		2.3	2.0
E23213	2.2	3.5	2.0	3.5		2.3	2.0
HM21-50328	1.9	4.0	2.5	3.0		1.3	1.0
HM22-64205	1.5	2.0	2.5	2.5		1.3	1.5
HM23-72134	1.6	2.5	2.0	3.0		1.0	1.0
HM23-72206	2.0	3.0	3.0	2.5		1.5	2.0
HM23-74210	1.1	1.0	2.0	1.0		1.0	1.0
ORC 6524	2.5	4.0	4.5	3.0		1.5	1.5
ORC 6624	2.5	4.0	5.0	3.0		1.5	1.5
ORC 7924	1.5	2.5	2.5	2.0		1.3	1.0
ORC 9224	2.3	3.5	3.5	4.0		1.8	2.0
ORC 9324	1.4	1.5	2.5	2.0		1.0	1.0
U20-927101	1.3	1.0	2.0	2.0		1.0	1.5
U20-929144	1.6	3.0	2.0	1.5		1.3	1.0
U21-105179	1.4	1.5	2.0	1.0		1.3	1.0
U21-213163	1.3	1.0	1.5	2.0		1.0	1.5
U21-213176	1.2	1.5	1.5	2.0		1.0	1.0
U22-902002	1.2	1.0	1.5	1.5		1.3	1.5
U22-902014	1.5	1.0	1.5	2.5		1.3	1.5
U22-902071	1.3	1.0	2.0	1.5		1.5	1.5
U22-903013	1.0	1.0	1.0	1.0		1.0	1.0
U22-903025	1.3	1.0	1.5	1.0		1.3	2.0
U22-904056	1.1	1.0	1.0	1.0		1.0	1.5
U22-907020	1.2	2.0	1.5	1.5		1.3	1.0
U22-911015	1.3	1.0	1.5	1.0		1.3	1.5
U22-927011	1.4	1.0	2.0	2.0		1.0	1.0

PRELIMINARY TEST IIB, 2025

LODGING (score)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	1.5	4.0	2.0	1.0	1.0	3.5
MN1905CN (E)	1.0	2.0	1.5	1.0	1.0	2.5
LD17-2558 (SCN)	1.0	1.5	1.0	1.0	1.0	2.3
U14-910097 (SCN) (L)	1.0	2.0	2.0	1.0	1.0	3.5
E23002	1.0	3.5	2.0	1.0	1.0	2.5
E23036	1.0	3.0	2.0	1.0	1.0	3.0
E23043	1.0	3.5	1.5	1.0	1.0	2.5
E23046	1.0	3.5	2.0	1.0	1.0	3.0
E23211	1.0	3.5	2.0	1.0	1.0	3.0
E23213	1.5	3.0	2.0	1.0	1.0	2.8
HM21-50328	1.0	3.5	1.5	1.0	1.0	1.5
HM22-64205	1.0	1.0	1.5	1.0	1.0	1.0
HM23-72134	1.0	2.0	2.0	1.0	1.0	1.0
HM23-72206	1.0	3.5	2.0	1.0	1.0	1.5
HM23-74210	1.0	1.0	1.0	1.0	1.0	1.0
ORC 6524	1.5	3.5	2.5	1.0	1.0	3.0
ORC 6624	1.0	3.5	3.0	1.0	1.0	3.0
ORC 7924	1.0	1.5	2.0	1.0	1.0	1.0
ORC 9224	1.0	3.0	2.5	1.0	1.0	2.5
ORC 9324	1.0	1.0	2.0	1.0	1.0	1.0
U20-927101	1.0	1.5	1.0	1.0	1.0	1.5
U20-929144	1.0	2.5	1.5	1.0	1.0	1.5
U21-105179	1.0	2.0	1.0	1.0	1.0	2.5
U21-213163	1.0	1.0	1.0	1.0	1.0	2.0
U21-213176	1.0	1.5	1.0	1.0	1.0	1.0
U22-902002	1.0	1.0	1.0	1.0	1.0	1.5
U22-902014	1.0	1.5	1.5	1.0	1.0	2.5
U22-902071	1.0	1.0	1.0	1.0	1.0	2.3
U22-903013	1.0	1.0	1.0	1.0	1.0	1.0
U22-903025	1.0	1.5	1.5	1.0	1.0	1.5
U22-904056	1.0	1.0	1.0	1.0	1.0	1.5
U22-907020	1.0	1.0	1.0	1.0	1.0	1.0
U22-911015	1.0	1.0	1.0	1.0	1.0	2.5
U22-927011	1.0	2.0	2.0	1.0	1.0	1.5

PRELIMINARY TEST IIB, 2025

PLANT HEIGHT (inches)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Suther- land IA	Monmouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	37	40	37	37		37	35
MN1905CN (E)	36	37	41	35		35	34
LD17-2558 (SCN)	36	40	41	34		37	34
U14-910097 (SCN) (L)	35	41	39	34		35	37
E23002	36	39	37	37		35	34
E23036	35	38	36	37		34	35
E23043	38	41	43	37		34	38
E23046	35	39	34	35		35	37
E23211	35	41	34	36		35	39
E23213	36	39	36	37		36	36
HM21-50328	39	39	39	42		40	39
HM22-64205	40	42	42	40		41	42
HM23-72134	35	36	39	38		35	37
HM23-72206	39	41	43	38		41	42
HM23-74210	31	35	32	31		31	29
ORC 6524	36	37	36	34		37	38
ORC 6624	38	39	40	35		38	35
ORC 7924	32	34	33	33		29	31
ORC 9224	36	38	32	37		37	38
ORC 9324	28	29	26	27		32	27
U20-927101	35	39	40	37		36	37
U20-929144	36	38	37	37		35	38
U21-105179	38	43	44	38		37	39
U21-213163	35	40	39	37		34	36
U21-213176	33	38	37	35		33	35
U22-902002	37	39	41	37		34	35
U22-902014	38	41	41	37		37	38
U22-902071	36	39	40	36		36	39
U22-903013	35	36	38	35		34	35
U22-903025	37	40	41	36		36	35
U22-904056	35	39	38	34		34	36
U22-907020	35	40	41	35		34	36
U22-911015	37	42	45	38		35	41
U22-927011	35	40	39	35		34	35

PRELIMINARY TEST IIB, 2025

PLANT HEIGHT (inches)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	35	34	42		28	44
MN1905CN (E)	32	35	42		25	44
LD17-2558 (SCN)	31	35	41		28	43
U14-910097 (SCN) (L)	31	33	38		26	39
E23002	37	36	42		27	39
E23036	35	33	38		25	39
E23043	33	33	45		29	47
E23046	33	34	43		26	40
E23211	31	33	37		26	39
E23213	34	32	42		26	39
HM21-50328	37	36	44		30	42
HM22-64205	35	41	46		33	44
HM23-72134	34	30	39		25	39
HM23-72206	35	36	42		31	41
HM23-74210	29	33	38		20	37
ORC 6524	38	32	40		27	41
ORC 6624	37	36	43		31	46
ORC 7924	30	32	42		25	36
ORC 9224	33	32	41		30	49
ORC 9324	28	26	26		23	36
U20-927101	30	34	42		25	37
U20-929144	33	34	42		24	40
U21-105179	31	37	42		27	45
U21-213163	30	36	40		24	37
U21-213176	28	33	39		23	36
U22-902002	34	36	43		26	44
U22-902014	36	34	44		29	49
U22-902071	31	34	36		26	44
U22-903013	29	33	40		25	41
U22-903025	34	35	41		25	45
U22-904056	31	33	37		25	43
U22-907020	30	34	41		26	40
U22-911015	30	38	39		26	42
U22-927011	31	32	38		25	41

PRELIMINARY TEST IIB, 2025

SEED SIZE (g/100)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	15.8	15.5	16.0	16.5	16.3	14.3	15.5
MN1905CN (E)	15.8	16.5	16.0	16.5	16.0	15.2	16.0
LD17-2558 (SCN)	15.4	14.5	14.0	15.5	16.0	14.9	15.0
U14-910097 (SCN) (L)	13.8	13.0	12.0	14.5	13.4	13.2	14.1
E23002	13.9	13.5	15.0	14.5	13.8	12.5	13.6
E23036	14.3	13.5	14.5	15.5	14.9	13.2	14.5
E23043	15.0	14.0	15.0	15.0	14.6	14.5	16.1
E23046	14.1	14.0	13.5	14.0	14.4	13.5	14.1
E23211	14.0	13.0	13.5	14.5	14.4	12.3	14.6
E23213	14.2	13.0	15.0	15.0	14.3	13.4	14.8
HM21-50328	16.3	15.5	15.0	17.0	16.2	15.3	16.1
HM22-64205	12.2	11.5	12.0	12.5	12.2	11.9	12.5
HM23-72134	16.7	15.5	16.5	19.0	15.9	16.2	17.6
HM23-72206	14.6	13.0	13.0	15.5	14.4	13.8	15.4
HM23-74210	13.3	12.5	13.0	13.0	12.9	12.3	13.4
ORC 6524	19.5	20.0	18.7	22.0	19.9	17.8	19.8
ORC 6624	17.7	16.5	19.0	19.5	17.8	17.2	19.0
ORC 7924	20.2	21.0	19.5	23.0	19.8	18.7	22.2
ORC 9224	18.0	16.5	18.5	21.0	17.0	17.1	19.7
ORC 9324	21.0	21.0	21.0	23.0	21.4	21.0	22.6
U20-927101	17.0	16.0	16.0	18.5	16.9	15.3	17.6
U20-929144	15.5	15.0	13.5	17.5	14.8	14.5	16.4
U21-105179	13.4	13.0	12.0	13.6	13.4	12.9	13.4
U21-213163	13.9	13.0	12.0	14.0	14.1	13.8	14.8
U21-213176	14.2	14.0	13.5	15.0	14.3	13.5	14.2
U22-902002	13.5	12.5	12.0	14.0	12.7	13.4	13.3
U22-902014	14.1	13.0	13.0	14.0	13.7	13.6	13.7
U22-902071	14.0	13.0	13.0	14.5	14.5	13.6	14.0
U22-903013	13.5	12.0	11.0	13.5	13.5	13.7	13.6
U22-903025	13.9	13.0	12.0	14.0	13.8	13.9	13.4
U22-904056	12.6	11.0	10.5	12.5	12.5	13.3	12.9
U22-907020	13.9	12.5	13.5	15.0	14.4	13.8	14.1
U22-911015	14.2	14.0	13.0	15.0	14.5	14.2	14.8
U22-927011	13.9	13.0	11.5	14.5	13.8	13.5	13.7

PRELIMINARY TEST IIB, 2025

SEED SIZE (g/100)

Strain	East Lansing MI	Cotesfield NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	16.3		17.3	16.1	13.0	16.7
MN1905CN (E)	16.2		16.6	14.8	12.9	17.3
LD17-2558 (SCN)	16.1		17.4	14.7	12.7	18.2
U14-910097 (SCN) (L)	14.9		14.7	13.6	11.6	16.3
E23002	13.7		15.3	14.9	12.0	14.5
E23036	14.6		14.6	14.6	11.9	15.6
E23043	16.3		14.0	14.7	13.4	16.9
E23046	14.3		15.1	14.0	12.3	16.0
E23211	15.2		13.7	13.8	11.8	17.0
E23213	14.7		13.7	13.9	12.4	16.2
HM21-50328	17.4		18.6	17.7	14.2	16.2
HM22-64205	12.6		12.9	11.9	10.5	13.3
HM23-72134	17.4		17.1	16.7	15.4	16.8
HM23-72206	15.6		15.6	15.4	13.3	15.2
HM23-74210	13.6		14.8	14.1	12.1	14.1
ORC 6524	20.9		21.0	20.3	14.6	19.7
ORC 6624	17.8		16.8	17.3	14.1	19.6
ORC 7924	20.2		22.1	19.0	16.6	20.2
ORC 9224	19.5		16.2	19.5	14.4	19.0
ORC 9324	19.4		21.3	21.0	16.9	22.5
U20-927101	17.9		18.3	18.1	15.1	16.9
U20-929144	16.0		18.0	15.7	13.5	15.5
U21-105179	14.2		14.9	12.8	12.1	15.4
U21-213163	14.2		15.4	13.4	13.1	15.4
U21-213176	14.7		16.5	14.6	11.9	13.9
U22-902002	15.0		14.9	13.9	11.5	15.4
U22-902014	15.5		15.6	14.1	12.1	16.8
U22-902071	14.9		15.0	13.3	11.9	16.0
U22-903013	15.1		15.0	14.4	12.1	14.3
U22-903025	14.8		15.9	14.2	12.1	16.2
U22-904056	13.3		15.1	12.6	10.8	14.5
U22-907020	14.3		15.2	14.3	11.8	13.8
U22-911015	14.2		15.6	14.1	12.1	14.3
U22-927011	15.5		15.7	13.9	12.2	15.6

PRELIMINARY TEST IIB, 2025

SEED QUALITY (score)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	1.5	1.0	2.5	1.0	2.0	2.0	1.0
MN1905CN (E)	1.5	1.0	2.0	1.5	2.0	2.0	1.0
LD17-2558 (SCN)	1.7	1.0	2.0	2.0	2.0	2.0	1.0
U14-910097 (SCN) (L)	1.4	1.0	1.5	1.0	2.0	2.0	1.0
E23002	1.5	1.0	2.5	1.0	2.0	2.0	1.0
E23036	1.5	1.0	2.5	1.0	2.0	2.0	1.0
E23043	1.4	1.0	1.5	1.0	1.0	2.0	1.0
E23046	1.4	1.0	2.0	2.0	1.0	1.0	1.0
E23211	2.0	1.0	2.0	1.5	3.0	3.0	1.5
E23213	2.0	1.0	1.5	2.0	3.0	3.0	1.0
HM21-50328	1.6	1.0	3.0	2.0	2.0	2.0	1.0
HM22-64205	1.5	1.0	2.0	1.0	2.0	1.0	1.5
HM23-72134	1.5	1.0	2.5	1.5	2.0	1.0	1.0
HM23-72206	1.5	2.0	2.0	1.0	2.0	2.0	1.0
HM23-74210	1.4	1.0	1.5	2.0	1.0	2.0	1.0
ORC 6524	1.7	1.0	3.0	2.0	2.0	3.0	1.5
ORC 6624	1.5	1.0	2.5	1.5	2.0	2.0	1.0
ORC 7924	1.7	1.0	2.5	2.0	2.0	2.0	1.0
ORC 9224	1.6	1.0	2.5	2.0	2.0	2.0	1.0
ORC 9324	2.0	1.0	2.5	3.0	2.0	3.0	1.0
U20-927101	1.4	1.0	1.5	1.0	2.0	2.0	1.0
U20-929144	1.5	1.0	1.5	2.0	2.0	2.0	1.0
U21-105179	1.6	1.0	2.5	1.0	2.0	2.0	1.0
U21-213163	1.6	1.0	2.0	2.0	2.0	2.0	1.0
U21-213176	1.5	1.0	1.5	2.0	2.0	1.0	1.0
U22-902002	1.4	1.0	1.5	1.0	2.0	2.0	1.0
U22-902014	1.2	1.0	1.5	1.0	1.0	1.0	1.0
U22-902071	1.3	1.0	1.0	1.0	1.0	2.0	1.0
U22-903013	1.3	1.0	1.0	1.0	2.0	2.0	1.0
U22-903025	1.4	1.0	1.5	1.0	2.0	2.0	1.0
U22-904056	1.4	1.0	1.5	1.5	2.0	2.0	1.0
U22-907020	1.4	1.0	1.0	1.0	2.0	2.0	1.0
U22-911015	1.7	1.0	2.0	1.5	2.0	3.0	1.0
U22-927011	1.5	1.0	1.5	1.5	2.0	2.0	1.0

PRELIMINARY TEST IIB, 2025

SEED QUALITY (score)

Strain	East Lansing MI	Cotesfield NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	2.0		1.0	1.0	1.0	2.0
MN1905CN (E)	2.0		1.0	1.0	1.0	2.0
LD17-2558 (SCN)	2.0		1.0	1.0	2.0	3.0
U14-910097 (SCN) (L)	2.0		1.0	1.0	1.0	2.0
E23002	2.0		1.0	1.0	1.0	2.0
E23036	2.0		1.0	1.0	1.0	2.0
E23043	2.0		1.0	1.0	1.0	2.5
E23046	2.0		1.0	1.0	1.0	2.0
E23211	2.5		1.0	1.0	1.0	4.0
E23213	3.0		1.5	1.0	1.0	4.0
HM21-50328	2.0		1.0	1.0	1.0	2.0
HM22-64205	2.0		1.0	1.0	2.0	2.5
HM23-72134	2.0		1.0	1.0	1.0	2.0
HM23-72206	2.0		1.0	1.0	1.0	2.0
HM23-74210	2.0		1.0	1.0	1.0	2.0
ORC 6524	2.0		1.0	1.0	1.0	1.5
ORC 6624	2.0		1.0	1.0	1.0	2.0
ORC 7924	2.0		1.0	2.0	1.0	2.5
ORC 9224	2.0		1.0	1.0	1.0	2.5
ORC 9324	3.0		1.5	2.0	1.0	2.5
U20-927101	2.0		1.0	1.0	1.0	2.0
U20-929144	2.0		1.0	1.0	1.0	2.0
U21-105179	2.0		1.0	1.0	1.0	3.0
U21-213163	2.0		1.0	1.5	1.0	2.5
U21-213176	2.0		1.0	1.0	1.0	2.5
U22-902002	2.0		1.0	1.0	1.0	2.0
U22-902014	1.0		1.0	1.0	1.0	2.5
U22-902071	2.0		1.0	1.0	1.0	2.0
U22-903013	2.0		1.0	1.0	1.0	1.5
U22-903025	2.0		1.0	1.0	1.0	1.5
U22-904056	1.5		1.0	1.0	1.0	2.0
U22-907020	2.0		1.0	1.0	1.0	2.0
U22-911015	2.0		1.0	1.0	1.5	2.5
U22-927011	2.0		1.0	1.0	1.0	3.0

PRELIMINARY TEST IIB, 2025

PROTEIN (%)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	34.6	34.3	36.6	34.8	34.7	33.5	34.7
MN1905CN (E)	34.0	33.9	33.9	33.8	34.5	33.5	34.2
LD17-2558 (SCN)	32.8	32.1	33.7	32.6	33.4	31.2	34.1
U14-910097 (SCN) (L)	32.4	33.0	34.0	31.3	33.5	31.4	32.8
E23002	32.9	34.2	33.5	32.6	32.9	32.2	33.1
E23036	32.4	32.2	32.6	33.1	33.6	31.2	32.0
E23043	33.5	33.6	34.9	32.8	33.8	34.3	34.7
E23046	32.6	33.3	32.7	32.0	33.0	31.9	32.4
E23211	32.7	33.4	33.3	32.3	33.5	31.8	33.4
E23213	32.9	34.0	33.6	32.5	33.4	32.7	33.6
HM21-50328	32.4	32.4	33.9	33.0	31.0	31.9	32.1
HM22-64205	33.5	34.3	34.0	33.9	34.0	33.0	34.1
HM23-72134	34.3	33.8	35.4	35.5	34.4	33.8	34.8
HM23-72206	33.5	33.9	33.0	33.7	34.7	33.1	33.8
HM23-74210	34.8	34.3	34.7	34.9	35.0	34.3	36.1
ORC 6524	35.0	34.4	35.9	35.4	37.2	34.0	34.8
ORC 6624	35.5	34.9	37.8	36.1	36.6	34.1	35.0
ORC 7924	35.7	36.5	35.9	37.5	36.7	35.3	35.5
ORC 9224	33.5	32.5	33.6	34.4	34.1	32.1	34.0
ORC 9324	33.3	32.9	33.2	33.5	34.3	31.4	33.9
U20-927101	33.7	33.9	34.0	33.5	34.6	32.7	34.6
U20-929144	33.5	34.5	34.3	33.1	34.8	32.9	34.6
U21-105179	33.1	33.5	34.0	33.2	33.6	32.7	34.3
U21-213163	31.8	32.3	33.7	31.4	32.4	31.1	32.9
U21-213176	32.4	32.2	33.9		33.2	31.7	32.1
U22-902002	31.4	31.7	33.2	30.8	32.5	31.4	32.6
U22-902014	30.5	30.6	31.5	29.3	31.5	30.0	30.6
U22-902071	31.2	31.4	31.5	29.6	32.2	31.8	32.1
U22-903013	30.8	29.9	32.6	30.4	32.3	30.8	31.2
U22-903025	31.2	31.2	33.4	30.4	31.7	31.3	32.6
U22-904056	31.3	32.6	32.5	30.6	31.7	32.2	31.8
U22-907020	32.5	31.2	33.9	33.3	32.5	32.7	33.7
U22-911015	33.4	33.9	35.2	32.6	34.4	32.9	34.4
U22-927011	32.1	32.9	33.2	31.2	32.9	30.7	33.1

PRELIMINARY TEST IIB, 2025

PROTEIN (%)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	34.6		35.1	34.8	33.4	34.0
MN1905CN (E)	34.8		34.3	33.6	32.1	34.9
LD17-2558 (SCN)	33.0		34.1	32.9	30.9	32.9
U14-910097 (SCN) (L)	32.8		32.9	31.6	31.2	32.1
E23002	33.1		34.2	33.8	30.9	31.3
E23036	33.0		32.7	32.5	31.2	32.1
E23043	33.7		33.9	33.0	31.5	32.3
E23046	32.8		33.3	32.7	31.6	33.0
E23211	33.4		32.9	32.3	31.1	32.7
E23213	33.2		32.3	32.6	31.4	33.1
HM21-50328	34.2		32.7	33.0	30.4	31.4
HM22-64205	33.5		34.5	32.4	32.0	32.7
HM23-72134	35.3		34.0	33.5	33.0	34.2
HM23-72206	33.6		35.0	33.4	31.5	32.8
HM23-74210	35.0		35.7	35.2	33.3	33.8
ORC 6524	34.6		35.8	35.8	33.1	34.3
ORC 6624	34.6		37.8	36.0	33.8	34.4
ORC 7924	35.2		36.3	36.0	33.4	34.7
ORC 9224	34.0		33.7	33.7	31.8	34.4
ORC 9324	33.1		34.6	33.4	31.3	34.3
U20-927101	33.7		36.0	33.6	31.8	32.9
U20-929144	33.3		35.0	32.9	31.4	31.9
U21-105179	33.1		34.0	33.0	31.4	31.1
U21-213163	32.0		32.4	31.5	30.2	30.0
U21-213176	32.4		35.0	32.5	29.7	31.4
U22-902002	31.2		32.1	30.8	29.3	29.5
U22-902014	30.5		32.2	30.8	28.4	29.9
U22-902071	30.7		33.2	31.4	28.6	30.7
U22-903013	30.5		31.5	30.9	28.6	29.8
U22-903025	30.3		33.5	31.3	28.7	29.4
U22-904056	31.0		32.5	31.1	28.7	30.2
U22-907020	32.7		32.7	31.9	31.7	31.1
U22-911015	33.5		34.6	32.4	30.8	32.4
U22-927011	32.6		33.3	32.1	30.5	30.9

PRELIMINARY TEST IIB, 2025

OIL (%)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Suther- land IA	Mon- mouth IL	Urbana IL	West Lafayette IN
IA2102 (II)	18.6	19.0	18.1	18.3	18.9	20.0	18.8
MN1905CN (E)	19.6	19.4	19.9	19.6	20.0	20.4	19.9
LD17-2558 (SCN)	19.2	19.8	19.4	19.7	19.4	20.8	19.2
U14-910097 (SCN) (L)	20.0	19.8	19.6	20.6	19.5	20.8	19.9
E23002	19.2	18.8	19.5	19.4	19.5	20.4	19.6
E23036	19.2	19.5	19.0	18.9	19.2	21.0	19.6
E23043	18.8	19.0	18.8	19.4	18.9	19.4	18.5
E23046	19.2	19.0	19.5	19.2	19.2	20.5	19.3
E23211	19.8	19.6	20.1	20.1	19.7	20.9	20.0
E23213	19.8	19.7	19.7	20.1	19.7	20.5	19.8
HM21-50328	19.4	19.7	19.4	19.1	20.0	21.0	20.3
HM22-64205	19.1	19.1	19.3	19.1	19.4	20.0	19.2
HM23-72134	19.0	19.0	18.7	18.6	19.1	20.4	19.2
HM23-72206	19.1	19.1	19.7	19.3	19.0	19.8	19.3
HM23-74210	19.1	19.4	19.5	19.3	19.0	20.1	18.9
ORC 6524	19.0	19.1	19.3	19.0	18.6	20.1	19.6
ORC 6624	17.9	18.2	17.7	17.2	18.1	19.8	18.6
ORC 7924	18.5	18.2	18.8	17.3	18.4	19.7	18.8
ORC 9224	19.9	20.4	19.9	19.8	20.4	21.3	20.3
ORC 9324	20.4	20.4	21.3	20.0	20.8	21.3	20.7
U20-927101	19.1	19.2	19.5	19.3	19.2	20.7	18.8
U20-929144	19.2	19.3	19.3	19.5	19.2	20.3	19.0
U21-105179	18.6	18.6	18.5	19.1	18.5	19.8	18.4
U21-213163	19.8	20.0	19.7	20.4	19.9	20.8	19.4
U21-213176	19.5	19.4	19.3		19.9	20.8	20.0
U22-902002	19.9	20.0	19.3	20.2	19.8	20.6	19.5
U22-902014	20.3	20.5	20.5	20.9	20.8	21.3	20.4
U22-902071	20.1	20.4	20.6	20.6	20.4	20.6	20.0
U22-903013	20.1	20.5	19.4	20.4	20.0	20.8	20.2
U22-903025	20.2	20.7	19.3	20.6	20.8	20.9	19.9
U22-904056	19.5	19.2	19.2	19.9	19.9	19.8	19.3
U22-907020	18.9	19.6	18.5	18.9	19.3	19.7	18.9
U22-911015	18.6	18.9	18.3	18.5	18.5	20.0	18.5
U22-927011	20.6	20.4	20.1	21.3	20.6	22.0	20.7

PRELIMINARY TEST IIB, 2025

OIL (%)

Strain	East Lansing MI	Cotes- field NE	Mead NE	Phillips NE	Hoyt- ville OH	Chatham ONT
IA2102 (II)	17.6		18.8	18.8	18.9	17.5
MN1905CN (E)	18.3		19.5	19.9	20.2	18.3
LD17-2558 (SCN)	17.6		19.4	19.2	19.4	17.7
U14-910097 (SCN) (L)	19.2		20.8	20.0	20.2	19.4
E23002	18.6		19.2	18.6	19.9	18.2
E23036	17.4		19.8	19.4	19.6	17.5
E23043	17.7		19.1	18.9	19.6	17.3
E23046	18.4		18.9	19.0	19.8	18.2
E23211	19.5		20.3	19.9	20.4	17.7
E23213	19.2		20.3	20.2	20.3	18.2
HM21-50328	16.7		20.3	19.3	20.0	17.7
HM22-64205	17.7		19.2	19.4	19.4	17.9
HM23-72134	16.8		19.5	20.9	19.1	17.3
HM23-72206	18.2		19.2	19.0	19.6	17.9
HM23-74210	18.1		19.1	19.0	19.8	18.1
ORC 6524	18.3		19.5	18.2	19.5	17.8
ORC 6624	16.8		18.3	17.6	18.1	16.6
ORC 7924	17.4		18.9	18.6	18.9	18.0
ORC 9224	18.7		20.2	19.9	20.2	18.0
ORC 9324	19.5		20.3	20.4	21.0	19.2
U20-927101	18.0		18.9	19.6	19.7	17.8
U20-929144	17.7		19.2	19.3	19.9	18.3
U21-105179	17.0		19.2	18.8	19.2	17.0
U21-213163	18.5		20.4	20.3	20.3	18.0
U21-213176	18.3		19.1	19.6	20.4	18.5
U22-902002	19.9		19.7	19.6	21.1	19.2
U22-902014	19.5		20.2	20.0	21.2	18.6
U22-902071	19.6		20.0	19.4	21.3	18.7
U22-903013	19.7		19.9	19.9	21.1	19.0
U22-903025	20.2		19.9	19.8	21.5	19.1
U22-904056	19.2		19.5	19.1	21.0	18.9
U22-907020	17.6		19.4	19.4	19.2	17.9
U22-911015	17.3		19.1	19.1	19.6	17.3
U22-927011	19.7		20.9	20.6	21.2	19.3

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**Northern Regional Uniform Test
Uniform Test III, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	U19-604203 (III)	U14-910097	LD11-2170	Graef	1	F5	Rps1k, SCN
2	U14-910097 (SCN) (E)	U09-105007	LD07-3419	Graef	7	F6	SCN (HR, HR)
3	LD18-6596	U11-616086	LD11-2170	Monteverde	3	F5	SCN, Rps1k
4	LD07-3395bf (SCN) (L)	LD07-3395 Reselection		Monteverde	10	F5	SCN
5	A17102-209	U14-924158	DSN11-12119	Singh	1	F5	Rps1c, SCN
6	A17112-133	U14-924158	U14-910097	Singh	1	F5	SCN
7	A17112-226	U14-924158	U14-910097	Singh	1	F5	SCN
8	A17204-16	DSN11-12119 / LD13-8466	U14-924158	Singh	1	F5	
9	A18361-172	A14011-77	DSN11-12119 / R11-8346	Singh	24 PT III A - 10	F5	
10	CR20-5340			Rainey	1		
11	CR21-01610			Rainey	2024 PT IV - 7		
12	CR21-01659			Rainey	2024 PT II - 21		
13	CR21-01765			Rainey	2024 PT III B		
14	CR21-02230			Rainey	2024 PT III B		
15	LD20-11665	LD12-3903	LD11-2170	Monteverde	1	F5	SCN, Rps1k
16	LD21-1222	LD12-459	LD14-1429	Monteverde	24 PT III A - 12	F5	SCN
17	LD21-2688	U14-211226	LD12-3903	Monteverde	24 PT III A - 14	F5	SCN
18	LD21-3090	LD15-3818	LD16-7669	Monteverde	2024 SCN P III	F5	SCN
19	LD21-5253	LD10-10198	U14-924158	Monteverde	2024 SCN P III	F5	SCN
20	LD21-5547	LD16-6888	LD15-5776793	Monteverde	2024 SCN P III	F5	SCN
21	LD21-5665	U14-910097	LD13-6678	Monteverde	2024 SCN P III	F5	SCN
22	LD21-7234	LD15-456	LD15-8459	Monteverde	24 PT III A - 15	F5	SCN
23	LD21-7458	LD15-3818	LD16-7669	Monteverde	2024 SCN P III	F5	SCN
24	LG19-4084	LD10-10226	LG10-12237	Mahan	2	F6	Diversity, SCN
25	LG21-2513	LD07-3395bf	LG11-6760	Mahan	24 PT III B - 21	F6	25% exotic pedigree
26	LG21-2680	LG11-10931	LG13-4038	Mahan	24 PT III B - 22	F6	18% exotic pedigree
27	LG21-2735	LG11-2963	LD10-10198	Mahan	24 PT III B - 23	F6	
28	LG21-2736	LG11-2963	LD10-10198	Mahan	24 PT III B - 24	F6	
29	LG21-2809	LG11-2963	U11-614119	Mahan	24 PT III B - 25	F6	
30	SA19-10687	SA13-2926	LD11-2170	Scaboo	2024 UT IV	F5	Rhg1-b, Rps1k, Rdc3
31	SA21-4164	SA14-9653	LD15-5776793	Scaboo	1	F5	SCN, Rps1a
32	U19-053145	LD12-3903	U14-910097	Graef	2024 SCN U III	F5	SCN
33	U19-274107	U14-910097	U16-903131	Graef	1	F5	SCN, Rps
34	U20-306320	U14-910097	U16-603132	Graef	24 PT III A - 24	F5	SCN
35	U20-307318	U14-910097	U16-603132	Graef	24 PT III A - 25	F5	SCN
36	U20-914165	LD14-3702	U16-322178	Graef	1	F5	SCN, Rps
37	U21-916129	U16-322148	U15-606207	Graef	24 PT III A - 28	F5	SCN
38	U21-930119	U15-606207	LD15-5776793	Graef	2024 SCN P III	F5	IDC
39	U21-930134	U17-322103	LD15-5776793	Graef	2024 SCN P III	F5	SCN, rps
40	U21-933088	U15-606207	LD15-5776793	Graef	2024 SCN P III	F5	SCN, rps, IDC

UNIFORM TEST III, 2025
DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
U19-604203 (III)	PLtBDYBrI
U14-910097 (SCN) (E)	PGTDYBfI
LD18-6596	WLtBDYYI
LD07-3395bf (SCN) (L)	WGTDYBfI
A17102-209	PTTDYBI
A17112-133	PLtTDYBI
A17112-226	PGTDYBfI
A17204-16	PGBSYIbI
A18361-172	PLtBSYHI
CR20-5340	PGBDYYI
CR21-01610	WGBDYBfI
CR21-01659	PLtBDYBrI
CR21-01765	WLtBSYBI
CR21-02230	WGBSYBfI
LD20-11665	PLtBDYBrI
LD21-1222	PLt+GTSYHI
LD21-2688	PLtBDYBI
LD21-3090	PLtBSYBI
LD21-5253	PGBDYIbI
LD21-5547	WLtTSYGI
LD21-5665	PLtBSYBI
LD21-7234	PLtBDYBI
LD21-7458	PLtTDYBI
LG19-4084	PGTDYBfI
LG21-2513	WGTDYBfI
LG21-2680	PLtBDYBrI
LG21-2735	PGBSYGI
LG21-2736	PGBSYIbI
LG21-2809	PGTDYIbI
SA19-10687	PLtTDYBrI
SA21-4164	PLtBSYBI
U19-053145	PGTDYIbI
U19-274107	PLtBSYBrI
U20-306320	WGTDYBfI
U20-307318	WLtBSYBrI
U20-914165	PLtBSYBI
U21-916129	PLtBDYBrI
U21-930119	PGBDYIbI
U21-930134	PGBDYIbI
U21-933088	PLtTDYBI

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UNIFORM TEST III, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	13 bu/a	13 No.	10 Date	11 Score	11 In.	10 g/100	10 Score	Protein 10 %	Oil 10 %
U19-604203 (III)	72.1	13	9/23	2.5	36	12.8	1.5	33.2	19.8
U14-910097 (SCN) (E)	73.8	9	-3.1	2.3	35	12.9	1.4	32.4	20.2
LD18-6596	71.4	25	1.0	1.5	35	13.2	1.4	32.6	19.5
LD07-3395bf (SCN) (L)	71.4	24	2.5	2.0	36	13.6	1.4	31.2	20.3
A17102-209	74.7	4	-1.6	1.6	37	13.4	1.5	30.5	19.9
A17112-133	74.4	6	0.4	1.7	36	12.7	1.4	31.3	20.1
A17112-226	72.0	15	-1.0	1.7	36	14.5	1.5	31.5	20.3
A17204-16	72.9	12	-0.7	2.0	40	13.2	1.4	32.3	20.2
A18361-172	67.8	39	2.6	2.3	39	12.8	1.5	36.3	18.1
CR20-5340	69.0	32	-4.0	1.8	37	13.5	1.4	31.9	20.0
CR21-01610	68.1	37	-1.3	1.6	34	12.3	1.4	33.2	19.3
CR21-01659	67.9	38	-1.7	1.7	34	13.8	1.4	33.4	19.8
CR21-01765	68.3	36	0.2	1.8	39	13.2	1.5	32.7	19.0
CR21-02230	68.6	35	2.2	1.4	37	15.0	1.4	32.3	19.4
LD20-11665	70.3	29	-2.2	1.6	35	13.8	1.4	33.1	19.9
LD21-1222	73.9	8	1.3	1.3	34	13.9	1.4	31.7	18.9
LD21-2688	74.4	7	-1.0	1.3	37	13.4	1.4	31.2	20.2
LD21-3090	77.1	1	3.4	1.6	37	13.4	1.4	33.5	19.0
LD21-5253	71.8	18	-1.5	1.8	37	12.7	1.4	32.0	19.9
LD21-5547	71.6	19	1.5	2.0	37	15.1	1.4	33.1	19.2
LD21-5665	71.6	20	-0.9	1.6	33	14.8	1.4	33.0	19.9
LD21-7234	71.3	26	-2.4	1.5	36	13.4	1.3	33.6	19.4
LD21-7458	75.2	3	2.1	1.3	38	12.6	1.4	33.8	19.2
LG19-4084	71.6	20	-2.0	2.4	34	13.5	1.3	32.4	20.0
LG21-2513	71.0	27	1.1	1.3	37	12.5	1.4	32.3	19.7
LG21-2680	69.0	33	-1.8	1.4	35	13.7	1.4	33.3	20.0
LG21-2735	69.6	30	-1.5	1.6	37	13.0	1.4	33.3	18.9
LG21-2736	67.1	40	-2.2	1.4	39	12.7	1.3	33.9	18.4
LG21-2809	69.1	31	-2.8	1.9	38	12.3	1.4	33.0	18.5
SA19-10687	73.5	10	3.1	1.9	35	14.8	1.4	32.2	19.9
SA21-4164	71.5	22	-0.4	1.5	34	14.2	1.3	33.3	19.4
U19-053145	75.4	2	-0.2	1.3	34	13.8	1.3	32.5	19.7
U19-274107	73.1	11	2.6	2.2	39	13.9	1.5	32.5	20.1
U20-306320	74.6	5	4.3	1.7	37	15.0	1.4	32.6	20.1
U20-307318	70.3	28	1.5	2.3	36	14.6	1.4	32.0	20.4
U20-914165	68.8	34	0.8	1.6	37	12.7	1.3	32.4	20.0
U21-916129	72.0	16	-0.3	1.5	34	13.8	1.4	32.8	19.7
U21-930119	71.4	23	-0.2	1.5	35	12.5	1.2	32.3	19.9
U21-930134	72.0	14	-2.2	1.8	35	13.8	1.3	31.6	19.7
U21-933088	71.9	17	2.7	1.5	37	13.4	1.3	32.0	19.7
Mean	71.5			1.7	36.1	13.5	1.4	32.6	19.6
C.V. (%)	9.4								
L.S.D. (5%)	3.0								

128.1 Days After Planting

UNIFORM TEST III, 2025

2023-2024 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	27 bu/a	27 No.	23 Date	24 Score	23 In.	23 g/100	22 Score	24 %	24 %
U19-604203 (III)	76.2	5	9/24	2.3	35	13.6	1.3	33.3	20.1
U14-910097 (SCN) (E)	75.5	8	-2.7	2.3	34	13.9	1.3	32.6	20.5
LD18-6596	74.7	9	0.9	1.4	34	14.1	1.3	32.8	19.9
LD07-3395bf (SCN) (L)	74.5	10	2.2	1.8	35	14.7	1.3	31.3	20.7
A17102-209	77.1	2	-1.8	1.6	36	14.0	1.3	30.6	20.2
A17112-133	77.6	1	0.0	1.7	35	13.5	1.2	31.4	20.5
A17112-226	76.5	4	-1.2	1.7	35	15.7	1.4	31.9	20.6
A17204-16	75.9	6	-0.4	2.0	40	14.0	1.3	32.3	20.6
CR20-5340	73.3	14	-3.9	1.8	36	14.5	1.3	32.2	20.2
LD20-11665	74.0	12	-2.3	1.5	34	14.7	1.3	33.4	20.3
LG19-4084	75.8	7	-2.1	2.5	33	14.5	1.3	32.6	20.3
SA21-4164	74.3	11	0.0	1.5	34	15.2	1.1	33.4	19.7
U19-274107	76.8	3	2.0	2.2	38	15.0	1.3	32.6	20.5
U20-914165	73.6	13	0.8	1.6	37	13.6	1.2	32.7	20.2

125.0 Days After Planting

2022-2024 3-YEAR MEAN

No. of Tests Strain	39	39	34	36	34	34	33	35	35
U14-910097 (SCN) (E)	76.7	3	9/22	2.2	34	14.6	1.4	32.7	20.6
LD18-6596	77.5	2	3.1	1.3	34	14.6	1.3	32.8	19.9
LD07-3395bf (SCN) (L)	75.9	4	4.5	1.7	35	15.2	1.3	31.4	20.7
LG19-4084	77.9	1	0.7	2.4	33	15.1	1.2	32.8	20.3

123.9 Days After Planting

UNIFORM TEST III, 2025

YIELD (bu/a)

Strain	Mean 13 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	72.1	65.1	79.9	58.6	69.3	61.2	82.8
U14-910097 (SCN) (E)	73.8	62.1	79.0	63.1	68.7	67.2	88.7
LD18-6596	71.4	62.0	63.0	59.1	67.8	67.9	86.3
LD07-3395bf (SCN) (L)	71.4	58.5	64.4	56.9	69.7	65.0	87.1
A17102-209	74.7	62.4	78.7	65.1	65.9	63.5	90.1
A17112-133	74.4	65.8	66.0	54.1	74.7	69.3	90.0
A17112-226	72.0	69.8	65.5	56.5	74.1	65.6	94.0
A17204-16	72.9	60.7	79.4	59.4	69.4	60.6	94.7
A18361-172	67.8	69.6	72.4	52.1	69.2	65.6	84.7
CR20-5340	69.0	75.3	60.3	60.3	67.2	62.9	72.8
CR21-01610	68.1	61.3	69.7	59.9	64.9	61.1	72.2
CR21-01659	67.9	67.9	63.0	54.3	63.4	58.4	84.8
CR21-01765	68.3	66.1	66.4	55.9	59.0	63.7	87.9
CR21-02230	68.6	63.8	68.9	54.8	70.1	62.4	81.8
LD20-11665	70.3	70.6	56.8	52.0	68.6	68.2	74.1
LD21-1222	73.9	66.7	77.0	57.9	68.2	70.0	79.0
LD21-2688	74.4	78.6	70.9	56.5	73.3	63.6	88.2
LD21-3090	77.1	63.9	75.8	68.4	78.6	73.0	93.9
LD21-5253	71.8	63.1	77.3	60.2	70.7	67.5	88.0
LD21-5547	71.6	70.4	63.9	56.9	62.9	70.3	78.8
LD21-5665	71.6	74.1	60.0	55.0	68.8	64.1	85.8
LD21-7234	71.3	69.7	73.2	57.5	64.3	65.9	82.4
LD21-7458	75.2	64.3	81.0	54.7	81.1	64.6	90.6
LG19-4084	71.6	58.8	66.7	59.8	68.6	66.9	84.9
LG21-2513	71.0	62.4	65.7	61.3	72.2	63.9	91.9
LG21-2680	69.0	60.0	61.6	58.7	64.1	57.8	84.4
LG21-2735	69.6	73.9	68.3	63.4	68.0	70.0	82.0
LG21-2736	67.1	61.4	62.8	63.5	69.5	66.3	80.2
LG21-2809	69.1	62.4	78.8	59.2	66.3	64.8	82.6
SA19-10687	73.5	74.9	84.2	51.6	70.0	64.4	84.3
SA21-4164	71.5	73.9	65.3	51.8	65.4	60.6	83.0
U19-053145	75.4	75.7	78.4	60.7	71.7	62.9	91.2
U19-274107	73.1	65.7	66.3	56.8	67.5	69.5	92.1
U20-306320	74.6	71.2	81.7	58.3	63.5	70.4	90.4
U20-307318	70.3	60.2	77.1	60.7	60.8	65.4	83.3
U20-914165	68.8	65.1	73.7	56.0	62.5	65.2	88.1
U21-916129	72.0	69.9	70.0	68.6	61.2	70.3	85.4
U21-930119	71.4	69.2	67.6	64.2	68.8	64.8	85.6
U21-930134	72.0	65.0	62.7	55.9	72.3	67.0	83.4
U21-933088	71.9	63.1	66.0	62.9	69.0	57.3	94.7
Location Mean		66.6	70.2	58.6	68.3	65.2	85.6
C.V. (%)		10.4	10.8	9.0	6.9	5.5	4.9
L.S.D. (5%)		11.3	15.3	10.6	9.6	7.2	8.5
Row Sp. (In.)		30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		3	2	2	2	2	2

UNIFORM TEST III, 2025

YIELD (bu/a)

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)	71.2	84.1	79.3	89.0	74.7	86.7	47.8
U14-910097 (SCN) (E)	84.2	84.4	85.0	83.4	71.0	92.7	45.6
LD18-6596	79.1	83.8	81.6	73.3	88.1	83.1	48.6
LD07-3395bf (SCN) (L)	79.7	87.2	80.3	79.6	82.7	85.5	48.5
A17102-209	82.1	85.0	90.3	88.8	83.7	93.4	38.7
A17112-133	80.2	86.5	82.6	79.2	84.2	99.8	47.7
A17112-226	77.1	92.8	82.5	67.0	67.9	90.7	48.7
A17204-16	81.8	79.8	85.8	73.0	77.4	89.2	48.3
A18361-172	71.0	81.5	66.0	71.0	64.1	79.9	51.4
CR20-5340	83.0	83.6	77.9	77.2	62.4	84.8	39.8
CR21-01610	80.4	77.3	78.2	74.1	80.4	83.4	38.6
CR21-01659	77.6	81.0	76.0	82.4	73.4	79.0	41.8
CR21-01765	77.8	76.3	69.0	82.3	72.4	84.3	40.2
CR21-02230	78.9	81.8	75.7	69.6	81.6	81.1	37.0
LD20-11665	81.4	81.8	72.8	83.5	83.1	84.2	52.4
LD21-1222	77.6	87.5	87.6	87.5	88.0	83.4	46.5
LD21-2688	88.5	91.3	80.8	75.1	82.9	89.2	44.4
LD21-3090	83.8	90.1	75.6	83.0	88.3	95.1	48.4
LD21-5253	79.4	89.9	81.2	76.5	70.2	82.0	43.6
LD21-5547	75.0	85.4	76.0	93.4	79.5	90.7	44.1
LD21-5665	83.0	80.5	77.8	80.1	73.7	94.9	45.3
LD21-7234	77.6	83.4	79.5	80.3	82.7	82.1	41.1
LD21-7458	82.9	83.2	84.6	95.0	85.3	82.5	44.1
LG19-4084	86.1	90.4	80.0	70.5	67.1	88.8	47.7
LG21-2513	76.9	80.4	74.7	80.8	82.3	79.6	47.2
LG21-2680	77.6	87.4	80.8	83.3	75.8	76.4	44.7
LG21-2735	81.3	78.8	67.4	71.3	66.5	78.1	46.4
LG21-2736	82.9	75.7	68.6	63.8	72.9	75.1	45.8
LG21-2809	73.6	74.3	76.5	79.4	68.1	81.9	46.6
SA19-10687	79.7	90.3	75.8	89.0	82.4	79.1	49.5
SA21-4164	84.5	81.2	77.0	81.8	89.4	82.4	40.7
U19-053145	86.4	86.2	83.5	87.2	87.1	82.3	42.4
U19-274107	78.3	84.8	84.1	82.1	79.9	86.9	49.2
U20-306320	79.7	82.6	70.7	86.3	88.4	84.3	55.5
U20-307318	77.2	80.8	68.4	88.2	74.8	82.0	51.0
U20-914165	77.2	86.4	67.7	74.4	83.6	67.7	42.9
U21-916129	78.6	85.2	76.4	77.5	73.3	81.7	53.7
U21-930119	82.2	77.8	78.0	77.9	81.4	85.2	42.0
U21-930134	79.3	80.7	79.8	89.7	83.8	92.8	39.9
U21-933088	79.9	83.4	78.7	89.4	72.4	91.3	43.1
Location Mean	79.8	83.6	77.9	80.4	78.2	84.8	45.5
C.V. (%)	4.0	6.2	7.4	8.5	10.2	5.3	8.6
L.S.D. (5%)	6.5	10.5	9.4	13.9	16.2	9.1	6.4
Row Sp. (In.)	30	30	30	30	30	30	8
Rows/Plot	4	4	4	4	4	4	8
Reps	2	2	3	2	2	2	3

UNIFORM TEST III, 2025

YIELD RANK

Strain	Mean 13 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	13	21	4	20	15	34	30
U14-910097 (SCN) (E)	9	32	6	7	20	12	12
LD18-6596	25	33	33	18	25	10	18
LD07-3395bf (SCN) (L)	24	40	31	24	12	21	17
A17102-209	4	29	8	3	29	30	10
A17112-133	6	19	27	36	3	8	11
A17112-226	15	12	29	27	4	18	3
A17204-16	12	36	5	16	14	36	1
A18361-172	39	14	16	37	16	17	24
CR20-5340	32	3	38	12	27	32	39
CR21-01610	37	35	19	14	31	35	40
CR21-01659	38	16	34	35	35	38	23
CR21-01765	36	18	24	31	40	28	16
CR21-02230	35	26	20	33	10	33	34
LD20-11665	29	9	40	38	21	9	38
LD21-1222	8	17	12	22	23	6	36
LD21-2688	7	1	17	28	5	29	13
LD21-3090	1	25	13	2	2	1	4
LD21-5253	18	27	10	13	9	11	15
LD21-5547	19	10	32	25	36	3	37
LD21-5665	20	5	39	32	19	26	19
LD21-7234	26	13	15	23	32	16	32
LD21-7458	3	24	3	34	1	24	8
LG19-4084	20	39	23	15	21	14	22
LG21-2513	27	31	28	9	7	27	6
LG21-2680	33	38	37	19	33	39	25
LG21-2735	30	6	21	6	24	5	33
LG21-2736	40	34	35	5	13	15	35
LG21-2809	31	30	7	17	28	23	31
SA19-10687	10	4	1	40	11	25	26
SA21-4164	22	7	30	39	30	37	29
U19-053145	2	2	9	11	8	31	7
U19-274107	11	20	25	26	26	7	5
U20-306320	5	8	2	21	34	2	9
U20-307318	28	37	11	10	39	19	28
U20-914165	34	22	14	29	37	20	14
U21-916129	16	11	18	1	38	4	21
U21-930119	23	15	22	4	18	22	20
U21-930134	14	23	36	30	6	13	27
U21-933088	17	28	26	8	17	40	1

UNIFORM TEST III, 2025

YIELD RANK

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)	39	18	18	5	26	14	13
U14-910097 (SCN) (E)	5	17	4	13	33	6	21
LD18-6596	24	19	10	33	4	23	9
LD07-3395bf (SCN) (L)	19	9	14	23	14	15	10
A17102-209	12	15	1	7	10	4	38
A17112-133	17	10	8	25	8	1	15
A17112-226	35	1	9	39	36	9	8
A17204-16	13	34	3	34	23	10	12
A18361-172	40	27	40	36	39	33	4
CR20-5340	8	20	22	28	40	17	37
CR21-01610	16	37	20	32	20	21	39
CR21-01659	30	29	27	16	28	36	32
CR21-01765	28	38	35	17	32	18	35
CR21-02230	25	25	30	38	18	32	40
LD20-11665	14	25	33	12	12	20	3
LD21-1222	30	7	2	9	5	22	18
LD21-2688	1	2	12	30	13	11	24
LD21-3090	6	5	31	15	3	2	11
LD21-5253	22	6	11	29	34	28	27
LD21-5547	37	13	27	2	22	8	26
LD21-5665	7	32	23	22	27	3	22
LD21-7234	30	22	17	21	14	27	33
LD21-7458	9	23	5	1	7	24	25
LG19-4084	3	3	15	37	37	12	14
LG21-2513	36	33	32	20	17	34	16
LG21-2680	29	8	13	14	24	38	23
LG21-2735	15	35	39	35	38	37	19
LG21-2736	9	39	36	40	30	39	20
LG21-2809	38	40	25	24	35	30	17
SA19-10687	21	4	29	5	16	35	6
SA21-4164	4	28	24	19	1	25	34
U19-053145	2	12	7	10	6	26	30
U19-274107	27	16	6	18	21	13	7
U20-306320	19	24	34	11	2	18	1
U20-307318	33	30	37	8	25	29	5
U20-914165	33	11	38	31	11	40	29
U21-916129	26	14	26	27	29	31	2
U21-930119	11	36	21	26	19	16	31
U21-930134	23	31	16	3	9	5	36
U21-933088	18	21	19	4	31	7	28

UNIFORM TEST III, 2025

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	9/23		9/21		9/23	9/23	9/20
U14-910097 (SCN) (E)	-3		-3		-3	-3	-3
LD18-6596	1		5		0	2	-1
LD07-3395bf (SCN) (L)	3		5		5	4	2
A17102-209	-2		-4		-2	1	-3
A17112-133	0		2		2	1	0
A17112-226	-1		1		0	0	-3
A17204-16	-1		0		-1	-1	-3
A18361-172	3		4		6	4	1
CR20-5340	-4		-3		-5	-4	-5
CR21-01610	-1		1		-1	1	-5
CR21-01659	-2		-4		-2	-3	-3
CR21-01765	0		3		-1	0	-1
CR21-02230	2		4		2	4	-1
LD20-11665	-2		-3		-3	-3	-2
LD21-1222	1		-2		3	3	2
LD21-2688	-1		-3		0	1	-3
LD21-3090	3		5		5	6	1
LD21-5253	-1		-3		-2	0	-3
LD21-5547	2		5		1	2	-2
LD21-5665	-1		1		-1	-1	-3
LD21-7234	-2		1		-4	-3	-5
LD21-7458	2		5		3	2	0
LG19-4084	-2		-1		-2	-1	-3
LG21-2513	1		3		1	3	1
LG21-2680	-2		-2		-4	-4	-3
LG21-2735	-2		-3		-1	-1	-4
LG21-2736	-2		-2		-1	-1	-4
LG21-2809	-3		-4		-3	-2	-5
SA19-10687	3		4		5	4	3
SA21-4164	-0		-3		0	-1	-1
U19-053145	-0		-2		1	-1	-2
U19-274107	3		2		3	6	3
U20-306320	4		5		5	7	3
U20-307318	1		4		2	2	1
U20-914165	1		4		1	3	-3
U21-916129	-0		4		-1	3	-4
U21-930119	-0		1		-1	2	-3
U21-930134	-2		-4		-2	-2	-4
U21-933088	3		5		6	2	1
Date Planted	5/18	5/12	5/6	5/9	5/20	5/19	5/19
Days to Mature	128		138		126	127	124

UNIFORM TEST III, 2025

MATURITY (date)

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)	9/22	9/23	9/20	9/28	9/28		9/25
U14-910097 (SCN) (E)	-4	-3	-5	-4	-5		-0
LD18-6596	0	0	1	1	2		1
LD07-3395bf (SCN) (L)	2	1	2	1	1		5
A17102-209	-3	-2	-2	1	-2		-1
A17112-133	-1	-2	-1	2	-2		4
A17112-226	-1	-4	-3	-1	-1		1
A17204-16	-1	-3	-1	1	1		1
A18361-172	2	1	3	3	-1		3
CR20-5340	-3	-5	-4	-5	-7		0
CR21-01610	-2	-4	-3	-2	1		0
CR21-01659	-2	-1	-4	0	-2		2
CR21-01765	0	-1	0	1	-2		2
CR21-02230	3	2	0	3	2		4
LD20-11665	-3	-3	-2	-1	-4		0
LD21-1222	1	2	0	1	-1		4
LD21-2688	0	-3	-1	-1	-1		0
LD21-3090	3	2	1	4	4		4
LD21-5253	-2	-1	-2	-1	-3		1
LD21-5547	1	0	-1	4	2		4
LD21-5665	-2	-1	-2	-1	-1		0
LD21-7234	-2	-3	-4	-1	-3		-1
LD21-7458	3	1	2	2	2		2
LG19-4084	-3	-2	-5	-1	-5		0
LG21-2513	2	-1	-1	2	-1		2
LG21-2680	-2	-1	-2	-1	-2		1
LG21-2735	-1	-2	-3	1	-2		0
LG21-2736	1	-3	-3	-3	-7		0
LG21-2809	-1	-4	-3	-4	-5		1
SA19-10687	3	2	2	4	3		4
SA21-4164	1	1	-1	2	-1		0
U19-053145	-2	-1	0	2	0		2
U19-274107	2	3	0	2	2		5
U20-306320	4	4	3	4	4		6
U20-307318	1	1	-1	2	1		2
U20-914165	0	1	-3	1	1		4
U21-916129	-1	-2	-2	0	-2		2
U21-930119	-1	0	-1	-1	1		1
U21-930134	-1	-4	-2	-2	-2		-2
U21-933088	2	2	1	5	2		3
Date Planted	5/9	5/10	5/13	5/30	5/22	5/31	6/3
Days to Mature	136	136	130	121	129		114

UNIFORM TEST III, 2025

LODGING (score)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	2.5	1.0	3.5		2.0	1.5	2.5
U14-910097 (SCN) (E)	2.3	2.7	2.5		2.0	1.5	2.0
LD18-6596	1.5	1.0	1.5		2.0	1.5	1.0
LD07-3395bf (SCN) (L)	2.0	1.0	3.0		2.0	1.3	2.0
A17102-209	1.6	1.0	2.0		1.5	1.5	1.0
A17112-133	1.7	1.3	1.5		1.5	1.3	2.0
A17112-226	1.7	1.0	1.5		1.0	1.3	1.0
A17204-16	2.0	1.3	2.0		2.0	1.3	1.5
A18361-172	2.3	2.0	3.5		2.0	1.5	2.0
CR20-5340	1.8	1.0	2.0		2.0	1.0	1.0
CR21-01610	1.6	1.0	1.5		1.5	1.3	1.0
CR21-01659	1.7	1.0	3.0		1.5	1.0	1.0
CR21-01765	1.8	1.0	2.0		1.0	1.0	1.0
CR21-02230	1.4	1.0	1.0		2.0	1.0	1.0
LD20-11665	1.6	1.0	2.5		2.0	1.0	1.5
LD21-1222	1.3	1.0	1.5		1.5	1.0	1.5
LD21-2688	1.3	1.0	1.5		1.5	1.0	1.0
LD21-3090	1.6	1.0	1.5		2.0	1.3	1.5
LD21-5253	1.8	1.0	2.5		2.0	1.0	1.0
LD21-5547	2.0	1.0	2.0		2.0	1.5	1.5
LD21-5665	1.6	1.0	1.5		1.5	1.0	1.5
LD21-7234	1.5	1.0	1.0		1.5	1.3	1.0
LD21-7458	1.3	1.0	1.5		1.5	1.0	1.0
LG19-4084	2.4	2.3	2.5		2.0	1.8	2.5
LG21-2513	1.3	1.0	1.5		2.0	1.3	1.5
LG21-2680	1.4	1.0	1.5		2.0	1.0	1.0
LG21-2735	1.6	1.0	2.0		1.5	1.3	1.5
LG21-2736	1.4	1.0	2.0		1.0	1.0	1.0
LG21-2809	1.9	1.7	2.0		2.0	1.5	1.5
SA19-10687	1.9	1.0	2.0		2.0	1.3	2.0
SA21-4164	1.5	1.0	2.0		1.5	1.0	2.0
U19-053145	1.3	1.0	1.5		1.5	1.0	1.0
U19-274107	2.2	1.0	2.5		2.0	1.5	2.5
U20-306320	1.7	1.0	1.5		1.5	1.5	2.0
U20-307318	2.3	1.7	2.0		2.0	1.5	3.0
U20-914165	1.6	1.0	1.5		2.0	1.3	2.0
U21-916129	1.5	1.0	1.0		1.5	1.3	1.5
U21-930119	1.5	1.0	1.0		2.0	1.0	1.0
U21-930134	1.8	1.0	2.0		2.0	1.0	2.0
U21-933088	1.5	1.0	1.0		2.0	1.3	2.0

UNIFORM TEST III, 2025

LODGING (score)

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)	3.0	3.0	3.5	3.5	3.5		1.0
U14-910097 (SCN) (E)	2.5	2.0	2.0	3.5	3.5		1.0
LD18-6596	1.5	2.0	1.5	1.5	2.0		1.0
LD07-3395bf (SCN) (L)	2.0	1.5	2.5	3.0	3.0		1.0
A17102-209	2.0	1.5	2.0	2.5	2.0		1.0
A17112-133	2.0	1.5	2.0	2.5	2.0		1.0
A17112-226	2.0	1.5	1.5	3.0	3.5		1.0
A17204-16	2.0	2.0	3.0	3.0	3.0		1.0
A18361-172	2.0	2.5	2.0	3.0	3.5		1.0
CR20-5340	2.0	1.5	2.0	3.0	3.5		1.0
CR21-01610	1.5	1.0	1.5	3.0	3.0		1.0
CR21-01659	2.0	1.5	1.5	2.5	2.5		1.0
CR21-01765	2.0	1.0	3.0	3.5	3.0		1.0
CR21-02230	1.0	1.0	1.5	2.5	2.0		1.0
LD20-11665	1.5	2.0	2.0	2.0	1.0		1.0
LD21-1222	1.0	1.5	2.0	1.0	1.5		1.0
LD21-2688	1.0	1.0	1.0	2.0	2.0		1.0
LD21-3090	1.5	1.5	1.5	2.5	2.0		1.0
LD21-5253	1.5	1.5	2.0	3.0	3.5		1.0
LD21-5547	2.0	2.0	2.0	2.5	4.0		1.0
LD21-5665	1.5	1.5	1.5	3.0	2.5		1.0
LD21-7234	2.0	1.0	1.5	3.0	2.0		1.0
LD21-7458	1.0	1.0	1.5	2.0	1.5		1.0
LG19-4084	3.0	2.0	3.5	3.0	3.0		1.0
LG21-2513	1.0	1.0	2.0	1.5	1.0		1.0
LG21-2680	1.0	1.0	1.5	2.0	2.0		1.0
LG21-2735	1.0	2.0	1.5	2.0	3.0		1.0
LG21-2736	1.0	1.0	1.5	3.0	2.0		1.0
LG21-2809	2.0	1.5	1.5	3.0	3.5		1.0
SA19-10687	2.0	2.0	2.0	2.5	3.0		1.0
SA21-4164	1.0	1.5	1.5	2.0	1.5		1.0
U19-053145	1.0	1.0	1.5	1.5	2.5		1.0
U19-274107	2.0	2.5	2.5	3.0	4.0		1.0
U20-306320	2.0	2.0	1.5	2.5	2.0		1.0
U20-307318	3.0	2.5	2.5	3.5	3.0		1.0
U20-914165	2.0	1.5	1.5	2.0	2.0		1.0
U21-916129	1.5	1.0	1.5	3.0	2.0		1.0
U21-930119	1.0	1.0	1.5	3.0	3.0		1.0
U21-930134	2.0	2.0	2.0	3.0	1.5		1.0
U21-933088	1.0	2.0	2.0	1.5	1.5		1.0

UNIFORM TEST III, 2025

PLANT HEIGHT (inches)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	36	35	39		37	36	34
U14-910097 (SCN) (E)	35	37	38		33	34	31
LD18-6596	35	37	35		32	36	30
LD07-3395bf (SCN) (L)	36	38	37		35	36	33
A17102-209	37	37	39		35	34	33
A17112-133	36	38	36		34	34	34
A17112-226	36	38	38		34	35	32
A17204-16	40	38	45		40	39	38
A18361-172	39	44	43		39	37	37
CR20-5340	37	39	39		38	35	34
CR21-01610	34	36	35		32	31	31
CR21-01659	34	37	38		31	33	31
CR21-01765	39	41	44		37	38	37
CR21-02230	37	38	38		37	34	35
LD20-11665	35	37	37		33	34	32
LD21-1222	34	37	41		31	32	32
LD21-2688	37	41	39		34	34	35
LD21-3090	37	38	38		38	37	34
LD21-5253	37	40	40		37	37	35
LD21-5547	37	38	37		35	35	33
LD21-5665	33	34	33		32	31	30
LD21-7234	36	39	38		36	37	32
LD21-7458	38	37	43		38	36	37
LG19-4084	34	36	32		32	35	31
LG21-2513	37	37	37		35	35	34
LG21-2680	35	36	39		34	32	30
LG21-2735	37	39	39		37	36	35
LG21-2736	39	40	41		38	38	35
LG21-2809	38	40	42		37	38	34
SA19-10687	35	39	37		34	34	32
SA21-4164	34	38	34		31	33	32
U19-053145	34	37	36		35	32	33
U19-274107	39	39	42		36	39	38
U20-306320	37	39	41		36	36	35
U20-307318	36	38	39		33	37	34
U20-914165	37	40	41		35	35	33
U21-916129	34	37	36		32	34	31
U21-930119	35	39	36		33	33	33
U21-930134	35	39	39		34	34	33
U21-933088	37	40	41		35	36	36

UNIFORM TEST III, 2025

PLANT HEIGHT (inches)

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)	38	39	33	42	36		28
U14-910097 (SCN) (E)	39	36	33	41	37		27
LD18-6596	36	38	36	39	39		26
LD07-3395bf (SCN) (L)	37	38	37	43	40		23
A17102-209	40	38	37	44	40		27
A17112-133	38	36	34	43	40		29
A17112-226	38	39	34	41	38		28
A17204-16	41	41	40	49	44		30
A18361-172	43	40	38	45	42		27
CR20-5340	40	38	37	36	39		29
CR21-01610	38	32	32	44	39		25
CR21-01659	37	34	32	40	41		26
CR21-01765	42	40	39	41	42		29
CR21-02230	39	37	35	44	41		27
LD20-11665	36	36	35	40	39		27
LD21-1222	33	35	33	42	41		24
LD21-2688	40	38	37	43	42		27
LD21-3090	41	40	39	39	40		30
LD21-5253	39	37	35	41	42		29
LD21-5547	39	40	37	43	40		28
LD21-5665	35	33	32	37	37		27
LD21-7234	38	39	34	41	41		26
LD21-7458	39	39	39	43	42		30
LG19-4084	37	38	32	37	36		29
LG21-2513	40	38	38	43	41		26
LG21-2680	37	37	34	39	38		25
LG21-2735	40	39	35	37	41		28
LG21-2736	41	40	37	44	42		30
LG21-2809	41	40	32	42	40		29
SA19-10687	39	36	35	42	38		27
SA21-4164	36	32	32	40	38		25
U19-053145	36	31	34	40	37		25
U19-274107	41	43	36	42	42		30
U20-306320	38	37	34	43	42		29
U20-307318	39	37	34	42	40		27
U20-914165	41	39	34	41	44		27
U21-916129	36	37	34	39	36		29
U21-930119	37	35	33	41	38		26
U21-930134	37	35	35	37	37		26
U21-933088	37	40	37	41	39		28

UNIFORM TEST III, 2025

SEED SIZE (g/100)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	12.8	12.7	13.5	12.2	12.9	13.0	
U14-910097 (SCN) (E)	12.9	12.3	13.0	13.1	12.9	13.2	
LD18-6596	13.2	13.0	13.0	12.8	13.1	13.9	
LD07-3395bf (SCN) (L)	13.6	12.3	13.0	12.4	14.6	14.1	
A17102-209	13.4	12.7	13.5	13.7	13.0	14.1	
A17112-133	12.7	12.0	12.0	12.7	13.1	13.0	
A17112-226	14.5	13.3	14.0	14.8	15.0	15.2	
A17204-16	13.2	12.0	13.0	13.8	14.0	13.7	
A18361-172	12.8	13.0	13.0	12.6	12.9	12.7	
CR20-5340	13.5	12.7	14.0	14.2	13.9	13.5	
CR21-01610	12.3	11.7	14.0	13.1	12.7	12.5	
CR21-01659	13.8	14.0	14.5	13.5	13.6	13.3	
CR21-01765	13.2	12.3	13.5	13.2	12.8	13.5	
CR21-02230	15.0	15.0	15.5	14.2	15.1	15.2	
LD20-11665	13.8	13.3	14.0	13.3	13.8	14.0	
LD21-1222	13.9	12.7	14.0	13.8	14.6	14.0	
LD21-2688	13.4	13.0	13.5	13.1	13.4	13.1	
LD21-3090	13.4	13.3	13.0	13.7	13.7	13.8	
LD21-5253	12.7	11.7	13.0	13.4	13.1	12.4	
LD21-5547	15.1	14.7	15.0	14.1	15.4	16.1	
LD21-5665	14.8	15.3	15.0	14.1	14.8	14.2	
LD21-7234	13.4	13.7	14.5	12.8	13.7	13.3	
LD21-7458	12.6	12.3	13.0	12.2	13.0	12.2	
LG19-4084	13.5	12.7	13.0	13.0	13.7	13.0	
LG21-2513	12.5	11.3	12.0	12.8	13.0	12.6	
LG21-2680	13.7	13.0	14.5	13.0	13.0	13.3	
LG21-2735	13.0	12.7	13.0	13.1	13.7	13.2	
LG21-2736	12.7	13.0	12.5	12.9	13.3	12.8	
LG21-2809	12.3	12.0	12.0	12.8	12.3	12.4	
SA19-10687	14.8	14.7	14.7	14.5	15.4	14.5	
SA21-4164	14.2	14.0	13.8	13.3	15.4	14.7	
U19-053145	13.8	13.0	13.5	13.5	14.2	13.6	
U19-274107	13.9	13.0	13.8	13.7	14.2	13.6	
U20-306320	15.0	15.0	14.0	14.1	16.0	15.9	
U20-307318	14.6	14.3	14.0	14.5	14.7	14.8	
U20-914165	12.7	12.7	12.5	13.2	12.9	12.7	
U21-916129	13.8	13.7	13.5	13.6	13.8	14.2	
U21-930119	12.5	11.7	11.8	13.0	12.8	12.5	
U21-930134	13.8	13.0	13.5	13.0	14.4	14.3	
U21-933088	13.4	12.3	13.0	13.4	14.1	13.6	

UNIFORM TEST III, 2025

SEED SIZE (g/100)

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)		13.3	12.0	12.7		13.9	12.0
U14-910097 (SCN) (E)		13.2	12.2	13.1		14.2	11.7
LD18-6596		13.8	12.3	13.7		14.3	12.0
LD07-3395bf (SCN) (L)		14.2	12.9	14.0		14.7	13.4
A17102-209		14.5	13.0	14.3		14.3	10.8
A17112-133		13.5	10.8	12.9		14.5	12.0
A17112-226		15.4	12.7	15.6		15.2	13.5
A17204-16		13.6	12.8	13.6		13.8	11.5
A18361-172		13.5	10.8	14.3		14.0	11.4
CR20-5340		14.1	12.4	13.6		14.2	12.5
CR21-01610		12.4	10.9	12.6		12.1	11.4
CR21-01659		14.0	12.7	15.0		14.5	12.8
CR21-01765		13.7	12.4	14.7		13.6	12.4
CR21-02230		16.7	12.8	15.7		15.6	14.2
LD20-11665		14.3	13.0	15.6		14.1	12.5
LD21-1222		14.6	11.8	15.5		14.6	13.6
LD21-2688		14.0	12.2	14.5		14.4	13.0
LD21-3090		13.8	11.6	14.9		14.6	11.8
LD21-5253		13.7	11.6	13.4		13.5	11.1
LD21-5547		15.9	13.5	16.4		16.3	13.7
LD21-5665		15.3	12.9	15.9		16.5	13.5
LD21-7234		14.1	10.7	14.5		14.5	12.3
LD21-7458		12.3	11.2	14.6		12.8	12.4
LG19-4084		14.8	12.3	14.3		14.7	13.0
LG21-2513		13.0	11.2	14.3		12.9	11.8
LG21-2680		14.6	13.0	14.5		15.1	12.6
LG21-2735		13.2	10.9	13.7		13.7	12.3
LG21-2736		12.7	10.7	13.0		13.2	12.6
LG21-2809		12.9	10.6	12.8		13.3	12.2
SA19-10687		15.7	13.0	17.4		14.8	13.0
SA21-4164		15.3	12.2	16.3		14.8	12.6
U19-053145		14.9	12.4	15.1		14.9	12.8
U19-274107		15.0	11.6	15.4		14.7	13.5
U20-306320		15.8	12.8	17.3		15.9	13.6
U20-307318		15.1	12.2	16.9		15.7	13.5
U20-914165		13.7	10.8	13.8		13.3	11.1
U21-916129		14.0	12.2	15.2		15.0	13.2
U21-930119		12.7	11.2	14.2		13.1	12.1
U21-930134		14.2	13.0	15.3		14.2	13.3
U21-933088		14.0	11.8	15.4		14.2	12.2

UNIFORM TEST III, 2025

SEED QUALITY (score)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	1.5	1.0	3.0	2.0	2.0	2.0	
U14-910097 (SCN) (E)	1.4	1.0	2.0	2.0	2.0	2.0	
LD18-6596	1.4	1.0	1.5	2.0	2.0	2.0	
LD07-3395bf (SCN) (L)	1.4	1.0	2.0	2.0	2.0	2.0	
A17102-209	1.5	1.0	2.0	2.0	2.0	2.0	
A17112-133	1.4	1.0	1.5	2.0	2.0	2.0	
A17112-226	1.5	1.0	2.0	2.0	2.0	2.0	
A17204-16	1.4	1.0	2.0	2.0	2.0	2.0	
A18361-172	1.5	1.0	2.0	2.0	2.0	2.0	
CR20-5340	1.4	1.0	1.5	2.0	2.0	2.0	
CR21-01610	1.4	1.0	2.0	2.0	2.0	2.0	
CR21-01659	1.4	1.0	2.0	2.0	2.0	2.0	
CR21-01765	1.5	1.0	3.0	2.0	1.5	2.0	
CR21-02230	1.4	1.0	1.5	2.0	2.0	2.0	
LD20-11665	1.4	1.0	2.0	2.0	2.0	2.0	
LD21-1222	1.4	1.0	2.0	2.0	2.0	2.0	
LD21-2688	1.4	1.0	2.0	2.0	1.5	2.0	
LD21-3090	1.4	1.0	2.0	2.0	2.0	2.0	
LD21-5253	1.4	1.0	2.0	2.0	2.0	2.0	
LD21-5547	1.4	1.0	2.0	2.0	1.5	2.0	
LD21-5665	1.4	1.0	2.5	2.0	2.0	1.0	
LD21-7234	1.3	1.0	1.5	2.0	1.5	2.0	
LD21-7458	1.4	1.3	2.0	2.0	2.0	2.0	
LG19-4084	1.3	1.0	1.0	2.0	2.0	2.0	
LG21-2513	1.4	1.0	1.5	2.0	2.0	2.0	
LG21-2680	1.4	1.0	2.0	2.0	2.0	2.0	
LG21-2735	1.4	1.0	2.0	2.0	1.5	2.0	
LG21-2736	1.3	1.0	1.5	2.0	1.5	2.0	
LG21-2809	1.4	1.0	1.5	2.0	2.0	2.0	
SA19-10687	1.4	1.0	2.0	2.0	2.0	2.0	
SA21-4164	1.3	1.0	1.0	2.0	1.5	2.0	
U19-053145	1.3	1.0	1.0	2.0	1.5	2.0	
U19-274107	1.5	1.0	2.9	2.0	2.0	2.0	
U20-306320	1.4	1.0	2.0	2.0	1.5	2.0	
U20-307318	1.4	1.3	1.5	2.0	2.0	2.0	
U20-914165	1.3	1.0	2.0	2.0	2.0	1.0	
U21-916129	1.4	1.0	2.0	2.0	2.0	2.0	
U21-930119	1.2	1.0	1.0	2.0	2.0	1.0	
U21-930134	1.3	1.0	1.5	2.0	1.5	2.0	
U21-933088	1.3	1.0	1.5	2.0	1.5	2.0	

UNIFORM TEST III, 2025

SEED QUALITY (score)

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)		1.0	1.0	1.0		1.0	1.0
U14-910097 (SCN) (E)		1.0	1.0	1.0		1.0	1.0
LD18-6596		1.0	1.0	1.0		1.0	1.0
LD07-3395bf (SCN) (L)		1.0	1.0	1.0		1.0	1.0
A17102-209		1.0	1.0	1.0		1.0	2.0
A17112-133		1.0	1.0	1.0		1.0	1.0
A17112-226		1.5	1.0	1.0		1.0	1.0
A17204-16		1.0	1.0	1.0		1.0	1.0
A18361-172		1.0	1.0	1.0		1.0	2.0
CR20-5340		1.0	1.0	1.0		1.0	1.0
CR21-01610		1.0	1.0	1.0		1.0	1.0
CR21-01659		1.0	1.0	1.0		1.0	1.0
CR21-01765		1.0	1.0	1.0		1.0	1.0
CR21-02230		1.0	1.0	1.0		1.0	1.0
LD20-11665		1.0	1.0	1.0		1.0	1.0
LD21-1222		1.0	1.0	1.0		1.0	1.0
LD21-2688		1.0	1.0	1.0		1.0	1.0
LD21-3090		1.0	1.0	1.0		1.0	1.0
LD21-5253		1.0	1.0	1.0		1.0	1.0
LD21-5547		1.0	1.0	1.0		1.0	1.0
LD21-5665		1.0	1.0	1.0		1.0	1.0
LD21-7234		1.0	1.0	1.0		1.0	1.0
LD21-7458		1.0	1.0	1.0		1.0	1.0
LG19-4084		1.0	1.0	1.0		1.0	1.0
LG21-2513		1.0	1.0	1.0		1.0	1.0
LG21-2680		1.0	1.0	1.0		1.0	1.0
LG21-2735		1.0	1.0	1.0		1.0	1.0
LG21-2736		1.0	1.0	1.0		1.0	1.0
LG21-2809		1.0	1.0	1.0		1.0	1.0
SA19-10687		1.0	1.0	1.0		1.0	1.0
SA21-4164		1.0	1.0	1.0		1.0	1.0
U19-053145		1.0	1.0	1.0		1.0	1.0
U19-274107		1.0	1.0	1.0		1.0	1.0
U20-306320		1.0	1.0	1.0		1.0	1.0
U20-307318		1.0	1.0	1.0		1.0	1.0
U20-914165		1.0	1.0	1.0		1.0	1.0
U21-916129		1.0	1.0	1.0		1.0	1.0
U21-930119		1.0	1.0	1.0		1.0	1.0
U21-930134		1.0	1.0	1.0		1.0	1.0
U21-933088		1.0	1.0	1.0		1.0	1.0

UNIFORM TEST III, 2025

PROTEIN (%)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	33.2	32.8	33.7	31.7	33.1	33.2	
U14-910097 (SCN) (E)	32.4	32.3	33.1	33.0	32.7	31.3	
LD18-6596	32.6	32.7	33.5	32.7	32.5	32.4	
LD07-3395bf (SCN) (L)	31.2	30.3	32.4	31.2	32.4	30.7	
A17102-209	30.5	30.4	31.3	30.2	30.2	30.0	
A17112-133	31.3	32.1	32.8	30.4	30.9	30.7	
A17112-226	31.5	31.4	33.0	31.2	32.0	30.9	
A17204-16	32.3	32.1	34.4	31.1	33.1	32.3	
A18361-172	36.3	36.4	36.7	34.6	36.6	35.7	
CR20-5340	31.9	31.9	32.7	31.7	31.5	29.5	
CR21-01610	33.2	33.2	34.6	32.7	33.3	33.0	
CR21-01659	33.4	34.0	34.6	32.3	32.4	33.0	
CR21-01765	32.7	32.9	33.8	32.1	32.7	32.9	
CR21-02230	32.3	31.8	33.3	31.2	32.0	32.4	
LD20-11665	33.1	32.4	33.9	32.2	34.0	32.9	
LD21-1222	31.7	31.3	32.8	30.7	31.5	31.5	
LD21-2688	31.2	30.4	32.1	31.4	30.5	31.1	
LD21-3090	33.5	32.4	34.9	33.2	34.0	34.4	
LD21-5253	32.0	30.5	32.9	31.4	33.1	31.8	
LD21-5547	33.1	32.6	34.8	32.2	32.7	34.1	
LD21-5665	33.0	33.8	33.6	32.6	33.0	32.4	
LD21-7234	33.6	33.9	35.0	33.0	33.6	33.9	
LD21-7458	33.8	33.4	35.0	31.6	34.3	33.6	
LG19-4084	32.4	32.5	34.5	31.9	31.5	31.6	
LG21-2513	32.3	32.1	33.7	31.3	32.7	33.1	
LG21-2680	33.3	33.7	33.7	32.4	32.8	32.9	
LG21-2735	33.3	33.8	33.7	32.7	33.4	32.8	
LG21-2736	33.9	34.4	34.5	32.6	34.0	33.3	
LG21-2809	33.0	33.5	34.4	31.9	32.4	31.8	
SA19-10687	32.2	30.7	33.4	32.2	32.3	32.5	
SA21-4164	33.3	32.0	35.4	32.9	32.2	33.6	
U19-053145	32.5	32.5	33.8	31.7	32.6	32.8	
U19-274107	32.5	31.0	33.6	32.3	32.2	32.5	
U20-306320	32.6	32.3	34.7	32.3	32.8	30.9	
U20-307318	32.0	31.9	33.8	31.7	32.2	31.1	
U20-914165	32.4	32.7	33.9	31.7	32.3	31.8	
U21-916129	32.8	32.9	33.4	32.1	33.2	32.6	
U21-930119	32.3	31.4	33.5	31.9	32.0	31.8	
U21-930134	31.6	30.2	31.6	31.1	31.5	30.7	
U21-933088	32.0	28.7	32.5	31.1	33.6	32.7	

UNIFORM TEST III, 2025

PROTEIN (%)

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)		33.8	34.3	33.6		33.6	31.8
U14-910097 (SCN) (E)		32.8	33.7	32.7		32.1	30.0
LD18-6596		33.7	33.8	31.9		32.1	30.5
LD07-3395bf (SCN) (L)		32.0	32.0	31.8		29.7	29.3
A17102-209		31.4	31.3	31.3		30.1	28.5
A17112-133		31.5	32.2	31.6		30.8	30.4
A17112-226		32.4	32.2	31.6		31.2	29.4
A17204-16		32.4	33.6	32.6		31.4	29.6
A18361-172		37.6	37.7	36.2		36.3	35.6
CR20-5340		32.2	32.9	33.2		32.0	31.4
CR21-01610		33.3	33.7	33.8		33.2	31.7
CR21-01659		34.7	34.1	33.4		33.6	31.9
CR21-01765		33.3	34.2	32.9		31.9	30.2
CR21-02230		33.9	32.9	32.6		31.7	30.9
LD20-11665		34.3	33.6	35.2		30.5	32.0
LD21-1222		33.1	33.2	32.1		31.0	29.7
LD21-2688		32.2	31.9	31.6		29.4	30.9
LD21-3090		34.1	33.7	34.7		32.8	30.9
LD21-5253		33.4	32.8	33.2		31.9	28.9
LD21-5547		34.5	34.4	33.4		32.3	30.2
LD21-5665		34.0	33.7	33.1		32.6	30.9
LD21-7234		33.7	34.5	34.1		33.4	31.1
LD21-7458		34.5	34.3	35.2		33.6	32.3
LG19-4084		32.3	33.3	33.3		31.7	31.5
LG21-2513		33.1	33.3	32.4		31.3	30.2
LG21-2680		34.9	34.9	33.0		32.6	31.8
LG21-2735		34.3	33.4	33.2		33.1	32.5
LG21-2736		34.4	34.3	33.9		34.0	33.5
LG21-2809		34.5	34.0	33.1		31.9	32.3
SA19-10687		33.2	32.9	33.0		31.2	30.8
SA21-4164		33.8	34.1	34.4		32.5	32.5
U19-053145		32.6	33.0	33.6		30.9	31.5
U19-274107		32.8	33.9	33.2		32.1	31.1
U20-306320		32.5	33.9	32.9		32.5	31.1
U20-307318		32.5	34.0	31.3		30.5	30.8
U20-914165		33.3	33.2	33.3		32.2	29.1
U21-916129		31.9	32.8	35.2		32.4	31.7
U21-930119		33.7	33.2	32.8		31.7	30.7
U21-930134		32.3	32.6	32.6		32.0	31.1
U21-933088		32.9	33.3	33.5		32.5	29.2

UNIFORM TEST III, 2025

OIL (%)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL	Butler- ville IN
U19-604203 (III)	19.8	20.1	19.7	20.6	20.0	20.2	
U14-910097 (SCN) (E)	20.2	19.9	19.6	20.2	20.1	20.8	
LD18-6596	19.5	19.4	19.6	19.8	19.9	20.0	
LD07-3395bf (SCN) (L)	20.3	20.3	20.0	20.7	19.9	20.3	
A17102-209	19.9	19.4	19.6	20.4	20.0	20.5	
A17112-133	20.1	19.6	19.4	20.7	20.2	20.4	
A17112-226	20.3	20.1	19.7	20.8	20.3	20.4	
A17204-16	20.2	20.0	19.5	20.8	20.0	20.4	
A18361-172	18.1	17.6	17.9	19.4	18.0	18.7	
CR20-5340	20.0	19.5	19.6	20.6	20.5	21.3	
CR21-01610	19.3	19.3	19.3	20.0	19.5	19.7	
CR21-01659	19.8	19.5	19.7	20.5	20.3	20.4	
CR21-01765	19.0	18.8	18.5	19.7	19.3	19.3	
CR21-02230	19.4	19.3	19.3	20.1	19.7	19.7	
LD20-11665	19.9	20.2	19.8	20.6	19.9	20.3	
LD21-1222	18.9	18.6	18.6	19.3	19.0	19.4	
LD21-2688	20.2	20.6	20.2	20.5	20.6	20.4	
LD21-3090	19.0	19.5	18.7	19.6	19.2	19.0	
LD21-5253	19.9	20.2	19.6	20.5	19.6	20.2	
LD21-5547	19.2	18.9	18.7	19.9	19.6	19.4	
LD21-5665	19.9	19.5	19.9	20.5	20.1	20.5	
LD21-7234	19.4	18.8	18.9	19.9	19.8	19.9	
LD21-7458	19.2	19.1	18.9	19.9	19.3	19.6	
LG19-4084	20.0	19.7	19.3	20.3	20.7	20.3	
LG21-2513	19.7	19.7	19.5	20.2	19.7	19.7	
LG21-2680	20.0	19.7	19.5	20.5	20.6	20.4	
LG21-2735	18.9	18.3	18.6	19.4	19.4	19.4	
LG21-2736	18.4	17.5	18.3	19.3	18.5	19.0	
LG21-2809	18.5	18.2	17.8	19.6	19.0	19.0	
SA19-10687	19.9	20.4	19.6	19.8	19.8	20.1	
SA21-4164	19.4	19.3	18.8	20.0	19.9	19.8	
U19-053145	19.7	19.5	19.3	19.9	19.9	20.3	
U19-274107	20.1	19.8	20.2	20.4	20.7	20.5	
U20-306320	20.1	19.9	19.3	20.3	20.1	20.8	
U20-307318	20.4	20.0	19.9	20.8	20.6	21.2	
U20-914165	20.0	19.2	19.4	20.7	20.5	20.4	
U21-916129	19.7	19.4	19.9	20.6	20.1	20.2	
U21-930119	19.9	19.6	19.6	20.3	20.3	20.6	
U21-930134	19.7	19.5	19.9	20.3	19.9	20.8	
U21-933088	19.7	20.2	20.0	20.3	19.4	19.9	

UNIFORM TEST III, 2025

OIL (%)

Strain	Wanatah IN	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)		19.1	19.6	19.7		19.0	20.1
U14-910097 (SCN) (E)		19.6	20.3	20.3		20.1	20.8
LD18-6596		18.8	19.5	19.6		18.9	19.8
LD07-3395bf (SCN) (L)		19.7	20.6	20.6		20.4	21.0
A17102-209		19.5	20.2	19.4		19.4	20.2
A17112-133		20.1	20.1	20.2		19.9	20.4
A17112-226		19.8	20.6	20.7		20.2	20.7
A17204-16		19.7	20.7	20.2		20.0	20.5
A18361-172		17.4	17.5	18.0		17.6	18.4
CR20-5340		19.8	20.2	19.4		19.4	20.1
CR21-01610		19.3	19.3	18.7		18.5	19.5
CR21-01659		19.0	20.3	19.9		19.4	19.5
CR21-01765		18.4	18.6	19.1		18.7	19.3
CR21-02230		18.6	19.7	19.3		19.3	19.4
LD20-11665		19.3	20.4	19.4		20.1	19.6
LD21-1222		18.1	19.1	19.2		18.6	19.6
LD21-2688		19.9	20.5	20.5		19.1	19.9
LD21-3090		18.5	19.6	17.5		18.7	19.7
LD21-5253		19.3	20.3	19.2		19.2	20.9
LD21-5547		18.3	19.2	19.2		18.8	19.7
LD21-5665		19.7	19.9	19.7		19.5	20.3
LD21-7234		19.4	19.5	19.2		18.8	19.4
LD21-7458		18.8	19.3	19.2		18.5	19.2
LG19-4084		19.6	20.1	19.9		20.1	20.2
LG21-2513		19.2	19.7	19.7		19.5	20.2
LG21-2680		19.1	19.8	20.3		19.9	19.8
LG21-2735		18.3	19.3	18.9		18.5	18.4
LG21-2736		18.0	18.8	18.9		17.8	18.0
LG21-2809		17.6	18.6	18.5		18.6	17.9
SA19-10687		19.3	19.8	20.3		19.8	19.8
SA21-4164		19.0	19.7	18.9		19.2	19.0
U19-053145		19.3	19.7	20.0		19.9	19.6
U19-274107		19.7	19.8	20.1		19.8	20.2
U20-306320		20.0	20.1	20.2		19.5	20.3
U20-307318		20.4	19.8	20.8		20.3	20.5
U20-914165		19.3	20.1	19.9		19.3	20.7
U21-916129		20.0	20.5	17.2		19.6	19.4
U21-930119		19.2	20.3	19.3		19.4	20.0
U21-930134		19.3	19.9	19.2		19.0	19.3
U21-933088		19.2	20.0	19.1		18.8	20.4

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**Northern Regional Uniform Test
Preliminary Test IIIA, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	U19-604203 (III)	U14-910097	LD11-2170	Graef		F5	Rps1k, SCN
2	U14-910097 (SCN) (E)	U09-105007	LD07-3419	Graef		F6	SCN (HR, HR)
3	LD18-6596	U11-616086	LD11-2170	Monteverde		F5	SCN, Rps1k
4	LD07-3395bf (SCN) (L)	LD07-3395 Reselection		Monteverde		F5	SCN
5	A19106-75Y	A14004-126	U14-910097	Singh	Initial	F5	
6	A19115-51	U14-910097	LD15-5782791	Singh	Initial	F5	
7	A19115-173	U14-910097	LD15-5782791	Singh	Initial	F5	
8	A19203-209Y	U14-910097 / AR17-279003	A14004-126	Singh	Initial	F5	
9	A19204-54	U14-910097 / AR17-279003	A14004-58	Singh	Initial	F5	
10	A19204-242	U14-910097 / AR17-279003	A14004-58	Singh	Initial	F5	
11	A19206-218Y	A14011-77	U14-925152 / AR17-279010	Singh	Initial	F5	
12	A19207-218Y	A14001-32	U14-925152 / AR17-279010	Singh	Initial	F5	
13	A19347-162Y	A14001-32	U15-917133	Singh	Initial	F5	
14	A19351-171Y	A14004-126	U14-910097	Singh	Initial	F5	
15	A19401-197Y	A14004-126	SA15-64249	Singh	Initial	F5	
16	A19703-219	A14004-58	R13-12552 / R10-2436	Singh	Initial	F5	
17	CR22-01002			Rainey	Initial		
18	CR22-01191			Rainey	Initial		
19	CR22-01202			Rainey	Initial		
20	CR22-02002			Rainey	Initial		
21	CR22-02087			Rainey	Initial		
22	CR22-02695			Rainey	Initial		
23	CR22-02986			Rainey	Initial		
24	CR22-03330			Rainey	Initial		
25	CR22-05124			Rainey	Initial		
26	CR22-05145			Rainey	Initial		
27	CR22-05590			Rainey	Initial		
28	LD22-10623	20506067GDM	LD11-2170	Monteverde	Initial	F5	SCN
29	LD22-10787	20506078GDM	LD11-2170	Monteverde	Initial	F5	SCN
30	LD22-10993	LD15-5776793	LD15-8459	Monteverde	Initial	F5	SCN, soja
31	LD22-1645	LD16-7669	LD11-2170	Monteverde	Initial	F5	SCN
32	LD22-1697	LD16-7669	LD15-5776793	Monteverde	Initial	F5	SCN
33	LD22-2131	U15-606207	LD15-3818	Monteverde	Initial	F5	SCN
34	LD22-2604	LD15-1628	LD15-3818	Monteverde	Initial	F5	SCN
35	LD22-5162	LD15-3818	LD11-2170	Monteverde	Initial	F5	SCN
36	LD22-9564	U14-925152	LD15-5782791	Monteverde	Initial	F5	SCN
37	LD22-9909	LD11-2170	LD15-8459	Monteverde	Initial	F5	SCN, soja
38	ORC 138-7	OAC Bruton	LG14-13101	Eskandari	Initial	F4	Conv/SCN/Foodgrade
39	ORC 141-17	OAC Bruton	LG15-4075	Eskandari	Initial	F4	Conv/SCN/Foodgrade
40	ORC 8024	OAC Bruton	LD07-3419	Eskandari	Initial	F4	Conv/SCN/Foodgrade

PRELIMINARY TEST IIIA, 2025
DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
U19-604203 (III)	PLtBDYBrI
U14-910097 (SCN) (E)	PGTDYBfI
LD18-6596	WLtBDYYI
LD07-3395bf (SCN) (L)	WGTDYBfI
A19106-75Y	PGB+TDYHI
A19115-51	PGBDYBfI
A19115-173	PGTDYHI
A19203-209Y	WGB+TSYYI
A19204-54	PGBDYBfI
A19204-242	PLtBDYBrI
A19206-218Y	WGBDYI
A19207-218Y	PGBSYBfI
A19347-162Y	PLt+GBSYYI
A19351-171Y	PLt+GBSYYI
A19401-197Y	PGTDYBfI
A19703-219	WGTDYBfI
CR22-01002	PLtBDYBrI
CR22-01191	WT+LtTSYBI
CR22-01202	PLtBDYBrI
CR22-02002	PLtBDYBrI
CR22-02087	WTTSYBI
CR22-02695	WLtTDYBI
CR22-02986	WLtTDYBI
CR22-03330	PLtBDYHI
CR22-05124	P+WLtTSYBI
CR22-05145	WTTDYBI
CR22-05590	WLtBSYBI
LD22-10623	PLtBDYBrI
LD22-10787	PLtBDYHI
LD22-10993	PLtTDYBI
LD22-1645	PLtBSYBrI
LD22-1697	PLtBDYBI
LD22-2131	PLtTDYHI
LD22-2604	PLtBDYBrI
LD22-5162	PLtBDYBrI
LD22-9564	PGBDYIbI
LD22-9909	PLtBDYBrI
ORC 138-7	PTB+TDYBI
ORC 141-17	PGBDYBfI
ORC 8024	WGBSYYI

PRELIMINARY TEST IIIA, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	11 bu/a	11 No.	8 Date	9 Score	9 In.	10 g/100	10 Score	Protein 10 %	Oil 10 %
U19-604203 (III)	71.7	10	9/23	2.2	36	12.8	1.5	32.9	19.9
U14-910097 (SCN) (E)	71.1	14	-2.8	2.3	36	12.4	1.4	32.7	20.1
LD18-6596	73.5	2	0.5	1.7	35	13.3	1.3	32.8	19.5
LD07-3395bf (SCN) (L)	68.7	27	1.6	1.7	35	13.2	1.3	31.5	20.4
A19106-75Y	69.0	24	-3.9	1.6	36	13.9	1.5	32.9	20.3
A19115-51	69.3	21	-0.6	2.7	35	14.8	1.4	33.6	19.8
A19115-173	69.3	22	-2.1	2.1	35	13.5	1.3	32.2	20.3
A19203-209Y	68.4	29	-3.8	1.6	34	14.2	1.3	32.0	21.0
A19204-54	69.7	17	-5.1	1.6	32	13.6	1.5	33.2	19.3
A19204-242	72.4	6	-3.1	2.0	38	13.0	1.5	33.6	19.0
A19206-218Y	70.0	16	0.4	1.9	39	14.3	1.3	32.9	19.9
A19207-218Y	74.3	1	-3.3	1.2	32	13.7	1.2	32.8	19.9
A19347-162Y	66.4	33	0.1	2.6	40	13.1	1.4	33.8	19.4
A19351-171Y	69.4	20	-0.9	2.2	36	12.7	1.4	33.4	20.3
A19401-197Y	66.4	34	-0.1	1.5	36	11.4	1.3	33.7	19.6
A19703-219	73.1	3	-1.1	1.5	36	13.7	1.3	33.7	19.1
CR22-01002	69.5	18	-3.0	1.5	35	13.2	1.3	33.3	19.9
CR22-01191	64.3	37	-3.0	2.1	37	14.5	1.3	33.3	19.5
CR22-01202	69.0	24	-2.6	1.7	35	13.5	1.3	33.6	19.9
CR22-02002	69.4	19	-2.6	1.4	36	13.3	1.3	33.4	20.0
CR22-02087	65.1	36	-3.4	2.4	38	13.7	1.3	33.9	19.4
CR22-02695	68.2	30	-2.3	1.3	33	13.3	1.4	32.2	19.5
CR22-02986	69.2	23	-2.8	1.4	35	13.3	1.2	32.2	19.5
CR22-03330	70.3	15	-2.2	1.8	35	15.4	1.4	32.0	19.9
CR22-05124	68.1	31	-1.3	1.8	37	14.1	1.3	33.5	19.6
CR22-05145	66.5	32	-0.4	1.7	39	12.2	1.3	33.2	19.7
CR22-05590	65.2	35	-1.0	2.0	38	14.1	1.6	33.2	19.4
LD22-10623	71.3	12	-2.0	1.5	36	13.9	1.3	32.8	20.1
LD22-10787	71.3	11	-2.8	1.8	36	15.9	1.4	32.9	19.8
LD22-10993	71.2	13	-0.9	1.3	35	14.4	1.4	32.1	20.3
LD22-1645	68.9	26	0.0	1.7	38	12.9	1.3	32.8	20.0
LD22-1697	72.2	7	0.4	1.8	36	13.3	1.5	33.2	19.7
LD22-2131	73.1	5	1.1	2.0	39	13.3	1.4	32.9	19.3
LD22-2604	71.7	8	-1.3	1.9	35	13.1	1.4	35.1	19.0
LD22-5162	73.1	4	-0.6	1.7	36	13.5	1.4	33.4	19.1
LD22-9564	71.7	8	-2.3	1.8	37	12.0	1.3	33.1	19.8
LD22-9909	68.6	28	-1.1	1.7	37	12.6	1.4	33.2	20.0
ORC 138-7	57.6	40	-2.6	2.0	38	15.4	1.6	34.5	19.6
ORC 141-17	64.3	37	-3.9	2.3	39	15.1	1.5	32.6	19.8
ORC 8024	60.6	39	-6.3	2.4	34	15.7	1.4	32.5	20.8
Mean	69.1			1.8	36.1	13.6	1.4	33.1	19.8
C.V. (%)	8.3								
L.S.D. (5%)	3.4								

127.4 Days After Planting

PRELIMINARY TEST IIIA, 2025

YIELD (bu/a)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	71.7	67.6	76.4	55.8	68.5	56.6
U14-910097 (SCN) (E)	71.1	64.4	74.4	57.6	72.0	64.4
LD18-6596	73.5	68.7	70.8	63.2	80.9	55.6
LD07-3395bf (SCN) (L)	68.7	64.9	67.1	49.0	74.6	63.9
A19106-75Y	69.0	55.7	71.4	57.2	70.5	59.1
A19115-51	69.3	54.0	72.6	45.2	68.0	60.7
A19115-173	69.3	68.5	70.3	61.3	66.2	53.6
A19203-209Y	68.4	69.9	62.3	61.0	64.1	54.5
A19204-54	69.7	68.0	69.9	58.4	71.6	60.7
A19204-242	72.4	79.7	73.2	56.2	70.0	59.8
A19206-218Y	70.0	71.1	71.0	63.5	72.1	66.1
A19207-218Y	74.3	68.3	73.0	60.2	66.4	69.4
A19347-162Y	66.4	71.1	66.9	53.8	66.9	57.6
A19351-171Y	69.4	60.1	62.0	57.3	75.3	53.9
A19401-197Y	66.4	62.7	65.5	54.3	63.7	52.4
A19703-219	73.1	73.9	72.1	55.6	71.2	55.7
CR22-01002	69.5	56.8	73.2	53.6	71.2	60.9
CR22-01191	64.3	61.0	69.6	50.5	64.8	60.3
CR22-01202	69.0	66.0	66.0	55.5	71.2	58.5
CR22-02002	69.4	67.6	76.2	50.2	70.5	63.3
CR22-02087	65.1	65.0	66.4	51.5	66.2	52.0
CR22-02695	68.2	51.4	69.3	58.3	67.3	58.8
CR22-02986	69.2	65.6	77.4	52.3	66.4	63.4
CR22-03330	70.3	73.5	73.1	58.9	68.6	63.6
CR22-05124	68.1	62.1	71.1	58.5	64.4	56.6
CR22-05145	66.5	59.0	73.9	53.0	66.3	60.3
CR22-05590	65.2	65.6	67.7	54.3	67.9	66.6
LD22-10623	71.3	70.2	74.6	52.5	72.4	53.8
LD22-10787	71.3	71.6	79.8	48.4	73.4	65.1
LD22-10993	71.2	65.6	76.4	60.3	70.8	58.6
LD22-1645	68.9	55.3	68.3	52.0	73.6	62.7
LD22-1697	72.2	61.7	69.5	57.9	71.1	56.4
LD22-2131	73.1	50.1	77.2	57.5	73.9	63.1
LD22-2604	71.7	77.1	76.2	57.5	70.7	47.2
LD22-5162	73.1	67.4	76.4	54.9	74.8	67.1
LD22-9564	71.7	69.2	71.8	57.7	72.6	58.5
LD22-9909	68.6	46.2	65.7	58.3	66.8	67.1
ORC 138-7	57.6	60.0	58.9	50.2	65.5	50.9
ORC 141-17	64.3	59.9	62.7	51.6	59.1	56.3
ORC 8024	60.6	52.7	57.4	53.5	57.5	64.2
Location Mean		64.2	70.4	55.5	69.2	59.5
C.V. (%)		9.7	8.4	12.4	7.0	8.5
L.S.D. (5%)		12.6	12.0	14.0	9.7	10.2
Row Sp. (In.)		30	30	30	30	30
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	2

PRELIMINARY TEST IIIA, 2025

YIELD (bu/a)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	83.0	80.9	87.2	74.3	91.1	47.8
U14-910097 (SCN) (E)	84.0	75.9	77.9	75.8	89.3	46.1
LD18-6596	82.7	84.0	85.6	85.7	84.1	47.2
LD07-3395bf (SCN) (L)	81.8	80.1	73.7	80.7	83.3	36.8
A19106-75Y	81.8	82.2	76.5	86.7	79.2	40.2
A19115-51	88.1	79.6	74.8	90.2	89.3	40.4
A19115-173	85.1	80.5	74.0	75.3	88.4	39.1
A19203-209Y	87.7	75.7	78.5	77.0	89.8	32.0
A19204-54	79.3	78.8	77.0	80.8	82.8	39.7
A19204-242	87.6	76.8	82.1	75.9	89.9	45.2
A19206-218Y	80.4	78.4	67.9	79.9	80.3	39.6
A19207-218Y	85.1	92.0	85.1	86.2	89.8	42.0
A19347-162Y	80.0	64.7	77.0	69.4	82.1	41.4
A19351-171Y	84.6	72.4	83.5	88.8	85.9	39.2
A19401-197Y	82.1	70.8	70.7	82.6	84.2	41.8
A19703-219	84.3	87.5	91.4	78.6	90.0	45.0
CR22-01002	89.8	83.0	84.5	73.4	81.1	37.5
CR22-01191	75.2	77.5	75.8	64.4	73.4	35.1
CR22-01202	82.1	80.3	72.2	80.6	80.7	45.6
CR22-02002	80.2	73.9	80.8	80.4	78.0	42.8
CR22-02087	80.9	74.0	75.9	63.2	83.3	38.6
CR22-02695	77.9	79.5	78.6	82.2	83.1	44.2
CR22-02986	79.9	78.2	71.3	83.1	82.9	41.0
CR22-03330	82.6	76.6	83.7	78.4	81.8	32.4
CR22-05124	78.9	77.7	79.0	78.1	80.7	42.6
CR22-05145	82.1	73.7	79.3	69.3	82.5	33.3
CR22-05590	80.0	64.8	67.8	67.9	75.3	40.0
LD22-10623	81.3	79.7	76.5	87.2	88.1	48.0
LD22-10787	86.4	80.9	71.8	81.1	83.1	43.2
LD22-10993	84.3	82.4	84.5	71.6	88.1	41.6
LD22-1645	78.2	80.9	75.3	80.5	85.2	45.9
LD22-1697	84.4	83.5	85.7	87.8	87.1	49.2
LD22-2131	90.8	85.2	93.2	81.3	84.2	47.4
LD22-2604	89.8	76.2	80.9	78.6	88.2	46.8
LD22-5162	89.6	85.1	80.8	78.5	87.1	42.2
LD22-9564	86.6	81.8	89.3	81.6	80.9	39.2
LD22-9909	86.7	74.9	82.7	90.7	76.7	39.1
ORC 138-7	75.2	56.3	58.9	55.3	63.3	39.3
ORC 141-17	81.5	69.3	77.8	74.7	76.7	37.8
ORC 8024	83.9	64.1	64.6	64.3	63.0	41.7
Location Mean	83.1	77.5	78.3	78.0	82.9	41.4
C.V. (%)	4.9	9.3	9.6	6.8	5.6	10.7
L.S.D. (5%)	8.2	14.5	15.2	10.7	9.4	9.0
Row Sp. (In.)	30	30	30	30	30	8
Rows/Plot	4	4	4	4	4	8
Reps	2	2	2	2	2	2

PRELIMINARY TEST IIIA, 2025

YIELD RANK

Strain	Mean 11 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	10	15	6	20	23	28
U14-910097 (SCN) (E)	14	24	10	14	11	7
LD18-6596	2	11	22	2	1	32
LD07-3395bf (SCN) (L)	27	23	30	38	4	9
A19106-75Y	24	34	19	18	19	21
A19115-51	21	36	16	40	24	16
A19115-173	22	12	23	3	32	36
A19203-209Y	29	9	37	4	37	33
A19204-54	17	14	24	9	12	17
A19204-242	6	1	12	19	21	20
A19206-218Y	16	6	21	1	10	5
A19207-218Y	1	13	15	6	29	1
A19347-162Y	33	7	31	26	27	26
A19351-171Y	20	29	38	17	2	34
A19401-197Y	34	25	35	25	38	37
A19703-219	3	3	17	21	15	31
CR22-01002	18	33	13	27	13	15
CR22-01191	37	28	25	35	35	18
CR22-01202	24	18	33	22	13	24
CR22-02002	19	16	8	37	19	12
CR22-02087	36	22	32	34	33	38
CR22-02695	30	38	27	10	26	22
CR22-02986	23	21	2	31	29	11
CR22-03330	15	4	14	7	22	10
CR22-05124	31	26	20	8	36	27
CR22-05145	32	32	11	29	31	19
CR22-05590	35	20	29	24	25	4
LD22-10623	12	8	9	30	9	35
LD22-10787	11	5	1	39	7	6
LD22-10993	13	19	5	5	17	23
LD22-1645	26	35	28	32	6	14
LD22-1697	7	27	26	12	16	29
LD22-2131	5	39	3	16	5	13
LD22-2604	8	2	7	15	18	40
LD22-5162	4	17	4	23	3	3
LD22-9564	8	10	18	13	8	25
LD22-9909	28	40	34	11	28	2
ORC 138-7	40	30	39	36	34	39
ORC 141-17	37	31	36	33	39	30
ORC 8024	39	37	40	28	40	8

PRELIMINARY TEST IIIA, 2025

YIELD RANK

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	19	11	4	31	1	3
U14-910097 (SCN) (E)	17	28	21	28	6	7
LD18-6596	20	5	6	8	18	5
LD07-3395bf (SCN) (L)	25	16	32	16	19	36
A19106-75Y	26	9	25	6	33	24
A19115-51	5	18	30	2	7	23
A19115-173	11	14	31	29	8	31
A19203-209Y	6	29	20	26	5	40
A19204-54	35	20	23	15	24	26
A19204-242	7	25	13	27	3	10
A19206-218Y	30	21	37	20	32	27
A19207-218Y	11	1	7	7	4	17
A19347-162Y	32	38	23	34	26	21
A19351-171Y	13	34	11	3	14	29
A19401-197Y	23	35	36	10	16	18
A19703-219	15	2	2	22	2	11
CR22-01002	3	7	9	32	28	35
CR22-01191	39	24	28	37	38	37
CR22-01202	22	15	33	17	30	9
CR22-02002	31	32	15	19	34	14
CR22-02087	29	31	27	39	20	33
CR22-02695	38	19	19	11	22	12
CR22-02986	34	22	35	9	23	22
CR22-03330	21	26	10	24	27	39
CR22-05124	36	23	18	25	31	15
CR22-05145	23	33	17	35	25	38
CR22-05590	33	37	38	36	37	25
LD22-10623	28	17	25	5	10	2
LD22-10787	10	11	34	14	21	13
LD22-10993	16	8	8	33	11	20
LD22-1645	37	11	29	18	15	8
LD22-1697	14	6	5	4	12	1
LD22-2131	1	3	1	13	17	4
LD22-2604	2	27	14	21	9	6
LD22-5162	4	4	16	23	12	16
LD22-9564	9	10	3	12	29	30
LD22-9909	8	30	12	1	35	32
ORC 138-7	39	40	40	40	39	28
ORC 141-17	27	36	22	30	35	34
ORC 8024	18	39	39	38	40	19

PRELIMINARY TEST IIIA, 2025

MATURITY (date)

Strain	Mean 8 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	9/23		9/19		9/22	9/22
U14-910097 (SCN) (E)	-3		-3		-4	-3
LD18-6596	1		1		1	1
LD07-3395bf (SCN) (L)	2		1		3	4
A19106-75Y	-4		-2		-4	-5
A19115-51	-1		1		-3	-1
A19115-173	-2		-1		-4	-1
A19203-209Y	-4		-2		-4	-5
A19204-54	-5		-2		-4	-6
A19204-242	-3		-1		-2	-5
A19206-218Y	0		1		2	2
A19207-218Y	-3		-2		-4	-2
A19347-162Y	0		2		-1	-1
A19351-171Y	-1		-1		-1	-1
A19401-197Y	-0		-1		2	2
A19703-219	-1		-1		-2	-3
CR22-01002	-3		-2		-4	-4
CR22-01191	-3		-3		-4	-2
CR22-01202	-3		-2		-4	-4
CR22-02002	-3		-1		-4	-2
CR22-02087	-3		-2		-5	-7
CR22-02695	-2		-2		-4	-2
CR22-02986	-3		-2		-4	-3
CR22-03330	-2		-3		-3	-4
CR22-05124	-1		0		-3	-3
CR22-05145	-0		1		-1	2
CR22-05590	-1		-1		-2	-1
LD22-10623	-2		-1		-3	-1
LD22-10787	-3		-2		-3	-4
LD22-10993	-1		-1		-2	-2
LD22-1645	0		1		1	0
LD22-1697	0		1		1	1
LD22-2131	1		0		2	2
LD22-2604	-1		6		-3	-3
LD22-5162	-1		0		-3	-1
LD22-9564	-2		-2		-4	-2
LD22-9909	-1		-2		-4	0
ORC 138-7	-3		-4		-2	-4
ORC 141-17	-4		-3		-5	-7
ORC 8024	-6		-4		-6	-8
Date Planted	5/19	5/12	5/6	5/9	5/19	5/19
Days to Mature	127		136		126	126

PRELIMINARY TEST IIIA, 2025

MATURITY (date)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	9/24	9/19	9/30	9/26		9/26
U14-910097 (SCN) (E)	-6	-3	-4	1		0
LD18-6596	-2	1	1	3		-1
LD07-3395bf (SCN) (L)	-1	0	1	3		4
A19106-75Y	-8	-4	-6	-1		-2
A19115-51	-4	0	1	2		0
A19115-173	-6	-3	-3	1		0
A19203-209Y	-7	-5	-5	-1		-3
A19204-54	-9	-4	-6	-7		-3
A19204-242	-7	-3	-4	0		-3
A19206-218Y	-5	0	-1	2		3
A19207-218Y	-7	-4	-6	-1		-1
A19347-162Y	-3	0	1	2		1
A19351-171Y	-4	-2	-1	2		0
A19401-197Y	-1	-3	-3	2		2
A19703-219	-5	1	-3	2		1
CR22-01002	-7	-4	-3	-1		0
CR22-01191	-6	-3	-4	-4		0
CR22-01202	-6	0	-4	-2		-1
CR22-02002	-8	-3	-3	-1		-1
CR22-02087	-7	-3	-3	0		-1
CR22-02695	-4	-1	-6	-2		1
CR22-02986	-4	-3	-6	-3		0
CR22-03330	-6	0	-2	0		-1
CR22-05124	-2	0	-4	0		1
CR22-05145	-3	1	-3	-3		2
CR22-05590	-4	0	0	0		-1
LD22-10623	-6	-2	-3	-1		-1
LD22-10787	-5	-2	-6	-1		-1
LD22-10993	-4	0	-2	2		0
LD22-1645	-3	0	0	1		0
LD22-1697	-4	1	2	3		-1
LD22-2131	-3	0	1	4		3
LD22-2604	-4	-3	-2	-1		0
LD22-5162	-2	0	0	1		-1
LD22-9564	-6	-4	-3	3		0
LD22-9909	-3	0	-2	1		-1
ORC 138-7	-7	-1	-4	0		1
ORC 141-17	-9	-3	-4	-1		-1
ORC 8024	-9	-4	-6	-8		-5
Date Planted	5/10	5/13	5/30	5/22	5/31	6/3
Days to Mature	137	129	123	127		115

PRELIMINARY TEST IIIA, 2025

LODGING (score)

Strain	Mean 9 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	2.2	1.0	3.5		2.0	1.0
U14-910097 (SCN) (E)	2.3	2.0	3.5		2.0	1.0
LD18-6596	1.7	1.0	2.5		2.0	1.0
LD07-3395bf (SCN) (L)	1.7	1.0	1.5		2.0	1.0
A19106-75Y	1.6	1.0	3.0		2.0	1.0
A19115-51	2.7	3.0	3.5		2.0	1.0
A19115-173	2.1	1.0	4.0		2.0	1.0
A19203-209Y	1.6	1.0	3.0		1.0	1.0
A19204-54	1.6	1.0	1.5		2.0	1.0
A19204-242	2.0	1.0	1.5		2.0	1.3
A19206-218Y	1.9	1.0	2.0		2.0	1.3
A19207-218Y	1.2	1.0	1.0		1.5	1.0
A19347-162Y	2.6	1.0	3.5		2.0	1.5
A19351-171Y	2.2	1.5	4.0		2.0	1.3
A19401-197Y	1.5	1.0	1.5		2.0	1.3
A19703-219	1.5	1.5	1.5		1.0	1.0
CR22-01002	1.5	1.5	2.5		1.0	1.0
CR22-01191	2.1	1.0	3.0		2.0	1.3
CR22-01202	1.7	1.0	2.5		1.5	1.0
CR22-02002	1.4	1.0	1.5		1.5	1.0
CR22-02087	2.4	1.0	4.0		2.0	1.0
CR22-02695	1.3	1.0	1.5		1.5	1.0
CR22-02986	1.4	1.0	2.0		1.5	1.0
CR22-03330	1.8	1.0	3.0		2.0	1.0
CR22-05124	1.8	1.0	2.5		2.0	1.0
CR22-05145	1.7	1.0	2.0		2.0	1.3
CR22-05590	2.0	1.0	2.0		2.0	1.3
LD22-10623	1.5	1.0	1.5		1.0	1.0
LD22-10787	1.8	1.0	1.5		2.0	1.3
LD22-10993	1.3	1.0	1.5		1.0	1.0
LD22-1645	1.7	1.0	2.5		1.5	1.0
LD22-1697	1.8	1.0	1.0		1.5	1.0
LD22-2131	2.0	2.0	1.5		1.5	1.3
LD22-2604	1.9	1.0	2.5		1.5	1.0
LD22-5162	1.7	1.0	2.0		2.0	1.0
LD22-9564	1.8	1.0	2.5		1.5	1.3
LD22-9909	1.7	1.0	2.0		1.5	1.3
ORC 138-7	2.0	1.0	3.5		1.5	1.3
ORC 141-17	2.3	3.0	3.5		1.5	1.0
ORC 8024	2.4	1.0	5.0		2.0	2.0

PRELIMINARY TEST IIIA, 2025

LODGING (score)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	2.5	2.5	3.5	3.0		1.0
U14-910097 (SCN) (E)	2.5	2.0	3.0	3.5		1.0
LD18-6596	1.5	2.0	2.0	2.0		1.0
LD07-3395bf (SCN) (L)	1.0	2.5	3.5	2.0		1.0
A19106-75Y	1.0	1.5	1.5	2.0		1.0
A19115-51	3.0	3.0	4.0	3.5		1.0
A19115-173	1.0	2.5	2.5	4.0		1.0
A19203-209Y	1.0	1.5	3.0	2.0		1.0
A19204-54	1.5	1.5	2.0	2.5		1.0
A19204-242	2.0	3.0	3.0	3.0		1.0
A19206-218Y	2.0	2.0	3.0	2.5		1.0
A19207-218Y	1.5	1.5	1.5	1.0		1.0
A19347-162Y	3.0	4.0	3.5	4.0		1.0
A19351-171Y	2.0	2.0	3.0	3.0		1.0
A19401-197Y	1.0	2.0	2.0	1.5		1.0
A19703-219	1.0	2.0	2.5	2.0		1.0
CR22-01002	1.0	2.0	2.5	1.0		1.0
CR22-01191	2.0	3.0	3.5	2.5		1.0
CR22-01202	1.0	2.0	3.5	2.0		1.0
CR22-02002	1.0	1.5	3.0	1.0		1.0
CR22-02087	2.0	3.0	4.0	3.5		1.0
CR22-02695	1.0	2.0	1.0	1.5		1.0
CR22-02986	1.0	1.5	1.5	2.0		1.0
CR22-03330	1.0	2.5	2.5	2.5		1.0
CR22-05124	2.0	2.0	2.5	2.5		1.0
CR22-05145	1.0	2.0	3.0	2.0		1.0
CR22-05590	2.0	2.5	3.5	3.0		1.0
LD22-10623	1.5	2.0	2.5	2.0		1.0
LD22-10787	2.0	2.0	3.0	2.0		1.0
LD22-10993	1.0	2.0	2.0	1.5		1.0
LD22-1645	1.0	2.0	3.0	2.0		1.0
LD22-1697	2.0	2.0	3.5	3.0		1.0
LD22-2131	1.5	2.0	3.5	3.5		1.0
LD22-2604	2.0	2.5	2.5	3.0		1.0
LD22-5162	1.5	2.0	3.0	1.5		1.0
LD22-9564	1.5	2.0	2.5	3.0		1.0
LD22-9909	2.0	2.0	2.0	2.5		1.0
ORC 138-7	1.5	1.5	3.5	3.0		1.0
ORC 141-17	1.5	2.0	3.5	4.0		1.0
ORC 8024	1.0	2.0	3.5	4.5		1.0

PRELIMINARY TEST IIIA, 2025

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	36	37	42		36	32
U14-910097 (SCN) (E)	36	39	39		35	32
LD18-6596	35	37	40		36	31
LD07-3395bf (SCN) (L)	35	37	38		35	32
A19106-75Y	36	37	38		36	34
A19115-51	35	36	38		34	33
A19115-173	35	39	38		36	34
A19203-209Y	34	36	38		34	27
A19204-54	32	35	33		32	31
A19204-242	38	40	42		35	34
A19206-218Y	39	39	45		37	38
A19207-218Y	32	34	35		31	31
A19347-162Y	40	42	45		40	38
A19351-171Y	36	37	41		36	34
A19401-197Y	36	37	43		36	32
A19703-219	36	38	40		36	33
CR22-01002	35	36	36		33	34
CR22-01191	37	38	41		37	36
CR22-01202	35	36	39		34	32
CR22-02002	36	37	40		35	34
CR22-02087	38	38	43		39	35
CR22-02695	33	30	36		31	30
CR22-02986	35	33	40		33	32
CR22-03330	35	36	35		35	32
CR22-05124	37	36	42		35	35
CR22-05145	39	38	44		37	37
CR22-05590	38	40	41		37	36
LD22-10623	36	38	41		35	30
LD22-10787	36	38	40		35	34
LD22-10993	35	35	38		34	32
LD22-1645	38	36	43		37	36
LD22-1697	36	35	41		35	33
LD22-2131	39	36	47		37	36
LD22-2604	35	36	39		35	30
LD22-5162	36	36	40		37	35
LD22-9564	37	40	38		37	36
LD22-9909	37	36	38		37	38
ORC 138-7	38	37	43		39	36
ORC 141-17	39	38	41		38	38
ORC 8024	34	32	33		34	35

PRELIMINARY TEST IIIA, 2025

PLANT HEIGHT (inches)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	37	35	39	38		27
U14-910097 (SCN) (E)	37	34	42	37		27
LD18-6596	36	35	41	39		24
LD07-3395bf (SCN) (L)	36	36	40	39		24
A19106-75Y	36	35	42	39		27
A19115-51	38	36	40	39		26
A19115-173	37	33	40	36		24
A19203-209Y	35	34	41	37		22
A19204-54	31	30	39	36		25
A19204-242	39	36	46	41		27
A19206-218Y	39	40	47	41		27
A19207-218Y	34	31	38	36		22
A19347-162Y	43	37	40	44		29
A19351-171Y	38	34	42	38		27
A19401-197Y	38	37	39	41		26
A19703-219	37	35	43	39		27
CR22-01002	38	35	40	39		23
CR22-01191	40	37	44	39		26
CR22-01202	38	35	42	40		24
CR22-02002	37	35	39	40		26
CR22-02087	42	37	41	38		26
CR22-02695	35	35	41	37		23
CR22-02986	33	35	43	41		23
CR22-03330	36	35	40	39		25
CR22-05124	39	36	42	41		25
CR22-05145	39	41	44	42		28
CR22-05590	39	37	46	41		26
LD22-10623	38	36	40	38		26
LD22-10787	39	35	36	39		26
LD22-10993	37	34	40	38		25
LD22-1645	38	38	44	42		27
LD22-1697	41	36	40	40		28
LD22-2131	40	37	49	42		27
LD22-2604	35	34	45	39		26
LD22-5162	38	35	43	40		25
LD22-9564	38	38	43	40		26
LD22-9909	37	38	42	44		25
ORC 138-7	38	36	46	44		27
ORC 141-17	40	38	42	43		30
ORC 8024	36	34	41	37		26

PRELIMINARY TEST IIIA, 2025

SEED SIZE (g/100)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	12.8	12.0	12.5	12.1	12.4	12.3
U14-910097 (SCN) (E)	12.4	12.0	12.0	12.7	12.1	12.2
LD18-6596	13.3	13.5	13.5	13.5	13.1	12.5
LD07-3395bf (SCN) (L)	13.2	12.0	12.0	12.9	13.3	13.4
A19106-75Y	13.9	13.0	13.5	14.4	13.9	13.5
A19115-51	14.8	14.0	14.0	15.7	13.7	14.0
A19115-173	13.5	12.5	13.5	12.8	12.9	13.3
A19203-209Y	14.2	14.0	13.5	14.5	14.0	13.9
A19204-54	13.6	13.0	14.0	13.3	14.0	13.1
A19204-242	13.0	12.5	12.5	14.6	12.8	12.6
A19206-218Y	14.3	14.5	14.0	14.4	14.6	14.0
A19207-218Y	13.7	12.5	14.0	14.2	12.8	13.4
A19347-162Y	13.1	13.5	13.0	13.3	13.1	12.4
A19351-171Y	12.7	11.5	12.0	13.4	12.5	12.5
A19401-197Y	11.4	11.0	11.0	11.0	10.6	10.8
A19703-219	13.7	14.0	13.0	14.5	14.1	12.7
CR22-01002	13.2	13.0	13.5	12.9	12.7	12.4
CR22-01191	14.5	13.5	14.0	14.2	14.2	14.1
CR22-01202	13.5	13.5	13.0	13.7	13.2	13.0
CR22-02002	13.3	13.5	14.5	12.8	12.9	13.0
CR22-02087	13.7	13.5	14.0	13.4	14.1	13.0
CR22-02695	13.3	11.5	13.0	14.2	12.9	13.3
CR22-02986	13.3	12.0	13.5	13.5	13.0	13.2
CR22-03330	15.4	16.0	16.0	14.5	14.6	14.9
CR22-05124	14.1	13.5	14.0	14.0	13.1	12.7
CR22-05145	12.2	11.5	12.5	12.3	11.4	11.3
CR22-05590	14.1	14.0	14.0	14.0	13.5	14.2
LD22-10623	13.9	13.5	14.0	13.3	13.5	12.8
LD22-10787	15.9	16.0	17.0	15.9	15.6	15.4
LD22-10993	14.4	14.0	15.0	14.1	14.6	14.1
LD22-1645	12.9	13.5	13.0	12.8	12.4	12.4
LD22-1697	13.3	13.5	13.0	13.1	13.1	12.5
LD22-2131	13.3	14.0	13.0	12.6	12.7	12.8
LD22-2604	13.1	13.5	13.0	12.6	12.7	12.4
LD22-5162	13.5	13.5	13.5	13.6	13.1	13.1
LD22-9564	12.0	12.0	11.5	11.8	11.7	11.3
LD22-9909	12.6	12.5	12.5	11.8	11.7	12.5
ORC 138-7	15.4	15.0	15.5	14.3	16.1	14.6
ORC 141-17	15.1	14.5	15.0	15.9	14.6	14.5
ORC 8024	15.7	14.5	17.5	16.1	15.2	15.4

PRELIMINARY TEST IIIA, 2025

SEED SIZE (g/100)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	13.6	12.3	13.8		14.0	12.5
U14-910097 (SCN) (E)	13.5	11.6	12.3		13.7	12.2
LD18-6596	14.1	12.0	13.8		14.5	12.1
LD07-3395bf (SCN) (L)	14.2	12.6	14.5		14.3	13.2
A19106-75Y	16.1	12.8	13.4		15.4	13.0
A19115-51	16.3	13.9	15.1		16.1	15.1
A19115-173	14.7	12.5	14.0		14.6	13.9
A19203-209Y	16.0	13.7	14.2		15.5	13.1
A19204-54	14.9	12.3	13.1		14.9	12.9
A19204-242	14.2	12.5	12.4		13.7	12.6
A19206-218Y	15.2	12.8	13.6		15.8	14.2
A19207-218Y	14.8	13.3	13.6		14.8	13.5
A19347-162Y	14.2	11.5	12.7		14.5	12.8
A19351-171Y	13.9	11.7	13.0		13.8	12.4
A19401-197Y	12.5	9.8	13.3		12.5	11.1
A19703-219	14.7	13.3	13.8		14.2	13.0
CR22-01002	14.8	11.9	13.8		14.1	12.7
CR22-01191	16.0	14.1	14.7		15.7	14.1
CR22-01202	14.5	12.7	13.7		14.0	13.2
CR22-02002	14.1	12.2	13.3		14.1	12.8
CR22-02087	15.9	12.0	13.6		14.3	13.6
CR22-02695	14.2	12.6	13.8		14.4	12.8
CR22-02986	14.7	11.8	13.6		14.8	13.1
CR22-03330	16.5	13.8	15.1		17.9	14.6
CR22-05124	14.8	13.4	15.3		15.3	14.6
CR22-05145	12.7	11.8	13.1		13.5	11.7
CR22-05590	15.5	12.9	14.9		14.2	13.4
LD22-10623	15.2	13.9	14.0		15.4	13.5
LD22-10787	17.0	15.6	15.5		16.6	14.8
LD22-10993	15.6	12.7	14.4		15.5	14.1
LD22-1645	13.2	11.4	13.3		14.5	12.9
LD22-1697	14.1	13.1	13.9		13.1	13.9
LD22-2131	14.4	11.5	14.9		13.9	13.1
LD22-2604	14.1	11.1	13.9		14.2	13.0
LD22-5162	14.7	12.1	13.5		14.7	13.0
LD22-9564	12.2	11.3	13.5		12.2	12.2
LD22-9909	13.2	10.9	13.8		14.0	12.6
ORC 138-7	17.2	14.4	14.5		17.0	15.8
ORC 141-17	16.4	13.7	14.5		17.4	14.6
ORC 8024	16.7	16.3	16.4		15.1	14.0

PRELIMINARY TEST IIIA, 2025

SEED QUALITY (score)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	1.5	1.0	2.0	2.0	2.0	2.0
U14-910097 (SCN) (E)	1.4	1.0	1.5	2.0	2.0	2.0
LD18-6596	1.3	1.0	1.0	2.0	2.0	2.0
LD07-3395bf (SCN) (L)	1.3	1.0	1.0	2.0	2.0	2.0
A19106-75Y	1.5	1.0	2.0	2.0	2.0	3.0
A19115-51	1.4	1.0	1.5	2.0	2.0	2.0
A19115-173	1.3	1.0	1.0	2.0	2.0	2.0
A19203-209Y	1.3	1.0	1.0	2.0	2.0	2.0
A19204-54	1.5	1.0	1.5	2.0	2.0	2.0
A19204-242	1.5	1.0	2.5	2.0	2.5	2.0
A19206-218Y	1.3	1.0	1.0	2.0	2.0	2.0
A19207-218Y	1.2	1.0	1.0	2.0	2.0	1.0
A19347-162Y	1.4	1.0	2.0	2.0	2.0	2.0
A19351-171Y	1.4	1.5	1.5	2.0	2.0	2.0
A19401-197Y	1.3	1.0	1.0	2.0	2.0	2.0
A19703-219	1.3	1.0	2.0	1.0	2.0	2.0
CR22-01002	1.3	1.0	1.0	2.0	2.0	2.0
CR22-01191	1.3	1.0	1.0	2.0	2.0	2.0
CR22-01202	1.3	1.0	1.0	2.0	2.0	2.0
CR22-02002	1.3	1.0	1.0	2.0	2.0	2.0
CR22-02087	1.3	1.0	1.0	2.0	1.5	2.0
CR22-02695	1.4	1.0	1.5	2.0	2.0	2.0
CR22-02986	1.2	1.0	1.0	2.0	2.0	1.0
CR22-03330	1.4	1.0	1.0	2.0	2.0	2.0
CR22-05124	1.3	1.0	1.0	2.0	2.0	2.0
CR22-05145	1.3	1.0	1.0	2.0	2.0	2.0
CR22-05590	1.6	1.0	1.5	2.0	2.0	3.0
LD22-10623	1.3	1.0	1.5	1.0	2.0	2.0
LD22-10787	1.4	1.0	1.5	2.0	2.0	2.0
LD22-10993	1.4	1.0	2.0	2.0	2.0	2.0
LD22-1645	1.3	1.0	1.0	2.0	2.0	2.0
LD22-1697	1.5	2.0	2.0	2.0	2.0	2.0
LD22-2131	1.4	1.5	1.0	2.0	2.0	2.0
LD22-2604	1.4	1.0	1.5	2.0	2.0	2.0
LD22-5162	1.4	1.0	2.0	2.0	2.0	2.0
LD22-9564	1.3	1.0	1.0	2.0	2.0	2.0
LD22-9909	1.4	1.0	1.5	2.0	2.0	2.0
ORC 138-7	1.6	1.5	3.0	2.0	2.0	2.0
ORC 141-17	1.5	1.0	2.5	2.0	2.0	2.0
ORC 8024	1.4	1.0	1.5	2.0	2.0	2.0

PRELIMINARY TEST IIIA, 2025

SEED QUALITY (score)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)	1.0	1.0	1.0		1.0	2.0
U14-910097 (SCN) (E)	1.0	1.0	1.0		1.0	1.0
LD18-6596	1.0	1.0	1.0		1.0	1.0
LD07-3395bf (SCN) (L)	1.0	1.0	1.0		1.0	1.0
A19106-75Y	1.0	1.0	1.0		1.0	1.0
A19115-51	1.0	1.0	1.0		1.0	1.0
A19115-173	1.0	1.0	1.0		1.0	1.0
A19203-209Y	1.0	1.0	1.0		1.0	1.0
A19204-54	1.0	1.0	1.0		1.0	2.0
A19204-242	1.0	1.0	1.0		1.0	1.0
A19206-218Y	1.0	1.0	1.0		1.0	1.0
A19207-218Y	1.0	1.0	1.0		1.0	1.0
A19347-162Y	1.0	1.0	1.0		1.0	1.0
A19351-171Y	1.0	1.0	1.0		1.0	1.0
A19401-197Y	1.0	1.0	1.0		1.0	1.0
A19703-219	1.0	1.0	1.0		1.0	1.0
CR22-01002	1.0	1.0	1.0		1.0	1.0
CR22-01191	1.0	1.0	1.0		1.0	1.0
CR22-01202	1.0	1.0	1.0		1.0	1.0
CR22-02002	1.0	1.0	1.0		1.0	1.0
CR22-02087	1.0	1.0	1.0		1.0	1.0
CR22-02695	1.0	1.0	1.0		1.0	1.0
CR22-02986	1.0	1.0	1.0		1.0	1.0
CR22-03330	2.0	1.0	1.0		1.0	1.0
CR22-05124	1.0	1.0	1.0		1.0	1.0
CR22-05145	1.0	1.0	1.0		1.0	1.0
CR22-05590	2.0	1.0	1.0		1.0	1.0
LD22-10623	1.0	1.0	1.0		1.0	1.0
LD22-10787	1.0	1.0	1.0		1.0	1.0
LD22-10993	1.0	1.0	1.0		1.0	1.0
LD22-1645	1.0	1.0	1.0		1.0	1.0
LD22-1697	1.0	1.0	1.0		1.0	1.0
LD22-2131	1.0	1.0	1.0		1.0	1.0
LD22-2604	1.0	1.0	1.0		1.0	1.0
LD22-5162	1.0	1.0	1.0		1.0	1.0
LD22-9564	1.0	1.0	1.0		1.0	1.0
LD22-9909	1.0	1.0	1.0		1.0	1.0
ORC 138-7	1.5	1.0	1.0		1.0	1.0
ORC 141-17	1.0	1.0	1.0		1.0	1.0
ORC 8024	1.0	1.0	1.0		1.0	1.0

PRELIMINARY TEST IIIA, 2025

PROTEIN (%)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	32.9	32.2	34.1	32.1	32.4	32.7
U14-910097 (SCN) (E)	32.7	32.5	34.5	32.0	33.0	32.1
LD18-6596	32.8	31.9	33.9	32.7	33.1	32.0
LD07-3395bf (SCN) (L)	31.5	30.4	32.9	31.0	31.4	32.0
A19106-75Y	32.9	32.5	34.0	33.0	33.1	33.0
A19115-51	33.6	32.6	39.3	33.0	32.3	32.8
A19115-173	32.2	32.3	34.2	31.4	32.5	31.9
A19203-209Y	32.0	31.3	32.4	30.9	32.3	32.4
A19204-54	33.2	32.4	34.7	33.9	33.3	32.5
A19204-242	33.6	31.8	33.8	32.1	33.4	32.3
A19206-218Y	32.9	31.0	34.7	31.6	33.5	33.3
A19207-218Y	32.8	33.2	34.4	32.5	32.4	32.3
A19347-162Y	33.8	33.6	34.9	32.7	33.5	33.2
A19351-171Y	33.4	33.0	35.0	32.7	33.3	33.5
A19401-197Y	33.7	33.3	36.7	32.3	33.0	33.3
A19703-219	33.7	33.0	34.7	32.9	33.9	32.5
CR22-01002	33.3	33.6	34.0	32.2	32.7	32.6
CR22-01191	33.3	33.8	34.2	33.5	32.6	33.6
CR22-01202	33.6	33.3	34.8	32.3	33.8	33.4
CR22-02002	33.4	33.8	34.4	32.4	33.3	33.1
CR22-02087	33.9	35.0	34.0	32.6	33.1	33.2
CR22-02695	32.2	32.1	34.2	31.5	31.4	32.5
CR22-02986	32.2	31.8	33.5	31.8	31.5	32.1
CR22-03330	32.0	31.8	32.2	31.5	31.1	31.7
CR22-05124	33.5	33.5	35.2	31.8	33.1	32.1
CR22-05145	33.2	33.3	34.2	32.1	34.0	33.4
CR22-05590	33.2	33.2	33.8	32.3	33.1	33.4
LD22-10623	32.8	33.3	33.7	32.7	32.9	32.2
LD22-10787	32.9	32.8	34.3	31.9	32.8	32.4
LD22-10993	32.1	31.6	33.9	31.1	32.2	31.9
LD22-1645	32.8	33.0	32.5	31.9	33.0	32.8
LD22-1697	33.2	32.5	34.7	31.9	33.0	33.3
LD22-2131	32.9	33.0	34.5	31.5	32.8	32.7
LD22-2604	35.1	35.3	36.2	34.2	35.3	35.5
LD22-5162	33.4	32.4	34.7	32.8	34.1	33.5
LD22-9564	33.1	33.4	34.6	32.7	32.6	32.8
LD22-9909	33.2	32.9	34.3	32.2	33.0	34.1
ORC 138-7	34.5	34.2	35.2	33.4	34.3	33.8
ORC 141-17	32.6	32.8	32.8	32.8	32.0	31.4
ORC 8024	32.5	31.9	32.4	32.5	32.8	31.9

PRELIMINARY TEST IIIA, 2025

PROTEIN (%)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	32.6	34.4	33.2		33.3	32.5
U14-910097 (SCN) (E)	33.3	33.4	33.7		31.5	31.0
LD18-6596	34.8	33.7	32.3		32.4	31.6
LD07-3395bf (SCN) (L)	32.4	32.6	32.3		30.6	29.3
A19106-75Y	33.4	33.6	33.4		31.8	31.7
A19115-51	34.8	33.3	33.2		32.9	31.4
A19115-173	32.3	33.3	32.0		31.5	30.6
A19203-209Y	32.9	32.1	32.7		30.9	32.3
A19204-54	33.5	33.8	34.1		32.2	31.7
A19204-242	33.4	33.9	41.4		32.4	31.4
A19206-218Y	33.1	34.5	32.9		32.8	31.5
A19207-218Y	33.8	32.0	34.3		32.2	30.7
A19347-162Y	35.3	35.6	34.0		33.9	31.1
A19351-171Y	34.7	34.6	33.3		31.7	32.5
A19401-197Y	34.5	34.9	32.9		33.0	33.6
A19703-219	35.0	35.5	34.3		32.7	32.3
CR22-01002	34.7	34.5	33.6		33.6	31.6
CR22-01191	33.8	32.3	34.1		33.4	31.9
CR22-01202	34.7	34.8	34.1		32.6	32.0
CR22-02002	33.4	33.9	33.4		33.9	32.4
CR22-02087	34.8	35.4	34.1		34.1	32.7
CR22-02695	33.5	32.9	32.6		31.0	30.7
CR22-02986	34.0	33.2	32.6		31.8	30.2
CR22-03330	33.0	33.5	31.7		32.1	31.0
CR22-05124	34.8	34.7	33.7		33.8	32.8
CR22-05145	34.5	33.3	33.2		33.4	30.9
CR22-05590	33.9	34.0	33.6		32.2	32.5
LD22-10623	35.0	33.2	31.6		33.1	30.5
LD22-10787	32.7	34.0	33.8		32.1	31.9
LD22-10993	33.3	33.0	31.7		31.2	31.5
LD22-1645	33.5	34.1	32.9		33.7	30.7
LD22-1697	34.3	34.5	32.9		32.6	32.4
LD22-2131	33.7	33.9	33.4		32.6	30.9
LD22-2604	36.0	35.4	35.3		34.1	33.8
LD22-5162	35.2	34.3	32.9		32.3	32.0
LD22-9564	33.3	34.9	33.1		32.4	31.4
LD22-9909	34.6	34.0	32.7		32.6	31.6
ORC 138-7	35.7	35.7	35.3		34.2	33.5
ORC 141-17	32.6	34.4	33.7		33.5	30.4
ORC 8024	32.9	34.4	33.7		32.6	30.3

PRELIMINARY TEST IIIA, 2025

OIL (%)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	19.9	20.1	19.4	20.3	20.2	20.5
U14-910097 (SCN) (E)	20.1	19.7	19.2	20.7	20.2	20.7
LD18-6596	19.5	19.6	19.4	19.9	19.5	20.3
LD07-3395bf (SCN) (L)	20.4	20.7	19.9	20.7	20.4	20.4
A19106-75Y	20.3	20.0	19.8	20.9	20.6	20.8
A19115-51	19.8	20.2	13.8	20.7	21.0	21.2
A19115-173	20.3	20.0	19.2	20.4	20.4	20.8
A19203-209Y	21.0	20.7	20.4	21.5	21.1	22.6
A19204-54	19.3	18.8	18.9	19.6	19.2	19.6
A19204-242	19.0	20.0	19.7	20.3	19.8	20.5
A19206-218Y	19.9	20.1	19.1	20.8	20.1	19.9
A19207-218Y	19.9	19.6	19.3	20.4	20.0	20.4
A19347-162Y	19.4	19.4	19.1	20.4	20.1	20.2
A19351-171Y	20.3	20.2	19.7	20.4	20.6	21.5
A19401-197Y	19.6	19.5	18.2	20.3	20.0	20.3
A19703-219	19.1	19.1	18.3	19.6	19.3	20.2
CR22-01002	19.9	19.6	19.6	20.4	20.2	20.4
CR22-01191	19.5	19.5	19.5	19.8	19.8	19.9
CR22-01202	19.9	19.9	19.6	20.3	20.0	20.5
CR22-02002	20.0	19.8	19.3	20.7	20.3	20.5
CR22-02087	19.4	18.8	19.7	19.9	20.0	20.1
CR22-02695	19.5	19.1	19.0	20.0	20.2	19.8
CR22-02986	19.5	19.5	19.2	20.4	19.9	19.9
CR22-03330	19.9	19.9	19.6	20.7	20.5	20.5
CR22-05124	19.6	19.5	19.2	20.7	19.9	20.6
CR22-05145	19.7	19.5	19.4	20.3	19.4	19.6
CR22-05590	19.4	19.2	19.6	20.1	19.7	19.6
LD22-10623	20.1	20.0	20.1	20.8	20.0	20.8
LD22-10787	19.8	19.5	18.9	20.7	19.9	20.5
LD22-10993	20.3	20.2	19.5	20.7	20.6	21.0
LD22-1645	20.0	19.8	20.5	20.8	20.0	20.3
LD22-1697	19.7	20.0	19.3	20.2	20.1	20.1
LD22-2131	19.3	18.9	18.7	20.3	19.7	20.0
LD22-2604	19.0	18.9	18.4	19.6	18.8	19.5
LD22-5162	19.1	19.5	19.1	19.5	18.4	19.4
LD22-9564	19.8	19.4	19.3	20.6	20.3	20.3
LD22-9909	20.0	19.9	19.8	20.6	20.1	19.9
ORC 138-7	19.6	19.3	19.4	20.2	20.0	20.2
ORC 141-17	19.8	19.5	19.7	20.2	20.4	20.8
ORC 8024	20.8	20.8	20.9	21.3	21.3	21.8

PRELIMINARY TEST IIIA, 2025

OIL (%)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	19.8	19.6	19.8		19.1	19.9
U14-910097 (SCN) (E)	19.7	20.2	19.9		20.2	20.5
LD18-6596	18.4	19.4	19.9		18.9	19.8
LD07-3395bf (SCN) (L)	19.8	20.3	20.4		19.9	21.0
A19106-75Y	20.2	20.2	20.0		20.2	20.7
A19115-51	19.9	20.4	20.1		19.7	20.6
A19115-173	20.5	20.1	20.6		20.1	20.6
A19203-209Y	20.4	21.2	20.9		21.3	20.1
A19204-54	19.2	19.4	19.2		19.6	19.5
A19204-242	19.4	19.9	10.5		19.5	20.3
A19206-218Y	19.6	19.4	19.9		19.3	20.6
A19207-218Y	19.6	20.5	19.5		19.6	20.6
A19347-162Y	18.6	19.0	18.5		18.5	20.2
A19351-171Y	19.7	20.1	19.8		20.6	20.6
A19401-197Y	19.4	19.1	20.1		19.2	20.2
A19703-219	18.4	18.6	19.1		19.0	19.4
CR22-01002	19.2	20.0	20.0		19.4	19.9
CR22-01191	19.5	19.1	19.7		19.0	19.7
CR22-01202	19.4	19.8	20.1		19.8	19.7
CR22-02002	19.9	20.4	20.0		19.3	19.5
CR22-02087	18.7	19.2	19.4		18.8	19.7
CR22-02695	18.7	19.6	19.5		19.3	19.7
CR22-02986	18.8	19.0	19.4		19.2	19.9
CR22-03330	19.4	19.7	20.2		19.3	19.7
CR22-05124	18.7	19.5	19.7		19.1	19.3
CR22-05145	18.9	19.8	20.1		19.4	20.3
CR22-05590	19.1	19.5	19.8		18.5	19.4
LD22-10623	18.9	20.1	21.0		19.8	20.2
LD22-10787	19.6	19.9	19.3		19.8	19.6
LD22-10993	19.9	20.2	20.3		20.2	19.9
LD22-1645	19.4	19.7	20.0		19.2	20.1
LD22-1697	19.2	19.5	19.9		19.2	20.0
LD22-2131	19.1	19.3	18.9		18.5	20.0
LD22-2604	18.5	19.2	19.4		18.7	19.1
LD22-5162	17.7	19.2	19.8		20.2	18.7
LD22-9564	19.6	19.3	19.4		19.3	20.3
LD22-9909	19.3	20.0	20.1		19.8	20.0
ORC 138-7	19.1	19.2	19.8		19.5	19.7
ORC 141-17	19.8	19.4	19.2		18.9	20.0
ORC 8024	20.7	20.0	20.1		20.4	21.2

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**Northern Regional Uniform Test
Preliminary Test IIB, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	U19-604203 (III)	U14-910097	LD11-2170	Graef		F5	Rps1k, SCN
2	U14-910097 (SCN) (E)	U09-105007	LD07-3419	Graef		F6	SCN (HR, HR)
3	LD18-6596	U11-616086	LD11-2170	Monteverde		F5	SCN, Rps1k
4	LD07-3395bf (SCN) (L)	LD07-3395 Reselection		Monteverde		F5	SCN
5	HM22-61151	LG09-8165	LG11-5120	McHale	Initial	F5	
6	HM22-61240	LG09-8165	LG11-5120	McHale	Initial	F5	
7	HM22-P1216	LG09-8165	LG11-5120	McHale	Initial	F5	
8	HM23-74202	SA14-9653	SA17-13516	McHale	Initial	F5	
9	HM23-74293	SA14-9653	SA17-13516	McHale	Initial	F5	
10	LG21-2510	LD07-3395bf	LG11-6760	Mahan	Initial	F6	25% exotic pedigree
11	LG21-2517	LD07-3395bf	LG11-6760	Mahan	Initial	F6	25% exotic pedigree
12	LG21-2738	LG11-2963	LD10-10198	Mahan	Initial	F6	
13	LG22-3077	LG14-6271	LG13-1006	Mahan	Initial	F6	44% exotic pedigree, soja G-parent
14	LG22-3814	LG13-21765	LG11-6760	Mahan	Initial	F6	31% exotic pedigree
15	LG22-3960	U12-209068	LG13-3622	Mahan	Initial	F6	16% exotic pedigree
16	LG22-4776	LG14-11757	LG11-6760	Mahan	Initial	F6	29% exotic pedigree
17	SA21-3544	SA13-2699	LD15-5776793	Scaboo	Initial		rhg1-b, BSR, Rdc3
18	SA21-5909	SA17-16316	LD15-5776793	Scaboo	Initial		rhg1-b, BSR, Rcs3, Rdc3
19	SA21-8789	S13-2743C	LD15-5776793	Scaboo	Initial		rhg1-b, Rps1a, BSR, Rdc3
20	SA22-4836	SA13-1385	LD15-6762	Scaboo	Initial		rhg1-b, Rps1c, BSR, Rdc3
21	SA22-5514	SA17-20063	SA18-13443	Scaboo	Initial		Rps1c
22	U21-106185	U17-238027	LD15-8459	Graef	Initial	F5	
23	U21-209185	U17-238027	LD15-8459	Graef	Initial	F5	
24	U21-209190	U17-238027	LD15-8459	Graef	Initial	F5	
25	U21-209208	U17-238027	LD15-8459	Graef	Initial	F5	
26	U21-363171	U17-238027	LD15-8459	Graef	Initial	F5	
27	U22-902008	U15-606207	U14-924158	Graef	Initial	F5	
28	U22-904058	U15-606207	U14-924158	Graef	Initial	F5	
29	U22-904081	LD15-5776793	U16-914101	Graef	Initial	F5	
30	U22-906028	LD15-5776793	U16-914101	Graef	Initial	F5	
31	U22-907088	LD15-5776793	U14-924158	Graef	Initial	F5	
32	U22-911087	U16-207253	U16-914101	Graef	Initial	F5	
33	U22-911092	U16-207253	U16-914101	Graef	Initial	F5	
34	U22-913035	U16-207253	U16-914101	Graef	Initial	F5	
35	U22-915050	U16-207253	U15-606207	Graef	Initial	F5	
36	U22-928026	U14-910097	U16-207253	Graef	Initial	F5	

PRELIMINARY TEST IIB, 2025
DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
U19-604203 (III)	PLtBDYBrI
U14-910097 (SCN) (E)	PGTDYBfI
LD18-6596	WLtBDYYI
LD07-3395bf (SCN) (L)	WGTDYBfI
HM22-61151	WTBDYBI
HM22-61240	PLtBDYBI
HM22-P1216	WTBDYBI
HM23-74202	PTBSYBI
HM23-74293	PTBSYBI
LG21-2510	WGTDYBfI
LG21-2517	WGTDYBfI
LG21-2738	PGBSYIbI
LG22-3077	WLtBDYBrI
LG22-3814	PLtBDYBI
LG22-3960	WLtBDYBI
LG22-4776	PGBDYIbI
SA21-3544	PGTDYIbI
SA21-5909	PGTDYIbI
SA21-8789	P+WGBDYHI
SA22-4836	WGTSYBfI
SA22-5514	PLtBDYBI
U21-106185	PGBDYIbI
U21-209185	PTTDYBrI
U21-209190	PLtTDYBrI
U21-209208	PLtBDYBrI
U21-363171	PGBDYIbI
U22-902008	PGTDYIbI
U22-904058	PLt+GTDYHI
U22-904081	PLt+GBSYHI
U22-906028	PLtBSYBI
U22-907088	PLtTDYBI
U22-911087	PLtBDYBI
U22-911092	PLtBSYBI
U22-913035	PLtBSYBI
U22-915050	PLt+GTDYHI
U22-928026	PTBDYBrI

PRELIMINARY TEST IIIB, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield 11 bu/a	Rank 11 No.	Maturity 8 Date	Lodging 9 Score	Plant Height 9 In.	Seed Size 10 g/100	Seed Quality 10 Score	<u>Composition</u>	
								Protein 10 %	Oil 10 %
U19-604203 (III)	73.2	6	9/23	2.2	37	12.8	1.5	33.2	19.8
U14-910097 (SCN) (E)	73.7	4	-2.7	2.2	35	13.0	1.5	32.9	20.1
LD18-6596	73.2	5	1.6	1.8	36	13.3	1.2	32.8	19.5
LD07-3395bf (SCN) (L)	71.8	10	3.1	2.0	35	13.6	1.4	31.3	20.4
HM22-61151	62.2	36	3.4	2.3	44	13.9	1.4	34.2	18.4
HM22-61240	63.2	34	-1.6	2.2	41	11.7	1.5	34.2	17.8
HM22-P1216	62.8	35	3.8	2.3	46	13.0	1.3	34.1	18.5
HM23-74202	71.6	12	0.5	2.1	41	14.4	1.3	34.8	18.6
HM23-74293	68.1	28	0.3	2.1	40	14.3	1.3	35.0	18.6
LG21-2510	70.8	16	0.8	1.7	38	12.6	1.4	32.7	19.5
LG21-2517	72.5	7	2.1	1.7	36	12.6	1.3	33.3	19.1
LG21-2738	69.2	24	-1.4	1.8	40	13.3	1.3	34.6	18.1
LG22-3077	70.4	19	2.7	2.2	42	14.0	1.4	33.5	18.6
LG22-3814	69.0	25	0.6	1.9	38	12.3	1.3	34.2	19.2
LG22-3960	71.2	13	2.1	2.2	41	16.0	1.4	33.8	18.9
LG22-4776	66.5	32	2.8	1.7	39	13.0	1.4	34.0	18.9
SA21-3544	68.9	26	2.8	1.2	32	12.7	1.3	32.2	19.8
SA21-5909	67.0	31	1.3	1.6	39	12.2	1.2	33.8	19.1
SA21-8789	70.5	18	2.4	1.6	38	14.0	1.3	32.9	18.9
SA22-4836	65.1	33	4.1	1.9	38	12.7	1.3	34.4	18.8
SA22-5514	67.2	30	1.9	1.7	45	13.9	1.4	32.5	19.4
U21-106185	71.9	9	0.6	1.6	40	13.2	1.4	33.5	19.3
U21-209185	71.0	15	-0.2	1.7	40	13.1	1.4	32.4	20.3
U21-209190	70.7	17	0.3	1.4	39	13.7	1.4	33.1	19.5
U21-209208	71.0	14	0.5	1.2	38	13.7	1.3	32.2	19.7
U21-363171	70.1	20	1.4	1.8	41	12.8	1.3	33.2	19.5
U22-902008	67.9	29	1.1	1.5	37	11.8	1.4	30.8	20.2
U22-904058	68.3	27	-0.2	1.6	36	12.9	1.3	31.1	20.5
U22-904081	69.9	21	4.4	2.6	42	14.1	1.3	32.3	20.0
U22-906028	76.1	2	2.2	2.0	37	14.0	1.4	31.4	20.0
U22-907088	75.9	3	3.8	1.4	35	13.7	1.3	31.9	19.7
U22-911087	69.5	23	2.3	1.6	38	13.0	1.3	33.8	19.0
U22-911092	71.8	10	2.5	1.3	37	13.4	1.4	33.0	19.2
U22-913035	76.9	1	3.6	1.9	38	14.7	1.4	32.9	19.0
U22-915050	69.7	22	1.7	1.8	37	12.4	1.5	32.5	20.0
U22-928026	72.3	8	1.3	1.3	36	12.5	1.4	32.3	20.0
Mean	70.0			1.8	38.7	13.3	1.3	33.1	19.3
C.V. (%)	7.6								
L.S.D. (5%)	3.2								

127.4 Days After Planting

PRELIMINARY TEST IIIB, 2025

YIELD (bu/a)

Strain	Mean 11 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	73.2	70.3	70.7	57.9	71.3	67.6
U14-910097 (SCN) (E)	73.7	65.4	73.4	70.2	72.1	68.2
LD18-6596	73.2	76.0	73.3	66.3	74.8	69.0
LD07-3395bf (SCN) (L)	71.8	60.4	72.4	64.1	71.4	68.5
HM22-61151	62.2	60.2	61.3	50.7	70.2	57.8
HM22-61240	63.2	40.2	59.2	51.4	66.0	63.1
HM22-P1216	62.8	57.0	60.0	49.1	66.1	60.7
HM23-74202	71.6	72.2	78.0	70.8	63.6	64.0
HM23-74293	68.1	68.7	73.6	56.2	70.7	65.5
LG21-2510	70.8	69.2	61.7	70.4	70.8	68.2
LG21-2517	72.5	64.9	65.0	67.6	76.1	72.7
LG21-2738	69.2	68.2	66.3	59.1	75.8	73.4
LG22-3077	70.4	72.1	69.7	60.7	72.6	67.1
LG22-3814	69.0	55.5	70.7	58.4	70.8	65.1
LG22-3960	71.2	59.0	68.5	61.2	70.8	70.8
LG22-4776	66.5	65.7	67.5	49.3	72.8	66.8
SA21-3544	68.9	70.3	66.7	54.4	64.1	65.9
SA21-5909	67.0	71.4	67.5	61.0	67.7	64.2
SA21-8789	70.5	70.9	70.8	58.3	69.8	62.6
SA22-4836	65.1	66.5	69.3	57.8	54.4	57.3
SA22-5514	67.2	75.3	77.0	62.2	60.8	56.8
U21-106185	71.9	73.9	76.8	63.4	70.4	64.0
U21-209185	71.0	60.5	79.9	55.5	74.0	66.1
U21-209190	70.7	70.3	72.1	63.7	73.3	61.3
U21-209208	71.0	66.3	83.3	59.7	72.5	60.7
U21-363171	70.1	66.7	74.7	51.9	75.8	58.2
U22-902008	67.9	56.8	68.2	69.4	59.8	66.1
U22-904058	68.3	63.1	65.4	59.5	66.5	66.2
U22-904081	69.9	69.1	60.6	59.1	71.2	65.3
U22-906028	76.1	77.9	80.3	68.3	74.3	69.5
U22-907088	75.9	73.2	75.4	65.5	69.9	65.7
U22-911087	69.5	76.6	76.3	62.2	63.9	63.7
U22-911092	71.8	77.3	70.0	56.3	70.1	61.7
U22-913035	76.9	76.2	78.3	71.4	66.4	69.0
U22-915050	69.7	71.4	67.0	58.6	62.8	57.6
U22-928026	72.3	68.2	79.6	69.8	68.1	60.1
Location Mean		67.4	70.8	60.9	69.2	64.7
C.V. (%)		7.7	8.5	11.1	6.8	6.3
L.S.D. (5%)		10.5	12.2	13.8	9.5	8.2
Row Sp. (In.)		30	30	30	30	30
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	2

PRELIMINARY TEST IIIB, 2025

YIELD (bu/a)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoyt- ville OH
U19-604203 (III)	84.1	75.2	86.0	81.8	90.4	49.8
U14-910097 (SCN) (E)	86.0	84.3	84.1	72.0	87.0	47.8
LD18-6596	81.1	72.6	86.0	84.2	74.2	47.9
LD07-3395bf (SCN) (L)	80.8	83.9	79.6	83.4	79.6	45.6
HM22-61151	83.0	59.1	69.4	70.4	58.9	42.9
HM22-61240	81.1	65.4	86.5	71.1	67.1	45.9
HM22-P1216	81.4	65.7	71.4	70.0	66.4	43.6
HM23-74202	72.3	72.3	88.1	80.3	79.9	46.0
HM23-74293	74.9	58.9	79.0	76.7	78.6	46.4
LG21-2510	72.9	75.0	81.4	87.7	78.4	43.2
LG21-2517	72.4	74.9	82.7	87.5	85.5	48.4
LG21-2738	83.4	74.7	78.7	55.4	83.6	43.6
LG22-3077	78.2	72.2	84.8	69.6	79.6	48.3
LG22-3814	77.7	73.1	78.9	84.3	81.1	43.4
LG22-3960	81.7	83.5	79.9	67.8	92.2	48.0
LG22-4776	77.5	62.0	73.4	78.2	77.1	42.5
SA21-3544	74.6	75.4	90.9	80.7	71.8	43.1
SA21-5909	77.3	71.1	75.8	80.4	56.9	43.9
SA21-8789	85.1	77.0	82.8	77.9	79.4	41.0
SA22-4836	74.5	69.7	77.9	73.7	74.1	41.3
SA22-5514	79.4	66.9	68.5	72.2	79.3	41.0
U21-106185	82.1	75.9	72.5	85.3	81.3	45.5
U21-209185	84.3	72.0	76.4	82.7	83.6	46.5
U21-209190	80.6	69.4	83.3	82.4	81.1	42.0
U21-209208	89.2	64.1	78.7	82.0	80.8	45.6
U21-363171	76.9	72.6	78.3	85.2	87.2	43.1
U22-902008	83.0	74.7	79.3	77.8	71.4	40.7
U22-904058	82.5	75.3	79.5	74.5	78.4	40.0
U22-904081	76.9	68.6	86.1	81.2	83.3	47.6
U22-906028	85.3	83.0	91.6	75.2	87.5	45.6
U22-907088	83.8	86.6	92.8	90.8	85.4	46.3
U22-911087	79.9	74.2	79.6	72.1	72.6	43.7
U22-911092	85.7	71.1	90.5	81.7	84.5	40.7
U22-913035	87.1	73.6	94.3	90.7	94.6	44.7
U22-915050	81.9	82.9	81.9	78.6	83.8	40.6
U22-928026	82.7	72.6	89.6	84.3	83.3	36.9
Location Mean	80.6	73.0	81.7	78.6	79.4	44.2
C.V. (%)	5.0	7.8	7.8	7.3	7.4	7.4
L.S.D. (5%)	8.2	11.6	13.0	11.6	12.0	6.7
Row Sp. (In.)	30	30	30	30	30	8
Rows/Plot	4	4	4	4	4	8
Reps	2	2	2	2	2	2

PRELIMINARY TEST IIIB, 2025

YIELD RANK

Strain	Mean 11 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	6	16	18	26	13	10
U14-910097 (SCN) (E)	4	26	13	4	11	9
LD18-6596	5	5	14	9	4	6
LD07-3395bf (SCN) (L)	10	30	15	11	12	7
HM22-61151	36	31	33	34	20	33
HM22-61240	34	36	36	33	29	25
HM22-P1216	35	33	35	36	28	30
HM23-74202	12	9	6	2	32	23
HM23-74293	28	19	12	29	18	18
LG21-2510	16	17	32	3	15	8
LG21-2517	7	27	31	8	1	2
LG21-2738	24	20	29	21	2	1
LG22-3077	19	10	21	18	9	11
LG22-3814	25	35	19	24	15	20
LG22-3960	13	32	23	16	15	3
LG22-4776	32	25	25	35	8	12
SA21-3544	26	15	28	31	30	16
SA21-5909	31	11	26	17	25	21
SA21-8789	18	13	17	25	23	26
SA22-4836	33	23	22	27	36	35
SA22-5514	30	6	7	14	34	36
U21-106185	9	7	8	13	19	22
U21-209185	15	29	3	30	6	14
U21-209190	17	14	16	12	7	28
U21-209208	14	24	1	19	10	29
U21-363171	20	22	11	32	2	32
U22-902008	29	34	24	6	35	15
U22-904058	27	28	30	20	26	13
U22-904081	21	18	34	22	14	19
U22-906028	2	1	2	7	5	4
U22-907088	3	8	10	10	22	17
U22-911087	23	3	9	14	31	24
U22-911092	10	2	20	28	21	27
U22-913035	1	4	5	1	27	5
U22-915050	22	11	27	23	33	34
U22-928026	8	21	4	5	24	31

PRELIMINARY TEST IIIB, 2025

YIELD RANK

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	8	11	11	14	3	1
U14-910097 (SCN) (E)	3	2	13	30	6	6
LD18-6596	19	20	10	9	28	5
LD07-3395bf (SCN) (L)	21	3	21	10	21	14
HM22-61151	12	35	35	32	35	26
HM22-61240	19	32	8	31	33	12
HM22-P1216	18	31	34	33	34	21
HM23-74202	36	22	7	19	19	11
HM23-74293	31	36	24	24	24	9
LG21-2510	34	12	18	3	26	23
LG21-2517	35	13	16	4	7	2
LG21-2738	10	14	27	36	11	20
LG22-3077	25	23	12	34	20	3
LG22-3814	26	18	25	8	16	22
LG22-3960	17	4	19	35	2	4
LG22-4776	27	34	32	21	27	27
SA21-3544	32	9	4	17	31	24
SA21-5909	28	25	31	18	36	18
SA21-8789	6	7	15	22	22	30
SA22-4836	33	27	29	27	29	29
SA22-5514	24	30	36	28	23	31
U21-106185	15	8	33	5	15	16
U21-209185	7	24	30	11	12	8
U21-209190	22	28	14	12	17	28
U21-209208	1	33	26	13	18	13
U21-363171	30	19	28	6	5	25
U22-902008	11	15	23	23	32	33
U22-904058	14	10	22	26	25	35
U22-904081	29	29	9	16	14	7
U22-906028	5	5	3	25	4	15
U22-907088	9	1	2	1	8	10
U22-911087	23	16	20	29	30	19
U22-911092	4	25	5	15	9	32
U22-913035	2	17	1	2	1	17
U22-915050	16	6	17	20	10	34
U22-928026	13	20	6	7	13	36

PRELIMINARY TEST IIIB, 2025

MATURITY (date)

Strain	Mean 8 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	9/23		9/18		9/24	9/22
U14-910097 (SCN) (E)	-3		-2		-3	-4
LD18-6596	2		4		0	2
LD07-3395bf (SCN) (L)	3		7		3	4
HM22-61151	3		5		3	4
HM22-61240	-2		1		-3	0
HM22-P1216	4		7		4	4
HM23-74202	1		1		1	1
HM23-74293	0		-1		0	1
LG21-2510	1		6		0	1
LG21-2517	2		7		2	3
LG21-2738	-1		3		-2	-1
LG22-3077	3		8		3	3
LG22-3814	1		4		0	0
LG22-3960	2		8		3	3
LG22-4776	3		8		2	3
SA21-3544	3		4		2	3
SA21-5909	1		1		1	4
SA21-8789	2		5		2	4
SA22-4836	4		8		4	5
SA22-5514	2		8		-1	1
U21-106185	1		0		1	2
U21-209185	-0		1		-1	1
U21-209190	0		1		-1	1
U21-209208	1		3		2	1
U21-363171	1		3		1	1
U22-902008	1		6		2	2
U22-904058	-0		7		-3	0
U22-904081	4		8		4	3
U22-906028	2		7		-1	2
U22-907088	4		7		3	3
U22-911087	2		7		2	3
U22-911092	3		7		1	2
U22-913035	4		7		2	3
U22-915050	2		4		1	2
U22-928026	1		3		3	3
Date Planted	5/19	5/12	5/6	5/9	5/20	5/19
Days to Mature	127		135		127	126

PRELIMINARY TEST IIIB, 2025

MATURITY (date)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	9/19	9/20	10/1	9/29		9/26
U14-910097 (SCN) (E)	-2	-5	-5	-2		1
LD18-6596	3	0	2	1		2
LD07-3395bf (SCN) (L)	3	1	1	1		6
HM22-61151	4	2	2	4		5
HM22-61240	1	-4	-4	-4		1
HM22-P1216	4	3	3	3		4
HM23-74202	3	-1	-2	1		2
HM23-74293	2	-1	-1	2		1
LG21-2510	2	-2	-3	-2		3
LG21-2517	3	1	0	-1		3
LG21-2738	1	-2	-5	-7		1
LG22-3077	1	1	1	1		5
LG22-3814	1	-1	-2	-2		5
LG22-3960	2	0	0	1		2
LG22-4776	4	0	2	2		4
SA21-3544	4	2	1	1		6
SA21-5909	3	-1	0	-1		5
SA21-8789	4	-3	2	3		4
SA22-4836	4	4	2	2		5
SA22-5514	3	2	0	0		3
U21-106185	4	-1	-3	-1		3
U21-209185	1	-1	-3	-1		2
U21-209190	2	-1	1	-1		0
U21-209208	2	-1	-4	1		1
U21-363171	3	0	2	1		3
U22-902008	1	-3	-3	1		4
U22-904058	1	-3	-3	-2		2
U22-904081	5	4	5	5		3
U22-906028	4	-1	3	3		2
U22-907088	6	3	0	2		7
U22-911087	2	0	2	0		3
U22-911092	3	2	0	1		4
U22-913035	5	0	5	4		3
U22-915050	4	0	1	1		2
U22-928026	4	-1	-2	-3		3
Date Planted	5/10	5/13	5/30	5/22	5/31	6/3
Days to Mature	132	130	124	130		115

PRELIMINARY TEST IIIB, 2025

LODGING (score)

Strain	Mean 9 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	2.2	1.5	2.5		2.0	1.8
U14-910097 (SCN) (E)	2.2	1.5	3.5		2.0	1.3
LD18-6596	1.8	1.0	2.5		2.0	1.3
LD07-3395bf (SCN) (L)	2.0	1.0	3.0		2.0	1.3
HM22-61151	2.3	1.0	3.5		2.0	1.0
HM22-61240	2.2		2.5		2.0	1.5
HM22-P1216	2.3	1.0	4.0		2.0	1.0
HM23-74202	2.1	1.0	2.5		2.0	2.0
HM23-74293	2.1	1.5	2.0		2.3	1.3
LG21-2510	1.7	1.0	3.5		1.0	1.0
LG21-2517	1.7	1.0	2.5		1.5	1.3
LG21-2738	1.8	1.0	2.0		1.5	1.0
LG22-3077	2.2	1.0	3.5		2.0	1.0
LG22-3814	1.9	2.0	2.5		2.0	1.0
LG22-3960	2.2	1.0	3.5		2.0	1.5
LG22-4776	1.7	1.0	2.0		1.0	1.3
SA21-3544	1.2	1.0	1.5		1.0	1.0
SA21-5909	1.6	1.0	3.0		2.0	1.3
SA21-8789	1.6	1.0	1.5		2.0	1.3
SA22-4836	1.9	1.0	3.0		1.5	1.3
SA22-5514	1.7	1.0	2.0		1.5	1.0
U21-106185	1.6	1.0	2.0		2.0	1.3
U21-209185	1.7	1.0	1.0		2.0	1.3
U21-209190	1.4	1.0	1.5		2.0	1.0
U21-209208	1.2	1.0	1.0		1.0	1.0
U21-363171	1.8	1.0	2.5		2.0	1.0
U22-902008	1.5	1.0	2.0		1.5	1.0
U22-904058	1.6	1.0	2.5		1.0	1.0
U22-904081	2.6	2.0	3.5		2.0	1.8
U22-906028	2.0	1.0	3.0		2.0	1.3
U22-907088	1.4	1.0	2.0		1.5	1.0
U22-911087	1.6	1.0	2.0		1.5	1.0
U22-911092	1.3	1.0	1.5		1.0	1.0
U22-913035	1.9	1.0	1.5		2.0	1.5
U22-915050	1.8	1.5	2.0		1.0	1.3
U22-928026	1.3	1.0	2.0		1.5	1.0

PRELIMINARY TEST IIIB, 2025

LODGING (score)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	1.5	3.5	4.0	2.0		1.0
U14-910097 (SCN) (E)	2.0	2.0	3.0	3.5		1.0
LD18-6596	1.0	2.5	2.5	2.5		1.0
LD07-3395bf (SCN) (L)	1.5	2.5	3.0	3.0		1.0
HM22-61151	2.0	3.0	3.5	4.0		1.0
HM22-61240	2.0	2.5	2.8	3.5		1.0
HM22-P1216	2.0	2.5	4.0	3.5		1.0
HM23-74202	2.0	2.0	3.0	3.5		1.0
HM23-74293	2.0	2.0	3.5	3.0		1.0
LG21-2510	1.0	1.5	3.0	2.5		1.0
LG21-2517	1.0	2.0	3.0	2.0		1.0
LG21-2738	1.0	1.5	3.0	4.0		1.0
LG22-3077	2.0	2.0	3.5	3.5		1.0
LG22-3814	1.0	2.0	2.5	3.0		1.0
LG22-3960	1.5	2.0	4.0	3.5		1.0
LG22-4776	1.5	2.0	3.5	2.0		1.0
SA21-3544	1.0	1.5	1.0	2.0		1.0
SA21-5909	1.0	1.5	2.0	1.5		1.0
SA21-8789	1.5	1.5	2.5	2.0		1.0
SA22-4836	1.0	2.0	3.0	3.5		1.0
SA22-5514	1.0	1.5	3.0	3.0		1.0
U21-106185	2.0	1.5	2.0	1.5		1.0
U21-209185	2.0	2.0	3.0	2.0		1.0
U21-209190	1.0	1.5	2.5	1.5		1.0
U21-209208	1.0	1.5	2.0	1.5		1.0
U21-363171	1.5	1.5	3.0	2.5		1.0
U22-902008	1.5	1.5	2.0	2.0		1.0
U22-904058	1.0	1.5	2.5	2.5		1.0
U22-904081	2.5	2.5	4.0	4.0		1.0
U22-906028	2.0	2.5	2.5	2.5		1.0
U22-907088	1.0	2.0	1.5	1.5		1.0
U22-911087	1.0	1.5	3.0	2.5		1.0
U22-911092	1.0	1.5	1.5	2.0		1.0
U22-913035	1.5	1.5	3.0	4.0		1.0
U22-915050	1.5	1.5	3.5	3.0		1.0
U22-928026	1.0	1.5	1.5	1.5		1.0

PRELIMINARY TEST IIIB, 2025

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	37	39	41		36	37
U14-910097 (SCN) (E)	35	36	38		35	35
LD18-6596	36	36	40		35	36
LD07-3395bf (SCN) (L)	35	36	35		34	36
HM22-61151	44	40	49		44	45
HM22-61240	41		44		41	43
HM22-P1216	46	43	48		48	46
HM23-74202	41	42	47		38	41
HM23-74293	40	40	46		39	39
LG21-2510	38	41	42		36	37
LG21-2517	36	35	40		36	38
LG21-2738	40	39	40		40	43
LG22-3077	42	43	49		39	42
LG22-3814	38	39	45		36	37
LG22-3960	41	39	45		41	43
LG22-4776	39	39	44		37	39
SA21-3544	32	34	36		29	32
SA21-5909	39	38	44		38	38
SA21-8789	38	39	41		36	36
SA22-4836	38	39	43		35	38
SA22-5514	45	49	50		43	45
U21-106185	40	41	42		38	42
U21-209185	40	40	46		39	38
U21-209190	39	39	45		39	39
U21-209208	38	39	45		36	38
U21-363171	41	40	46		41	41
U22-902008	37	36	40		37	38
U22-904058	36	35	40		33	35
U22-904081	42	44	46		39	41
U22-906028	37	39	43		36	35
U22-907088	35	35	40		33	33
U22-911087	38	40	41		35	37
U22-911092	37	38	41		34	35
U22-913035	38	39	41		34	37
U22-915050	37	41	40		37	36
U22-928026	36	38	44		32	35

PRELIMINARY TEST IIIB, 2025

PLANT HEIGHT (inches)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	38	34	42	39		28
U14-910097 (SCN) (E)	37	34	42	37		27
LD18-6596	37	34	43	42		25
LD07-3395bf (SCN) (L)	37	37	41	38		24
HM22-61151	47	39	54	49		33
HM22-61240	42	35	46	47		28
HM22-P1216	48	45	55	49		34
HM23-74202	40	39	48	45		29
HM23-74293	39	35	48	46		28
LG21-2510	35	37	47	41		26
LG21-2517	38	34	42	40		25
LG21-2738	41	38	51	44		29
LG22-3077	42	43	46	44		32
LG22-3814	36	38	44	40		25
LG22-3960	42	41	50	42		31
LG22-4776	40	36	48	43		27
SA21-3544	30	35	38	36		24
SA21-5909	39	37	45	43		28
SA21-8789	38	37	43	43		27
SA22-4836	40	35	44	43		29
SA22-5514	46	44	51	48		31
U21-106185	42	41	44	44		31
U21-209185	41	38	43	43		29
U21-209190	39	38	43	43		28
U21-209208	40	38	40	42		28
U21-363171	42	39	46	46		28
U22-902008	39	36	42	42		27
U22-904058	38	34	40	41		26
U22-904081	43	37	49	45		31
U22-906028	38	35	42	38		27
U22-907088	35	38	41	39		25
U22-911087	39	38	42	44		26
U22-911092	39	35	41	41		27
U22-913035	38	37	46	40		27
U22-915050	36	36	39	41		28
U22-928026	36	37	39	41		25

PRELIMINARY TEST IIIB, 2025

SEED SIZE (g/100)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	12.8	12.5	12.5	12.9	12.7	12.7
U14-910097 (SCN) (E)	13.0	13.0	12.5	13.6	12.4	12.3
LD18-6596	13.3	13.0	13.0	13.5	13.2	13.6
LD07-3395bf (SCN) (L)	13.6	13.5	12.5	13.7	13.9	14.1
HM22-61151	13.9	14.0	14.0	14.4	14.1	13.4
HM22-61240	11.7	12.5	11.5	12.6	11.6	11.1
HM22-P1216	13.0	13.0	12.5	12.9	13.2	12.8
HM23-74202	14.4	15.0	14.0	14.3	14.8	14.3
HM23-74293	14.3	14.0	14.5	14.0	14.5	14.5
LG21-2510	12.6	12.0	12.5	13.4	12.6	12.8
LG21-2517	12.6	12.0	11.5	12.9	12.7	12.4
LG21-2738	13.3	13.5	13.0	13.2	12.9	13.3
LG22-3077	14.0	14.0	14.0	14.2	13.6	13.8
LG22-3814	12.3	11.5	12.0	12.4	12.5	12.5
LG22-3960	16.0	17.0	15.5	16.4	16.1	16.2
LG22-4776	13.0	13.0	12.5	13.5	13.9	13.9
SA21-3544	12.7	13.0	12.0	12.1	13.3	13.2
SA21-5909	12.2	12.0	11.5	12.1	12.9	12.8
SA21-8789	14.0	13.5	13.0	15.0	13.9	14.6
SA22-4836	12.7	13.0	12.0	12.0	12.7	12.7
SA22-5514	13.9	14.5	13.5	14.5	13.2	13.0
U21-106185	13.2	13.5	12.5	14.7	12.9	13.3
U21-209185	13.1	13.0	13.5	13.0	13.1	12.6
U21-209190	13.7	14.0	13.5	13.5	14.4	13.3
U21-209208	13.7	14.5	15.0	14.3	14.0	13.6
U21-363171	12.8	13.0	12.0	12.2	13.1	12.3
U22-902008	11.8	13.0	11.0	12.2	12.2	12.3
U22-904058	12.9	12.5	12.5	13.4	13.1	12.7
U22-904081	14.1	14.5	13.5	13.9	14.4	13.9
U22-906028	14.0	14.0	14.5	14.0	13.5	13.0
U22-907088	13.7	13.5	13.0	13.0	14.9	13.6
U22-911087	13.0	13.0	13.0	13.2	13.7	13.1
U22-911092	13.4	14.0	12.5	13.2	14.0	13.1
U22-913035	14.7	16.0	14.0	15.0	14.7	14.9
U22-915050	12.4	13.0	12.0	12.9	11.8	11.9
U22-928026	12.5	12.0	12.0	12.4	12.6	12.5

PRELIMINARY TEST IIIB, 2025

SEED SIZE (g/100)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	13.3	11.2	14.2		13.7	12.7
U14-910097 (SCN) (E)	13.5	12.7	13.6		14.1	12.3
LD18-6596	13.5	12.6	14.2		14.4	12.3
LD07-3395bf (SCN) (L)	14.2	13.1	14.1		13.7	13.1
HM22-61151	15.4	12.2	14.8		13.8	13.1
HM22-61240	11.8	10.1	12.9		12.4	10.5
HM22-P1216	13.9	11.7	14.3		13.8	11.6
HM23-74202	14.7	12.4	15.3		15.8	13.7
HM23-74293	15.1	12.0	15.2		15.8	13.8
LG21-2510	12.8	11.6	12.5		12.7	12.7
LG21-2517	13.5	11.9	13.5		13.3	12.6
LG21-2738	14.7	12.5	13.7		13.4	12.9
LG22-3077	13.6	13.6	15.0		15.5	13.1
LG22-3814	12.9	11.3	13.8		12.6	11.6
LG22-3960	17.2	15.0	15.9		15.7	14.6
LG22-4776	14.0	11.2	13.6		12.6	12.2
SA21-3544	13.2	12.2	13.1		12.6	12.5
SA21-5909	12.6	10.5	13.3		13.1	11.4
SA21-8789	15.0	12.8	15.4		13.7	13.0
SA22-4836	12.7	11.4	14.8		14.3	11.7
SA22-5514	14.5	13.8	14.8		15.5	11.6
U21-106185	13.6	11.6	13.1		13.7	12.8
U21-209185	13.5	11.8	13.9		14.0	12.4
U21-209190	14.6	11.9	13.8		14.5	13.0
U21-209208	15.3	11.6	13.3		12.4	12.6
U21-363171	13.3	11.0	13.7		14.4	12.5
U22-902008	11.9	10.6	12.3		12.0	10.3
U22-904058	13.1	10.7	15.4		13.6	12.2
U22-904081	14.4	12.1	15.4		15.3	13.6
U22-906028	14.0	13.0	15.6		15.3	12.9
U22-907088	13.7	11.8	14.5		14.2	14.4
U22-911087	13.1	12.3	13.8		12.9	11.8
U22-911092	13.9	11.7	14.2		14.2	12.9
U22-913035	15.9	13.1	15.5		14.9	13.4
U22-915050	12.4	11.7	14.6		12.5	11.4
U22-928026	13.6	11.2	13.0		14.4	11.4

PRELIMINARY TEST IIIB, 2025

SEED QUALITY (score)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	1.5	1.0	1.5	2.0	2.0	2.0
U14-910097 (SCN) (E)	1.5	1.0	1.5	2.0	2.0	2.0
LD18-6596	1.2	1.0	1.5	2.0	1.5	1.0
LD07-3395bf (SCN) (L)	1.4	1.0	1.5	2.0	2.0	2.0
HM22-61151	1.4	1.0	1.5	2.0	2.0	2.0
HM22-61240	1.5	1.0	1.0	2.0	2.0	2.0
HM22-P1216	1.3	1.0	1.5	2.0	1.5	2.0
HM23-74202	1.3	1.0	1.0	2.0	2.0	2.0
HM23-74293	1.3	1.0	1.0	2.0	2.0	2.0
LG21-2510	1.4	1.0	1.5	2.0	2.0	2.0
LG21-2517	1.3	1.0	1.0	2.0	1.5	2.0
LG21-2738	1.3	1.0	1.0	2.0	2.0	2.0
LG22-3077	1.4	1.0	1.5	2.0	1.5	2.0
LG22-3814	1.3	1.0	1.0	2.0	2.0	2.0
LG22-3960	1.4	1.0	1.5	2.0	2.0	2.0
LG22-4776	1.4	1.0	1.5	2.0	2.0	2.0
SA21-3544	1.3	1.0	1.0	2.0	1.5	2.0
SA21-5909	1.2	1.0	1.0	2.0	1.5	1.0
SA21-8789	1.3	1.0	1.0	2.0	2.0	2.0
SA22-4836	1.3	1.0	1.0	2.0	2.0	2.0
SA22-5514	1.4	1.0	1.5	2.0	2.0	2.0
U21-106185	1.4	1.0	1.5	2.0	2.0	2.0
U21-209185	1.4	1.5	1.5	2.0	2.0	2.0
U21-209190	1.4	1.0	1.5	2.0	2.0	2.0
U21-209208	1.3	1.0	1.5	2.0	1.5	2.0
U21-363171	1.3	1.0	1.0	2.0	1.5	2.0
U22-902008	1.4	1.0	1.5	2.0	2.0	2.0
U22-904058	1.3	1.0	1.5	2.0	1.5	2.0
U22-904081	1.3	1.0	1.5	2.0	2.0	1.0
U22-906028	1.4	1.0	1.5	2.0	2.0	2.0
U22-907088	1.3	1.0	1.5	2.0	2.0	1.0
U22-911087	1.3	1.0	1.0	2.0	2.0	2.0
U22-911092	1.4	1.0	1.5	2.0	2.0	2.0
U22-913035	1.4	1.0	1.5	2.0	2.0	2.0
U22-915050	1.5	1.5	2.0	1.0	2.0	2.0
U22-928026	1.4	1.0	2.0	2.0	1.5	2.0

PRELIMINARY TEST IIIB, 2025

SEED QUALITY (score)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	1.0	1.0	1.0		1.0	2.0
U14-910097 (SCN) (E)	1.0	1.0	1.0		1.0	2.0
LD18-6596	1.0	1.0	1.0		1.0	1.0
LD07-3395bf (SCN) (L)	1.0	1.0	1.0		1.0	1.0
HM22-61151	1.0	1.0	1.0		1.0	1.0
HM22-61240	1.0	2.0	1.0		1.0	2.0
HM22-P1216	1.0	1.0	1.0		1.0	1.0
HM23-74202	1.0	1.0	1.0		1.0	1.0
HM23-74293	1.0	1.0	1.0		1.0	1.0
LG21-2510	1.0	1.0	1.0		1.0	1.0
LG21-2517	1.0	1.0	1.0		1.0	1.0
LG21-2738	1.0	1.0	1.0		1.0	1.0
LG22-3077	1.0	2.0	1.0		1.0	1.0
LG22-3814	1.0	1.0	1.0		1.0	1.0
LG22-3960	1.0	1.0	1.0		1.0	1.0
LG22-4776	1.0	1.0	1.0		1.0	1.0
SA21-3544	1.0	1.0	1.0		1.0	1.0
SA21-5909	1.0	1.0	1.0		1.0	1.0
SA21-8789	1.0	1.0	1.0		1.0	1.0
SA22-4836	1.0	1.0	1.0		1.0	1.0
SA22-5514	1.0	1.0	1.0		1.0	1.0
U21-106185	1.0	1.0	1.0		1.0	1.0
U21-209185	1.0	1.0	1.0		1.0	1.0
U21-209190	1.0	1.0	1.0		1.0	1.0
U21-209208	1.0	1.0	1.0		1.0	1.0
U21-363171	1.0	1.0	1.0		1.0	1.0
U22-902008	1.0	1.0	1.0		1.0	1.0
U22-904058	1.0	1.0	1.0		1.0	1.0
U22-904081	1.0	1.0	1.0		1.0	1.0
U22-906028	1.0	1.0	1.0		1.0	1.0
U22-907088	1.0	1.0	1.0		1.0	1.0
U22-911087	1.0	1.0	1.0		1.0	1.0
U22-911092	1.0	1.0	1.0		1.0	1.0
U22-913035	1.0	1.0	1.0		1.0	1.0
U22-915050	1.0	1.0	1.0		1.0	2.0
U22-928026	1.0	1.0	1.0		1.0	1.0

PRELIMINARY TEST IIIB, 2025

PROTEIN (%)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	33.2	33.3	33.6	32.0	33.7	34.4
U14-910097 (SCN) (E)	32.9	33.0	34.2	32.5	32.3	32.6
LD18-6596	32.8	32.5	34.1	32.1	32.5	33.3
LD07-3395bf (SCN) (L)	31.3	30.3	31.7	31.5	31.5	31.7
HM22-61151	34.2	34.3	35.3	33.5	33.5	35.4
HM22-61240	34.2	35.0	35.1	33.3	34.3	34.4
HM22-P1216	34.1	33.9	34.9	34.1	33.7	34.7
HM23-74202	34.8	34.3	35.1	34.1	34.5	35.6
HM23-74293	35.0	33.5	36.0	34.4	35.0	36.1
LG21-2510	32.7	33.2	34.4	32.2	32.2	33.8
LG21-2517	33.3	34.6	35.2	31.9	33.1	33.4
LG21-2738	34.6	35.2	34.7	33.7	34.4	36.0
LG22-3077	33.5	33.8	34.8	33.1	32.7	33.2
LG22-3814	34.2	34.1	36.0	32.7	34.5	35.1
LG22-3960	33.8	34.6	34.7	33.0	34.1	34.0
LG22-4776	34.0	33.5	35.2	34.4	33.6	34.1
SA21-3544	32.2	31.5	33.0	31.6	32.9	33.4
SA21-5909	33.8	32.6	35.7	32.8	34.0	35.0
SA21-8789	32.9	32.9	33.6	32.7	33.3	33.7
SA22-4836	34.4	34.6	35.8	34.6	33.8	35.6
SA22-5514	32.5	33.4	34.0	31.9	32.1	32.5
U21-106185	33.5	33.8	34.5	33.5	33.4	34.2
U21-209185	32.4	31.9	33.5	32.1	31.6	33.4
U21-209190	33.1	32.8	33.7	32.5	33.4	33.5
U21-209208	32.2	32.3	33.9	32.2	31.8	32.8
U21-363171	33.2	32.8	34.5	32.1	33.1	33.7
U22-902008	30.8	31.0	31.3	30.6	30.3	32.2
U22-904058	31.1	31.3	31.8	30.6	30.8	31.4
U22-904081	32.3	31.2	34.0	32.5	31.4	31.8
U22-906028	31.4	31.1	33.9	30.8	31.1	31.4
U22-907088	31.9	31.0	32.8	31.4	31.8	32.5
U22-911087	33.8	33.9	34.5	33.3	33.9	34.4
U22-911092	33.0	32.7	34.0	32.9	33.6	32.1
U22-913035	32.9	33.2	34.0	32.8	32.7	32.9
U22-915050	32.5	32.3	34.3	32.7	31.5	32.7
U22-928026	32.3	31.8	34.1	32.3	32.9	34.3

PRELIMINARY TEST IIIB, 2025

PROTEIN (%)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	33.8	33.8	33.1		33.1	31.4
U14-910097 (SCN) (E)	33.1	33.7	33.8		31.6	31.8
LD18-6596	34.6	33.7	31.3		31.6	31.9
LD07-3395bf (SCN) (L)	32.7	32.1	31.7		31.2	28.5
HM22-61151	35.4	34.6	33.1		33.9	32.9
HM22-61240	35.7	35.0	34.3		34.3	31.0
HM22-P1216	34.6	35.7	34.2		34.5	31.0
HM23-74202	35.8	34.6	35.4		34.7	33.9
HM23-74293	35.7	35.5	34.8		35.1	33.6
LG21-2510	33.8	32.9	32.1		31.9	30.5
LG21-2517	33.7	34.3	32.3		32.1	32.5
LG21-2738	35.2	34.8	34.0		34.1	34.4
LG22-3077	35.1	35.2	32.7		32.6	32.2
LG22-3814	35.8	35.0	33.1		33.6	32.5
LG22-3960	34.0	34.9	33.4		33.1	32.5
LG22-4776	34.0	34.5	35.2		34.0	31.5
SA21-3544	33.2	32.6	30.9		31.5	31.4
SA21-5909	34.9	34.8	33.3		33.1	32.4
SA21-8789	34.6	33.5	33.0		32.6	29.7
SA22-4836	35.0	34.5	34.7		33.6	32.1
SA22-5514	33.4	34.0	32.4		32.0	29.5
U21-106185	34.1	33.6	33.1		33.1	31.5
U21-209185	33.6	33.1	32.4		31.8	30.2
U21-209190	35.1	34.2	32.5		32.5	30.9
U21-209208	33.9	33.0	31.3		31.1	29.4
U21-363171	34.2	33.9	32.8		32.9	32.0
U22-902008	31.9	31.2	32.0		29.9	27.4
U22-904058	31.4	31.5	31.9		31.2	29.2
U22-904081	32.2	33.7	32.9		31.9	31.1
U22-906028	32.2	32.6	30.3		31.7	28.9
U22-907088	32.2	32.5	32.1		32.1	30.6
U22-911087	34.9	34.4	33.7		32.6	32.9
U22-911092	33.0	33.8	32.6		32.4	32.6
U22-913035	34.1	33.4	32.4		31.9	31.4
U22-915050	32.9	33.2	33.2		31.1	30.8
U22-928026	33.0	32.3	30.9		31.8	29.6

PRELIMINARY TEST IIIB, 2025

OIL (%)

Strain	Mean 10 Tests	Ames IA	Lucas IA	Perry IL	Savoy IL	Urbana IL
U19-604203 (III)	19.8	20.0	19.8	20.5	19.6	19.4
U14-910097 (SCN) (E)	20.1	19.8	19.4	20.3	20.4	20.5
LD18-6596	19.5	19.8	19.3	19.8	19.7	19.3
LD07-3395bf (SCN) (L)	20.4	20.8	20.3	20.3	20.2	20.4
HM22-61151	18.4	18.8	18.2	18.8	18.7	18.3
HM22-61240	17.8	17.8	17.8	18.5	17.7	17.8
HM22-P1216	18.5	18.8	18.1	18.9	18.7	18.5
HM23-74202	18.6	18.9	18.5	19.2	18.5	18.7
HM23-74293	18.6	19.0	18.4	19.1	18.5	18.4
LG21-2510	19.5	19.0	19.1	20.1	19.5	19.1
LG21-2517	19.1	18.4	18.4	19.9	19.3	19.6
LG21-2738	18.1	18.0	18.1	18.9	18.5	18.1
LG22-3077	18.6	18.6	18.0	19.1	18.8	19.0
LG22-3814	19.2	19.2	18.6	20.3	19.1	19.5
LG22-3960	18.9	18.8	18.6	19.4	18.8	19.0
LG22-4776	18.9	18.9	18.8	19.0	19.2	19.2
SA21-3544	19.8	20.1	19.8	20.5	19.8	19.3
SA21-5909	19.1	19.5	18.3	20.0	19.1	19.0
SA21-8789	18.9	18.9	18.8	19.4	19.0	19.0
SA22-4836	18.8	19.1	18.5	18.0	19.4	18.8
SA22-5514	19.4	18.8	18.6	20.3	19.8	19.8
U21-106185	19.3	18.9	19.1	19.7	19.7	19.5
U21-209185	20.3	20.4	19.9	20.5	20.5	20.3
U21-209190	19.5	19.5	19.4	20.1	19.3	19.8
U21-209208	19.7	19.7	19.3	20.3	19.8	19.8
U21-363171	19.5	19.4	18.7	20.4	19.8	20.2
U22-902008	20.2	20.2	20.0	20.3	20.3	19.9
U22-904058	20.5	20.3	20.1	20.9	20.7	20.9
U22-904081	20.0	20.4	19.3	20.1	20.6	20.7
U22-906028	20.0	20.4	19.2	20.5	20.1	20.5
U22-907088	19.7	20.0	19.4	20.2	19.7	19.6
U22-911087	19.0	19.0	18.9	19.2	18.9	19.4
U22-911092	19.2	19.5	19.0	19.4	19.0	19.7
U22-913035	19.0	19.0	18.8	19.4	19.0	19.4
U22-915050	20.0	19.9	19.6	20.5	20.5	20.2
U22-928026	20.0	20.2	19.4	20.1	19.5	19.4

PRELIMINARY TEST IIIB, 2025

OIL (%)

Strain	West Lafayette IN	Novelty MO	Cook NE	Steven's Creek NE	Phillips NE	Hoytville OH
U19-604203 (III)	19.5	19.7	20.0		19.1	20.3
U14-910097 (SCN) (E)	20.0	20.1	20.1		20.2	20.1
LD18-6596	18.6	19.4	20.2		19.3	19.5
LD07-3395bf (SCN) (L)	20.0	20.3	20.3		20.0	21.3
HM22-61151	17.9	18.2	18.9		17.1	18.8
HM22-61240	17.0	17.7	18.0		17.3	18.8
HM22-P1216	18.3	18.6	18.4		17.7	19.4
HM23-74202	18.0	19.6	18.6		18.4	17.7
HM23-74293	18.1	18.9	18.9		18.2	18.0
LG21-2510	18.7	20.1	20.3		19.3	20.0
LG21-2517	18.8	19.3	19.5		18.9	19.2
LG21-2738	17.6	18.7	18.6		17.6	17.3
LG22-3077	17.9	18.6	19.0		18.1	18.8
LG22-3814	18.6	19.2	19.6		18.7	19.5
LG22-3960	18.8	19.0	19.3		18.7	19.1
LG22-4776	17.8	19.3	19.3		18.0	19.5
SA21-3544	19.3	20.3	20.0		19.5	19.8
SA21-5909	18.7	19.0	19.5		19.0	19.1
SA21-8789	18.1	19.0	18.9		18.5	19.2
SA22-4836	18.4	18.7	19.1		18.6	19.5
SA22-5514	18.9	19.1	19.4		19.0	20.3
U21-106185	18.7	19.6	19.6		18.8	19.3
U21-209185	19.7	20.7	20.2		20.0	20.8
U21-209190	18.6	19.9	19.6		19.3	19.7
U21-209208	18.9	20.2	19.8		19.1	20.3
U21-363171	19.1	19.6	20.0		19.4	18.8
U22-902008	19.8	20.6	19.6		19.8	21.4
U22-904058	20.5	20.5	20.1		19.7	21.2
U22-904081	20.0	19.8	20.2		19.4	19.8
U22-906028	19.7	19.9	20.0		19.5	20.3
U22-907088	19.6	19.9	19.7		18.8	19.7
U22-911087	18.4	19.3	19.1		18.6	18.9
U22-911092	19.2	18.7	19.5		19.1	18.7
U22-913035	18.3	19.3	19.2		19.1	18.9
U22-915050	20.0	20.5	19.7		19.2	20.2
U22-928026	19.7	20.4	20.8		19.8	20.7

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**Northern Regional Uniform Test
Uniform Test IV, 2025**

Ent. Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
	Female	Male				
1 LD15-3818 (IV)	LD09-3913	BN09002129	Monteverde	6	F5	SCN, Rps1a
2 LD07-3395bf (SCN) (E)	LD07-3395 Reselection		Monteverde	10	F5	SCN
3 K18-1994 (L)	LD07-3395bf	K11-2363T	Schapaugh	3	F4	SCN
4 CR20-5030			Rainey	1		SCN
5 CR21-02084			Rainey	24 PT IV - 8		
6 CR21-02090			Rainey	24 PT IV - 9		
7 LD20-11748	U14-910097	LD15-3818	Monteverde	1	F5	SCN (rhg1,4), Rps1a
8 LD21-2459	U14-211226	SA13-1310	Monteverde	24 PT IV - 19	F5	SCN
9 LD21-5922	LD13-8769	LD14-3702	Monteverde	24 SCN P IV	F5	SCN, soja
10 LD21-7183	LD15-456	LD15-8459	Monteverde	24 PT IV - 20	F5	SCN
11 LD22-10180	U14-925152	20506064GDM	Monteverde	Initial		SCN(rhg1+4)
12 LD22-10268	U14-910097	20506064GDM	Monteverde	Initial		SCN(rhg1+4)
13 LD22-10592	LD15-1628	LD15-3818	Monteverde	Initial		SCN
14 LD22-10772	20506078GDM	LD11-2170	Monteverde	Initial		
15 LD22-10866	20506078GDM	LD15-5776793	Monteverde	Initial		SCN
16 LD22-10880	20506078GDM	LD15-5776793	Monteverde	24 SCN P IV	F5	SCN
17 LD22-10986	LD15-5776793	LD15-8459	Monteverde	Initial		SCN, soja
18 LD22-2372	20506078GDM	LD11-2170	Monteverde	Initial		
19 LD22-6011	LD15-3818	LD15-5776793	Monteverde	Initial		SCN
20 LD22-6253	S13-2743C	LD15-5776793	Monteverde	Initial		SCN
21 LD22-6446	20506067GDM	LD15-5782791	Monteverde	Initial		SCN
22 LG21-2490	LD07-3395bf	LG11-6760	Mahan	24 PT IV - 23	F6	25% exotic pedigree
23 LG21-2844	LG11-3463	U11-614119	Mahan	24 PT IV - 25	F6	
24 LW18-14009	LG09-8165	LD04-12754 x (LG00-3372 x PI385942)	Mahan	24 PT IV - 27	F6	75% exotic pedigree
25 SA19-5082	SA13-1385	LD11-2170	Scaboo	1	F5	Rhg1-b, Rps1k, Rdc3
26 SA21-3047	SA17-19269	SA13-1310	Scaboo	24 PT IV - 32	F5	
27 SA21-3530	SA13-2699	LD15-5776793	Scaboo	24 PT IV - 33	F5	rhg1-b, Rps1c, BSR, Rdc3
28 SA21-3590	SA13-2699	LD15-5776793	Scaboo	1	F5	SCN, Rps1c
29 SA21-4168	SA14-9653	LD15-5776793	Scaboo	24 PT IV - 35	F5	rhg1-b, Rps1c, BSR, Rdc3

UNIFORM TEST IV, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
LD15-3818 (IV)	PLtTDYBI
LD07-3395bf (SCN) (E)	WGTDYBfI
K18-1994 (L)	WGTDYBfI
CR20-5030	P+WLtBSYBI
CR21-02084	P+WGTDYHI
CR21-02090	PGBSYHI
LD20-11748	PLtTDYBrI
LD21-2459	PLtBDYBI
LD21-5922	PLtBDYBI
LD21-7183	WltBDYBI
LD22-10180	PLtBSYBI
LD22-10268	PLtTDYHI
LD22-10592	P+WT+Lt+GB+TDYHI
LD22-10772	PLtBDYBI
LD22-10866	PLtBDYBI
LD22-10880	PLtBDYBI
LD22-10986	PLtTDYBI
LD22-2372	PLtBDYBrI
LD22-6011	PLtTDYBI
LD22-6253	P+WGBDYHI
LD22-6446	PTBDYBI
LG21-2490	PGTDYIbI
LG21-2844	WltTDYBI
LW18-14009	PLt+GBDYHI
SA19-5082	PLtTDYBI
SA21-3047	PGTDYIbI
SA21-3530	PGBDYIbI
SA21-3590	PLtBSYBI
SA21-4168	PLtBSYBI

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UNIFORM TEST IV, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 7 Date	Lodging 8 Score	Plant Height 7 In.	Seed Size 7 g/100	Seed Quality 7 Score	<u>Composition</u>	
								Protein 7 %	Oil 7 %
LD15-3818 (IV)	70.5	12	9/28	1.3	37	14.3	2.0	34.3	19.2
LD07-3395bf (SCN) (E)	72.9	1	-1.7	1.6	35	14.2	1.9	32.1	20.3
K18-1994 (L)	66.3	26	6.9	1.7	32	14.3	2.1	33.1	20.1
CR20-5030	65.2	27	-5.0	1.3	32	12.6	1.9	34.0	19.3
CR21-02084	64.5	29	-2.6	2.8	37	13.3	1.9	33.1	19.5
CR21-02090	64.6	28	-7.2	1.4	33	11.7	1.7	33.0	19.9
LD20-11748	71.4	7	-0.7	1.5	35	13.2	1.7	32.4	20.3
LD21-2459	72.7	2	-1.0	1.4	36	14.1	1.5	32.2	19.5
LD21-5922	71.7	5	-1.8	1.6	40	13.5	1.5	33.2	19.1
LD21-7183	67.7	22	-4.1	2.2	37	13.4	1.9	32.2	20.1
LD22-10180	71.4	7	1.2	2.4	36	15.7	1.5	33.2	20.0
LD22-10268	68.1	21	3.7	2.4	37	14.3	1.4	32.8	19.9
LD22-10592	68.8	19	-1.1	2.2	37	13.4	1.7	34.7	18.9
LD22-10772	70.0	14	3.0	2.1	37	13.0	1.4	31.4	20.5
LD22-10866	72.1	3	1.8	2.2	35	16.6	1.7	32.5	19.6
LD22-10880	68.2	20	1.4	2.0	36	16.0	1.7	33.2	19.2
LD22-10986	71.0	9	-3.3	2.7	39	13.7	1.7	33.0	20.0
LD22-2372	69.7	16	3.2	1.9	37	15.5	1.6	32.1	20.2
LD22-6011	69.6	17	-2.8	1.2	34	14.7	1.9	32.9	20.0
LD22-6253	70.1	13	-0.5	2.0	37	14.3	1.6	32.9	19.8
LD22-6446	67.6	24	4.4	2.3	38	16.1	1.7	31.8	19.7
LG21-2490	69.2	18	0.5	2.2	39	15.1	1.9	33.5	20.2
LG21-2844	67.3	25	0.9	1.9	40	13.9	1.8	34.9	18.4
LW18-14009	67.7	23	-1.6	2.0	38	13.1	1.7	33.6	19.0
SA19-5082	71.7	6	-2.2	2.1	36	12.6	1.4	32.5	20.3
SA21-3047	71.0	10	-0.3	2.4	37	13.6	1.6	32.6	20.1
SA21-3530	70.6	11	-2.0	1.9	36	14.8	1.6	32.7	19.3
SA21-3590	72.1	4	-0.2	1.1	34	16.2	1.6	33.2	19.5
SA21-4168	69.9	15	-2.4	1.6	37	14.4	1.6	33.5	19.2
Mean	69.4			1.9	36.3	14.2	1.7	33.0	19.7
C.V. (%)	6.5								
L.S.D. (5%)	2.6								

130.7 Days After Planting

UNIFORM TEST IV, 2025**2024-2025 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	<u>Composition</u>	
								Protein %	Oil %
LD15-3818 (IV)	74.7	3	9/29	1.3	36	15.3	1.8	34.5	19.5
LD07-3395bf (SCN) (E)	74.8	2	-2.5	1.6	33	15.4	1.7	32.1	20.5
K18-1994 (L)	69.9	6	5.0	1.5	32	14.6	1.9	32.8	20.2
CR20-5030	69.5	7	-4.2	1.3	33	13.8	1.7	34.0	19.6
LD20-11748	76.2	1	-1.5	1.4	35	14.2	1.5	32.9	20.4
SA19-5082	73.7	4	-2.5	1.9	36	13.5	1.3	32.8	20.5
SA21-3590	73.3	5	-0.6	1.1	34	16.5	1.5	33.8	19.6

127.4 Days After Planting

UNIFORM TEST IV, 2025

YIELD (bu/a)

Strain	Mean 8 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	70.5	49.7	65.1	75.6	88.1	86.8	65.9	49.6	86.0
LD07-3395bf (SCN) (E)	72.9	56.2	72.4	63.0	94.7	87.4	66.8	55.6	89.7
K18-1994 (L)	66.3	49.5	60.0	61.6	85.9	76.3	66.0	57.6	76.4
CR20-5030	65.2	51.6	57.7	67.1	81.8	82.2	61.6	46.2	76.4
CR21-02084	64.5	45.5	69.7	59.5	77.0	75.6	61.8	51.9	77.2
CR21-02090	64.6	49.4	60.9	52.1	84.6	80.9	64.0	49.4	78.1
LD20-11748	71.4	55.1	69.8	64.8	87.2	85.1	71.7	54.2	85.8
LD21-2459	72.7	54.5	67.9	70.3	92.4	94.9	71.3	56.0	77.1
LD21-5922	71.7	57.3	73.4	70.6	83.3	83.6	69.0	54.8	84.6
LD21-7183	67.7	44.5	67.6	69.2	83.8	84.9	65.1	49.6	79.7
LD22-10180	71.4	59.0	70.6	75.6	83.3	83.1	66.3	55.4	80.3
LD22-10268	68.1	48.3	69.0	59.4	83.5	79.8	72.5	57.8	77.5
LD22-10592	68.8	50.8	67.0	70.7	79.3	88.5	65.1	54.1	77.2
LD22-10772	70.0	47.0	69.1	66.5	88.3	86.7	65.4	60.6	78.9
LD22-10866	72.1	51.5	75.7	71.7	83.2	86.2	70.0	57.5	83.6
LD22-10880	68.2	56.0	66.8	61.5	82.1	87.0	66.7	53.2	75.0
LD22-10986	71.0	51.9	75.0	70.1	88.1	85.8	66.4	54.1	79.4
LD22-2372	69.7	52.8	71.5	61.3	88.1	85.2	60.4	60.9	80.3
LD22-6011	69.6	55.1	75.4	73.5	81.8	83.8	64.4	49.0	76.5
LD22-6253	70.1	54.7	72.8	60.7	92.2	86.2	67.1	49.7	80.0
LD22-6446	67.6	48.2	63.3	65.0	81.8	86.4	62.9	57.9	78.1
LG21-2490	69.2	53.2	70.6	64.6	89.7	83.1	65.4	55.2	74.4
LG21-2844	67.3	58.5	64.0	68.2	81.3	78.5	63.5	56.5	70.2
LW18-14009	67.7	51.6	70.1	70.9	79.4	86.5	56.4	57.0	72.1
SA19-5082	71.7	63.7	71.1	62.9	87.2	88.2	68.1	55.1	79.7
SA21-3047	71.0	54.0	68.2	64.5	86.0	87.9	70.5	49.1	90.1
SA21-3530	70.6	56.8	71.0	60.2	90.7	88.0	67.8	53.8	78.9
SA21-3590	72.1	54.1	72.9	69.6	87.6	85.3	70.0	55.4	84.6
SA21-4168	69.9	59.3	70.2	62.3	85.5	80.8	71.0	54.9	77.7
Location Mean		53.1	68.9	66.0	85.4	84.6	66.3	54.2	79.5
C.V. (%)		8.9	6.9	8.9	4.3	4.6	5.0	5.3	6.8
L.S.D. (5%)		9.6	9.8	12.0	7.5	7.9	5.4	4.7	8.8
Row Sp. (In.)		30	30	30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4	4	4
Reps		2	2	2	2	2	3	3	3

UNIFORM TEST IV, 2025

YIELD RANK

Strain	Mean 8 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	12	22	24	2	7	8	17	24	3
LD07-3395bf (SCN) (E)	1	7	7	19	1	6	12	10	2
K18-1994 (L)	26	23	28	22	14	28	16	5	24
CR20-5030	27	19	29	13	23	23	27	29	25
CR21-02084	29	28	16	27	29	29	26	22	20
CR21-02090	28	24	27	29	16	24	23	26	16
LD20-11748	7	9	15	16	12	17	2	17	4
LD21-2459	2	12	20	8	2	1	3	9	22
LD21-5922	5	5	4	7	19	20	8	16	5
LD21-7183	22	29	21	11	17	18	20	25	12
LD22-10180	7	3	11	1	19	22	15	11	8
LD22-10268	21	25	18	28	18	26	1	4	19
LD22-10592	19	21	22	6	28	2	20	19	20
LD22-10772	14	27	17	14	6	9	19	2	14
LD22-10866	3	20	1	4	21	12	7	6	7
LD22-10880	20	8	23	23	22	7	13	21	26
LD22-10986	9	17	3	9	7	14	14	18	13
LD22-2372	16	16	8	24	7	16	28	1	9
LD22-6011	17	9	2	3	25	19	22	28	23
LD22-6253	13	11	6	25	3	12	11	23	10
LD22-6446	24	26	26	15	23	11	25	3	16
LG21-2490	18	15	11	17	5	21	18	13	27
LG21-2844	25	4	25	12	26	27	24	8	29
LW18-14009	23	18	14	5	27	10	29	7	28
SA19-5082	6	1	9	20	11	3	9	14	11
SA21-3047	10	14	19	18	13	5	5	27	1
SA21-3530	11	6	10	26	4	4	10	20	14
SA21-3590	4	13	5	10	10	15	6	12	6
SA21-4168	15	2	13	21	15	25	4	15	18

UNIFORM TEST IV, 2025

MATURITY (date)

Strain	Mean 7 Tests	Belleville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	9/28		9/29	9/30	9/21	9/27	9/30	10/6	9/23
LD07-3395bf (SCN) (E)	-2		-2	-5	-1	-1	0	-1	-2
K18-1994 (L)	7		4	6	7	7	8	7	10
CR20-5030	-5		-5	-5	-4	-4	-5	-9	-4
CR21-02084	-3		-4	-6	-1	-3	-4	-1	-1
CR21-02090	-7		-7	-8	-5	-6	-5	-10	-10
LD20-11748	-1		0	-1	0	-2	-2	1	-1
LD21-2459	-1		-3	-2	0	-2	-0	-1	1
LD21-5922	-2		-4	-2	2	-2	-2	2	-6
LD21-7183	-4		-5	-6	-2	-4	-1	-4	-7
LD22-10180	1		-1	0	4	-1	2	3	1
LD22-10268	4		3	3	6	3	3	5	3
LD22-10592	-1		-4	-2	1	-1	0	-1	0
LD22-10772	3		1	0	3	2	5	5	5
LD22-10866	2		2	2	3	-2	4	4	0
LD22-10880	1		1	-1	1	-1	4	7	0
LD22-10986	-3		-4	-5	-3	-3	-2	-2	-4
LD22-2372	3		3	1	5	1	7	5	2
LD22-6011	-3		-3	-4	0	-4	-1	-2	-7
LD22-6253	-0		-1	-3	2	-1	-1	0	1
LD22-6446	4		2	3	5	1	7	7	6
LG21-2490	1		-1	-1	4	0	0	0	1
LG21-2844	1		1	0	2	2	1	1	0
LW18-14009	-2		-4	-4	1	0	-3	-2	0
SA19-5082	-2		-6	-6	1	-1	-0	-0	-3
SA21-3047	-0		-1	-3	3	2	1	-0	-3
SA21-3530	-2		-2	-5	-1	-2	-1	0	-4
SA21-3590	-0		1	0	1	-2	-1	0	0
SA21-4168	-2		-4	-5	-1	-3	-1	-3	-1
Date Planted	5/20	5/20	5/20	5/19	5/19	5/10	5/14	6/16	5/13
Days to Mature	131		132	134	125	140	139	112	133

UNIFORM TEST IV, 2025

LODGING (score)

Strain	Mean 8 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	1.3	1.5	1.0	1.0	1.5	1.0	1.0	1.7	1.5
LD07-3395bf (SCN) (E)	1.6	2.8	1.8	1.0	1.0	1.5	1.3	1.7	2.0
K18-1994 (L)	1.7	2.3	2.0	1.0	1.5	2.0	1.0	1.0	2.5
CR20-5030	1.3	1.8	1.0	1.0	1.0	1.0	1.0	1.7	1.5
CR21-02084	2.8	4.0	2.0	1.5	3.5	2.5	3.0	2.0	3.5
CR21-02090	1.4	1.5	1.0	1.0	1.5	1.0	1.3	1.7	2.0
LD20-11748	1.5	2.5	1.5	1.3	1.0	1.0	1.3	1.3	2.0
LD21-2459	1.4	1.8	1.0	1.0	1.0	1.0	1.0	1.0	3.0
LD21-5922	1.6	3.0	1.5	1.0	2.0	1.0	1.7	1.0	1.5
LD21-7183	2.2	3.0	2.0	1.3	2.0	2.5	3.0	2.0	2.0
LD22-10180	2.4	3.8	2.0	1.3	3.0	2.0	1.7	1.7	3.5
LD22-10268	2.4	4.5	2.0	2.0	2.5	2.5	1.7	1.3	2.5
LD22-10592	2.2	4.3	1.5	1.5	2.0	1.5	2.0	2.3	2.5
LD22-10772	2.1	3.3	2.0	1.5	2.0	2.0	1.0	2.0	3.0
LD22-10866	2.2	4.3	2.0	1.5	2.5	2.0	1.7	1.0	2.5
LD22-10880	2.0	3.5	2.0	1.5	1.5	2.0	2.0	1.3	2.5
LD22-10986	2.7	4.5	2.0	1.8	2.5	3.0	3.0	2.0	3.0
LD22-2372	1.9	3.0	2.0	1.3	2.0	1.5	1.0	2.0	2.5
LD22-6011	1.2	1.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
LD22-6253	2.0	3.3	1.5	1.0	2.5	2.0	1.7	1.3	2.5
LD22-6446	2.3	3.5	2.0	1.8	3.0	2.0	1.7	1.0	3.5
LG21-2490	2.2	3.5	1.5	1.3	2.0	2.0	2.3	1.3	3.5
LG21-2844	1.9	2.8	2.0	1.0	2.5	1.5	1.7	1.0	2.5
LW18-14009	2.0	1.8	2.0	1.5	2.5	2.0	2.0	1.3	2.5
SA19-5082	2.1	2.8	2.0	1.3	1.5	2.0	2.3	2.0	2.5
SA21-3047	2.4	3.0	2.0	1.3	3.0	2.5	3.0	2.0	2.5
SA21-3530	1.9	3.5	1.5	1.0	2.0	2.0	1.0	1.0	3.0
SA21-3590	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5
SA21-4168	1.6	1.8	2.0	1.0	2.0	1.0	1.0	2.0	2.0

UNIFORM TEST IV, 2025

PLANT HEIGHT (inches)

Strain	Mean 7 Tests	Belleville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	37		36	41	34	36	38	33	40
LD07-3395bf (SCN) (E)	35		35	36	34	36	35	30	38
K18-1994 (L)	32		30	32	33	36	32	28	33
CR20-5030	32		32	32	32	34	33	31	34
CR21-02084	37		35	37	37	40	37	34	37
CR21-02090	33		33	32	34	34	35	32	34
LD20-11748	35		35	36	32	37	37	33	36
LD21-2459	36		34	37	36	37	37	32	41
LD21-5922	40		40	43	39	42	41	36	37
LD21-7183	37		36	39	34	38	39	35	38
LD22-10180	36		36	38	34	37	37	32	39
LD22-10268	37		37	38	34	38	38	35	39
LD22-10592	37		37	38	35	38	38	34	38
LD22-10772	37		35	40	37	41	37	32	36
LD22-10866	35		35	37	34	36	35	32	35
LD22-10880	36		38	38	34	41	37	30	36
LD22-10986	39		39	41	39	41	38	34	40
LD22-2372	37		37	38	37	39	38	33	39
LD22-6011	34		35	37	33	36	34	32	33
LD22-6253	37		36	36	37	41	36	33	37
LD22-6446	38		37	39	37	42	39	34	37
LG21-2490	39		40	41	39	41	39	34	41
LG21-2844	40		39	43	38	43	42	37	38
LW18-14009	38		38	41	34	41	40	35	37
SA19-5082	36		35	38	35	40	36	33	38
SA21-3047	37		36	38	33	40	37	33	39
SA21-3530	36		37	34	38	40	37	34	35
SA21-3590	34		33	35	33	38	35	32	35
SA21-4168	37		36	38	37	38	39	35	38

UNIFORM TEST IV, 2025

SEED SIZE (g/100)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	14.3	14.8	13.4	13.4		14.2	15.2	16.5	12.7
LD07-3395bf (SCN) (E)	14.2	13.6	14.0	12.5		14.7	14.2	17.5	13.1
K18-1994 (L)	14.3	13.2	13.7	13.2		14.7	14.4	17.4	13.3
CR20-5030	12.6	12.1	12.8	11.9		13.2	13.5	14.1	10.8
CR21-02084	13.3	12.2	12.5	12.2		13.4	14.1	16.0	12.4
CR21-02090	11.7	11.5	11.4	11.1		12.5	12.0	13.2	10.1
LD20-11748	13.2	13.3	12.6	11.8		13.3	13.9	16.2	11.6
LD21-2459	14.1	14.0	13.4	12.5		14.3	15.1	17.1	12.0
LD21-5922	13.5	12.8	13.0	12.2		13.9	13.9	17.0	11.4
LD21-7183	13.4	12.3	13.6	12.4		13.9	14.1	16.0	11.7
LD22-10180	15.7	15.4	14.9	14.1		16.3	14.5	20.2	14.6
LD22-10268	14.3	14.4	13.4	12.8		13.8	16.3	16.7	12.4
LD22-10592	13.4	13.2	12.3	12.0		13.6	14.6	16.2	11.8
LD22-10772	13.0	12.1	12.1	11.4		12.9	14.0	16.1	12.3
LD22-10866	16.6	16.0	15.8	15.2		16.5	17.7	20.0	14.8
LD22-10880	16.0	15.4	15.3	14.0		16.5	17.1	20.4	13.3
LD22-10986	13.7	13.4	13.3	12.8		14.1	13.4	16.8	12.4
LD22-2372	15.5	14.7	14.8	13.8		15.1	17.2	18.7	13.9
LD22-6011	14.7	14.0	14.0	13.8		15.0	15.8	17.7	12.7
LD22-6253	14.3	13.5	14.0	12.8		14.1	14.5	17.9	13.4
LD22-6446	16.1	15.6	15.3	14.1		16.1	16.9	20.3	14.4
LG21-2490	15.1	14.5	14.9	13.3		15.3	15.4	18.7	13.5
LG21-2844	13.9	13.4	13.4	12.6		13.9	14.6	18.3	11.2
LW18-14009	13.1	12.6	11.9	11.9		13.4	14.1	16.1	11.8
SA19-5082	12.6	11.6	11.2	11.0		13.1	14.1	16.2	10.9
SA21-3047	13.6	12.7	13.1	11.8		13.5	14.6	17.0	12.5
SA21-3530	14.8	14.2	14.2	13.2		14.7	16.4	18.4	12.2
SA21-3590	16.2	14.5	15.7	15.0		15.9	17.5	20.5	14.2
SA21-4168	14.4	14.0	13.7	13.1		14.2	15.4	18.0	12.6

UNIFORM TEST IV, 2025

SEED QUALITY (score)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	2.0	3.0	2.0	2.0		1.0	2.0	3.0	1.0
LD07-3395bf (SCN) (E)	1.9	3.0	2.0	2.0		1.0	2.0	2.0	1.0
K18-1994 (L)	2.1	2.0	2.0	3.0		1.0	3.0	2.0	2.0
CR20-5030	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
CR21-02084	1.9	2.0	2.0	2.0		1.0	2.0	2.0	2.0
CR21-02090	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
LD20-11748	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
LD21-2459	1.5	2.0	1.5	2.0		1.0	1.0	2.0	1.0
LD21-5922	1.5	2.0	1.5	2.0		1.0	1.0	2.0	1.0
LD21-7183	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
LD22-10180	1.5	2.0	1.5	1.0		1.0	3.0	1.0	1.0
LD22-10268	1.4	2.0	2.0	2.0		1.0	1.0	1.0	1.0
LD22-10592	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
LD22-10772	1.4	2.0	2.0	1.0		1.0	1.0	2.0	1.0
LD22-10866	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
LD22-10880	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
LD22-10986	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
LD22-2372	1.6	2.0	2.0	1.0		1.0	2.0	2.0	1.0
LD22-6011	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
LD22-6253	1.6	2.0	2.0	2.0		1.0	2.0	1.0	1.0
LD22-6446	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
LG21-2490	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
LG21-2844	1.8	2.0	2.0	2.0		1.5	2.0	2.0	1.0
LW18-14009	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
SA19-5082	1.4	2.0	2.0	2.0		1.0	1.0	1.0	1.0
SA21-3047	1.6	2.0	2.0	1.0		1.0	2.0	2.0	1.0
SA21-3530	1.6	2.0	2.0	1.0		1.0	2.0	2.0	1.0
SA21-3590	1.6	2.0	2.0	2.0		1.0	1.0	2.0	1.0
SA21-4168	1.6	2.0	2.0	2.0		1.0	1.0	2.0	1.0

UNIFORM TEST IV, 2025

PROTEIN (%)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	34.3	34.3	33.8	35.1		35.2	33.7	32.9	34.9
LD07-3395bf (SCN) (E)	32.1	32.9	31.6	31.6		32.2	33.4	30.3	32.7
K18-1994 (L)	33.1	32.6	32.4	34.6		34.2	32.4	31.3	34.3
CR20-5030	34.0	33.8	34.1	33.5		35.6	33.8	33.1	34.1
CR21-02084	33.1	33.3	32.7	32.4		33.0	33.8	32.5	34.3
CR21-02090	33.0	33.2	33.3	32.7		33.8	33.4	31.6	33.3
LD20-11748	32.4	32.6	32.9	32.0		33.5	30.3	31.7	34.1
LD21-2459	32.2	32.1	32.0	31.0		33.0	32.8	30.8	34.0
LD21-5922	33.2	32.9	32.9	33.7		34.3	32.1	34.7	32.1
LD21-7183	32.2	32.1	32.3	32.0		32.8	32.5	30.7	33.2
LD22-10180	33.2	31.8	32.6	34.0		33.8	33.5	32.7	34.2
LD22-10268	32.8	34.1	32.9	32.6		32.6	32.3	31.2	33.9
LD22-10592	34.7	34.9	33.9	35.7		34.4	35.1	33.3	35.5
LD22-10772	31.4	32.3	31.3	31.0		31.7	31.5	29.3	32.9
LD22-10866	32.5	32.6	32.0	32.1		32.6	33.8	31.3	33.0
LD22-10880	33.2	33.0	32.7	32.9		34.4	32.5	32.6	34.5
LD22-10986	33.0	32.9	32.4	33.3		33.0	33.1	32.7	33.9
LD22-2372	32.1	31.6	32.6	32.8		32.7	32.0	30.8	32.4
LD22-6011	32.9	32.9	33.3	32.7		33.7	32.8	31.6	33.3
LD22-6253	32.9	31.9	33.1	32.9		33.1	32.9	31.8	34.4
LD22-6446	31.8	31.4	31.5	31.1		32.2	30.8	32.3	33.4
LG21-2490	33.5	33.4	33.8	34.4		33.6	33.9	31.2	34.0
LG21-2844	34.9	33.2	34.5	34.6		36.0	35.5	34.1	36.3
LW18-14009	33.6	34.1	32.7	32.9		33.8	34.3	32.6	34.6
SA19-5082	32.5	32.0	31.5	32.3		34.0	33.1	30.9	33.9
SA21-3047	32.6	32.3	32.6	32.3		33.5	33.0	31.2	33.2
SA21-3530	32.7	33.0	32.3	31.6		33.3	33.4	31.4	33.6
SA21-3590	33.2	33.0	32.9	33.6		33.5	33.5	32.2	34.0
SA21-4168	33.5	33.9	33.0	32.6		34.3	32.1	34.0	34.5

UNIFORM TEST IV, 2025

OIL (%)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	19.2	19.3	19.3	18.7		18.0	19.7	20.1	19.3
LD07-3395bf (SCN) (E)	20.3	19.9	20.4	20.3		19.9	20.0	21.5	20.0
K18-1994 (L)	20.1	20.5	19.3	18.6		22.6	19.6	20.8	19.0
CR20-5030	19.3	19.9	19.3	19.2		18.3	19.2	20.1	19.3
CR21-02084	19.5	19.8	19.7	19.7		18.9	19.0	20.6	19.0
CR21-02090	19.9	19.9	19.7	20.4		19.0	19.5	20.8	19.6
LD20-11748	20.3	20.8	19.9	20.4		19.4	20.8	21.0	19.7
LD21-2459	19.5	20.3	19.5	19.8		18.6	19.2	20.5	18.9
LD21-5922	19.1	19.8	18.8	18.7		18.4	19.8	18.2	20.0
LD21-7183	20.1	20.7	20.1	20.2		19.1	19.9	21.2	19.3
LD22-10180	20.0	20.8	20.0	19.7		19.5	19.6	20.8	19.7
LD22-10268	19.9	19.5	19.7	20.0		19.2	20.3	21.2	19.6
LD22-10592	18.9	19.0	19.0	18.6		18.4	18.7	20.4	18.6
LD22-10772	20.5	20.5	20.2	20.1		19.9	20.3	22.9	20.0
LD22-10866	19.6	19.6	19.5	19.4		18.9	19.6	20.5	19.7
LD22-10880	19.2	19.8	19.3	19.3		18.2	19.5	19.8	18.7
LD22-10986	20.0	20.3	20.0	20.0		19.4	19.9	20.5	20.1
LD22-2372	20.2	20.9	19.6	19.7		19.4	20.1	21.3	20.4
LD22-6011	20.0	20.3	19.7	19.9		18.9	20.1	21.1	20.0
LD22-6253	19.8	20.0	19.5	20.0		19.0	20.0	20.5	19.5
LD22-6446	19.7	20.3	20.1	18.8		19.4	19.6	20.0	19.5
LG21-2490	20.2	20.4	20.0	19.7		19.9	19.9	21.4	20.3
LG21-2844	18.4	19.8	18.4	18.1		17.3	18.0	19.4	18.0
LW18-14009	19.0	18.9	19.3	19.0		18.5	19.0	19.7	18.8
SA19-5082	20.3	21.2	20.4	20.1		19.2	20.2	21.5	19.9
SA21-3047	20.1	20.3	19.6	20.3		19.2	20.0	21.1	20.2
SA21-3530	19.3	19.7	19.1	19.9		18.3	19.3	20.4	18.7
SA21-3590	19.5	19.8	19.1	19.3		18.9	19.7	19.9	19.6
SA21-4168	19.2	19.6	18.9	19.1		17.7	20.9	19.4	18.9

**Northern Regional Uniform Test
Preliminary Test IV, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	LD15-3818 (IV)	LD09-3913	BN09002129	Monteverde		F5	SCN, Rps1a
2	LD07-3395bf (SCN) (E)	LD07-3395 Reselection		Monteverde		F5	SCN
3	K18-1994 (L)	LD07-3395bf	K11-2363T	Schapaugh		F4	SCN
4	CR22-02115			Rainey	Initial		
5	CR22-02235			Rainey	Initial		
6	CR22-02587			Rainey	Initial		
7	CR22-02827			Rainey	Initial		
8	CR22-03094			Rainey	Initial		
9	CR22-03875			Rainey	Initial		
10	CR22-04619			Rainey	Initial		
11	CR22-04963			Rainey	Initial		
12	CR22-05016			Rainey	Initial		
13	CR22-05577			Rainey	Initial		
14	CR22-05598			Rainey	Initial		
15	K21-1590	KS4117Ns	PI 661090	Schapaugh	Initial	F5	
16	K22-1132	LD15-57776793	K15-1283	Schapaugh	Initial	F5	
17	K22-1186	LD15-57776793	SA14-5854	Schapaugh	Initial	F5	
18	K22-1214	LD15-57776793	SA14-5854	Schapaugh	Initial	F5	
19	K22-1291	LD15-57776793	CR15-1382	Schapaugh	Initial	F5	
20	K22-1313	LD15-57776793	CR15-1382	Schapaugh	Initial	F5	
21	K22-1392	LD15-8459	LG17-8693	Schapaugh	Initial	F5	
22	K22-1407	LG16-2547	U15-606207	Schapaugh	Initial	F5	
23	K22-1452	LG16-2547	U15-606207	Schapaugh	Initial	F5	
24	K22-1529	U15-606207	LG17-8693	Schapaugh	Initial	F5	
25	LG21-2835	LG11-3463	U11-614119	Mahan	Initial	F6	
26	LG22-3432	LG11-5178	LG11-6215	Mahan	Initial	F6	33% exotic pedigree
27	LG22-3752	LG14-6271	LG13-10445	Mahan	Initial	F6	13% exotic pedigree, 2 soja G-parents
28	LG22-3919	LG14-6169	LG11-6760	Mahan	Initial	F6	38% exotic pedigree
29	LG22-3920	LG14-6169	LG11-6760	Mahan	Initial	F6	38% exotic pedigree
30	LG22-4785	LG14-11757	LG11-6760	Mahan	Initial	F6	29% exotic pedigree
31	LG22-4870	LG14-14316	LG11-6760	Mahan	Initial	F6	
32	LG22-5041	LG14-6169	LG11-6760	Mahan	Initial	F6	38% exotic pedigree
33	SA19-8221	SA13-1385	LD12-10534	Scaboo	Initial	F5	BSR, Rdc3
34	SA21-3592	SA13-2699	LD15-57776793	Scaboo	Initial	F5	rhg1-b, Rps1c, Rdc3
35	SA21-5842	SA17-16316	LD15-57776793	Scaboo	Initial	F5	rhg1-b, Rps1c, BSR, Rdc3
36	SA22-4986	SA13-1385	U15-322140	Scaboo	Initial	F5	rhg1-b, Rdc3
37	SA22-5072	SA14-9653	U15-322140	Scaboo	Initial	F5	rhg1-b, Rps1c, BSR, Rdc3
38	SA22-6057	SA17-21156	U15-322140	Scaboo	Initial	F5	Rhg4, Rdc3

PRELIMINARY TEST IV, 2025
DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
LD15-3818 (IV)	PLtTDYBI
LD07-3395bf (SCN) (E)	WGTDYBfi
K18-1994 (L)	WGTDYBfi
CR22-02115	PLtBDYBI
CR22-02235	WTTSYBI
CR22-02587	WLtTDYBI
CR22-02827	WLtTDYBI
CR22-03094	WLtTDYBI
CR22-03875	WTB+TDYBI
CR22-04619	WTTSYBI
CR22-04963	PLtTDYBI
CR22-05016	WTTDYBI
CR22-05577	WTTSYBI
CR22-05598	PLtTDYBI
K21-1590	PLtBDYBI
K22-1132	PLtBSYBI
K22-1186	PGTSYIbi
K22-1214	PGTDYIbi
K22-1291	PLtBSYBI
K22-1313	PLtBSYBI
K22-1392	PLtBSYBI
K22-1407	PGBDYBfi
K22-1452	PGTDYBfi
K22-1529	PLtTSYBrI
LG21-2835	PLtTSYBI
LG22-3432	WTTDYBI
LG22-3752	WLtBSYBI
LG22-3919	PLtBSYBI
LG22-3920	PLtBSYBI
LG22-4785	PTTDYBI
LG22-4870	WLtBDYBI
LG22-5041	WLtBSYBI
SA19-8221	WLtTDYBI
SA21-3592	PLtTDYBfi
SA21-5842	PLtBSYBI
SA22-4986	WLtTSYBI
SA22-5072	PTBDYBI
SA22-6057	WLtBDYBI

PRELIMINARY TEST IV, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 7 Date	Lodging 8 Score	Plant Height 7 In.	Seed Size 7 g/100	Seed Quality 7 Score	Composition	
								Protein 7 %	Oil 7 %
LD15-3818 (IV)	71.1	1	9/27	1.4	37	14.1	1.9	34.2	19.1
LD07-3395bf (SCN) (E)	69.3	6	-2.1	1.5	34	14.3	1.9	32.3	20.4
K18-1994 (L)	66.0	19	6.6	1.7	32	14.5	2.2	33.2	19.7
CR22-02115	60.0	36	-5.4	2.5	43	12.4	1.6	32.7	19.7
CR22-02235	59.5	38	-3.9	2.5	40	14.4	1.7	33.1	19.4
CR22-02587	64.8	23	-7.3	1.3	33	14.4	1.6	32.3	19.7
CR22-02827	64.4	28	-6.4	1.4	31	13.8	1.7	32.1	19.9
CR22-03094	64.9	22	-6.4	1.5	34	14.2	1.6	32.4	19.8
CR22-03875	62.0	35	-5.1	1.9	37	13.7	1.9	34.0	19.0
CR22-04619	64.6	26	-5.9	1.5	36	12.2	2.1	33.9	19.5
CR22-04963	66.2	16	-4.4	1.4	34	14.2	1.7	34.3	19.7
CR22-05016	65.2	21	-5.6	1.4	36	12.3	1.9	33.4	19.9
CR22-05577	64.4	29	-4.7	1.5	36	12.2	2.1	33.6	19.8
CR22-05598	66.1	18	-0.6	1.9	37	15.6	1.6	35.0	19.5
K21-1590	64.0	30	-0.2	1.8	37	14.2	1.9	34.4	18.7
K22-1132	67.9	11	3.9	1.4	37	15.7	1.9	34.4	19.0
K22-1186	68.4	8	-1.1	1.4	34	14.2	2.0	33.5	18.5
K22-1214	66.1	17	-2.9	1.2	33	13.7	2.0	32.7	19.7
K22-1291	69.8	4	-3.5	2.3	35	15.6	2.1	33.0	20.1
K22-1313	69.1	7	-0.6	1.3	35	14.5	1.6	33.4	19.6
K22-1392	64.8	24	3.2	3.0	43	15.7	1.7	34.2	19.3
K22-1407	67.3	15	-3.2	2.3	37	12.3	1.4	32.2	19.8
K22-1452	68.1	10	-2.1	1.7	35	14.0	1.8	32.0	20.9
K22-1529	63.0	34	4.2	2.1	43	15.0	1.7	34.1	19.1
LG21-2835	67.7	13	-0.3	1.5	38	13.9	1.7	34.9	18.5
LG22-3432	63.4	33	-3.7	2.4	41	12.9	1.9	34.9	19.6
LG22-3752	59.6	37	-1.8	1.7	42	17.8	1.5	35.7	18.1
LG22-3919	68.2	9	0.0	1.8	38	15.9	1.6	34.3	19.2
LG22-3920	70.3	3	-1.9	1.6	39	14.1	1.9	33.5	19.0
LG22-4785	63.5	32	-2.1	1.8	37	14.7	1.9	33.8	19.0
LG22-4870	69.3	5	-1.3	2.9	41	13.9	1.8	32.5	19.8
LG22-5041	70.8	2	-2.0	2.5	41	14.6	1.8	33.4	19.6
SA19-8221	67.8	12	0.5	1.4	34	14.4	1.8	32.2	19.7
SA21-3592	64.5	27	0.2	1.6	38	13.5	1.4	32.3	19.6
SA21-5842	64.8	25	-0.8	1.4	36	16.5	1.6	34.6	19.2
SA22-4986	67.7	13	-0.4	1.7	36	14.0	1.5	31.7	20.0
SA22-5072	64.0	30	-1.0	1.5	37	14.5	1.5	33.9	19.5
SA22-6057	65.6	20	1.2	2.3	38	13.4	1.6	33.6	19.3
Mean	65.9			1.8	37.0	14.2	1.8	33.5	19.5
C.V. (%)	5.9								
L.S.D. (5%)	2.7								

130.3 Days After Planting

PRELIMINARY TEST IV, 2025

YIELD (bu/a)

Strain	Mean 8 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	71.1	56.6	63.8	71.0	91.2	87.0	69.4	45.2	84.8
LD07-3395bf (SCN) (E)	69.3	51.2	68.3	67.7	86.9	82.6	65.7	53.9	78.0
K18-1994 (L)	66.0	48.4	57.3	60.8	81.8	77.7	67.5	59.1	75.2
CR22-02115	60.0	49.6	54.7	60.2	77.5	74.2	52.3	46.5	65.4
CR22-02235	59.5	40.1	56.0	62.7	70.4	77.2	52.8	46.3	70.6
CR22-02587	64.8	51.7	60.4	66.6	84.3	79.0	55.0	43.6	78.4
CR22-02827	64.4	52.8	60.6	66.3	80.0	80.7	48.7	41.7	87.6
CR22-03094	64.9	50.7	62.6	67.7	83.8	85.7	52.7	41.5	74.1
CR22-03875	62.0	48.9	56.3	65.8	77.1	80.8	49.5	45.2	72.7
CR22-04619	64.6	49.0	61.9	65.0	86.3	79.8	55.6	51.4	67.7
CR22-04963	66.2	55.6	63.9	69.1	81.1	82.7	55.4	43.1	78.8
CR22-05016	65.2	51.2	63.8	64.3	77.9	86.5	58.2	42.1	77.4
CR22-05577	64.4	54.1	60.9	66.8	81.8	81.0	54.4	43.7	72.3
CR22-05598	66.1	51.5	65.9	66.8	80.2	81.7	54.7	51.1	77.0
K21-1590	64.0	52.3	60.9	68.0	81.0	78.6	55.1	41.0	75.5
K22-1132	67.9	56.3	62.4	63.8	87.7	78.6	70.3	48.9	75.7
K22-1186	68.4	58.1	62.4	62.1	84.9	81.6	71.7	48.2	78.1
K22-1214	66.1	55.2	64.4	69.2	82.3	73.6	57.0	47.1	80.5
K22-1291	69.8	55.0	67.7	74.3	83.8	88.2	57.9	45.2	86.1
K22-1313	69.1	55.9	65.0	67.8	82.3	86.2	62.7	54.2	78.5
K22-1392	64.8	50.9	62.1	67.0	79.2	74.5	59.0	56.1	69.9
K22-1407	67.3	44.3	64.3	72.9	84.0	81.9	65.8	53.5	72.0
K22-1452	68.1	50.6	62.6	69.7	80.9	81.8	71.5	53.4	74.5
K22-1529	63.0	51.8	62.4	66.0	73.1	73.7	60.7	56.6	59.5
LG21-2835	67.7	54.4	63.9	63.8	84.4	88.3	63.0	50.0	73.8
LG22-3432	63.4	50.1	59.1	64.0	76.0	74.4	54.6	50.9	78.7
LG22-3752	59.6	47.2	55.2	63.3	72.6	66.8	52.5	46.4	72.9
LG22-3919	68.2	56.9	63.5	72.5	79.6	79.6	60.9	61.4	71.4
LG22-3920	70.3	52.4	73.0	75.8	81.1	84.4	67.5	49.1	79.0
LG22-4785	63.5	51.1	55.1	67.0	75.8	75.0	63.9	50.4	69.8
LG22-4870	69.3	57.6	73.0	70.2	82.1	86.4	57.1	55.3	73.3
LG22-5041	70.8	53.8	70.5	71.7	85.9	83.6	61.0	53.5	86.4
SA19-8221	67.8	55.3	62.0	64.9	88.4	86.7	58.2	52.8	74.0
SA21-3592	64.5	53.8	63.6	65.2	75.1	78.7	62.9	53.1	63.3
SA21-5842	64.8	56.0	60.3	65.9	79.1	74.7	60.0	48.8	73.8
SA22-4986	67.7	60.3	63.7	68.4	75.3	79.2	64.2	55.9	74.7
SA22-5072	64.0	51.6	57.4	60.0	76.6	80.5	64.7	51.9	69.7
SA22-6057	65.6	49.6	56.3	62.1	77.2	89.3	58.8	59.7	72.0
Location Mean		52.4	62.3	66.7	80.7	80.6	59.8	49.9	74.8
C.V. (%)		5.7	7.4	5.2	4.4	5.7	4.4	4.7	7.4
L.S.D. (5%)		6.1	9.3	7.0	7.2	9.3	5.3	4.7	11.2
Row Sp. (In.)		30	30	30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4	4	4
Reps		2	2	2	2	2	2	2	2

PRELIMINARY TEST IV, 2025

YIELD RANK

Strain	Mean 8 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	1	5	12	6	1	4	4	29	4
LD07-3395bf (SCN) (E)	6	25	4	15	4	13	8	9	12
K18-1994 (L)	19	35	32	36	16	29	6	3	17
CR22-02115	36	31	38	37	28	35	36	26	36
CR22-02235	38	38	35	33	38	30	33	28	31
CR22-02587	23	21	28	20	9	25	29	33	10
CR22-02827	28	17	27	21	23	20	38	36	1
CR22-03094	22	28	17	14	11	9	34	37	20
CR22-03875	35	34	33	24	30	19	37	29	26
CR22-04619	26	33	24	26	5	22	26	16	35
CR22-04963	16	9	10	10	18	12	27	34	7
CR22-05016	21	24	12	28	27	6	21	35	13
CR22-05577	29	14	26	18	16	18	32	32	27
CR22-05598	18	23	6	19	22	16	30	17	14
K21-1590	30	19	25	12	20	27	28	38	16
K22-1132	11	6	19	31	3	28	3	22	15
K22-1186	8	2	19	35	7	17	1	24	11
K22-1214	17	11	8	9	13	37	25	25	5
K22-1291	4	12	5	2	11	3	23	31	3
K22-1313	7	8	7	13	13	8	14	8	9
K22-1392	24	27	22	16	25	33	19	5	32
K22-1407	15	37	9	3	10	14	7	10	28
K22-1452	10	29	18	8	21	15	2	12	19
K22-1529	34	20	19	22	36	36	17	4	38
LG21-2835	13	13	10	30	8	2	12	20	22
LG22-3432	33	30	30	29	32	34	31	18	8
LG22-3752	37	36	36	32	37	38	35	27	25
LG22-3919	9	4	16	4	24	23	16	1	30
LG22-3920	3	18	1	1	18	10	5	21	6
LG22-4785	32	26	37	17	33	31	11	19	33
LG22-4870	5	3	1	7	15	7	24	7	24
LG22-5041	2	15	3	5	6	11	15	10	2
SA19-8221	12	10	23	27	2	5	22	14	21
SA21-3592	27	16	15	25	35	26	13	13	37
SA21-5842	25	7	29	23	26	32	18	23	23
SA22-4986	13	1	14	11	34	24	10	6	18
SA22-5072	30	22	31	38	31	21	9	15	34
SA22-6057	20	32	33	34	29	1	20	2	29

PRELIMINARY TEST IV, 2025

MATURITY (date)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	9/27		9/29	9/27	9/21	9/28	9/29	10/5	9/24
LD07-3395bf (SCN) (E)	-2		-4	-3	-1	-5	-2	1	-3
K18-1994 (L)	7		2	8	8	5	10	10	5
CR22-02115	-5		-8	-6	-4	-6	-2	-5	-7
CR22-02235	-4		-7	-4	-3	-6	-4	-2	-4
CR22-02587	-7		-8	-8	-5	-9	-4	-10	-9
CR22-02827	-6		-7	-7	-4	-8	-4	-10	-6
CR22-03094	-6		-8	-6	-5	-8	-3	-7	-8
CR22-03875	-5		-6	-5	-6	-7	-3	-5	-6
CR22-04619	-6		-7	-6	-5	-8	-2	-9	-6
CR22-04963	-4		-6	-5	-3	-6	-3	-5	-4
CR22-05016	-6		-6	-5	-4	-7	-4	-8	-6
CR22-05577	-5		-7	-4	-4	-7	-2	-4	-6
CR22-05598	-1		-3	-1	1	-1	-1	2	-1
K21-1590	-0		2	5	3	-1	-3	-8	1
K22-1132	4		0	3	4	1	6	8	7
K22-1186	-1		-4	-2	-1	-3	4	-2	-1
K22-1214	-3		-6	-5	-1	-7	2	-2	-2
K22-1291	-4		-6	-4	-2	-5	-2	-2	-5
K22-1313	-1		-3	-3	-1	-3	2	5	-2
K22-1392	3		-1	4	6	0	4	5	5
K22-1407	-3		-5	-3	-2	-5	-3	-1	-5
K22-1452	-2		-3	-3	0	-5	-2	2	-4
K22-1529	4		2	4	7	1	10	8	-1
LG21-2835	-0		-2	1	-1	-1	1	1	-2
LG22-3432	-4		-6	-5	-4	-5	1	-5	-3
LG22-3752	-2		-4	-2	-1	-5	0	1	-3
LG22-3919	0		-3	2	1	-1	-1	2	-1
LG22-3920	-2		-3	-2	1	-3	-2	1	-5
LG22-4785	-2		-4	-1	0	-3	-2	-3	-2
LG22-4870	-1		-2	-3	0	-4	1	2	-3
LG22-5041	-2		-3	-3	-1	-4	-1	1	-4
SA19-8221	1		-2	1	3	0	1	2	0
SA21-3592	0		-3	0	2	-2	3	2	1
SA21-5842	-1		-4	-1	1	-3	0	1	0
SA22-4986	-0		-4	1	3	-2	2	-1	-2
SA22-5072	-1		-5	0	2	-3	-1	2	-2
SA22-6057	1		-3	2	0	-1	4	5	2
Date Planted	5/20	5/20	5/20	5/19	5/19	5/10	5/14	6/16	5/13
Days to Mature	130		132	131	125	141	138	111	134

PRELIMINARY TEST IV, 2025

LODGING (score)

Strain	Mean 8 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	1.4	2.0	1.5	1.0	1.0	1.5	1.0	1.5	1.5
LD07-3395bf (SCN) (E)	1.5	1.0	2.0	1.0	1.0	1.0	1.5	1.5	3.0
K18-1994 (L)	1.7	2.8	2.0	1.3	1.0	2.0	1.3	1.0	2.5
CR22-02115	2.5	3.3	2.3	2.0	2.5	2.0	2.5	3.0	2.5
CR22-02235	2.5	3.8	2.0	1.3	2.0	2.0	2.0	2.5	4.5
CR22-02587	1.3	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.5
CR22-02827	1.4	2.8	1.0	1.0	1.0	1.0	1.0	2.0	1.5
CR22-03094	1.5	2.8	1.0	1.0	1.0	1.0	1.0	2.5	1.5
CR22-03875	1.9	2.8	2.0	1.5	1.5	2.0	1.0	2.5	1.5
CR22-04619	1.5	2.5	1.5	1.3	1.5	1.0	1.0	2.0	1.5
CR22-04963	1.4	1.8	1.5	1.0	1.0	1.0	1.0	1.5	2.0
CR22-05016	1.4	1.5	2.0	1.5	1.0	1.0	1.5	1.5	1.5
CR22-05577	1.5	1.5	1.5	1.3	1.0	1.0	2.0	2.0	1.5
CR22-05598	1.9	3.5	2.0	1.8	2.0	1.5	1.0	1.0	2.5
K21-1590	1.8	2.8	1.5	1.5	1.5	1.0	2.5	2.0	1.5
K22-1132	1.4	2.3	1.5	1.3	1.0	1.0	1.0	1.0	2.0
K22-1186	1.4	2.3	1.0	1.0	1.0	1.0	1.0	1.0	2.5
K22-1214	1.2	1.8	1.5	1.0	1.0	1.0	1.0	1.0	1.5
K22-1291	2.3	3.8	2.0	1.8	2.0	2.0	1.5	2.0	3.0
K22-1313	1.3	2.5	1.5	1.0	1.0	1.0	1.0	1.0	1.5
K22-1392	3.0	4.8	2.0	2.3	3.5	3.0	2.0	2.0	4.0
K22-1407	2.3	4.5	2.0	1.5	2.0	2.0	2.0	2.0	2.5
K22-1452	1.7	2.8	2.0	1.0	1.5	1.5	1.0	1.5	2.5
K22-1529	2.1	3.5	2.0	1.5	2.0	2.0	1.0	1.5	3.0
LG21-2835	1.5	2.0	1.0	1.0	2.0	1.5	1.5	1.0	2.0
LG22-3432	2.4	2.3	2.3	1.5	2.5	2.0	2.5	3.0	3.0
LG22-3752	1.7	1.8	2.0	1.3	2.0	2.0	1.5	1.0	2.0
LG22-3919	1.8	2.8	1.0	1.5	2.0	2.0	1.0	1.5	2.5
LG22-3920	1.6	1.8	2.0	1.5	1.5	1.5	1.5	1.0	2.0
LG22-4785	1.8	2.0	1.5	1.0	2.0	1.5	1.0	1.5	3.5
LG22-4870	2.9	4.3	2.3	2.3	3.5	2.0	2.5	3.0	3.0
LG22-5041	2.5	3.5	2.0	1.8	3.0	3.0	2.5	2.0	2.5
SA19-8221	1.4	1.5	2.0	1.0	1.5	1.0	1.0	1.0	2.0
SA21-3592	1.6	2.3	2.0	1.0	2.0	1.0	1.0	1.5	2.0
SA21-5842	1.4	2.3	1.0	1.0	1.0	1.0	1.0	1.0	3.0
SA22-4986	1.7	2.3	1.0	1.0	2.5	3.0	1.0	1.0	2.0
SA22-5072	1.5	2.3	1.5	1.0	1.0	1.0	1.0	2.0	2.0
SA22-6057	2.3	4.5	2.0	1.5	1.0	1.0	2.5	1.5	4.5

PRELIMINARY TEST IV, 2025

PLANT HEIGHT (inches)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	37		36	42	33	37	39	34	39
LD07-3395bf (SCN) (E)	34		31	38	35	35	35	32	32
K18-1994 (L)	32		30	34	31	36	35	27	34
CR22-02115	43		43	48	41	46	44	41	41
CR22-02235	40		40	44	38	43	42	37	40
CR22-02587	33		33	36	30	32	35	29	35
CR22-02827	31		28	35	28	32	33	30	34
CR22-03094	34		31	35	31	33	40	33	34
CR22-03875	37		37	43	37	37	36	34	39
CR22-04619	36		35	40	34	37	37	35	37
CR22-04963	34		32	37	29	36	36	32	36
CR22-05016	36		36	40	34	38	37	33	38
CR22-05577	36		36	40	32	38	39	32	37
CR22-05598	37		37	39	35	39	38	33	37
K21-1590	37		34	40	33	40	40	37	37
K22-1132	37		38	39	39	40	36	31	38
K22-1186	34		34	38	32	35	35	30	34
K22-1214	33		34	34	31	33	36	31	35
K22-1291	35		33	39	35	39	36	29	38
K22-1313	35		35	37	34	35	38	30	37
K22-1392	43		42	48	43	47	44	40	37
K22-1407	37		34	40	35	39	38	33	38
K22-1452	35		33	39	31	39	37	32	36
K22-1529	43		42	45	42	45	44	39	44
LG21-2835	38		38	43	36	41	42	34	36
LG22-3432	41		41	47	39	45	40	37	37
LG22-3752	42		41	47	40	40	44	36	44
LG22-3919	38		40	40	39	41	39	33	39
LG22-3920	39		39	43	37	40	41	33	38
LG22-4785	37		38	38	38	37	40	35	36
LG22-4870	41		43	45	39	42	45	37	40
LG22-5041	41		39	44	39	44	41	38	43
SA19-8221	34		33	37	31	34	35	30	37
SA21-3592	38		36	38	37	41	42	32	39
SA21-5842	36		36	38	35	37	38	31	37
SA22-4986	36		33	36	37	40	42	33	35
SA22-5072	37		36	37	36	40	41	33	37
SA22-6057	38		38	42	29	36	43	35	43

PRELIMINARY TEST IV, 2025

SEED SIZE (g/100)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butlerville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	14.1	13.9	13.1	12.9		14.4	15.1	17.0	12.4
LD07-3395bf (SCN) (E)	14.3	13.7	14.0	13.1		14.7	14.5	17.9	12.1
K18-1994 (L)	14.5	13.2	14.2	13.3		14.2	15.0	19.1	12.2
CR22-02115	12.4	12.3	11.9	11.5		12.9	12.8	14.9	10.4
CR22-02235	14.4	13.7	14.2	13.4		14.3	14.4	18.4	12.6
CR22-02587	14.4	14.1	13.4	12.5		14.1	15.2	18.8	12.6
CR22-02827	13.8	13.8	13.4	12.7		14.1	13.5	16.9	12.2
CR22-03094	14.2	13.6	13.3	13.6		15.0	14.5	16.7	13.0
CR22-03875	13.7	13.6	13.2	12.7		14.0	13.2	17.4	11.8
CR22-04619	12.2	11.9	11.9	11.3		12.5	11.8	14.4	11.8
CR22-04963	14.2	12.7	13.7	13.4		14.0	14.8	17.4	13.4
CR22-05016	12.3	11.9	11.6	11.4		12.6	11.4	14.5	12.4
CR22-05577	12.2	12.1	11.7	11.1		12.9	11.9	14.7	11.2
CR22-05598	15.6	14.6	15.5	13.9		15.9	16.1	19.2	14.0
K21-1590	14.2	13.9	13.3	12.5		14.2	15.5	17.8	12.1
K22-1132	15.7	14.6	15.4	13.7		15.6	16.6	19.4	14.7
K22-1186	14.2	14.0	13.9	13.0		14.5	15.0	16.8	12.2
K22-1214	13.7	12.7	13.8	12.8		13.3	14.5	16.7	12.4
K22-1291	15.6	13.9	15.1	14.8		16.3	15.9	18.7	14.2
K22-1313	14.5	13.4	14.5	13.1		15.2	15.4	18.2	11.7
K22-1392	15.7	14.7	15.2	14.2		15.9	16.4	19.6	13.8
K22-1407	12.3	11.1	11.4	10.5		11.9	12.3	16.2	12.4
K22-1452	14.0	12.5	13.8	12.4		13.6	14.3	19.3	12.3
K22-1529	15.0	15.0	14.6	13.5		13.8	15.2	20.8	12.1
LG21-2835	13.9	13.1	13.5	12.3		14.1	15.0	18.1	11.1
LG22-3432	12.9	12.7	12.6	12.0		13.3	13.7	15.4	10.6
LG22-3752	17.8	16.3	17.3	17.1		17.8	18.1	21.5	16.5
LG22-3919	15.9	15.3	15.2	14.3		15.7	17.2	20.4	13.1
LG22-3920	14.1	13.6	13.7	12.9		13.9	15.7	18.3	10.7
LG22-4785	14.7	13.7	14.9	13.7		14.5	14.7	18.4	12.8
LG22-4870	13.9	13.1	13.7	12.3		13.9	14.1	17.4	12.9
LG22-5041	14.6	13.7	14.1	13.1		15.1	15.1	18.0	13.2
SA19-8221	14.4	14.0	13.8	13.0		14.5	14.5	18.4	12.3
SA21-3592	13.5	13.2	13.4	12.2		13.1	13.2	17.9	11.8
SA21-5842	16.5	15.1	15.8	14.9		16.6	17.1	21.2	14.7
SA22-4986	14.0	13.5	14.0	13.4		12.9	15.1	17.3	12.0
SA22-5072	14.5	13.8	14.1	12.7		14.8	15.2	19.2	12.0
SA22-6057	13.4	11.7	12.5	11.7		14.7	15.2	17.2	10.9

PRELIMINARY TEST IV, 2025

SEED QUALITY (score)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butlerville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
LD07-3395bf (SCN) (E)	1.9	3.0	2.0	2.0		1.0	2.0	2.0	1.0
K18-1994 (L)	2.2	2.0	2.5	3.0		1.0	3.0	3.0	1.0
CR22-02115	1.6	2.0	1.5	2.0		1.0	2.0	2.0	1.0
CR22-02235	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
CR22-02587	1.6	2.0	2.0	2.0		1.0	1.0	2.0	1.0
CR22-02827	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
CR22-03094	1.6	2.0	2.0	2.0		1.0	1.0	2.0	1.0
CR22-03875	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
CR22-04619	2.1	2.0	1.5	2.0		1.0	3.0	4.0	1.0
CR22-04963	1.7	2.0	2.0	1.0		1.0	2.0	3.0	1.0
CR22-05016	1.9	2.0	1.5	2.0		1.5	2.0	3.0	1.0
CR22-05577	2.1	2.0	2.0	2.0		1.5	2.0	4.0	1.0
CR22-05598	1.6	2.0	1.5	2.0		1.0	2.0	2.0	1.0
K21-1590	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
K22-1132	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
K22-1186	2.0	2.0	2.0	2.0		1.0	2.0	3.0	2.0
K22-1214	2.0	2.0	2.0	2.0		1.0	2.0	4.0	1.0
K22-1291	2.1	2.0	2.5	2.0		1.0	3.0	3.0	1.0
K22-1313	1.6	2.0	2.0	2.0		1.0	1.0	2.0	1.0
K22-1392	1.7	2.0	2.0	2.0		1.0	3.0	1.0	1.0
K22-1407	1.4	2.0	2.0	1.0		1.0	1.0	2.0	1.0
K22-1452	1.8	2.0	1.5	2.0		1.0	2.0	3.0	1.0
K22-1529	1.7	2.0	1.5	2.0		1.5	2.0	2.0	1.0
LG21-2835	1.7	2.0	2.0	2.0		1.0	2.0	2.0	1.0
LG22-3432	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
LG22-3752	1.5	2.0	1.5	1.0		1.0	2.0	2.0	1.0
LG22-3919	1.6	2.0	2.0	2.0		1.0	1.0	2.0	1.0
LG22-3920	1.9	2.0	2.0	2.0		1.0	2.0	3.0	1.0
LG22-4785	1.9	2.0	2.0	2.0		1.0	3.0	2.0	1.0
LG22-4870	1.8	2.0	1.5	2.0		1.0	2.0	3.0	1.0
LG22-5041	1.8	2.0	2.0	1.0		1.5	2.0	3.0	1.0
SA19-8221	1.8	2.0	2.0	2.0		1.5	2.0	2.0	1.0
SA21-3592	1.4	2.0	1.5	1.0		1.0	2.0	1.0	1.0
SA21-5842	1.6	2.0	1.0	2.0		1.0	2.0	2.0	1.0
SA22-4986	1.5	2.0	1.5	1.0		1.0	2.0	2.0	1.0
SA22-5072	1.5	2.0	1.5	2.0		1.0	2.0	1.0	1.0
SA22-6057	1.6	2.0	2.0	2.0		1.0	1.0	2.0	1.0

PRELIMINARY TEST IV, 2025

PROTEIN (%)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	34.2	33.5	34.1	34.2		34.9	33.4	33.8	35.6
LD07-3395bf (SCN) (E)	32.3	33.4	31.8	32.3		32.2	32.5	31.5	32.1
K18-1994 (L)	33.2	33.2	33.5	33.8		33.2	32.7	32.2	33.8
CR22-02115	32.7	33.1	32.4	32.3		32.9	33.1	32.6	32.8
CR22-02235	33.1	33.4	31.9	32.6		33.2	32.5	33.5	34.3
CR22-02587	32.3	32.3	32.1	31.4		33.6	32.4	31.8	32.9
CR22-02827	32.1	33.6	30.2	31.1		32.7	32.6	31.4	33.5
CR22-03094	32.4	32.7	31.0	31.2		36.0	32.5	30.7	32.7
CR22-03875	34.0	34.6	33.6	33.9		34.1	33.5	32.7	35.4
CR22-04619	33.9	34.9	33.4	33.2		34.7	34.7	31.8	34.6
CR22-04963	34.3	34.4	33.6	33.6		35.4	34.6	33.2	35.2
CR22-05016	33.4	34.3	32.8	32.0		34.1	33.9	32.4	34.3
CR22-05577	33.6	33.9	33.6	32.8		35.1	34.4	32.1	33.4
CR22-05598	35.0	35.2	35.7	35.6		35.8	34.7	32.0	36.2
K21-1590	34.4	33.5	34.1	35.0		34.7	35.7	33.0	34.8
K22-1132	34.4	34.5	34.8	34.7		34.5	33.8	33.5	34.7
K22-1186	33.5	33.8	33.1	32.8		34.0	35.6	31.7	33.8
K22-1214	32.7	32.7	32.8	32.5		33.1	33.2	31.4	33.4
K22-1291	33.0	32.8	31.9	33.1		33.1	33.8	32.6	33.4
K22-1313	33.4	32.8	33.2	33.7		33.9	32.6	33.6	33.7
K22-1392	34.2	33.7	32.7	34.6		34.2	35.0	34.0	35.0
K22-1407	32.2	33.1	32.2	31.4		32.6	32.1	30.8	33.1
K22-1452	32.0	32.8	31.7	31.5		32.7	31.8	30.5	32.9
K22-1529	34.1	34.0	33.5	34.3		33.0	34.3	35.0	34.5
LG21-2835	34.9	35.5	34.7	35.6		35.3	34.3	34.0	35.1
LG22-3432	34.9	35.6	33.1	34.5		35.5	35.8	33.9	36.0
LG22-3752	35.7	35.1	35.8	35.8		36.5	35.8	35.2	35.8
LG22-3919	34.3	33.5	34.0	34.8		35.9	34.3	33.0	34.7
LG22-3920	33.5	32.1	33.9	34.2		33.8	34.1	32.3	34.0
LG22-4785	33.8	34.1	34.1	34.5		34.4	33.2	32.0	34.0
LG22-4870	32.5	32.7	32.9	33.6		32.6	32.0	31.2	32.6
LG22-5041	33.4	33.0	33.6	33.9		34.5	33.7	32.0	33.5
SA19-8221	32.2	32.4	32.0	32.5		32.2	31.5	30.7	33.9
SA21-3592	32.3	33.2	32.6	33.1		33.3	32.8	27.8	33.5
SA21-5842	34.6	34.4	34.2	33.8		35.8	33.9	34.1	36.0
SA22-4986	31.7	32.6	26.6	32.5		33.6	32.1	30.9	33.9
SA22-5072	33.9	34.7	34.0	32.9		34.8	33.8	32.0	35.5
SA22-6057	33.6	34.0	33.4	33.0		33.0	34.5	31.6	35.3

PRELIMINARY TEST IV, 2025

OIL (%)

Strain	Mean 7 Tests	Belle- ville IL	Savoy IL	Urbana IL	Butler- ville IN	West Lafayette IN	Man- hattan KS	Ottawa KS	Novelty MO
LD15-3818 (IV)	19.1	19.8	19.1	18.8		18.1	19.0	20.0	19.1
LD07-3395bf (SCN) (E)	20.4	20.1	20.4	20.0		20.0	20.1	21.1	20.8
K18-1994 (L)	19.7	20.0	19.4	19.0		19.0	19.7	20.7	20.0
CR22-02115	19.7	19.9	19.8	19.6		19.0	19.4	20.0	20.1
CR22-02235	19.4	20.1	20.5	19.9		19.6	19.6	17.2	19.1
CR22-02587	19.7	20.0	19.9	20.0		18.7	19.6	20.5	19.6
CR22-02827	19.9	19.5	20.3	20.1		19.1	20.0	20.8	19.3
CR22-03094	19.8	19.7	20.2	20.1		18.0	19.9	20.8	19.7
CR22-03875	19.0	19.3	19.2	18.8		18.1	19.2	19.7	18.6
CR22-04619	19.5	19.0	19.6	19.4		18.8	19.4	21.0	19.5
CR22-04963	19.7	20.1	19.6	19.7		18.8	19.6	20.4	19.6
CR22-05016	19.9	19.7	19.8	20.1		19.1	19.7	21.1	19.4
CR22-05577	19.8	19.8	19.6	19.5		18.8	19.6	21.0	20.1
CR22-05598	19.5	19.8	19.0	18.9		18.1	19.6	21.5	19.7
K21-1590	18.7	19.6	18.3	17.7		17.5	18.8	20.3	18.4
K22-1132	19.0	19.2	18.6	18.7		18.2	19.5	20.0	19.1
K22-1186	18.5	18.8	19.0	18.8		18.1	17.9	18.2	18.5
K22-1214	19.7	20.0	19.7	19.8		19.0	19.5	20.7	19.5
K22-1291	20.1	20.5	20.2	19.7		19.4	19.8	20.7	20.2
K22-1313	19.6	20.4	19.7	19.3		18.9	19.9	19.6	19.8
K22-1392	19.3	19.5	19.6	18.9		18.5	18.8	20.3	19.3
K22-1407	19.8	19.7	19.9	19.9		19.3	19.8	20.6	19.6
K22-1452	20.9	21.3	21.0	20.8		20.0	20.8	21.9	20.6
K22-1529	19.1	19.7	19.3	18.9		19.0	18.3	19.0	19.3
LG21-2835	18.5	18.4	18.6	18.1		18.0	18.7	19.2	18.7
LG22-3432	19.6	19.5	20.0	19.6		18.8	19.3	20.5	19.0
LG22-3752	18.1	19.3	18.0	17.7		17.3	16.8	19.1	18.7
LG22-3919	19.2	19.9	19.1	18.9		18.2	19.3	19.8	19.4
LG22-3920	19.0	19.8	18.8	18.6		18.1	18.8	20.3	18.8
LG22-4785	19.0	19.6	18.8	18.4		18.1	18.9	20.3	19.1
LG22-4870	19.8	20.1	19.2	19.0		19.0	20.1	20.6	20.5
LG22-5041	19.6	19.9	19.5	19.3		18.8	19.6	20.4	19.8
SA19-8221	19.7	20.2	19.6	19.3		18.9	20.1	20.8	19.2
SA21-3592	19.6	19.6	19.5	18.9		18.3	19.2	22.7	19.3
SA21-5842	19.2	19.3	19.2	19.3		18.1	19.7	19.9	18.7
SA22-4986	20.0	20.2	21.9	19.4		18.5	19.8	20.8	19.2
SA22-5072	19.5	19.7	19.6	19.4		18.8	19.5	20.7	19.2
SA22-6057	19.3	19.7	19.3	19.3		18.9	18.6	20.5	18.7

**Northern Regional Uniform Test
Uniform Test 0, Traited Material, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	ND Dickey (0)	P. 91M10	Sheyenne	Miranda	5	F4	Rps1c
2	AG03XF2 (E)			Cai	3		RR2, Xtend Flex
3	ND15-22873			Miranda	4		
4	MN1511CN (SCN) (L)	M06-288181	M06-358188	Lorenz	3	F8	SCN, Rps1c
5	M18-151014	M14-190032	M09-343025	Lorenz	1	F5	OIL, Carb
6	M18-154059	ND Stutman	M10-214070	Lorenz	1	F5	ProCN
7	M18-200026	M14HO-1344-6005	M07-296048HOLL-1	Lorenz	1	F5	HOLL
8	M18-224022	M14-190032	M09-269045	Lorenz	1	F5	CarbCN
9	M19-117001	M07-260009	M12-454061	Lorenz	Initial	F5	Pro-Div
10	M19-133021	M12-386036	AR15-158072	Lorenz	Initial	F5	YLDPro
11	M19-137021	M12-421024	E15338	Lorenz	Initial	F5	YLDPro
12	M19-137024	M12-421024	E15338	Lorenz	Initial	F5	YLDPro
13	M19-210017	M08-359176HOLL-1	M06-388016HOLL-1	Lorenz	Initial	F5	HOLL
14	M19-210028	M08-359176HOLL-1	M06-388016HOLL-1	Lorenz	Initial	F5	HOLL
15	M19-210039	M08-359176HOLL-1	M06-388016HOLL-1	Lorenz	Initial	F5	HOLL
16	ND18-20092(GT SCN)	ND12-20515	ND Benson	Miranda	1	F5	P. sojiae (Race 4), SCN, RR
17	ND23-43033HO	ND16-8821(SCN)	KB18-3#757 19-705	Miranda	Initial	F5	SCN, HO
18	ND23-43036HO	ND16-8821(SCN)	KB18-3#757 19-705	Miranda	Initial	F5	SCN, HO
19	ND23-43042HO	ND16-8821(SCN)	KB18-3#757 19-705	Miranda	Initial	F5	SCN, HO
20	ND23-43063HO	ND16-8821(SCN)	KB18-3#757 19-705	Miranda	Initial	F5	SCN, HO
21	ND23-44056HO	ND16-8821(SCN)	KB18-5 #800 19-748	Miranda	Initial	F5	SCN, HO
22	ND23-44074HO	ND16-8821(SCN)	KB18-5 #800 19-748	Miranda	Initial	F5	SCN, HO

UNIFORM TEST 0 TRAITED MATERIAL, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	IDC Score	
		Crooks-ton	Climax
ND Dickey (0)	PGTDYYI	1.8	2.2
AG03XF2 (E)	PTBDYBI		
ND15-22873	WGBSYYI		
MN1511CN (SCN) (L)	PGBDYBfi	2.0	2.7
M18-151014	WGBDYBfi	2.0	2.4
M18-154059	PGB+TDYYI	1.8	2.3
M18-200026	PTB+TDYGI	1.8	2.4
M18-224022	P+WT+GTSYYI	2.3	2.4
M19-117001	WGTDYYI	2.0	2.5
M19-133021	PGBDYYI	2.3	2.4
M19-137021	PGBDYYI	2.5	2.3
M19-137024	PGBDYYI	2.0	2.7
M19-210017	PGTSYYI	2.8	2.7
M19-210028	PGTSYYI	3.0	2.5
M19-210039	PGB+TSYYI	2.5	2.7
ND18-20092(GT SCN)	PGTDYBfi	1.5	1.6
ND23-43033HO	P+WTTDYBI	2.0	2.1
ND23-43036HO	WTTDYYI	2.5	2.5
ND23-43042HO	WLtTDYYI	2.3	2.8
ND23-43063HO	WTTDYBI	1.5	2.6
ND23-44056HO	PGTDYGI	2.3	2.4
ND23-44074HO	PGBDYYI	2.0	2.6

UNIFORM TEST 0 TRAITED MATERIAL, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	4 bu/a	4 No.	6 Date	6 Score	5 In.	6 g/100	6 Score	6 Protein %	6 Oil %
ND Dickey (0)	46.4	5	9/25	1.3	31	16.6	1.5	35.4	17.0
AG03XF2 (E)	45.5	7	-6.3	1.3	27	16.0	1.8	34.6	17.2
ND15-22873	45.1	9	2.2	1.2	28	14.0	1.3	34.5	17.9
MN1511CN (SCN) (L)	45.0	11	5.0	1.5	33	13.4	1.2	33.5	18.6
M18-151014	47.7	4	2.2	1.3	29	15.9	1.5	34.0	19.3
M18-154059	44.3	13	-1.1	1.3	33	16.1	1.3	38.0	16.5
M18-200026	44.7	12	-2.5	1.2	28	15.0	2.2	35.9	18.1
M18-224022	46.1	6	0.9	1.2	30	16.1	1.3	35.5	17.6
M19-117001	40.7	21	-3.9	1.2	29	15.0	1.2	36.8	16.5
M19-133021	45.4	8	2.8	1.3	30	17.9	1.0	36.1	18.1
M19-137021	45.0	10	0.2	1.2	30	17.9	1.7	34.7	18.1
M19-137024	47.8	3	1.5	1.2	29	18.3	2.5	35.1	17.9
M19-210017	43.3	17	-0.6	1.3	30	16.1	2.0	36.6	17.9
M19-210028	43.5	16	0.9	1.5	29	16.1	1.3	36.7	18.0
M19-210039	43.2	18	1.2	1.6	30	16.0	1.7	36.5	17.8
ND18-20092(GT SCN)	39.7	22	-6.1	1.1	29	14.5	1.2	35.5	18.4
ND23-43033HO	48.8	2	3.0	1.2	26	12.6	1.2	36.3	18.0
ND23-43036HO	44.2	14	3.9	1.2	29	14.3	1.2	36.4	18.0
ND23-43042HO	43.1	20	3.8	1.2	27	13.2	1.3	35.5	18.2
ND23-43063HO	49.1	1	3.8	1.1	28	13.3	1.0	36.8	17.7
ND23-44056HO	44.2	15	-1.0	1.4	28	14.8	1.5	34.9	19.2
ND23-44074HO	43.1	19	2.0	1.2	26	14.7	1.5	37.2	18.1
Mean	44.8			1.3	29.1	15.3	1.5	35.8	17.9
C.V. (%)	9.9								
L.S.D. (5%)	3.6								

131.0 Days After Planting

UNIFORM TEST 0 TRAITED MATERIAL, 2025

2024-2025 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	6 bu/a	6 No.	10 Date	9 Score	8 In.	10 g/100	10 Score	Protein 10 %	Oil 10 %
ND Dickey (0)	55.2	1	9/24	1.3	31	17.3	1.5	34.8	17.5
AG03XF2 (E)	50.0	6	-5.9	1.1	26	16.1	1.5	33.9	17.9
ND15-22873	53.3	3	1.4	1.2	29	14.7	1.9	34.5	18.1
MN1511CN (SCN) (L)	50.0	5	4.4	1.4	32	13.9	1.6	33.5	18.8
M18-151014	53.5	2	1.7	1.3	28	16.0	1.5	34.1	19.5
M18-154059	47.4	8	-1.7	1.3	30	16.5	1.5	37.7	17.0
M18-200026	48.7	7	-3.1	1.2	27	15.6	2.0	35.9	18.5
M18-224022	52.2	4	0.2	1.2	28	16.4	1.8	35.2	18.1
ND18-20092(GT SCN)	45.9	9	-6.5	1.1	28	14.3	1.3	35.3	18.7

126.2 Days After Planting

UNIFORM TEST 0 TRAITED MATERIAL, 2024

YIELD (bu/a)

Strain	Mean 4 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND*	Cassel- ton ND*	Gales- burg ND
ND Dickey (0)	46.4	31.1	60.0	41.0	61.1	41.0	53.6
AG03XF2 (E)	45.5	38.8	63.4	43.0	37.2	48.2	36.6
ND15-22873	45.1	30.8	60.9	43.3	47.3	44.5	45.7
MN1511CN (SCN) (L)	45.0	42.1	46.5	45.5	49.3	51.3	45.7
M18-151014	47.7	36.6	61.3	43.3	47.0	48.3	49.6
M18-154059	44.3	30.6	56.9	42.7	44.2	43.1	47.0
M18-200026	44.7	32.6	57.2	42.2	51.1	45.0	46.7
M18-224022	46.1	35.6	60.2	42.7	55.8	48.0	45.7
M19-117001	40.7	31.0	54.1	40.2	41.6	31.1	40.7
M19-133021	45.4	39.6	57.8	44.6	60.3	52.6	39.7
M19-137021	45.0	39.6	61.4	39.2	57.1	46.1	40.0
M19-137024	47.8	39.1	62.8	41.4	55.8	53.2	47.9
M19-210017	43.3	33.5	56.0	43.0	49.0	40.6	40.6
M19-210028	43.5	34.3	55.8	42.5	46.0	44.8	41.2
M19-210039	43.2	41.2	52.6	41.0	53.5	34.9	38.1
ND18-20092(GT SCN)	39.7	30.6	50.2	42.3	39.4	47.1	35.6
ND23-43033HO	48.8	39.6	58.6	41.3	51.9	43.4	55.7
ND23-43036HO	44.2	36.2	54.3	39.2	47.5	49.9	47.2
ND23-43042HO	43.1	37.0	51.4	36.5	52.6	47.3	47.1
ND23-43063HO	49.1	41.7	59.6	36.3	49.8	45.2	58.9
ND23-44056HO	44.2	33.2	58.5	42.8	50.3	48.5	42.4
ND23-44074HO	43.1	30.3	51.6	42.0	47.2	39.3	48.5
Location Mean		35.7	56.9	41.6	49.8	45.1	45.2
C.V. (%)		11.5	5.2	7.4	17.2	15.2	14.6
L.S.D. (5%)		6.8	4.9	5.1	14.1	11.3	10.8
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 0 TRAITED MATERIAL, 2025

YIELD RANK

Strain	Mean 4 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	5	17	7	17	1	18	3
AG03XF2 (E)	7	8	1	5	22	7	21
ND15-22873	9	19	5	4	15	15	11
MN1511CN (SCN) (L)	11	1	22	1	12	3	13
M18-151014	4	10	4	3	17	6	4
M18-154059	13	20	13	9	19	17	9
M18-200026	12	16	12	12	9	13	10
M18-224022	6	12	6	8	5	8	11
M19-117001	21	18	17	18	20	22	16
M19-133021	8	4	11	2	2	2	19
M19-137021	10	6	3	19	3	11	18
M19-137024	3	7	2	14	4	1	6
M19-210017	17	14	14	6	13	19	17
M19-210028	16	13	15	10	18	14	15
M19-210039	18	3	18	16	6	21	20
ND18-20092(GT SCN)	22	20	21	11	21	10	22
ND23-43033HO	2	5	9	15	8	16	2
ND23-43036HO	14	11	16	19	14	4	7
ND23-43042HO	20	9	20	21	7	9	8
ND23-43063HO	1	2	8	22	11	12	1
ND23-44056HO	15	15	10	7	10	5	14
ND23-44074HO	19	22	19	13	16	20	5

UNIFORM TEST 0 TRAITED MATERIAL, 2025

MATURITY (date)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	9/25	9/23	9/19	10/2	9/27	9/28	9/26
AG03XF2 (E)	-6	-0	-5	-3	-8	-10	-12
ND15-22873	2	5	6	4	1	0	-4
MN1511CN (SCN) (L)	5	7	11	5	1	1	4
M18-151014	2	2	8	1	-0	1	1
M18-154059	-1	1	-2	1	-4	-0	-3
M18-200026	-2	-1	-2	-2	-3	-1	-6
M18-224022	1	4	3	0	0	0	-2
M19-117001	-4	3	-1	-2	-5	-10	-8
M19-133021	3	6	5	2	0	0	2
M19-137021	0	2	0	-0	0	0	-0
M19-137024	1	6	1	-0	0	1	1
M19-210017	-1	1	-2	-1	0	1	-3
M19-210028	1	5	0	-1	1	1	-0
M19-210039	1	2	0	0	1	1	2
ND18-20092(GT SCN)	-6	-2	-6	-5	-7	-5	-12
ND23-43033HO	3	6	5	4	0	1	2
ND23-43036HO	4	6	9	3	1	1	3
ND23-43042HO	4	7	8	1	1	1	4
ND23-43063HO	4	6	8	4	1	1	3
ND23-44056HO	-1	3	1	2	-1	-2	-9
ND23-44074HO	2	6	2	3	1	1	-1
Date Planted	5/17	5/29	5/15	5/31	5/11	5/13	5/8
Days to Mature	131	117	127	124	139	138	141

UNIFORM TEST 0 TRAITED MATERIAL, 2025

LODGING (score)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	1.3	1.7	1.0	2.0	1.2	1.0	1.0
AG03XF2 (E)	1.3	1.7	1.0	2.0	1.0	1.0	1.0
ND15-22873	1.2	1.3	1.0	2.0	1.0	1.0	1.0
MN1511CN (SCN) (L)	1.5	2.7	1.3	2.0	1.0	1.0	1.0
M18-151014	1.3	2.0	1.0	2.0	1.0	1.0	1.0
M18-154059	1.3	1.7	1.0	2.0	1.0	1.0	1.0
M18-200026	1.2	1.0	1.0	2.0	1.0	1.0	1.0
M18-224022	1.2	1.3	1.0	2.0	1.0	1.0	1.0
M19-117001	1.2	1.3	1.0	2.0	1.0	1.0	1.0
M19-133021	1.3	2.3	1.0	1.7	1.0	1.0	1.0
M19-137021	1.2	2.0	1.0	1.3	1.0	1.0	1.0
M19-137024	1.2	1.7	1.0	1.3	1.0	1.0	1.0
M19-210017	1.3	1.7	1.0	2.3	1.0	1.0	1.0
M19-210028	1.5	1.3	1.7	2.0	1.0	1.7	1.0
M19-210039	1.6	3.0	1.7	2.0	1.0	1.0	1.0
ND18-20092(GT SCN)	1.1	1.0	1.0	1.7	1.0	1.0	1.0
ND23-43033HO	1.2	1.3	1.0	2.0	1.0	1.0	1.0
ND23-43036HO	1.2	1.0	1.0	2.0	1.0	1.3	1.0
ND23-43042HO	1.2	1.3	1.0	1.7	1.0	1.0	1.0
ND23-43063HO	1.1	1.0	1.0	1.7	1.0	1.0	1.0
ND23-44056HO	1.4	1.7	1.7	2.0	1.0	1.0	1.0
ND23-44074HO	1.2	1.3	1.0	1.7	1.0	1.0	1.0

UNIFORM TEST 0 TRAITED MATERIAL, 2025

PLANT HEIGHT (inches)

Strain	Mean 5 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	31	28	36		33	27	31
AG03XF2 (E)	27	26	34		24	26	24
ND15-22873	28	23	36		25	29	29
MN1511CN (SCN) (L)	33	27	42		30	33	30
M18-151014	29	23	37		27	30	29
M18-154059	33	29	40		30	34	30
M18-200026	28	24	35		27	27	29
M18-224022	30	26	40		29	29	28
M19-117001	29	25	38		26	27	28
M19-133021	30	28	37		30	30	27
M19-137021	30	28	36		30	29	28
M19-137024	29	26	33		29	27	29
M19-210017	30	27	42		27	27	29
M19-210028	29	25	38		27	28	29
M19-210039	30	30	39		31	24	28
ND18-20092(GT SCN)	29	25	35		26	32	29
ND23-43033HO	26	22	33		25	24	27
ND23-43036HO	29	25	35		28	27	29
ND23-43042HO	27	22	34		25	26	29
ND23-43063HO	28	24	37		26	25	29
ND23-44056HO	28	23	33		25	28	28
ND23-44074HO	26	21	32		25	24	27

UNIFORM TEST 0 TRAITED MATERIAL, 2025

SEED SIZE (g/100)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	16.6	16.6	17.8	12.6	19.6	16.9	16.2
AG03XF2 (E)	16.0	17.0	17.9	12.1	18.6	16.5	13.9
ND15-22873	14.0	14.5	15.9	10.5	15.8	14.1	13.2
MN1511CN (SCN) (L)	13.4	13.3	14.4	10.9	14.9	14.0	12.6
M18-151014	15.9	15.9	17.4	12.1	18.3	16.3	15.2
M18-154059	16.1	16.0	17.7	12.3	18.3	16.5	15.8
M18-200026	15.0	14.3	16.7	11.8	17.5	15.9	14.0
M18-224022	16.1	16.0	17.8	12.0	18.7	16.4	15.6
M19-117001	15.0	15.0	17.3	11.9	16.1	15.7	14.1
M19-133021	17.9	18.9	19.2	13.9	20.9	18.8	15.5
M19-137021	17.9	17.6	21.0	13.8	20.7	19.4	14.8
M19-137024	18.3	18.5	19.8	13.8	21.2	20.5	16.2
M19-210017	16.1	16.1	17.8	13.7	18.6	17.0	13.4
M19-210028	16.1	16.1	17.6	13.6	18.1	17.2	13.9
M19-210039	16.0	16.6	17.9	12.7	18.9	16.3	13.4
ND18-20092(GT SCN)	14.5	14.1	15.4	11.5	17.5	15.7	12.5
ND23-43033HO	12.6	12.9	13.5	9.1	14.4	13.1	12.8
ND23-43036HO	14.3	14.7	15.3	10.8	15.3	15.5	14.0
ND23-43042HO	13.2	13.1	14.1	9.9	14.5	15.2	12.6
ND23-43063HO	13.3	14.2	13.8	10.3	14.1	13.3	14.0
ND23-44056HO	14.8	15.2	16.4	11.0	17.6	15.5	12.9
ND23-44074HO	14.7	14.4	15.9	11.1	17.5	15.8	13.5

UNIFORM TEST 0 TRAITED MATERIAL, 2025

SEED QUALITY (score)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	1.5	1.0	1.0	1.0	2.0	2.0	2.0
AG03XF2 (E)	1.8	2.0	1.0	2.0	2.0	2.0	2.0
ND15-22873	1.3	1.0	1.0	1.0	2.0	2.0	1.0
MN1511CN (SCN) (L)	1.2	1.0	1.0	1.0	1.0	2.0	1.0
M18-151014	1.5	1.0	1.0	1.0	2.0	2.0	2.0
M18-154059	1.3	1.0	1.0	1.0	2.0	2.0	1.0
M18-200026	2.2	1.0	1.0	2.0	3.0	3.0	3.0
M18-224022	1.3	1.0	1.0	1.0	1.0	2.0	2.0
M19-117001	1.2	1.0	1.0	2.0	1.0	1.0	1.0
M19-133021	1.0	1.0	1.0	1.0	1.0	1.0	1.0
M19-137021	1.7	1.0	1.0	2.0	2.0	2.0	2.0
M19-137024	2.5	3.0	2.0	3.0	3.0	2.0	2.0
M19-210017	2.0	2.0	2.0	2.0	2.0	2.0	2.0
M19-210028	1.3	1.0	1.0	1.0	1.0	2.0	2.0
M19-210039	1.7	2.0	2.0	2.0	1.0	2.0	1.0
ND18-20092(GT SCN)	1.2	1.0	1.0	1.0	2.0	1.0	1.0
ND23-43033HO	1.2	1.0	1.0	1.0	1.0	1.0	2.0
ND23-43036HO	1.2	1.0	1.0	1.0	1.0	1.0	2.0
ND23-43042HO	1.3	2.0	1.0	1.0	1.0	2.0	1.0
ND23-43063HO	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND23-44056HO	1.5	1.0	1.0	1.0	2.0	2.0	2.0
ND23-44074HO	1.5	2.0	1.0	1.0	2.0	2.0	1.0

UNIFORM TEST 0 TRAITED MATERIAL, 2025

PROTEIN (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	35.4	35.0	34.1	36.7	35.6	35.9	35.0
AG03XF2 (E)	34.6	35.1	34.2	35.7	35.9	33.8	32.7
ND15-22873	34.5	35.0	33.7	34.5	35.4	35.2	33.1
MN1511CN (SCN) (L)	33.5	33.1	33.5	35.2	34.5	33.0	31.6
M18-151014	34.0	34.3	33.2	34.4	34.8	35.1	32.4
M18-154059	38.0	38.7	37.1	38.2	38.1	38.7	37.0
M18-200026	35.9	36.1	35.6	35.8	37.1	36.0	35.0
M18-224022	35.5	36.1	35.2	35.7	36.5	36.0	33.8
M19-117001	36.8	38.1	36.1	37.8	35.7	38.1	34.8
M19-133021	36.1	36.1	37.0	36.2	36.8	36.3	34.4
M19-137021	34.7	34.8	35.1	35.5	35.9	34.3	32.7
M19-137024	35.1	34.1	35.9	34.9	36.7	35.2	33.9
M19-210017	36.6	37.5	36.3	35.8	36.9	37.0	36.4
M19-210028	36.7	36.9	37.2	35.9	37.5	37.6	35.3
M19-210039	36.5	37.3	36.5	36.4	37.2	36.4	35.0
ND18-20092(GT SCN)	35.5	35.7	34.6	35.6	36.9	36.3	34.1
ND23-43033HO	36.3	35.9	36.0	37.1	37.2	36.7	35.2
ND23-43036HO	36.4	34.9	36.7	37.3	36.9	36.7	36.0
ND23-43042HO	35.5	35.5	35.8	36.6	35.9	35.0	34.4
ND23-43063HO	36.8	36.8	36.4	37.5	37.4	36.2	36.5
ND23-44056HO	34.9	35.0	34.6	34.8	36.1	35.3	33.9
ND23-44074HO	37.2	36.6	36.7	37.0	38.5	38.5	35.7

UNIFORM TEST 0 TRAITED MATERIAL, 2025

OIL (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	17.0	17.5	17.4	15.1	17.7	17.0	17.2
AG03XF2 (E)	17.2	16.7	17.4	16.1	16.8	17.7	18.6
ND15-22873	17.9	17.9	18.3	17.6	17.8	17.8	18.2
MN1511CN (SCN) (L)	18.6	18.6	18.8	17.4	18.6	18.9	19.4
M18-151014	19.3	19.2	19.5	18.4	19.5	19.1	20.1
M18-154059	16.5	16.2	16.9	15.6	16.8	16.0	17.3
M18-200026	18.1	18.2	18.4	17.5	18.1	18.1	18.5
M18-224022	17.6	17.8	17.8	17.2	17.3	17.4	18.3
M19-117001	16.5	15.9	16.8	14.9	17.3	16.3	17.7
M19-133021	18.1	18.5	17.7	17.5	17.7	18.1	18.9
M19-137021	18.1	17.7	18.2	17.5	17.9	18.1	19.1
M19-137024	17.9	18.3	17.9	17.4	17.5	18.0	18.5
M19-210017	17.9	17.6	18.0	17.7	17.9	18.0	18.0
M19-210028	18.0	18.1	18.0	18.0	17.5	17.5	18.7
M19-210039	17.8	17.5	17.8	17.5	17.6	18.0	18.8
ND18-20092(GT SCN)	18.4	18.4	19.0	17.8	18.0	18.0	19.0
ND23-43033HO	18.0	18.3	18.3	17.0	17.8	17.9	18.4
ND23-43036HO	18.0	18.4	17.9	17.0	18.1	18.2	18.4
ND23-43042HO	18.2	18.3	18.4	17.0	18.4	18.5	18.7
ND23-43063HO	17.7	17.8	18.1	16.7	17.6	18.3	17.8
ND23-44056HO	19.2	19.2	19.7	18.8	18.7	19.2	19.5
ND23-44074HO	18.1	18.6	18.4	17.7	17.8	17.7	18.7

UNIFORM TEST 0 TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

No. of Tests Strain	Palmitic 6 %	Stearic 6 %	Oleic 6 %	Linoleic 6 %	Linolenic 6 %
ND Dickey (0)	10.5	4.3	22.4	53.1	9.6
MN1511CN (SCN) (L)	11.3	4.1	20.0	54.8	9.7
M18-200026	7.1	3.7	79.9	4.2	5.1
M19-210017*	7.5	3.6	77.7	7.8	3.4
M19-210028	7.2	3.6	80.8	5.2	3.2
M19-210039	7.3	3.8	80.7	5.0	3.2
ND23-43033HO	6.8	3.8	80.5	4.1	4.9
ND23-43036HO	6.9	3.8	81.3	4.4	3.7
ND23-43042HO	6.8	3.4	81.1	4.2	4.5
ND23-43063HO	6.7	3.4	81.6	3.7	4.5
ND23-44056HO	6.6	3.3	82.1	4.4	3.6
ND23-44074HO	6.6	3.4	81.5	3.1	5.4

* Suspected contamination in sample (2 locations), or line is segregating.

UNIFORM TEST 0 TRAITED MATERIAL, 2025

FATTY ACID, PALMITIC (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	10.5	10.4	10.6	11.2	10.6	10.1	10.4
MN1511CN (SCN) (L)	11.3	11.6	11.3	11.4	11.3	11.2	11.3
M18-200026	7.1	6.9	7.2	7.4	7.2	7.0	6.8
M19-210017*	7.5	7.8	7.4	7.4	7.5	7.8	7.2
M19-210028	7.2	7.0	7.3	7.6	7.2	7.3	7.0
M19-210039	7.3	7.5	7.7	7.4	6.8	7.0	7.2
ND23-43033HO	6.8	6.5	6.7	6.9	7.1	6.7	6.6
ND23-43036HO	6.9	7.0	7.0	7.0	6.8	6.8	6.7
ND23-43042HO	6.8	6.7	6.8	7.5	6.4	6.6	6.6
ND23-43063HO	6.7	6.4	6.6	7.2	6.7	6.6	6.9
ND23-44056HO	6.6	6.5	6.5	7.3	6.4	6.7	6.3
ND23-44074HO	6.6	6.6	6.7	7.2	6.5	6.4	6.4

* Suspected contamination in sample (Crookston, Casselton), or line is segregating.

UNIFORM TEST 0 TRAITED MATERIAL, 2025

FATTY ACID, STEARIC (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	4.3	4.4	4.3	3.9	4.1	4.5	4.7
MN1511CN (SCN) (L)	4.1	3.9	4.2	3.8	4.1	4.4	4.2
M18-200026	3.7	3.9	3.9	3.5	3.5	3.7	3.8
M19-210017*	3.6	3.7	3.6	3.6	3.4	3.8	3.5
M19-210028	3.6	3.3	3.5	3.5	3.1	4.0	4.2
M19-210039	3.8	3.6	3.9	3.6	3.8	3.8	4.0
ND23-43033HO	3.8	3.6	4.1	3.7	3.4	3.9	4.1
ND23-43036HO	3.8	3.4	4.2	3.7	3.8	3.9	3.8
ND23-43042HO	3.4	3.3	3.7	3.4	3.4	3.3	3.5
ND23-43063HO	3.4	3.7	3.5	3.2	3.4	3.3	3.4
ND23-44056HO	3.3	3.2	3.3	3.0	3.2	3.2	3.6
ND23-44074HO	3.4	3.5	3.4	3.1	3.4	3.5	3.6

* Suspected contamination in sample (Crookston, Casselton), or line is segregating.

UNIFORM TEST 0 TRAITED MATERIAL, 2025

FATTY ACID, OLEIC (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	22.4	23.1	21.7	21.8	21.5	24.2	22.4
MN1511CN (SCN) (L)	20.0	18.2	21.5	19.3	20.2	20.7	20.2
M18-200026	79.9	79.3	79.4	78.3	81.5	79.3	81.5
M19-210017*	77.7	70.9	82.0	80.2	82.8	68.5	81.6
M19-210028	80.8	80.2	81.8	79.6	81.5	80.7	80.7
M19-210039	80.7	80.2	80.3	80.7	82.3	81.8	79.1
ND23-43033HO	80.5	80.8	80.5	79.3	80.5	81.1	80.7
ND23-43036HO	81.3	80.5	81.1	80.5	82.0	81.4	82.0
ND23-43042HO	81.1	80.9	81.3	78.0	83.0	81.8	81.5
ND23-43063HO	81.6	82.2	82.0	80.0	82.6	81.7	81.2
ND23-44056HO	82.1	81.5	82.6	80.2	83.3	82.4	82.6
ND23-44074HO	81.5	81.1	82.1	79.5	82.8	82.1	81.3

* Suspected contamination in sample (Crookston, Casselton), or line is segregating.

UNIFORM TEST 0 TRAITED MATERIAL, 2025

FATTY ACID, LINOLEIC (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	53.1	52.0	53.5	52.7	55.0	51.9	53.7
MN1511CN (SCN) (L)	54.8	55.6	53.6	55.3	55.0	54.4	55.0
M18-200026	4.2	5.1	4.8	5.7	3.3	2.9	3.6
M19-210017*	7.8	13.4	4.2	5.5	3.6	15.6	4.7
M19-210028	5.2	5.9	4.3	5.7	5.2	5.1	5.1
M19-210039	5.0	5.6	4.5	5.2	4.3	4.6	5.9
ND23-43033HO	4.1	4.9	3.8	4.0	4.1	4.0	3.9
ND23-43036HO	4.4	5.2	4.4	4.2	3.8	4.5	4.1
ND23-43042HO	4.2	4.0	3.5	5.7	3.7	3.4	4.8
ND23-43063HO	3.7	2.7	4.1	4.3	2.9	3.9	4.6
ND23-44056HO	4.4	4.7	4.2	5.6	4.2	3.7	4.2
ND23-44074HO	3.1	3.4	2.6	4.0	2.5	2.8	3.2

* Suspected contamination in sample (Crookston, Casselton), or line is segregating.

UNIFORM TEST 0 TRAITED MATERIAL, 2025

FATTY ACID, LINOLENIC (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	9.6	10.2	9.9	10.5	8.8	9.3	8.8
MN1511CN (SCN) (L)	9.7	10.7	9.3	10.2	9.4	9.3	9.4
M18-200026	5.1	4.8	4.8	5.2	4.5	7.1	4.3
M19-210017*	3.4	4.2	2.8	3.2	2.7	4.2	3.0
M19-210028	3.2	3.6	3.1	3.6	3.0	3.0	3.0
M19-210039	3.2	3.1	3.6	3.1	2.8	2.8	3.9
ND23-43033HO	4.9	4.1	4.9	6.2	5.0	4.4	4.6
ND23-43036HO	3.7	3.9	3.3	4.5	3.6	3.5	3.4
ND23-43042HO	4.5	5.1	4.8	5.4	3.5	4.8	3.6
ND23-43063HO	4.5	4.9	3.9	5.3	4.4	4.4	3.9
ND23-44056HO	3.6	4.0	3.5	4.0	3.0	4.0	3.3
ND23-44074HO	5.4	5.4	5.1	6.2	4.9	5.3	5.5

* Suspected contamination in sample (Crookston, Casselton), or line is segregating.

UNIFORM TEST 0 TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

Strain	Sucrose 6 %	Raffinose 6 %	Stachyose 6 %	Total Sugar 6 %
ND Dickey (0)	4.4	0.4	2.4	7.3
MN1511CN (SCN)(L)	2.9	0.4	2.3	5.6
M18-151014	4.4	0.3	0.4	5.2
M18-224022	3.5	0.3	1.3	5.1

UNIFORM TEST 0 TRAITED MATERIAL, 2025

SEED SUGAR, SUCROSE (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	4.4	4.9	5.0	3.7	3.5	4.6	4.5
MN1511CN (SCN)(L)	2.9	3.6	3.6	2.1	2.5	2.9	2.9
M18-151014	4.4	4.8	5.3	3.6	3.2	4.1	5.7
M18-224022	3.5	2.3	3.6	3.3	4.0	3.8	4.2

UNIFORM TEST 0 TRAITED MATERIAL, 2025

SEED SUGAR, RAFFINOSE (%)

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	0.4	0.5	0.5	0.4	0.3	0.4	0.4
MN1511CN (SCN)(L)	0.4	0.5	0.4	0.3	0.4	0.4	0.3
M18-151014	0.3	0.4	0.2	0.4	0.3	0.1	0.4
M18-224022	0.3	0.2	0.3	0.3	0.3	0.3	0.3

UNIFORM TEST 0 TRAITED MATERIAL, 2025**SEED SUGAR, STACHYOSE (%)**

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	2.4	3.1	2.4	2.6	1.7	2.5	2.3
MN1511CN (SCN)(L)	2.3	2.9	2.7	1.8	2.1	2.3	2.0
M18-151014	0.4	0.3	0.8	0.4	0.3	0.6	0.3
M18-224022	1.3	1.0	1.2	1.4	1.5	1.3	1.3

UNIFORM TEST 0 TRAITED MATERIAL, 2025**SEED SUGAR, TOTAL (%)**

Strain	Mean 6 Tests	Crooks- ton MN	More- head MN	Perley MN	Aber- crombie ND	Cassel- ton ND	Gales- burg ND
ND Dickey (0)	7.3	8.6	8.0	6.7	5.6	7.5	7.3
MN1511CN (SCN)(L)	5.6	7.0	6.7	4.2	5.0	5.7	5.3
M18-151014	5.2	5.4	6.2	4.3	3.9	4.8	6.4
M18-224022	5.1	3.4	5.1	5.0	5.8	5.4	5.8

**Northern Regional Uniform Test
Uniform Test I, Traited Material, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	MN1511CN (SCN) (I)	M06-288181	M06-358188	Lorenz	3		SCN, Rps1c
2	AG10XF4 (E)			Cai	Initial		
3	AG17XF5			Cai	Initial		
4	MN1905CN (L)	M08-365038	IA1026	Lorenz	1	F9	Y1d, SCN
5	M08-362051HOLL-4	[M08-362051(4) x KB13-40#813HO]	[M08-362051(4) x M05-319034LL]	Lorenz	2	F4	HOLL, SCN, H-Rps1a
6	M08-362051HOLL-5	[M08-362051(4) x KB13-40#813HO]	[M08-362051(4) x M05-319034LL]	Lorenz	2	F4	HOLL
7	M08-362051HOLL-7	[M08-362051(4) x KB13-40#813HO]	[M08-362051(4) x M05-319034LL]	Lorenz	2	F4	HOLL, SCN
8	M17R-306019	MN0208CN	M12R-801105	Lorenz	24 UT 0-TM	F4	RR
9	M18-113012	M10-207102	ORC 3713N	Lorenz	1	F5	YLDPro
10	M19-160019	M11-132044	M13-194051	Lorenz	Initial	F5	YLD-Div
11	M19-206050	M08-359176HOLL-1	LD16-10150	Lorenz	Initial	F5	HOLL
12	M19-240006	M13-266011	LD14-4098a	Lorenz	Initial	F5	APHID: Rag1
13	M19-240008	M13-266011	LD14-4098a	Lorenz	Initial	F5	APHID: Rag1

UNIFORM TEST I TRAITED MATERIAL, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	IDC Score	
		Crooks-ton	Climax
MN1511CN (SCN) (I)	PGBDYBfI	2.3	2.4
AG10XF4 (E)	PGBDYIbI		
AG17XF5	PLtTSYBI		
MN1905CN (L)	PTBDYYI	2.0	2.3
M08-362051HOLL-4	PLtB+TSYYI	3.5	2.9
M08-362051HOLL-5	PT+LtBSYYI	3.3	2.4
M08-362051HOLL-7	PLtBSYYI	3.0	2.2
M17R-306019	P+WT+GB+TSYHI	2.0	2.2
M18-113012	PGBDYI	2.8	3.4
M19-160019	P+WTBDYYI	2.0	2.8
M19-206050	PTBSYBI	3.0	2.8
M19-240006	P+WTTDYBrI	1.8	1.6
M19-240008	PTBDYYI	2.5	2.3

UNIFORM TEST I TRAITED MATERIAL, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	7 bu/a	7 No.	5 Date	8 Score	8 In.	7 g/100	7 Score	8 Protein %	8 Oil %
MN1511CN (SCN) (I)	59.4	13	9/9	1.6	35	14.8	1.6	34.1	19.0
AG10XF4 (E)	60.9	11	0.0	1.3	34	19.5	2.2	34.1	19.0
AG17XF5	70.4	1	2.4	1.6	35	15.8	1.2	34.4	18.9
MN1905CN (L)	69.2	2	6.3	1.7	35	17.1	1.7	34.6	19.2
M08-362051HOLL-4	63.7	8	6.0	2.2	35	14.7	1.7	36.0	18.8
M08-362051HOLL-5	65.7	4	6.6	2.2	36	15.3	1.7	35.9	18.8
M08-362051HOLL-7	64.4	6	6.2	1.9	34	14.7	1.6	35.6	18.6
M17R-306019	64.2	7	2.5	1.5	33	16.3	1.8	33.1	19.7
M18-113012	60.2	12	0.7	1.6	33	17.0	1.8	34.6	18.8
M19-160019	67.4	3	6.7	1.3	32	15.6	1.4	35.6	18.5
M19-206050	62.0	10	8.0	1.6	36	16.4	1.4	36.2	19.5
M19-240006	64.7	5	9.7	1.2	37	16.0	1.4	36.5	17.5
M19-240008	63.6	9	9.8	1.6	37	17.5	1.8	36.9	17.3
Mean	64.3			1.6	34.7	16.2	1.6	35.2	18.7
C.V. (%)	7.9								
L.S.D. (5%)	3.1								

116.6 Days After Planting

UNIFORM TEST I TRAITED MATERIAL, 2025

2024-2025 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.	12 Date	16 Score	16 In.	15 g/100	15 Score	15 Protein %	15 Oil %
MN1511CN (SCN) (I)	58.5	5	9/10	1.6	34	14.8	1.5	33.9	19.2
MN1905CN (L)	68.3	1	5.7	1.6	34	16.9	1.6	34.4	19.6
M08-362051HOLL-4	60.8	4	5.4	2.1	33	14.6	1.4	35.8	19.2
M08-362051HOLL-5	63.5	3	5.8	2.1	34	15.0	1.5	35.7	19.2
M08-362051HOLL-7	63.7	2	5.3	1.8	33	14.6	1.4	35.6	19.1
M18-113012	58.2	6	0.2	1.5	32	16.8	1.6	34.7	19.1

118.3 Days After Planting

2023-2025 3-YEAR MEAN

No. of Tests Strain	24	24	20	24	24	23	23	23	23
MN1511CN (SCN) (I)	60.2	4	9/11	1.7	36	14.9	1.6	34.0	19.1
M08-362051HOLL-4	60.7	3	5.4	2.4	34	14.9	1.6	36.1	19.1
M08-362051HOLL-5	61.9	2	5.6	2.4	35	15.2	1.6	35.9	19.1
M08-362051HOLL-7	62.5	1	5.0	2.1	34	14.9	1.5	35.9	19.0

119.5 Days After Planting

UNIFORM TEST I TRAITED MATERIAL, 2025

YIELD (bu/a)

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI*	Saginaw MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	59.4	65.1	62.5	56.0	43.9	51.0	57.9	59.3	64.1
AG10XF4 (E)	60.9	59.6	68.4	62.2	45.6	46.5	65.2	54.0	70.3
AG17XF5	70.4	73.8	82.0	70.6		57.4	82.1	55.4	71.7
MN1905CN (L)	69.2	78.3	84.4	71.9	51.4	58.4	76.4	51.3	63.7
M08-362051HOLL-4	63.7	67.4	69.6	71.4	50.3	50.6	72.0	57.4	57.7
M08-362051HOLL-5	65.7	63.3	71.2	73.8	48.1	56.2	69.5	61.9	64.0
M08-362051HOLL-7	64.4	72.6	70.8	70.8	49.1	52.0	73.3	52.2	59.1
M17R-306019	64.2	69.0	70.6	52.3	57.9	53.5	73.5	60.6	70.0
M18-113012	60.2	67.0	68.2	60.4	49.6	48.1	59.1	56.9	61.6
M19-160019	67.4	73.6	75.2	70.9	49.0	56.8	76.7	52.9	66.0
M19-206050	62.0	72.9	73.2	67.6	45.1	52.8	64.6	51.6	53.6
M19-240006	64.7	74.6	74.3	68.6	48.2	51.4	69.1	53.2	60.8
M19-240008	63.6	73.4	71.7	71.9	39.0	45.4	73.5	51.3	58.5
Location Mean		70.0	72.5	66.8	48.1	52.3	70.2	55.2	63.2
C.V. (%)		6.6	3.1	8.7	9.9	10.3	6.9	10.6	7.5
L.S.D. (5%)		7.8	4.8	12.6	10.4	11.7	8.2	9.9	8.0
Row sp. (In.)		30	30	30	15	15	30	30	30
Rows/Plot		4	4	4	6	6	4	4	4
Reps		3	2	2	2	2	3	3	3

* Data not included in mean.

UNIFORM TEST I TRAITED MATERIAL, 2025

YIELD RANK

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	13	11	13	12	11	9	13	3	5
AG10XF4 (E)	11	13	11	10	9	12	10	7	2
AG17XF5	1	3	2	7		2	1	6	1
MN1905CN (L)	2	1	1	2	2	1	3	12	7
M08-362051HOLL-4	8	9	10	4	3	10	7	4	12
M08-362051HOLL-5	4	12	7	1	8	4	8	1	6
M08-362051HOLL-7	6	7	8	6	5	7	6	10	10
M17R-306019	7	8	9	13	1	5	4	2	3
M18-113012	12	10	12	11	4	11	12	5	8
M19-160019	3	4	3	5	6	3	2	9	4
M19-206050	10	6	5	9	10	6	11	11	13
M19-240006	5	2	4	8	7	8	9	8	9
M19-240008	9	5	6	2	12	13	5	13	11

UNIFORM TEST I TRAITED MATERIAL, 2025

MATURITY (date)

Strain	Mean 5 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN*	Rose- Mount MN*	Waseca MN
MN1511CN (SCN) (I)	9/9	9/5	9/4	9/1	9/19	9/19	9/30	9/25	
AG10XF4 (E)	0	1	-1	0	1	-1	-8	-2	
AG17XF5	2	3	3	4	4	-1	-6	-1	
MN1905CN (L)	6	8	9	10	6	-1	-3	-2	
M08-362051HOLL-4	6	9	6	9	6	1	-1	-7	
M08-362051HOLL-5	7	9	8	9	7	1	-4	-0	
M08-362051HOLL-7	6	9	5	10	7	1	-7	-3	
M17R-306019	2	3	2	1	6	1	-3	-2	
M18-113012	1	2	-1	1	2	0	-7	-6	
M19-160019	7	9	7	9	9	1	-6	-2	
M19-206050	8	9	10	11	7	3	-6	-3	
M19-240006	10	13	12	12	9	4	-9	-4	
M19-240008	10	13	11	12	9	4	-4	0	
Date Planted	5/16	5/12	5/9	5/10	6/3	5/15	5/8	5/1	5/12
Days to Mature	117	116	118	114	108	127	145	147	

* Highly variable, data not included in mean.

UNIFORM TEST I TRAITED MATERIAL, 2025

LODGING (score)

Strain	Mean 8 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	1.6	2.7	1.5	1.0	1.0	1.0	1.3	2.3	2.3
AG10XF4 (E)	1.3	2.0	1.0	1.0	1.0	1.0	1.0	2.3	1.0
AG17XF5	1.6	3.0	1.5	1.0	1.0	1.0	1.0	2.0	2.3
MN1905CN (L)	1.7	2.7	2.0	1.0	1.0	1.0	1.3	2.3	2.0
M08-362051HOLL-4	2.2	4.7	3.0	1.5	1.0	1.0	2.0	1.7	2.7
M08-362051HOLL-5	2.2	4.3	3.0	1.5	1.0	1.0	2.0	2.0	3.0
M08-362051HOLL-7	1.9	4.3	1.5	1.0	1.0	1.0	1.3	2.0	3.0
M17R-306019	1.5	3.3	1.0	1.0	1.0	1.0	1.0	2.3	1.7
M18-113012	1.6	3.7	2.0	1.0	1.0	1.0	1.0	2.0	1.3
M19-160019	1.3	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.7
M19-206050	1.6	2.7	1.5	1.0	1.0	1.0	1.3	2.3	2.3
M19-240006	1.2	1.3	1.0	1.0	1.0	1.0	1.0	1.7	1.3
M19-240008	1.6	3.0	1.5	1.0	1.0	1.0	1.0	2.3	2.3

UNIFORM TEST I TRAITED MATERIAL, 2025

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	35	37	35	27	30	36	44	33	38
AG10XF4 (E)	34	34	34	26	30	32	36	39	38
AG17XF5	35	35	34	32	33	32	36	38	37
MN1905CN (L)	35	37	39	32	33	27	38	36	39
M08-362051HOLL-4	35	38	36	32	36	35	36	36	36
M08-362051HOLL-5	36	37	39	33	35	35	38	37	37
M08-362051HOLL-7	34	39	35	30	31	29	36	36	36
M17R-306019	33	36	33	23	32	30	39	36	34
M18-113012	33	37	33	27	32	29	35	33	36
M19-160019	32	32	32	28	31	30	34	35	35
M19-206050	36	37	38	36	34	33	37	36	38
M19-240006	37	42	39	34	37	35	38	32	42
M19-240008	37	40	39	37	34	35	40	39	37

UNIFORM TEST I TRAITED MATERIAL, 2025

SEED SIZE (g/100)

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	14.8	14.3		13.9	12.9	15.0	16.8	14.6	16.2
AG10XF4 (E)	19.5	17.7		18.7	17.6	19.3	21.8	20.8	20.6
AG17XF5	15.8	15.3		14.5	14.4	15.3	18.6	15.7	16.5
MN1905CN (L)	17.1	17.0		15.5	15.5	16.3	19.9	17.4	17.9
M08-362051HOLL-4	14.7	13.7		13.5	13.4	14.9	17.2	14.7	15.8
M08-362051HOLL-5	15.3	14.0		14.2	13.9	15.4	17.7	16.0	15.7
M08-362051HOLL-7	14.7	13.7		13.2	13.5	15.3	17.1	15.0	15.4
M17R-306019	16.3	15.7		15.0	14.4	16.4	18.3	16.9	17.1
M18-113012	17.0	16.7		15.5	15.2	15.9	19.6	17.5	18.9
M19-160019	15.6	15.0		13.8	14.3	15.8	18.2	16.2	16.1
M19-206050	16.4	16.3		14.3	14.5	16.7	18.6	17.4	17.0
M19-240006	16.0	14.3		13.2	14.6	17.2	17.7	16.7	18.1
M19-240008	17.5	16.7		15.0	16.1	17.4	20.3	18.3	18.8

UNIFORM TEST I TRAITED MATERIAL, 2025

SEED QUALITY (score)

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	1.6	2.0		1.0	2.5	1.5	1.0	1.0	2.0
AG10XF4 (E)	2.2	2.0		1.0	3.0	1.5	2.0	3.0	3.0
AG17XF5	1.2	1.0		1.0	2.0	1.5	1.0	1.0	1.0
MN1905CN (L)	1.7	1.0		1.0	2.0	3.0	2.0	1.0	2.0
M08-362051HOLL-4	1.7	1.7		1.0	2.5	2.0	1.0	1.0	3.0
M08-362051HOLL-5	1.7	1.0		1.0	3.0	2.0	3.0	1.0	1.0
M08-362051HOLL-7	1.6	1.0		1.0	3.0	2.0	2.0	1.0	1.0
M17R-306019	1.8	2.0		1.0	2.0	1.5	3.0	1.0	2.0
M18-113012	1.8	1.7		1.0	2.0	2.0	3.0	1.0	2.0
M19-160019	1.4	1.0		1.0	2.0	2.0	2.0	1.0	1.0
M19-206050	1.4	1.0		1.0	2.0	1.0	3.0	1.0	1.0
M19-240006	1.4	1.0		1.0	2.0	1.0	3.0	1.0	1.0
M19-240008	1.8	1.3		1.0	2.0	2.0	2.0	2.0	2.0

UNIFORM TEST I TRAITED MATERIAL, 2025

PROTEIN (%)

Strain	Mean 8 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	34.1	34.3	34.6	32.9	33.2	34.3	35.5	33.9	34.0
AG10XF4 (E)	34.1	34.0	32.8	33.9	33.9	33.7	35.6	34.7	33.8
AG17XF5	34.4	35.4	34.3	35.2	33.3	33.4	35.5	34.2	33.7
MN1905CN (L)	34.6	34.1	34.4	33.5	34.3	34.8	35.7	35.0	34.7
M08-362051HOLL-4	36.0	35.9	35.6	36.0	34.7	35.7	38.0	35.1	36.9
M08-362051HOLL-5	35.9	36.1	34.8	35.6	35.6	35.3	37.5	36.2	35.8
M08-362051HOLL-7	35.6	36.3	34.0	35.6	35.3	34.7	37.6	35.8	35.5
M17R-306019	33.1	33.0	33.3	32.6	32.5	33.4	33.6	33.1	33.5
M18-113012	34.6	35.8	33.3	34.2	33.8	33.4	35.7	35.0	35.3
M19-160019	35.6	35.2	34.7	36.6	34.4	35.7	36.2	36.8	34.9
M19-206050	36.2	37.2	35.3	30.9	36.4	36.9	38.4	37.1	37.3
M19-240006	36.5	37.5	35.8	35.1	36.2	36.5	37.6	35.8	37.3
M19-240008	36.9	37.3	36.7	36.1	36.2	36.8	38.6	36.7	37.0

UNIFORM TEST I TRAITED MATERIAL, 2025

OIL (%)

Strain	Mean 8 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Saginaw MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	19.0	19.3	19.7	20.4	18.2	19.0	17.9	18.5	18.7
AG10XF4 (E)	19.0	19.3	20.0	20.1	18.0	19.5	18.0	18.3	18.6
AG17XF5	18.9	18.7	19.8	19.5	18.6	19.4	17.8	18.5	18.7
MN1905CN (L)	19.2	19.7	19.6	20.4	18.6	18.6	18.7	19.0	19.0
M08-362051HOLL-4	18.8	18.8	19.2	19.5	18.5	18.5	18.1	19.1	18.3
M08-362051HOLL-5	18.8	18.8	20.0	19.8	17.8	18.5	18.3	18.7	18.4
M08-362051HOLL-7	18.6	18.6	20.0	19.1	17.5	18.7	18.1	18.6	18.7
M17R-306019	19.7	20.1	20.0	21.0	18.9	19.5	19.2	19.6	19.1
M18-113012	18.8	18.8	20.1	19.9	18.1	19.0	18.2	18.7	17.9
M19-160019	18.5	19.1	19.2	19.2	18.2	17.8	18.0	18.1	18.5
M19-206050	19.5	19.0	19.6	25.2	18.0	18.7	18.1	19.1	18.7
M19-240006	17.5	17.6	17.9	18.5	16.6	17.0	17.4	17.8	17.2
M19-240008	17.3	17.2	17.9	18.4	16.7	17.1	16.6	17.2	17.2

UNIFORM TEST I TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

No. of Tests Strain	Palmitic 7 %	Stearic 7 %	Oleic 7 %	Linoleic 7 %	Linolenic 7 %
MN1511CN (SCN) (I)	11.9	4.0	22.8	52.7	8.6
MN1905CN (L)	10.1	4.1	20.7	57.4	7.7
M08-362051HOLL-4	8.1	3.5	79.3	5.8	3.4
M08-362051HOLL-5	7.9	3.5	80.2	4.9	3.4
M08-362051HOLL-7**	8.2	3.5	74.9	9.5	4.0
M19-206050	6.8	3.5	82.2	4.6	2.9

**Suspected contamination in sample (2 locations), or line is segregating.

UNIFORM TEST I TRAITED MATERIAL, 2025

FATTY ACID, PALMITIC (%)

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	11.9	11.3	11.8	11.2	13.3	11.4	11.8	12.2
MN1905CN (L)	10.1	9.9	9.9	10.2	9.8	10.4	10.1	10.2
M08-362051HOLL-4	8.1	8.1	8.1	7.7	7.9	8.3	8.0	8.5
M08-362051HOLL-5	7.9	8.0	7.6	8.0	7.5	8.1	8.2	8.1
M08-362051HOLL-7**	8.2	8.1	8.1	7.9	7.7	9.5	8.0	7.9
M19-206050	6.8	7.3*	6.5	6.7	6.5	7.1	6.9	7.1

* Suspected contamination in sample, data not included in mean.

**Suspected contamination in sample (West Lafayette, Lamberton), or line is segregating.

UNIFORM TEST I TRAITED MATERIAL, 2025

FATTY ACID, STEARIC (%)

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	4.0	3.4	3.7	3.9	6.2	3.6	3.8	3.7
MN1905CN (L)	4.1	3.7	3.9	3.8	5.1	4.1	4.1	3.9
M08-362051HOLL-4	3.5	3.4	3.3	3.3	3.9	3.5	3.5	3.5
M08-362051HOLL-5	3.5	3.7	3.4	3.3	4.0	3.4	3.6	3.4
M08-362051HOLL-7**	3.5	3.4	3.3	3.3	4.0	3.4	3.5	3.4
M19-206050	3.5	3.4*	3.4	3.4	4.1	3.3	3.5	3.4

* Suspected contamination in sample, data not included in mean.

**Suspected contamination in sample (West Lafayette, Lamberton), or line is segregating.

UNIFORM TEST I TRAITED MATERIAL, 2025

FATTY ACID, OLEIC (%)

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	22.8	21.8	22.4	24.2	31.0	21.4	18.8	20.2
MN1905CN (L)	20.7	19.4	20.7	20.0	20.7	22.8	20.1	21.5
M08-362051HOLL-4	79.3	79.8	80.4	81.5	77.5	79.6	77.7	78.4
M08-362051HOLL-5	80.2	80.0	80.9	81.6	78.6	80.9	79.0	80.7
M08-362051HOLL-7**	74.9	81.1	81.3	71.1	79.4	51.7	78.6	81.2
M19-206050	82.2	75.6*	82.8	82.0	80.8	82.8	82.3	82.3

* Suspected contamination in sample, data not included in mean.

**Suspected contamination in sample (West Lafayette, Lamberton), or line is segregating.

UNIFORM TEST I TRAITED MATERIAL, 2025

FATTY ACID, LINOLEIC (%)

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	52.7	55.8	54.0	52.7	42.9	54.1	55.2	54.4
MN1905CN (L)	57.4	59.1	57.4	59.2	56.9	55.2	57.3	56.7
M08-362051HOLL-4	5.8	5.3	5.5	4.4	6.8	5.7	7.1	5.8
M08-362051HOLL-5	4.9	4.7	3.7	4.3	5.4	4.9	6.0	5.2
M08-362051HOLL-7**	9.5	4.2	4.3	12.6	5.5	29.1	6.5	4.2
M19-206050	4.6	10.5*	3.8	5.1	5.2	4.2	4.6	4.6

* Suspected contamination in sample, data not included in mean.

**Suspected contamination in sample (West Lafayette, Lamberton), or line is segregating.

UNIFORM TEST I TRAITED MATERIAL, 2025

FATTY ACID, LINOLENIC (%)

Strain	Mean 7 Tests	Ames IA	Wanatah IN	West Lafayette IN	East Lansing MI	Lamber- ton MN	Rose- Mount MN	Waseca MN
MN1511CN (SCN) (I)	8.6	7.7	8.3	8.0	6.6	9.6	10.3	9.6
MN1905CN (L)	7.7	7.9	8.1	6.7	7.6	7.4	8.3	7.7
M08-362051HOLL-4	3.4	3.4	2.6	3.1	4.0	2.9	3.7	3.8
M08-362051HOLL-5	3.4	3.6	4.4	2.8	4.6	2.8	3.1	2.7
M08-362051HOLL-7**	4.0	3.1	3.0	5.1	3.4	6.4	3.4	3.3
M19-206050	2.9	3.2*	3.5	2.8	3.4	2.6	2.7	2.7

* Suspected contamination in sample, data not included in mean.

**Suspected contamination in sample (West Lafayette, Lamberton), or line is segregating.

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**Northern Regional Uniform Test
Uniform Test II, Traited Material, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	IA2102 (II)	A04-545045	AgriPro 98180-A01-0613	Cai	13	F4	
2	AG17XF5 (E)			Cai	Initial		RR2, Xtend Flex
3	AG25XF3			Cai	1		RR2, Xtend Flex
4	U14-910097 (SCN) (L)	U09-105007	LD07-3419	Graef	7	F6	SCN, HR, MR, IDC
5	E20316T	NE3400	E11128T	Wang	2	F5	High Protein
6	E21062T	E16901T	E14077	Wang	2	F5	high protein, SCN, Rps1
7	E21378HOS	LD10-10198	E18902	wang	Initial	F5	high oleic, low lin, low sat
8	E22296	E15351	E18171-16	Wang	1	F5	SCN, Rps1, high oleic
9	E23136HOS	E18907	E14077	wang	Initial	F5	high oleic, low lin, low sat
10	E23142HOS	E19802-11	E12076T-03	wang	Initial	F5	high oleic, low lin, low sat
11	E23180HOS	E18907	E14077	wang	Initial	F5	high oleic, low lin, low sat
12	E23194	DF 227 N	E19857	wang	Initial	F5	high oleic
13	LD21-7914	LD16-10150 x LD11-2170	LD16-10150 x LD15-5776793	Monteverde	1	F4	HOLL, SCN
14	LD22-2020304	LD20-302052	LXD21-234-2	Monteverde	Initial	F4	HOLL rs2rs3, SCN
15	LD22-2020311	LD20-302052	LXD21-234-2	Monteverde	Initial	F4	HOLL rs2rs3, SCN
16	LD22-2020314	LD20-302052	LXD21-234-2	Monteverde	Initial	F4	HOLL rs2rs3, SCN
17	LD22-2020405	LD20-302052	LXD21-235-3	Monteverde	Initial	F4	HOLL rs2rs3, SCN
18	LD22-3010202	LD17-3855	LD20-5011031	Monteverde	Initial	F4	HOLL, SCN
19	LD22-3011602	LD18-6596	LD18-12779	Monteverde	Initial	F4	HOLL, SCN
20	LD23-11028	LD20-302052	LXD21-235-3	Monteverde	Initial	F4	HOLL rs2rs3, SCN
21	LD23-11029	LD20-302052	LXD21-235-3	Monteverde	Initial	F4	HOLL rs2rs3, SCN

UNIFORM TEST II TRAITED MATERIAL, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
IA2102 (II)	WGTDYYI
AG17XF5 (E)	PLtBDYBI
AG25XF3	PGBDYIbI
U14-910097 (SCN) (L)	PGTDYBfI
E20316T	PGTSYYI
E21062T	P+Wl ^t TSYYI
E21378HOS	PGBDYIbI
E22296	WGBDYBfI
E23136HOS	PTTDYBI
E23142HOS	WTTSYGD
E23180HOS	PTBDYBI
E23194	PLtBSYBrI
LD21-7914	PLtBDYGI
LD22-2020304	PLtBDYBrI
LD22-2020311	PLtBDYBrI
LD22-2020314	PLtBDYBrI
LD22-2020405	PLtBDYBrI
LD22-3010202	PTBSYGI
LD22-3011602	PLtBDYGI
LD23-11028	PLtBDYBrI
LD23-11029	PLtBDYBrI

UNIFORM TEST II TRAITED MATERIAL, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	6 bu/a	6 No.	6 Date	6 Score	6 In.	6 g/100	6 Score	7 Protein %	7 Oil %
IA2102 (II)	67.5	11	9/17	2.6	39	15.5	1.6	34.0	18.8
AG17XF5 (E)	66.7	15	-6.3	1.4	36	14.8	1.4	34.0	19.4
AG25XF3	72.7	3	4.0	1.1	40	14.4	1.4	34.0	17.4
U14-910097 (SCN) (L)	75.8	1	5.2	2.0	38	13.9	1.4	32.9	19.7
E20316T	64.2	18	4.4	1.5	39	15.1	1.4	36.1	18.3
E21062T	70.8	5	0.9	1.1	35	16.2	1.5	33.8	19.6
E21378HOS	70.2	6	3.0	1.5	39	15.6	1.6	34.9	18.8
E22296	62.8	21	2.8	2.0	44	13.8	1.7	35.8	18.6
E23136HOS	63.5	20	4.2	1.7	38	14.4	1.7	34.1	18.8
E23142HOS	63.9	19	1.4	1.7	32	14.8	1.3	34.2	19.2
E23180HOS	65.9	17	2.1	1.9	37	14.2	1.7	34.7	18.7
E23194	68.0	8	2.8	1.3	37	13.2	1.2	35.1	19.0
LD21-7914	67.3	12	0.3	1.0	30	14.3	1.5	34.6	19.1
LD22-2020304	66.7	16	2.3	1.4	36	12.7	1.3	35.3	19.7
LD22-2020311	67.6	10	2.2	1.4	35	13.0	1.3	35.5	19.5
LD22-2020314	66.8	14	2.0	1.7	35	12.8	1.4	35.4	19.5
LD22-2020405	72.8	2	4.0	1.5	34	13.8	1.3	35.0	19.8
LD22-3010202	67.2	13	-1.9	1.3	38	13.7	1.6	35.3	18.7
LD22-3011602	70.8	4	4.5	1.3	37	14.0	1.8	35.3	18.7
LD23-11028	68.1	7	2.8	1.6	34	13.4	1.6	35.6	19.6
LD23-11029	67.8	9	3.3	1.5	34	13.5	1.6	35.6	19.4
Mean	68.0			1.5	36.5	14.2	1.5	34.8	19.1
C.V. (%)	7.5								
L.S.D. (5%)	3.4								

121.7 Days After Planting

UNIFORM TEST II TRAITED MATERIAL, 2025

2024-2025 2-YEAR MEAN

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.	12 g/100	12 Score	13 %	13 %
IA2102 (II)	66.9	4	9/15	2.5	38	15.9	1.5	34.2	19.1
AG25XF3	71.1	2	4.3	1.0	38	14.8	1.3	33.8	18.1
U14-910097 (SCN) (L)	75.1	1	5.9	2.0	36	14.3	1.3	32.7	20.2
E20316T	65.2	5	4.5	1.6	38	15.7	1.3	36.3	18.7
E21062T	67.6	3	0.0	1.2	34	16.5	1.5	34.6	19.6
E22296	63.8	7	3.2	2.0	43	14.1	1.5	35.7	19.0
LD21-7914	64.9	6	0.9	1.0	29	14.8	1.5	34.6	19.7

121.8 Days After Planting

2023-2025 3-YEAR MEAN

No. of Tests Strain	18	18	18	19	18	17	17	18	18
IA2102 (II)	66.6	4	9/17	2.7	38	16.6	1.5	34.3	19.3
U14-910097 (SCN) (L)	72.5	1	5.8	2.3	36	15.2	1.4	33.1	20.3
E20316T	66.8	3	4.6	1.9	38	16.6	1.4	36.5	18.8
E21062T	67.2	2	0.3	1.5	34	17.0	1.6	35.0	19.5

124.3 Days After Planting

UNIFORM TEST II TRAITED MATERIAL, 2025

YIELD (bu/a)

Strain	Mean 6 Tests	Ames IA	Mon- mouth IL*	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	67.5	67.2	55.0	49.5	74.3	78.0	86.2	61.2
AG17XF5 (E)	66.7	64.6	57.1	44.4	75.5	79.2	85.9	62.3
AG25XF3	72.7	72.4	47.4	58.6	79.0	90.4	85.4	62.0
U14-910097 (SCN) (L)	75.8	76.3	58.7	57.5	81.8	90.2	96.2	64.2
E20316T	64.2	62.1	53.7	48.6	71.6	78.5	81.6	54.5
E21062T	70.8	72.7	42.2	51.3	79.8	80.1	91.0	61.2
E21378HOS	70.2	65.1	51.6	60.4	78.6	87.6	82.7	56.7
E22296	62.8	55.3	44.6	53.7	71.4	82.9	79.5	45.9
E23136HOS	63.5	64.7	51.7	51.7	68.7	76.1	76.0	56.9
E23142HOS	63.9	60.5	40.3	52.9	73.8	78.5	73.9	55.2
E23180HOS	65.9	69.1	49.8	58.1	71.6	76.7	77.3	52.5
E23194	68.0	71.9	51.0	52.0	75.3	79.5	84.3	56.8
LD21-7914	67.3	76.7	58.6	50.6	76.7	67.2	83.6	60.8
LD22-2020304	66.7	72.0	47.1	51.8	69.4	85.9	74.4	58.2
LD22-2020311	67.6	79.7	51.9	55.8	69.4	81.8	84.8	46.3
LD22-2020314	66.8	69.5	55.4	54.2	76.7	80.9	75.9	55.1
LD22-2020405	72.8	78.8	54.4	56.8	78.3	86.8	86.2	61.4
LD22-3010202	67.2	69.0	56.0	53.8	79.9	77.0	84.4	51.0
LD22-3011602	70.8	77.1	55.6	53.5	80.3	87.7	81.7	56.3
LD23-11028	68.1	73.2	41.1	53.0	74.2	87.7	80.7	51.6
LD23-11029	67.8	74.6	51.6	55.2	74.2	79.6	82.7	52.0
Location Mean		70.1	51.2	53.5	75.2	81.5	82.6	56.3
C.V. (%)		9.3	14.1	6.9	4.2	6.7	5.4	7.0
L.S.D. (5%)		10.8	15.3	7.7	6.6	11.4	9.3	8.2
Row sp. (In.)		30	30	30	30	30	15	15
Rows/Plot		4	4	4	4	4	6	6
Reps		3	2	2	2	2	2	2

* Data not included in mean.

UNIFORM TEST II TRAITED MATERIAL, 2025

YIELD RANK

Strain	Mean 6 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	11	15	7	19	12	17	3	6
AG17XF5 (E)	15	18	3	21	10	14	5	2
AG25XF3	3	9	15	2	5	1	6	3
U14-910097 (SCN) (L)	1	5	1	4	1	2	1	1
E20316T	18	19	9	20	16	16	14	15
E21062T	5	8	18	17	4	11	2	5
E21378HOS	6	16	11	1	6	5	11	11
E22296	21	21	17	10	18	8	16	21
E23136HOS	20	17		16	21	20	18	9
E23142HOS	19	20	20	13	15	15	21	13
E23180HOS	17	13	14	3	16	19	17	16
E23194	8	11	13	14	11	13	9	10
LD21-7914	12	4	2	18	8	21	10	7
LD22-2020304	16	10	16	15	19	7	20	8
LD22-2020311	10	1	10	6	19	9	7	20
LD22-2020314	14	12	6	8	8	10	19	14
LD22-2020405	2	2	8	5	7	6	4	4
LD22-3010202	13	14	4	9	3	18	8	19
LD22-3011602	4	3	5	11	2	3	13	12
LD23-11028	7	7	19	12	13	4	15	18
LD23-11029	9	6	12	7	14	12	12	17

UNIFORM TEST II TRAITED MATERIAL, 2025

MATURITY (date)

Strain	Mean 6 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	9/17	9/14		9/11	9/14	9/14	9/20	10/3
AG17XF5 (E)	-6	-4		-8	-7	-7	-1	-12
AG25XF3	4	7		8	3	6	0	1
U14-910097 (SCN) (L)	5	6		8	4	7	3	3
E20316T	4	6		5	6	5	4	1
E21062T	1	1		4	0	1	1	-1
E21378HOS	3	5		5	4	2	1	2
E22296	3	4		3	4	5	3	-1
E23136HOS	4	5		6	4	5	3	2
E23142HOS	1	4		3	2	2	-1	-1
E23180HOS	2	3		4	2	4	1	-1
E23194	3	4		4	3	3	3	1
LD21-7914	0	0		3	2	0	-1	-3
LD22-2020304	2	4		2	2	5	1	1
LD22-2020311	2	4		4	2	4	1	-2
LD22-2020314	2	4		3	2	5	0	-2
LD22-2020405	4	6		5	4	6	3	1
LD22-3010202	-2	2		-4	-2	-3	-1	-5
LD22-3011602	4	7		7	4	5	2	3
LD23-11028	3	4		5	2	5	1	1
LD23-11029	3	5		3	3	7	2	1
Date Planted	5/19	5/12	5/17	5/19	5/9	5/10	5/30	6/3
Days to Mature	122	125		115	128	127	113	122

UNIFORM TEST II TRAITED MATERIAL, 2025

LODGING (score)

Strain	Mean 6 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	2.6	3.3		1.5	2.5	2.0	3.5	2.5
AG17XF5 (E)	1.4	2.3		1.5	1.0	1.0	1.5	1.0
AG25XF3	1.1	1.3		1.0	1.0	1.0	1.0	1.0
U14-910097 (SCN) (L)	2.0	3.3		1.3	2.0	2.0	2.0	1.5
E20316T	1.5	2.0		1.5	2.0	1.5	1.0	1.0
E21062T	1.1	1.3		1.3	1.0	1.0	1.0	1.0
E21378HOS	1.5	2.3		1.3	1.5	1.0	1.5	1.5
E22296	2.0	2.3		1.5	1.5	2.0	2.0	2.5
E23136HOS	1.7	2.0		1.5	1.0	2.0	2.0	1.5
E23142HOS	1.7	2.0		1.0	1.5	2.0	1.5	2.0
E23180HOS	1.9	2.7		1.5	2.0	2.0	1.5	1.5
E23194	1.3	1.7		1.3	1.0	1.5	1.0	1.0
LD21-7914	1.0	1.0		1.0	1.0	1.0	1.0	1.0
LD22-2020304	1.4	2.3		1.0	1.5	1.5	1.0	1.0
LD22-2020311	1.4	2.0		1.5	1.5	1.5	1.0	1.0
LD22-2020314	1.7	3.3		1.3	2.0	1.5	1.0	1.0
LD22-2020405	1.5	2.0		1.0	2.0	2.0	1.0	1.0
LD22-3010202	1.3	2.0		1.5	1.0	1.0	1.5	1.0
LD22-3011602	1.3	1.3		1.3	1.5	1.5	1.0	1.0
LD23-11028	1.6	2.3		1.3	2.0	2.0	1.0	1.0
LD23-11029	1.5	2.3		1.3	1.5	2.0	1.0	1.0

UNIFORM TEST II TRAITED MATERIAL, 2025

PLANT HEIGHT (inches)

Strain	Mean 6 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	39	39		35	41	37	46	41
AG17XF5 (E)	36	36		31	37	33	41	39
AG25XF3	40	40		36	39	38	45	41
U14-910097 (SCN) (L)	38	40		35	37	36	41	39
E20316T	39	38		34	41	36	47	37
E21062T	35	36		32	34	32	41	36
E21378HOS	39	39		37	41	37	41	43
E22296	44	44		43	42	41	49	45
E23136HOS	38	39		36	37	36	43	38
E23142HOS	32	32		25	32	28	38	36
E23180HOS	37	38		36	39	35	41	34
E23194	37	38		34	39	36	41	36
LD21-7914	30	33		26	31	27	33	31
LD22-2020304	36	37		31	35	35	42	35
LD22-2020311	35	37		32	34	34	38	35
LD22-2020314	35	37		32	35	33	37	36
LD22-2020405	34	35		31	35	35	38	34
LD22-3010202	38	39		33	40	36	43	37
LD22-3011602	37	40		34	36	39	39	36
LD23-11028	34	36		30	34	34	38	35
LD23-11029	34	36		32	34	33	39	33

UNIFORM TEST II TRAITED MATERIAL, 2025

SEED SIZE (g/100)

Strain	Mean 6 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	15.5	15.0	16.5	13.3		14.7	17.2	16.0
AG17XF5 (E)	14.8	14.7	15.4	13.1		15.5	15.3	15.0
AG25XF3	14.4	13.0	14.9	14.0		14.9	14.9	14.7
U14-910097 (SCN) (L)	13.9	12.7	14.0	12.4		14.3	15.3	14.5
E20316T	15.1	14.7	15.3	13.2		14.7	16.7	15.9
E21062T	16.2	15.7	15.8	14.9		16.9	17.2	16.7
E21378HOS	15.6	14.7	16.2	15.6		16.1	15.8	15.3
E22296	13.8	13.0	14.9	12.0		14.0	15.4	13.3
E23136HOS	14.4	14.3	13.2	13.4		13.8	16.2	15.7
E23142HOS	14.8	14.3	14.7	13.6		15.7	15.9	14.6
E23180HOS	14.2	12.7	14.1	13.5		14.1	15.6	15.4
E23194	13.2	13.0	12.9	11.9		13.4	13.9	14.3
LD21-7914	14.3	15.0	15.3	13.3		14.2	14.1	14.1
LD22-2020304	12.7	13.0	13.2	11.2		12.8	12.3	13.9
LD22-2020311	13.0	13.0	13.1	11.5		12.6	13.6	14.2
LD22-2020314	12.8	13.0	13.4	11.8		12.9	12.0	13.7
LD22-2020405	13.8	14.0	13.9	12.7		13.9	13.9	14.4
LD22-3010202	13.7	14.0	14.3	12.0		12.9	15.1	13.6
LD22-3011602	14.0	13.0	14.6	13.5		14.6	13.9	14.3
LD23-11028	13.4	13.0	13.6	12.2		14.3	13.6	13.8
LD23-11029	13.5	13.3	14.1	11.9		13.5	14.1	14.3

UNIFORM TEST II TRAITED MATERIAL, 2025

SEED QUALITY (score)

Strain	Mean 6 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	1.6	1.3	2.0	2.0		1.0	1.5	1.5
AG17XF5 (E)	1.4	1.0	1.0	2.0		1.0	2.0	1.5
AG25XF3	1.4	1.0	2.0	2.0		1.0	1.5	1.1
U14-910097 (SCN) (L)	1.4	1.0	2.0	1.0		1.0	1.5	2.0
E20316T	1.4	1.0	2.0	2.0		1.0	1.5	1.0
E21062T	1.5	1.3	2.0	1.0		1.0	1.5	2.0
E21378HOS	1.6	1.0	2.0	2.0		1.0	2.0	1.5
E22296	1.7	1.0	2.0	2.0		1.5	2.0	1.5
E23136HOS	1.7	1.0	2.0	2.0		1.5	2.0	1.5
E23142HOS	1.3	1.0	2.0	1.0		1.0	1.5	1.5
E23180HOS	1.7	1.3	2.0	2.0		1.0	2.0	2.0
E23194	1.2	1.0	2.0	1.0		1.0	1.0	1.0
LD21-7914	1.5	1.0	2.0	2.0		1.0	1.5	1.5
LD22-2020304	1.3	1.0	1.0	2.0		1.0	2.0	1.0
LD22-2020311	1.3	1.0	2.0	1.0		1.0	2.0	1.0
LD22-2020314	1.4	1.0	2.0	2.0		1.0	1.0	1.5
LD22-2020405	1.3	1.0	2.0	1.0		1.0	1.5	1.5
LD22-3010202	1.6	1.0	2.0	2.0		1.0	2.5	1.0
LD22-3011602	1.8	1.0	2.0	2.0		1.0	2.5	2.0
LD23-11028	1.6	1.0	2.0	2.0		1.0	1.5	2.0
LD23-11029	1.6	1.0	2.0	2.0		1.0	1.5	1.8

UNIFORM TEST II TRAITED MATERIAL, 2025

PROTEIN (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	34.0	33.2	33.9	32.4	33.2	34.8	35.4	34.9
AG17XF5 (E)	34.0	33.5	34.1	33.3	34.2	35.1	34.2	33.5
AG25XF3	34.0	34.1	34.0	33.8	33.5	34.4	34.0	33.8
U14-910097 (SCN) (L)	32.9	33.7	32.2	31.5	32.8	33.7	33.6	32.8
E20316T	36.1	35.8	36.3	34.2	36.7	36.9	37.4	35.6
E21062T	33.8	35.0	34.3	32.9	34.8	34.9	29.7	35.2
E21378HOS	34.9	34.5	35.1	34.8	34.6	35.5	35.9	34.2
E22296	35.8	34.9	37.1	34.0	34.8	36.8	36.5	36.3
E23136HOS	34.1	33.6	33.5	32.9	33.5	34.9	35.3	34.8
E23142HOS	34.2	33.9	34.5	32.6	33.2	36.1	34.7	34.2
E23180HOS	34.7	34.1	35.2	34.2	33.4	36.0	34.5	35.4
E23194	35.1	34.5	35.1	34.1	34.5	35.8	36.2	35.6
LD21-7914	34.6	34.5	34.3	34.1	33.2	34.6	35.6	35.6
LD22-2020304	35.3	35.4	35.7	33.8	33.6	36.2	36.4	35.8
LD22-2020311	35.5	36.0	35.5	34.5	34.0	36.1	36.3	36.3
LD22-2020314	35.4	35.2	35.4	34.4	34.5	36.4	35.9	35.9
LD22-2020405	35.0	35.6	34.7	33.9	33.7	35.8	35.7	35.9
LD22-3010202	35.3	35.6	35.2	33.8	34.5	36.5	36.3	35.5
LD22-3011602	35.3	34.8	35.1	34.6	34.8	35.9	36.8	35.1
LD23-11028	35.6	35.5	36.0	34.8	33.9	37.1	36.1	36.0
LD23-11029	35.6	35.5	35.8	34.4	34.1	36.8	36.0	36.7

UNIFORM TEST II TRAITED MATERIAL, 2025

OIL (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	18.8	19.2	19.1	20.6	19.4	18.8	17.5	17.2
AG17XF5 (E)	19.4	19.6	19.6	20.6	19.6	19.3	18.6	18.4
AG25XF3	17.4	18.0	18.0	18.6	18.0	17.4	16.8	15.3
U14-910097 (SCN) (L)	19.7	19.5	20.0	21.1	19.8	19.8	18.6	19.2
E20316T	18.3	18.7	19.0	20.3	18.2	18.2	16.1	17.4
E21062T	19.6	19.2	19.5	21.0	19.2	19.2	21.7	17.9
E21378HOS	18.8	19.1	19.2	20.0	19.5	19.2	17.0	17.8
E22296	18.6	19.0	18.7	20.4	19.1	18.3	17.5	17.1
E23136HOS	18.8	19.7	19.5	20.4	19.4	19.1	17.0	16.7
E23142HOS	19.2	19.5	19.8	21.1	19.7	19.1	17.4	18.0
E23180HOS	18.7	19.3	18.8	20.0	19.6	18.7	17.3	16.9
E23194	19.0	19.4	19.4	20.5	19.4	19.1	17.4	17.6
LD21-7914	19.1	19.1	19.6	20.7	19.7	19.8	17.7	17.0
LD22-2020304	19.7	20.2	19.9	21.4	20.6	19.6	18.5	18.0
LD22-2020311	19.5	19.8	19.6	21.1	20.0	19.7	18.6	17.8
LD22-2020314	19.5	19.3	20.1	21.4	20.0	19.6	18.5	17.8
LD22-2020405	19.8	20.0	20.5	21.4	20.5	19.8	18.5	18.2
LD22-3010202	18.7	19.0	19.0	20.4	19.1	18.7	17.6	17.5
LD22-3011602	18.7	19.4	19.2	20.0	18.9	18.6	17.2	17.7
LD23-11028	19.6	20.0	20.0	21.3	20.2	19.8	18.3	17.7
LD23-11029	19.4	19.8	19.7	21.0	20.2	19.3	18.3	17.4

UNIFORM TEST II TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

No. of Tests Strain	Palmitic 7 %	Stearic 7 %	Oleic 7 %	Linoleic 7 %	Linolenic 7 %
IA2102 (II)	11.3	4.6	21.3	53.4	9.4
U14-910097 (SCN) (L)	11.0	4.6	23.1	53.2	8.1
E21378HOS	5.4	3.4	79.5	9.0	2.7
E22296	6.9	3.8	75.9	10.0	3.3
E23136HOS	4.5	3.6	79.3	9.7	2.9
E23142HOS	4.8	3.2	81.3	7.1	3.7
E23180HOS	6.1	3.7	77.7	8.6	3.9
E23194	6.7	3.9	75.9	8.8	4.7
LD21-7914	6.4	3.4	83.5	3.8	2.9
LD22-2020304	7.5	3.3	81.9	4.3	3.0
LD22-2020311	7.5	3.3	81.1	5.1	2.9
LD22-2020314	7.4	3.2	82.1	4.2	3.0
LD22-2020405	7.2	3.2	82.9	4.0	2.8
LD22-3010202	6.5	3.7	83.4	3.5	3.0
LD22-3011602	7.0	3.8	81.8	4.5	2.9
LD23-11028	7.4	3.3	82.0	4.3	3.0
LD23-11029	7.2	3.2	81.9	4.5	3.2

UNIFORM TEST II TRAITED MATERIAL, 2025

FATTY ACID, PALMITIC (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	11.3	11.7	11.0	12.0	11.7	11.1	11.3	10.3
U14-910097 (SCN) (L)	11.0	11.4	10.9	11.3	10.8	11.2	11.0	10.5
E21378HOS	5.4	5.6	5.3	5.1	5.5	5.1	6.1	9.1*
E22296	6.9	7.2	6.9	7.0	6.5	7.6	6.5	6.6
E23136HOS	4.5	4.7	4.3	4.3	4.4	4.6	4.7	4.6
E23142HOS	4.8	4.8	4.8	4.9	4.7	4.8	4.7	4.8
E23180HOS	6.1	6.0	5.4	6.0	6.4	6.2	6.2	6.5
E23194	6.7	7.0	6.4	6.5	6.7	6.5	7.4	6.7
LD21-7914	6.4	6.6	6.3	5.9	6.3	6.2	6.9	6.3
LD22-2020304	7.5	7.7	7.4	7.4	7.5	7.7	7.5	7.3
LD22-2020311	7.5	7.7	7.3	7.3	7.7	7.5	7.7	7.2
LD22-2020314	7.4	7.7	7.4	7.1	7.4	7.8	7.4	7.1
LD22-2020405	7.2	7.2	7.0	6.9	6.9	7.0	8.5	6.7
LD22-3010202	6.5	6.6	6.4	6.3	6.4	6.6	6.7	6.2
LD22-3011602	7.0	7.1	6.8	6.6	7.0	6.9	7.3	6.7*
LD23-11028	7.4	7.5	7.5	7.1	7.4	7.6	7.5	7.0
LD23-11029	7.2	7.5	7.3	7.0	7.4	7.0	7.6	6.7

* Suspected contamination or sampling error, data not included in mean.

UNIFORM TEST II TRAITED MATERIAL, 2025

FATTY ACID, STEARIC (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	4.6	4.3	4.6	4.6	4.2	4.0	5.1	5.4
U14-910097 (SCN) (L)	4.6	4.4	4.4	4.2	4.5	4.2	4.6	5.6
E21378HOS	3.4	3.8	3.1	3.5	3.2	3.0	3.6	5.0*
E22296	3.8	4.0	3.6	3.9	3.7	3.6	3.6	4.4
E23136HOS	3.6	3.5	3.5	3.7	3.4	3.2	3.6	4.1
E23142HOS	3.2	3.2	3.1	3.3	3.2	3.1	3.3	3.5
E23180HOS	3.7	3.8	3.3	3.9	3.3	3.5	3.7	4.3
E23194	3.9	3.8	3.5	3.7	4.0	3.4	4.0	4.6
LD21-7914	3.4	3.2	3.1	3.5	3.5	3.2	3.5	4.0
LD22-2020304	3.3	3.6	3.1	3.2	3.2	3.1	3.1	3.4
LD22-2020311	3.3	3.4	3.2	3.3	3.3	3.4	3.2	3.5
LD22-2020314	3.2	3.1	3.0	3.2	2.9	3.2	3.2	3.5
LD22-2020405	3.2	3.2	2.9	3.5	3.2	2.9	3.4	3.5
LD22-3010202	3.7	3.8	3.2	3.8	3.4	3.4	3.5	4.5
LD22-3011602	3.8	4.0	3.8	4.1	3.5	3.6	3.9	4.8*
LD23-11028	3.3	3.4	3.1	3.2	3.3	3.1	3.2	3.7
LD23-11029	3.2	3.3	3.0	3.3	3.2	3.2	3.1	3.5

* Suspected contamination or sampling error, data not included in mean.

UNIFORM TEST II TRAITED MATERIAL, 2025

FATTY ACID, OLEIC (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	21.3	21.3	22.3	21.6	21.2	19.2	18.8	24.8
U14-910097 (SCN) (L)	23.1	24.2	25.6	23.5	22.2	21.6	21.7	22.7
E21378HOS	79.5	79.8	81.8	81.1	80.6	79.2	74.3	31.8*
E22296	75.9	74.6	77.8	80.1	76.4	76.0	74.6	72.0
E23136HOS	79.3	80.2	83.6	81.8	79.4	78.7	76.8	74.7
E23142HOS	81.3	81.4	84.4	84.0	81.8	82.5	78.1	76.6
E23180HOS	77.7	78.5	81.9	79.7	79.2	78.0	74.0	72.8
E23194	75.9	75.3	78.9	79.9	76.2	78.2	71.4	71.4
LD21-7914	83.5	83.7	85.9	85.3	83.6	84.9	81.2	80.2
LD22-2020304	81.9	81.2	83.3	84.3	82.3	82.4	80.1	79.9
LD22-2020311	81.1	82.0	84.4	82.1	80.2	79.8	79.7	79.7
LD22-2020314	82.1	82.7	83.8	85.0	81.8	81.6	79.8	80.2
LD22-2020405	82.9	83.7	85.1	83.6	84.0	83.3	79.7	80.6
LD22-3010202	83.4	83.5	84.9	85.7	82.9	83.2	82.6	80.8
LD22-3011602	81.8	81.7	83.6	82.4	82.2	81.0	79.7	69.3*
LD23-11028	82.0	81.4	84.1	84.3	81.3	82.8	80.0	79.7
LD23-11029	81.9	82.5	84.6	84.4	81.9	81.0	80.2	79.1

* Suspected contamination or sampling error, data not included in mean.

UNIFORM TEST II TRAITED MATERIAL, 2025

FATTY ACID, LINOLEIC (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	53.4	53.2	54.0	54.2	54.1	55.6	53.9	49.0
U14-910097 (SCN) (L)	53.2	51.3	52.2	54.3	53.3	54.8	54.0	52.7
E21378HOS	9.0	8.4	7.8	8.0	8.3	9.2	12.6	45.5*
E22296	10.0	11.2	9.0	6.6	9.3	9.2	11.6	12.9
E23136HOS	9.7	8.9	6.5	7.1	10.2	9.8	12.1	12.9
E23142HOS	7.1	6.7	5.1	5.1	6.4	6.5	9.4	10.2
E23180HOS	8.6	8.2	6.3	7.7	7.3	8.2	11.4	11.2
E23194	8.8	8.7	7.0	6.5	7.7	7.8	11.9	11.8
LD21-7914	3.8	4.0	2.9	3.0	3.9	2.7	4.8	5.5
LD22-2020304	4.3	3.9	3.7	3.1	3.6	4.2	5.6	5.9
LD22-2020311	5.1	4.3	3.2	4.7	5.6	5.3	6.4	6.3
LD22-2020314	4.2	3.5	3.3	2.9	3.7	4.7	5.6	6.0
LD22-2020405	4.0	3.4	3.0	3.4	3.7	3.6	5.5	5.4
LD22-3010202	3.5	3.1	3.2	2.3	3.3	4.2	3.9	4.6
LD22-3011602	4.5	4.4	3.6	4.2	4.5	4.6	6.0	14.7*
LD23-11028	4.3	4.2	3.2	3.3	3.9	4.2	5.1	6.4
LD23-11029	4.5	4.0	3.2	3.0	4.7	4.0	6.0	6.4

* Suspected contamination or sampling error, data not included in mean.

UNIFORM TEST II TRAITED MATERIAL, 2025

FATTY ACID, LINOLENIC (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	9.4	9.6	8.0	7.6	8.8	10.0	11.0	10.5
U14-910097 (SCN) (L)	8.1	8.6	6.9	6.7	9.2	8.3	8.7	8.5
E21378HOS	2.7	2.5	2.1	2.3	2.4	3.6	3.4	8.6*
E22296	3.3	3.0	2.7	2.4	4.0	3.5	3.7	4.1
E23136HOS	2.9	2.7	2.0	3.0	2.6	3.6	2.8	3.7
E23142HOS	3.7	3.8	2.6	2.6	4.0	3.1	4.5	4.9
E23180HOS	3.9	3.5	3.1	2.7	3.8	4.1	4.6	5.2
E23194	4.7	5.3	4.1	3.5	5.3	4.1	5.2	5.5
LD21-7914	2.9	2.6	1.9	2.3	2.7	3.1	3.6	4.0
LD22-2020304	3.0	3.6	2.5	1.9	3.3	2.6	3.8	3.4
LD22-2020311	2.9	2.7	2.0	2.6	3.2	4.0	3.0	3.2
LD22-2020314	3.0	3.0	2.4	1.8	4.2	2.7	3.9	3.2
LD22-2020405	2.8	2.4	2.0	2.5	2.2	3.3	2.9	3.9
LD22-3010202	3.0	3.0	2.2	1.8	4.1	2.6	3.3	3.9
LD22-3011602	2.9	2.8	2.2	2.7	2.8	3.9	3.1	4.4*
LD23-11028	3.0	3.5	2.0	2.1	4.1	2.3	4.2	3.1
LD23-11029	3.2	2.7	2.0	2.3	2.8	4.8	3.1	4.3

* Suspected contamination or sampling error, data not included in mean.

UNIFORM TEST II TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

Strain	Sucrose	Raffinose	Stachyose	Sugar
	7 %	7 %	7 %	7 %
IA2102 (II)	3.1	0.5	2.2	5.9
U14-910097 (SCN)(L)	2.5	0.5	2.0	5.0
LD22-2020304	5.0	0.4	0.4	5.9
LD22-2020311	4.9	0.3	0.4	5.7
LD22-2020314	5.0	0.3	0.4	5.7
LD22-2020405	5.0	0.3	0.4	5.7
LD23-11028	5.1	0.3	0.4	5.7
LD23-11029	4.7	0.3	0.4	5.5

UNIFORM TEST II TRAITED MATERIAL, 2025

SEED SUGAR, SUCROSE (%)

Strain	Mean	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
	7 Tests							
IA2102 (II)	3.1	3.0	2.9	2.6	2.9	2.1	3.8	4.5
U14-910097 (SCN)(L)	2.5	1.9	4.0	2.8	1.2	1.9	3.0	2.6
LD22-2020304	5.0	4.1	5.6	4.7	5.8	3.7	5.1	6.1
LD22-2020311	4.9	4.4	5.8	4.1	5.0	4.6	5.1	5.4
LD22-2020314	5.0	5.1	4.7	4.2	5.0	4.3	6.5	5.4
LD22-2020405	5.0	5.1	6.8	4.5	3.9	4.7	4.9	5.2
LD23-11028	5.1	4.2	5.6	4.9	4.9	5.4	5.2	5.2
LD23-11029	4.7	4.9	6.5	3.5	4.2	4.8	4.4	4.7

UNIFORM TEST II TRAITED MATERIAL, 2025

SEED SUGAR, RAFFINOSE (%)

Strain	Mean	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
	7 Tests							
IA2102 (II)	0.5	0.7	0.7	0.5	0.5	0.4	0.6	0.4
U14-910097 (SCN)(L)	0.5	0.3	1.2	0.9	0.1	0.4	0.4	0.3
LD22-2020304	0.4	0.3	0.4	0.4	0.5	0.3	0.4	0.5
LD22-2020311	0.3	0.3	0.3	0.3	0.5	0.4	0.3	0.1
LD22-2020314	0.3	0.3	0.1	0.4	0.5	0.3	0.5	0.2
LD22-2020405	0.3	0.3	0.5	0.4	0.4	0.4	0.3	0.1
LD23-11028	0.3	0.3	0.4	0.4	0.4	0.5	0.2	0.1
LD23-11029	0.3	0.5	0.2	0.2	0.4	0.4	0.1	0.5

UNIFORM TEST II TRAITED MATERIAL, 2025

SEED SUGAR, STACHYOSE (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	2.2	2.4	1.7	2.6	2.5	1.4	2.6	2.4
U14-910097 (SCN)(L)	2.0	1.7	2.5	3.3	0.3	1.9	2.4	2.0
LD22-2020304	0.4	0.5	0.3	0.5	0.5	0.4	0.4	0.2
LD22-2020311	0.4	0.3	0.3	0.6	0.5	0.4	0.4	0.7
LD22-2020314	0.4	0.3	0.3	0.6	0.2	0.3	0.4	0.4
LD22-2020405	0.4	0.4	0.3	0.6	0.4	0.4	0.3	0.3
LD23-11028	0.4	0.4	0.3	0.6	0.5	0.3	0.3	0.3
LD23-11029	0.4	0.5	0.3	0.5	0.4	0.4	0.3	0.4

UNIFORM TEST II TRAITED MATERIAL, 2025

SEED SUGAR, TOTAL (%)

Strain	Mean 7 Tests	Ames IA	Mon- mouth IL	Urbana IL	Wanatah IN	West Lafayette IN	Britton MI	East Lansing MI
IA2102 (II)	5.9	6.2	5.3	5.6	5.9	3.9	7.0	7.2
U14-910097 (SCN)(L)	5.0	4.0	7.7	7.0	1.7	4.2	5.9	4.9
LD22-2020304	5.9	4.9	6.4	5.6	6.9	4.3	5.9	6.9
LD22-2020311	5.7	5.0	6.4	4.9	6.0	5.4	5.7	6.2
LD22-2020314	5.7	5.7	5.1	5.3	5.7	4.9	7.4	6.0
LD22-2020405	5.7	5.8	7.6	5.4	4.7	5.4	5.5	5.5
LD23-11028	5.7	4.8	6.3	5.9	5.8	6.2	5.6	5.5
LD23-11029	5.5	6.0	7.0	4.2	5.0	5.6	4.8	5.7

**Northern Regional Uniform Test
Uniform Test III, Traited Material, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	U19-604203 (III)	U14-910097	LD11-2170	Graef	1	F5	Rps1k, SCN
2	AG25XF3 (E)			Cai	1		RR2, Xtend Flex
3	LD18-6596	U11-616086	LD11-2170	Monteverde	1	F5	SCN, Rps1k
4	AG37XF1 (L)			Cai	1		RR2, Xtend Flex
5	LD21-3593	LD15-5776793	LDX18-256-2-2	Monteverde	1	F4	HOLL, SCN
6	LD21-9470	LD16-10150 x LD15-5776793	LD16-10150 x LD15-3818	Monteverde	1	F4	HOLL, SCN
7	LD22-3011502	LD18-6596	LD18-12779	Monteverde	Initial	F4	HOLL, SCN
8	LD22-3011503	LD18-6596	LD18-12779	Monteverde	Initial	F4	HOLL, SCN
9	LD22-6492	LD18-14361	LD18-14216	Monteverde	Initial	F4	HOLL, SCN
10	LD22-6696	LD18-14554	LD18-12663	Monteverde	Initial	F4	HOLL, SCN
11	LD22-6750	LD18-14554	LDXPRE19503-1-25-1	Monteverde	Initial	F4	HOLL, SCN
12	LD22-7792	LD18-12776	LDXPRE19503-1-25-7	Monteverde	Initial	F4	HOLL, SCN
13	LD22-7819	LD18-12776	LDXPRE19503-1-25-7	Monteverde	Initial	F4	HOLL, SCN
14	LD22-8057	LDXPRE19503-1-33-1	LDXPRE19501-1-3-1	Monteverde	Initial	F4	HOLL, SCN
15	LD22-9986	LD18-14024	20506074GDM	Monteverde	Initial	F4	HOLL, SCN
16	LD23-20801-1	21FieldPop240-1	LDX21-243-5	Monteverde	1	F4	Low Stachyose, HOLL, SCN
17	LD23-20801-5	LDX20-376-1-2-1	LDX21-243-5	Monteverde	Initial	F4	HOLL rs2rs3, SCN
18	SA22-1365	SA18-6788	SA18-350PR	Scaboo	Initial		HOLL, rhg1-b, Rdc3

UNIFORM TEST III TRAITED MATERIAL, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
U19-604203 (III)	PLtBDYBrI
AG25XF3 (E)	PGBDYIbI
LD18-6596	WLtBDYYI
AG37XF1 (L)	PGBDYIbI
LD21-3593	PLtBDYGI
LD21-9470	PLtBDYBI
LD22-3011502	PLtBDYGI
LD22-3011503	PLtBDYGI
LD22-6492	WLtBSYBI
LD22-6696	PGTDYIbI
LD22-6750	PGBDYHI
LD22-7792	WLtBDYBrI
LD22-7819	WLtBDYBI
LD22-8057	PTBSYBI
LD22-9986	PGBDYHI
LD23-20801-1	PLtBDYBI
LD23-20801-5	PLtBDYBI
SA22-1365	PGBDYI

UNIFORM TEST III TRAITED MATERIAL, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield 7 bu/a	Rank 7 No.	Maturity 5 Date	Lodging 6 Score	Plant Height 6 In.	Seed Size 5 g/100	Seed Quality 5 Score	<u>Composition</u>	
								Protein 7 %	Oil 7 %
U19-604203 (III)	76.4	3	9/20	2.1	36	12.6	1.6	32.9	20.0
AG25XF3 (E)	71.2	17	-3.0	1.1	36	13.3	1.2	34.0	18.2
LD18-6596	77.3	1	0.3	1.4	34	13.1	1.4	33.0	19.5
AG37XF1 (L)	72.7	16	4.6	1.8	41	14.3	1.5	35.3	18.3
LD21-3593	73.9	11	-0.9	1.3	34	12.7	1.4	34.2	18.9
LD21-9470	74.8	6	-1.4	1.2	32	13.5	1.5	34.4	19.6
LD22-3011502	73.1	14	-2.1	1.9	36	13.3	1.4	33.9	20.0
LD22-3011503	73.8	12	-2.5	1.3	34	13.3	1.4	33.7	20.2
LD22-6492	74.5	7	-0.2	1.7	34	13.9	1.4	36.0	19.2
LD22-6696	72.8	15	0.3	1.5	36	14.0	1.4	35.3	19.2
LD22-6750	73.8	13	-1.7	1.1	35	13.6	1.5	35.1	19.8
LD22-7792	74.1	9	-2.2	1.1	33	14.6	1.4	34.6	20.2
LD22-7819	74.4	8	-0.8	1.2	34	12.6	1.2	35.8	19.4
LD22-8057	75.8	4	-2.1	1.1	35	12.2	1.5	34.2	19.5
LD22-9986	70.7	18	0.3	1.1	35	13.2	1.5	33.8	19.7
LD23-20801-1	76.5	2	-3.7	1.1	34	13.6	1.4	34.5	19.6
LD23-20801-5	75.3	5	-1.5	1.5	34	13.0	1.4	34.6	19.1
SA22-1365	73.9	10	2.0	1.3	33	13.6	1.4	33.9	20.2
Mean	74.2			1.4	34.8	13.4	1.4	34.4	19.5
C.V. (%)	7.5								
L.S.D. (5%)	3.4								

129.8 Days After Planting

UNIFORM TEST III TRAITED MATERIAL, 2025

2024-2025 2-YEAR MEAN

No. of Tests Strain	Yield 14 bu/a	Rank 14 No.	Maturity 12 Date	Lodging 14 Score	Plant Height 13 In.	Seed Size 12 g/100	Seed Quality 12 Score	<u>Composition</u>	
								Protein 15 %	Oil 15 %
U19-604203 (III)	80.5	1	9/21	1.9	36	13.7	1.4	33.1	20.3
AG25XF3 (E)	73.8	7	-3.2	1.2	36	14.7	1.2	33.9	18.6
LD18-6596	79.8	2	0.2	1.4	34	14.3	1.3	32.9	19.9
AG37XF1 (L)	77.1	5	4.4	1.7	41	15.6	1.4	35.3	18.7
LD21-3593	76.1	6	-0.9	1.2	34	13.7	1.3	34.2	19.1
LD21-9470	78.0	4	-1.6	1.2	31	15.2	1.3	34.5	20.0
LD23-20801-1	78.8	3	-3.1	1.3	33	14.5	1.3	34.5	19.9

127.0 Days After Planting

UNIFORM TEST III TRAITED MATERIAL, 2025

YIELD (bu/a)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	76.4	79.7	56.4	63.9	86.8	79.6	87.3	80.2
AG25XF3 (E)	71.2	73.9	59.0	54.7	82.0	77.5	76.1	74.3
LD18-6596	77.3	82.8	60.5	62.4	78.8	85.0	87.3	83.1
AG37XF1 (L)	72.7	77.7	55.7	59.5	83.2	75.1	82.6	73.9
LD21-3593	73.9	78.3	64.4	59.8	77.0	78.7	80.2	77.6
LD21-9470	74.8	71.4	65.8	65.6	76.9	84.4	83.3	75.2
LD22-3011502	73.1	73.6	65.6	57.3	79.2	75.3	77.6	82.5
LD22-3011503	73.8	77.7	55.1	58.3	77.8	78.0	84.4	84.2
LD22-6492	74.5	78.4	61.3	62.5	79.3	74.0	78.1	86.9
LD22-6696	72.8	77.6	53.7	61.6	80.5	72.0	81.8	81.5
LD22-6750	73.8	71.9	60.2	55.7	86.7	76.3	82.1	82.6
LD22-7792	74.1	78.8	58.5	58.2	76.8	80.6	80.9	84.0
LD22-7819	74.4	80.3	62.8	58.7	74.2	78.6	81.5	83.4
LD22-8057	75.8	77.4	69.3	59.3	78.8	80.1	81.4	83.3
LD22-9986	70.7	68.4	62.0	57.5	78.3	77.2	79.7	71.2
LD23-20801-1	76.5	75.7	70.0	57.5	80.1	82.4	83.7	85.1
LD23-20801-5	75.3	77.4	74.2	57.4	71.9	75.8	84.9	84.7
SA22-1365	73.9	72.6	67.6	65.2	83.5	76.4	73.3	78.0
Location Mean		76.3	62.3	59.7	79.5	78.2	81.4	80.6
C.V. (%)		6.5	10.5	6.1	5.4	4.1	3.9	9.5
L.S.D. (5%)		8.3	14.0	7.7	9.0	6.7	6.7	12.7
Row sp. (In.)		30	30	30	30	30	30	30
Rows/Plot		4	4	4	4	4	4	4
Reps		3	2	2	2	2	2	3

UNIFORM TEST III TRAITED MATERIAL, 2025

YIELD RANK

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	3	3	15	3	1	6	2	12
AG25XF3 (E)	17	13	13	18	5	10	17	16
LD18-6596	1	1	11	5	11	1	1	8
AG37XF1 (L)	16	7	16	8	4	16	7	17
LD21-3593	11	6	7	7	14	7	13	14
LD21-9470	6	17	5	1	15	2	6	15
LD22-3011502	14	14	6	16	9	15	16	10
LD22-3011503	12	8	17	11	13	9	4	4
LD22-6492	7	5	10	4	8	17	15	1
LD22-6696	15	9	18	6	6	18	9	11
LD22-6750	13	16	12	17	2	13	8	9
LD22-7792	9	4	14	12	16	4	12	5
LD22-7819	8	2	8	10	17	8	10	6
LD22-8057	4	10	3	9	10	5	11	7
LD22-9986	18	18	9	14	12	11	14	18
LD23-20801-1	2	12	2	13	7	3	5	2
LD23-20801-5	5	11	1	15	18	14	3	3
SA22-1365	10	15	4	2	3	12	18	13

UNIFORM TEST III TRAITED MATERIAL, 2025

MATURITY (date)

Strain	Mean 5 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	9/20			9/22	9/19	9/22	9/22	9/19
AG25XF3 (E)	-3			-4	-3	-4	-3	-2
LD18-6596	0			1	0	0	0	1
AG37XF1 (L)	5			5	3	5	5	6
LD21-3593	-1			-2	-2	-1	-3	2
LD21-9470	-1			-2	0	-3	-3	0
LD22-3011502	-2			-4	-3	-2	-3	1
LD22-3011503	-3			-5	-2	-2	-4	-1
LD22-6492	-0			-2	-1	-1	0	2
LD22-6696	0			-1	-1	-1	1	3
LD22-6750	-2			-4	-1	-2	-1	-1
LD22-7792	-2			-4	-2	-2	-2	-2
LD22-7819	-1			-4	1	-3	-1	3
LD22-8057	-2			-3	0	-3	-4	-1
LD22-9986	0			-1	2	0	-1	1
LD23-20801-1	-4			-5	-3	-4	-5	-2
LD23-20801-5	-2			-4	-1	-4	-2	3
SA22-1365	2			2	3	3	2	1
Date Planted	5/14	5/12	5/9	5/19	5/19	5/9	5/10	5/13
Days to Mature	130			126	123	136	135	129

UNIFORM TEST III TRAITED MATERIAL, 2025

LODGING (score)

Strain	Mean 6 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	2.1	1.7		1.5	2.0	3.0	2.0	2.5
AG25XF3 (E)	1.1	1.0		1.3	1.0	1.0	1.0	1.0
LD18-6596	1.4	1.0		1.5	1.0	2.0	1.5	1.5
AG37XF1 (L)	1.8	1.3		1.3	2.0	1.0	1.5	3.5
LD21-3593	1.3	1.0		1.5	1.0	1.0	1.0	2.0
LD21-9470	1.2	1.0		1.3	1.0	1.0	1.0	2.0
LD22-3011502	1.9	1.0		1.5	2.0	3.0	2.0	2.0
LD22-3011503	1.3	1.0		1.5	1.0	1.5	1.5	1.5
LD22-6492	1.7	1.0		1.5	2.0	2.0	1.5	2.0
LD22-6696	1.5	1.0		1.5	1.0	1.5	1.5	2.5
LD22-6750	1.1	1.0		1.0	1.0	1.0	1.0	1.5
LD22-7792	1.1	1.0		1.0	1.0	1.0	1.0	1.5
LD22-7819	1.2	1.0		1.0	1.0	1.0	1.0	2.0
LD22-8057	1.1	1.0		1.0	1.0	1.0	1.0	1.5
LD22-9986	1.1	1.0		1.3	1.0	1.0	1.0	1.5
LD23-20801-1	1.1	1.0		1.3	1.0	1.0	1.0	1.5
LD23-20801-5	1.5	1.0		1.3	1.5	1.5	1.0	2.5
SA22-1365	1.3	1.0		1.5	1.5	1.0	1.0	1.5

UNIFORM TEST III TRAITED MATERIAL, 2025

PLANT HEIGHT (inches)

Strain	Mean 6 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	36.1	39		35	34	39	38	33
AG25XF3 (E)	35.8	38		36	36	37	35	34
LD18-6596	34.0	38		33	30	34	34	35
AG37XF1 (L)	41.4	44		39	40	44	41	41
LD21-3593	34.3	39		33	31	37	32	35
LD21-9470	31.9	32		30	30	34	33	32
LD22-3011502	35.6	38		33	32	37	36	38
LD22-3011503	34.4	38		34	29	35	36	35
LD22-6492	33.6	37		33	30	36	32	34
LD22-6696	36.5	41		35	33	39	36	36
LD22-6750	34.7	38		34	31	37	33	36
LD22-7792	32.5	36		31	29	34	33	34
LD22-7819	34.4	38		33	32	36	34	35
LD22-8057	35.4	39		32	31	37	37	36
LD22-9986	34.8	36		33	31	37	37	35
LD23-20801-1	33.6	35		34	29	36	36	33
LD23-20801-5	34.0	37		32	31	37	35	33
SA22-1365	32.8	36		32	30	33	32	35

UNIFORM TEST III TRAITED MATERIAL, 2025

SEED SIZE (g/100)

Strain	Mean 5 Tests	Ames IA	Perry IL	Urbana IL	Butlerville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	12.6	13.0	12.6	12.5			13.4	11.3
AG25XF3 (E)	13.3	13.7	13.7	13.2			14.4	11.4
LD18-6596	13.1	14.3	13.8	12.9			13.1	11.5
AG37XF1 (L)	14.3	15.3	14.1	14.7			15.0	12.3
LD21-3593	12.7	13.0	13.2	12.5			12.9	12.1
LD21-9470	13.5	13.7	14.9	13.2			13.9	12.0
LD22-3011502	13.3	13.3	14.3	13.1			13.2	12.7
LD22-3011503	13.3	13.0	14.7	12.4			13.1	13.4
LD22-6492	13.9	14.3	14.9	13.2			13.9	13.1
LD22-6696	14.0	14.0	14.5	14.1			13.6	13.9
LD22-6750	13.6	14.0	15.0	13.0			13.4	12.6
LD22-7792	14.6	15.0	16.0	14.1			14.2	13.7
LD22-7819	12.6	12.7	13.8	11.8			12.7	12.1
LD22-8057	12.2	12.3	12.9	11.6			11.9	12.4
LD22-9986	13.2	13.3	15.1	13.0			12.8	11.9
LD23-20801-1	13.6	13.3	14.3	13.6			13.9	13.1
LD23-20801-5	13.0	13.0	13.4	12.7			13.4	12.6
SA22-1365	13.6	14.0	14.0	14.2			13.4	12.5

UNIFORM TEST III TRAITED MATERIAL, 2025

SEED QUALITY (score)

Strain	Mean 5 Tests	Ames IA	Perry IL	Urbana IL	Butlerville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	1.6	1.3	2.0	2.0			1.5	1.0
AG25XF3 (E)	1.2	1.0	2.0	1.0			1.0	1.0
LD18-6596	1.4	1.0	2.0	2.0			1.0	1.0
AG37XF1 (L)	1.5	1.3	2.0	2.0			1.0	1.0
LD21-3593	1.4	1.0	2.0	2.0			1.0	1.0
LD21-9470	1.5	1.3	2.0	2.0			1.0	1.0
LD22-3011502	1.4	1.0	2.0	2.0			1.0	1.0
LD22-3011503	1.4	1.0	2.0	2.0			1.0	1.0
LD22-6492	1.4	1.0	2.0	2.0			1.0	1.0
LD22-6696	1.4	1.0	2.0	2.0			1.0	1.0
LD22-6750	1.5	1.3	2.0	2.0			1.0	1.0
LD22-7792	1.4	1.0	2.0	2.0			1.0	1.0
LD22-7819	1.2	1.0	2.0	1.0			1.0	1.0
LD22-8057	1.5	1.3	2.0	2.0			1.0	1.0
LD22-9986	1.5	1.7	2.0	2.0			1.0	1.0
LD23-20801-1	1.4	1.0	2.0	2.0			1.0	1.0
LD23-20801-5	1.4	1.0	2.0	2.0			1.0	1.0
SA22-1365	1.4	1.0	2.0	2.0			1.0	1.0

UNIFORM TEST III TRAITED MATERIAL, 2025

PROTEIN (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	32.9	32.6	31.5	32.9	33.3	32.3	33.8	34.2
AG25XF3 (E)	34.0	34.4	32.7	33.7	34.3	33.5	35.4	34.1
LD18-6596	33.0	32.1	32.0	33.3	33.1	32.8	33.6	33.8
AG37XF1 (L)	35.3	34.4	33.5	35.9	35.3	35.3	35.9	36.5
LD21-3593	34.2	33.7	33.7	34.3	34.3	33.7	35.0	34.5
LD21-9470	34.4	34.3	33.3	34.7	35.4	33.7	34.9	34.4
LD22-3011502	33.9	33.3	32.9	33.7	34.7	34.1	34.4	34.1
LD22-3011503	33.7	33.2	33.1	33.2	34.7	33.7	33.9	34.4
LD22-6492	36.0	35.7	34.9	35.7	36.4	35.7	36.8	37.1
LD22-6696	35.3	34.9	34.6	34.9	36.1	35.1	35.8	36.0
LD22-6750	35.1	35.0	34.0	34.5	36.0	34.3	36.2	35.7
LD22-7792	34.6	34.0	34.2	33.8	35.4	34.0	35.6	35.4
LD22-7819	35.8	35.1	35.1	35.6	36.4	35.5	35.9	37.2
LD22-8057	34.2	34.0	33.5	34.4	34.5	33.1	35.1	34.8
LD22-9986	33.8	32.9	33.1	33.4	33.9	33.8	34.4	35.1
LD23-20801-1	34.5	33.7	33.7	34.6	35.4	34.4	35.2	34.6
LD23-20801-5	34.6	34.0	33.8	34.3	34.3	33.9	35.9	36.1
SA22-1365	33.9	33.0	33.2	34.6	34.1	34.2	34.4	34.1

UNIFORM TEST III TRAITED MATERIAL, 2025

OIL (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	20.0	20.0	20.6	20.3	20.4	19.5	19.4	19.9
AG25XF3 (E)	18.2	17.8	19.0	18.8	18.3	17.8	17.3	18.5
LD18-6596	19.5	19.5	19.7	19.9	20.0	18.9	19.0	19.4
AG37XF1 (L)	18.3	18.4	19.0	18.6	18.8	17.4	17.8	18.1
LD21-3593	18.9	18.6	19.0	19.2	19.3	18.6	18.4	19.1
LD21-9470	19.6	19.6	20.2	19.9	19.6	19.2	19.2	19.8
LD22-3011502	20.0	20.0	20.2	20.1	20.3	19.5	19.7	20.3
LD22-3011503	20.2	20.2	20.4	20.6	20.6	19.5	19.9	20.4
LD22-6492	19.2	19.1	19.8	19.6	19.3	18.9	18.7	19.0
LD22-6696	19.2	19.2	19.2	20.1	19.5	18.4	18.6	19.7
LD22-6750	19.8	19.4	20.2	20.6	20.2	19.4	19.2	19.9
LD22-7792	20.2	20.3	20.3	20.5	20.7	19.6	19.9	20.0
LD22-7819	19.4	19.7	19.7	20.2	19.5	19.0	19.2	18.7
LD22-8057	19.5	19.4	19.5	19.8	19.9	19.2	19.1	19.6
LD22-9986	19.7	19.8	20.1	20.2	19.7	19.3	19.4	19.5
LD23-20801-1	19.6	19.3	19.8	20.1	19.8	19.2	19.2	19.8
LD23-20801-5	19.1	19.1	19.2	20.0	19.9	18.8	18.3	18.3
SA22-1365	20.2	20.4	20.4	20.4	20.6	19.1	19.7	20.7

UNIFORM TEST III TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

No. of Tests Strain	Palmitic 7 %	Stearic 7 %	Oleic 7 %	Linoleic 7 %	Linolenic 7 %
U19-604203 (III)	11.0	4.3	22.5	54.1	8.1
LD18-6596	11.7	4.1	22.5	53.5	8.2
LD21-3593	6.8	4.1	82.3	4.1	2.7
LD21-9470	6.3	3.4	84.2	3.8	2.4
LD22-3011502	6.6	3.6	83.5	3.5	2.7
LD22-3011503	6.7	3.7	83.1	3.5	3.0
LD22-6492	6.5	3.6	83.7	3.4	2.9
LD22-6696	6.4	3.5	84.5	3.2	2.5
LD22-6750	7.1	3.4	83.2	3.5	2.7
LD22-7792	6.6	3.5	83.9	3.4	2.6
LD22-7819	7.2	3.3	82.3	4.2	3.0
LD22-8057	7.1	3.8	82.8	3.6	2.7
LD22-9986	7.2	3.4	82.7	3.8	2.9
LD23-20801-1	6.6	4.1	83.9	3.1	2.3
LD23-20801-5	6.6	4.1	83.3	3.2	2.7
SA22-1365	6.7	3.3	82.7	4.5	2.8

UNIFORM TEST III TRAITED MATERIAL, 2025

FATTY ACID, PALMITIC (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	11.0	11.3	11.1	10.7	11.2	10.2	11.0	11.6
LD18-6596	11.7	12.0	11.8	11.9	11.9	10.8	11.2	12.3
LD21-3593	6.8	6.9	6.7	6.8	7.0	6.5	6.8	7.0
LD21-9470	6.3	6.5	6.2	6.1	6.3	6.2	6.3	6.5
LD22-3011502	6.6	6.7	6.7	6.3	6.8	6.5	6.8	6.5
LD22-3011503	6.7	6.9	6.7	6.3	6.8	6.9	6.6	6.8
LD22-6492	6.5	6.6	6.3	6.4	6.8	6.2	6.5	6.6
LD22-6696	6.4	6.5	6.2	6.1	6.7	6.5	6.1	6.3
LD22-6750	7.1	7.2	7.0	7.0	7.2	7.0	7.3	7.1
LD22-7792	6.6	6.6	6.6	6.4	6.6	6.8	6.5	6.6
LD22-7819	7.2	7.2	7.3	6.8	7.8	7.1	7.2	7.1
LD22-8057	7.1	7.0	6.8	7.4	7.4	6.9	6.8	7.1
LD22-9986	7.2	7.3	7.8*	6.8	7.5	7.1	7.3	7.3
LD23-20801-1	6.6	6.7	6.7	6.3	6.7	6.6	6.5	6.7
LD23-20801-5	6.6	6.8	6.6	6.4	6.9	6.5	6.8	6.5
SA22-1365	6.7	6.7	6.7	6.4	6.7	7.0	6.5	6.8

* Suspected contamination in sample, data not included in mean.

UNIFORM TEST III TRAITED MATERIAL, 2025

FATTY ACID, STEARIC (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	4.3	4.3	4.1	4.4	4.3	4.3	4.1	4.4
LD18-6596	4.1	4.2	4.1	4.3	3.9	3.8	3.9	4.4
LD21-3593	4.1	4.4	4.1	4.2	3.8	4.0	4.0	4.3
LD21-9470	3.4	3.7	3.7	3.4	3.2	3.2	3.2	3.7
LD22-3011502	3.6	3.7	3.8	3.8	3.0	3.4	3.4	3.9
LD22-3011503	3.7	3.9	3.5	3.9	3.3	3.8	3.5	4.2
LD22-6492	3.6	3.5	3.5	3.7	3.4	3.6	3.7	3.6
LD22-6696	3.5	3.5	3.6	3.6	3.1	3.4	3.3	3.6
LD22-6750	3.4	3.6	3.4	3.4	3.1	3.2	3.1	3.8
LD22-7792	3.5	3.7	3.5	3.8	3.2	3.5	3.3	3.5
LD22-7819	3.3	3.5	3.4	3.3	3.0	3.1	3.2	3.6
LD22-8057	3.8	4.4	4.0	4.1	3.3	3.7	3.8	3.5
LD22-9986	3.4	3.6	4.0*	3.5	3.0	3.4	3.5	3.6
LD23-20801-1	4.1	4.2	4.2	4.3	3.6	3.9	3.8	4.4
LD23-20801-5	4.1	4.3	4.1	4.0	3.7	4.2	3.9	4.5
SA22-1365	3.3	3.3	3.3	3.3	3.3	3.5	3.0	3.7

* Suspected contamination in sample, data not included in mean.

UNIFORM TEST III TRAITED MATERIAL, 2025

FATTY ACID, OLEIC (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	22.5	23.6	23.7	23.6	21.5	22.0	20.2	22.6
LD18-6596	22.5	20.4	22.4	21.3	19.4	33.5	18.7	21.7
LD21-3593	82.3	81.0	83.5	83.0	83.5	81.5	81.9	81.7
LD21-9470	84.2	82.9	85.2	85.5	84.0	84.1	83.5	83.9
LD22-3011502	83.5	82.7	84.1	84.6	84.0	82.5	82.3	84.4
LD22-3011503	83.1	82.7	84.9	84.1	83.8	81.9	80.5	84.0
LD22-6492	83.7	83.7	84.9	84.9	83.0	82.8	82.9	83.6
LD22-6696	84.5	84.3	86.1	84.4	84.6	84.2	81.9	85.6
LD22-6750	83.2	82.2	84.5	84.9	83.8	81.2	83.2	82.8
LD22-7792	83.9	83.3	84.8	84.7	84.3	81.9	83.0	85.1
LD22-7819	82.3	81.8	83.0	84.4	81.9	81.5	80.5	83.1
LD22-8057	82.8	81.8	84.3	83.0	82.4	82.2	80.9	84.7
LD22-9986	82.7	82.7	72.1*	84.4	82.4	80.9	82.4	83.4
LD23-20801-1	83.9	83.2	84.1	84.7	84.3	83.7	82.6	84.5
LD23-20801-5	83.3	82.7	83.8	85.0	84.0	81.9	82.9	83.0
SA22-1365	82.7	82.9	84.6	83.6	82.3	81.2	81.3	83.2

* Suspected contamination in sample, data not included in mean.

UNIFORM TEST III TRAITED MATERIAL, 2025

FATTY ACID, LINOLEIC (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	54.1	52.5	53.6	54.1	54.9	53.3	56.1	54.1
LD18-6596	53.5	54.6	54.7	54.7	55.8	45.0	55.4	54.3
LD21-3593	4.1	4.4	3.6	3.9	3.5	4.1	4.8	4.3
LD21-9470	3.8	4.5	3.1	3.1	3.7	4.2	4.2	3.6
LD22-3011502	3.5	3.5	3.3	3.3	3.5	3.7	4.8	2.6
LD22-3011503	3.5	3.9	2.9	3.4	3.3	4.4	3.7	2.9
LD22-6492	3.4	3.2	2.9	2.9	3.9	3.5	4.3	3.1
LD22-6696	3.2	3.4	2.2	3.3	3.3	3.6	4.0	2.4
LD22-6750	3.5	3.9	3.0	2.8	3.5	4.1	4.0	3.3
LD22-7792	3.4	4.0	3.1	2.8	3.0	4.8	3.4	2.8
LD22-7819	4.2	4.2	4.2	3.3	4.3	4.2	5.8	3.3
LD22-8057	3.6	3.9	2.8	3.5	3.6	4.4	4.2	2.7
LD22-9986	3.8	3.5	13.5*	3.2	4.0	4.3	4.3	3.3
LD23-20801-1	3.1	3.6	3.1	2.5	2.7	3.7	3.8	2.6
LD23-20801-5	3.2	3.4	3.2	2.7	3.2	3.2	3.9	3.2
SA22-1365	4.5	4.4	3.4	4.0	4.3	5.6	5.5	3.9

* Suspected contamination in sample, data not included in mean.

UNIFORM TEST III TRAITED MATERIAL, 2025

FATTY ACID, LINOLENIC (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	8.1	8.3	7.5	7.1	8.0	10.2	8.6	7.2
LD18-6596	8.2	8.9	7.0	7.8	9.0	6.8	10.7	7.3
LD21-3593	2.7	3.4	2.1	2.1	2.2	3.9	2.4	2.7
LD21-9470	2.4	2.4	1.9	2.0	2.8	2.3	2.8	2.2
LD22-3011502	2.7	3.4	2.1	2.0	2.6	3.9	2.7	2.5
LD22-3011503	3.0	2.7	2.0	2.4	2.8	3.0	5.7	2.2
LD22-6492	2.9	3.0	2.4	2.1	3.0	4.0	2.6	3.1
LD22-6696	2.5	2.3	1.8	2.5	2.2	2.3	4.7	2.0
LD22-6750	2.7	3.1	2.0	1.9	2.4	4.5	2.5	3.0
LD22-7792	2.6	2.5	2.0	2.4	2.9	2.9	3.9	2.0
LD22-7819	3.0	3.3	2.2	2.1	3.0	4.1	3.2	2.9
LD22-8057	2.7	2.9	2.1	2.1	3.2	2.7	4.2	1.9
LD22-9986	2.9	2.8	2.6*	2.1	3.0	4.3	2.5	2.5
LD23-20801-1	2.3	2.4	1.9	2.1	2.6	2.1	3.3	1.9
LD23-20801-5	2.7	2.9	2.3	1.8	2.3	4.4	2.5	2.9
SA22-1365	2.8	2.7	2.0	2.6	3.4	2.7	3.8	2.3

* Suspected contamination in sample, data not included in mean.

UNIFORM TEST III TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

Strain	Sucrose 7 %	Raffinose 7 %	Stachyose 7 %	Total Sugar 7 %
U19-604203 (III)	2.7	0.8	2.3	5.7
LD18-6596	3.2	0.8	2.3	6.3
LD23-20801-1	5.6	0.6	0.5	6.7
LD23-20801-5	5.2	0.4	0.6	6.2

UNIFORM TEST III TRAITED MATERIAL, 2025

SEED SUGAR, SUCROSE (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	2.7	1.8	3.0	2.2	2.2	3.0	3.1	3.3
LD18-6596	3.2	2.8	3.1	3.3	2.6	3.1	3.6	4.2
LD23-20801-1	5.6	4.5	5.7	4.6	5.0	6.4	6.3	6.4
LD23-20801-5	5.2	4.4	5.4	3.7	5.2	6.3	5.8	5.3

UNIFORM TEST III TRAITED MATERIAL, 2025

SEED SUGAR, RAFFINOSE (%)

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	0.8	0.3	1.2	0.8	0.7	0.6	0.7	1.3
LD18-6596	0.8	0.3	1.2	0.9	0.6	0.5	0.6	1.3
LD23-20801-1	0.6	0.4	0.5	0.5	0.6	0.6	0.6	0.8
LD23-20801-5	0.4	0.3	0.4	0.4	0.6	0.6	0.3	0.4

UNIFORM TEST III TRAITED MATERIAL, 2025**SEED SUGAR, STACHYOSE (%)**

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	2.3	2.0	1.9	2.3	2.4	2.0	2.6	2.6
LD18-6596	2.3	1.8	2.0	2.8	2.2	1.8	2.3	3.2
LD23-20801-1	0.5	0.5	0.3	0.4	0.3	0.7	0.6	0.7
LD23-20801-5	0.6	0.3	0.3	0.4	0.7	0.9	0.7	0.8

UNIFORM TEST III TRAITED MATERIAL, 2025**SEED SUGAR, TOTAL (%)**

Strain	Mean 7 Tests	Ames IA	Perry IL	Urbana IL	Butler- ville IN	Wanatah IN	West Lafayette IN	Novelty MO
U19-604203 (III)	5.7	4.1	6.1	5.3	5.3	5.7	6.4	7.3
LD18-6596	6.3	4.9	6.2	7.0	5.4	5.4	6.4	8.7
LD23-20801-1	6.7	5.4	6.6	5.5	6.0	7.7	7.5	8.0
LD23-20801-5	6.2	5.0	6.2	4.5	6.5	7.7	6.9	6.4

**Northern Regional Uniform Test
Uniform Test IV, Traited Material, 2025**

Ent.	Strain	Parentage		Seed Source	Previous Testing	Gen. Comp.	Unique Traits
		Female	Male				
1	LD15-3818 (IV)	LD09-3913	BN09002129	Monteverde	4	F5	SCN, Rps1a
2	LD07-3395bf (SCN) (E)	LD07-3395 Reselection		Monteverde	10	F5	SCN
3	AG37XF1			Cai	1		RR2, Xtend Flex
4	AG42XF4 (L)			Cai	1		RR2, Xtend Flex
5	LD20-12210	LD16-10150 x LD15-5776793	LD16-10150 x LD15-3818	Monteverde	1	F4	HOLL, SCN
6	LD21-3582	LD15-5776793	LDX18-256-2-2	Monteverde	1	F4	HOLL, SCN
7	LD22-3014005	LD17-12352	K17-6388	Monteverde	Initial		HOLL, SCN
8	LD22-8411	LD18-14554	LDXGL18-025-2 x LDXPRE19503-1	Monteverde	Initial		HOLL rs2, SCN
9	LD22-8586	LD18-12663	LDXGL18-025-2 x LDXPRE19503-1	Monteverde	Initial		HOLL, SCN
10	LD22-8851	LD18-14554	LD18-12663	Monteverde	Initial		HOLL, SCN
11	SA21-10247	SA18-340PR	LD15-5776793	Scaboo	2	F5	HOLL
12	SA22-1623	SA18-10037	SA18-350PR	Scaboo	Initial	F5	HOLL, rhg1-b, Rdc3
13	SA22-2166	LD17-12352	SA18-14180	Scaboo	Initial	F5	HOLL, rhg1-b, Rps1k, BSR, Rdc3
14	SA22-2168	LD17-12352	SA18-14180	Scaboo	Initial	F5	HOLL, rhg1-b, Rps1k, BSR, Rdc3

UNIFORM TEST IV TRAITED MATERIAL, 2025

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code
LD15-3818 (IV)	PLtTDYBI
LD07-3395bf (SCN) (E)	WGTDYBfI
AG37XF1	PGBDYIbI
AG42XF4 (L)	PLtBDYBI
LD20-12210	PLtB+TDYBI
LD21-3582	PLtBDYGI
LD22-3014005	PLtBDYBI
LD22-8411	PLtBSYBrI
LD22-8586	PGBDYBfI
LD22-8851	PGBSYIbI
SA21-10247	PLtTDYGI
SA22-1623	WLtBDYBI
SA22-2166	PLtTDYBI
SA22-2168	PLtTDYBI

UNIFORM TEST IV TRAITED MATERIAL, 2025

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	5 bu/a	5 No.	4 Date	5 Score	4 In.	4 g/100	4 Score	5 Protein %	5 Oil %
LD15-3818 (IV)	76.9	1	9/24	1.3	36	13.5	1.6	34.5	19.2
LD07-3395bf (SCN) (E)	75.0	2	-1.3	1.5	35	14.0	1.5	31.8	20.6
AG37XF1	70.8	3	0.6	2.2	41	14.8	1.5	35.4	18.6
AG42XF4 (L)	70.7	5	8.3	1.9	42	13.6	1.8	33.9	18.4
LD20-12210	69.3	7	-0.1	1.5	33	14.9	1.6	34.6	19.9
LD21-3582	69.8	6	-3.9	1.3	33	12.5	1.5	34.2	19.7
LD22-3014005	68.7	8	3.5	1.6	37	13.3	1.5	34.3	19.6
LD22-8411	70.8	4	-3.0	1.6	33	13.3	1.8	33.8	19.9
LD22-8586	68.1	11	-3.0	2.2	37	12.8	1.5	34.0	20.2
LD22-8851	68.5	10	-2.4	1.4	36	13.6	1.5	34.5	20.2
SA21-10247	67.5	13	-0.5	1.2	37	13.8	1.5	35.1	19.6
SA22-1623	68.5	9	5.0	1.8	41	14.3	1.6	35.5	19.1
SA22-2166	65.3	14	1.8	2.1	36	12.1	1.5	34.0	20.5
SA22-2168	67.8	12	0.8	2.3	39	12.0	1.5	34.3	20.5
Mean	69.8			1.7	36.9	13.4	1.6	34.3	19.7
C.V. (%)	7.3								
L.S.D. (5%)	3.7								

132.5 Days After Planting

UNIFORM TEST IV TRAITED MATERIAL, 2025

2024-2025 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	11 bu/a	11 No.	9 Date	11 Score	9 In.	9 g/100	9 Score	11 %	11 %
LD15-3818 (IV)	78.0	1	9/27	1.4	36	14.8	1.5	34.6	19.6
LD07-3395bf (SCN) (E)	77.1	2	-2.5	1.5	35	15.4	1.4	31.7	21.0
AG37XF1	72.5	4	0.2	2.0	41	16.0	1.4	35.3	18.9
AG42XF4 (L)	73.9	3	7.3	1.7	42	14.5	1.4	33.9	18.8
LD20-12210	71.8	5	-1.0	1.4	33	16.5	1.5	34.5	20.2
LD21-3582	71.2	6	-3.9	1.2	33	13.7	1.3	34.2	19.9
SA21-10247	70.8	7	-1.1	1.2	36	15.0	1.3	35.2	19.9

129.7 Days After Planting

2023-2025 3-YEAR MEAN

No. of Tests Strain	16	16	14	16	14	16	16	17	17
LD15-3818 (IV)	75.9	1	9/27	1.3	36	14.9	1.5	34.3	19.7
LD07-3395bf (SCN) (E)	75.7	2	-2.4	1.5	33	15.4	1.4	32.0	20.8
SA21-10247	69.7	3	-0.8	1.2	35	15.1	1.3	35.3	19.8

128.4 Days After Planting

UNIFORM TEST IV TRAITED MATERIAL, 2025

YIELD (bu/a)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	76.9	59.5	71.0	86.6	87.9	87.8
LD07-3395bf (SCN) (E)	75.0	55.4	69.0	87.8	83.9	87.3
AG37XF1	70.8	55.3	66.9	85.7	78.5	76.0
AG42XF4 (L)	70.7	52.1	65.2	83.7	87.9	72.8
LD20-12210	69.3	49.9	72.1	73.9	79.0	80.3
LD21-3582	69.8	52.1	66.3	75.6	82.5	80.8
LD22-3014005	68.7	52.4	65.1	80.7	74.9	78.6
LD22-8411	70.8	53.0	66.9	81.9	81.6	78.9
LD22-8586	68.1	51.5	66.4	66.2	88.6	76.4
LD22-8851	68.5	45.8	66.1	79.1	82.7	77.2
SA21-10247	67.5	44.1	65.5	80.7	77.7	78.0
SA22-1623	68.5	47.1	64.5	84.3	79.3	75.8
SA22-2166	65.3	53.8	58.9	71.2	79.7	71.4
SA22-2168	67.8	54.4	63.2	77.1	78.6	73.9
Location Mean		51.9	66.2	79.6	81.6	78.2
C.V. (%)		9.0	5.3	3.1	8.0	6.2
L.S.D. (5%)		10.1	7.6	5.4	14.0	8.1
Row sp. (In.)		30	30	30	30	30
Rows/Plot		4	4	4	4	4
Reps		2	2	2	2	3

UNIFORM TEST IV TRAITED MATERIAL, 2025

YIELD RANK

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	1	1	2	2	3	1
LD07-3395bf (SCN) (E)	2	2	3	1	4	2
AG37XF1	3	3	4	3	12	10
AG42XF4 (L)	5	8	10	5	2	13
LD20-12210	7	11	1	12	10	4
LD21-3582	6	9	7	11	6	3
LD22-3014005	8	7	11	7	14	6
LD22-8411	4	6	5	6	7	5
LD22-8586	11	10	6	14	1	9
LD22-8851	10	13	8	9	5	8
SA21-10247	13	14	9	7	13	7
SA22-1623	9	12	12	4	9	11
SA22-2166	14	5	14	13	8	14
SA22-2168	12	4	13	10	11	12

UNIFORM TEST IV TRAITED MATERIAL, 2025

MATURITY (date)

Strain	Mean 4 Tests	Belleville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	9/24		9/30	9/21	9/27	9/21
LD07-3395bf (SCN) (E)	-1		-5	0	-2	1
AG37XF1	1		0	0	-1	3
AG42XF4 (L)	8		8	7	6	12
LD20-12210	-0		-3	1	1	1
LD21-3582	-4		-7	-3	-5	-1
LD22-3014005	4		2	4	4	5
LD22-8411	-3		-7	-2	-2	-1
LD22-8586	-3		-7	0	-3	-2
LD22-8851	-2		-6	-1	-3	0
SA21-10247	-1		-4	1	-1	2
SA22-1623	5		3	4	4	10
SA22-2166	2		-1	3	2	4
SA22-2168	1		-4	2	1	4
Date Planted	5/15	5/20	5/19	5/19	5/10	5/13
Days to Mature	133		134	125	140	131

UNIFORM TEST IV TRAITED MATERIAL, 2025

LODGING (score)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	1.3	1.8	1.0	1.0	1.0	1.5
LD07-3395bf (SCN) (E)	1.5	2.5	1.0	1.0	1.0	2.0
AG37XF1	2.2	3.0	1.0	2.0	2.0	3.0
AG42XF4 (L)	1.9	3.5	1.0	1.5	1.5	2.0
LD20-12210	1.5	2.5	1.0	1.0	1.5	1.5
LD21-3582	1.3	2.0	1.0	1.0	1.0	1.5
LD22-3014005	1.6	1.5	1.5	1.0	1.5	2.5
LD22-8411	1.6	3.0	1.0	1.0	1.0	2.0
LD22-8586	2.2	3.5	1.3	2.0	1.5	2.5
LD22-8851	1.4	1.5	1.0	1.0	1.5	2.0
SA21-10247	1.2	1.0	1.0	1.0	1.0	2.0
SA22-1623	1.8	2.5	1.4	1.0	2.0	2.0
SA22-2166	2.1	2.8	1.3	2.0	1.5	3.0
SA22-2168	2.3	3.5	1.5	2.0	2.0	2.5

UNIFORM TEST IV TRAITED MATERIAL, 2025

PLANT HEIGHT (inches)

Strain	Mean 4 Tests	Belleville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	36		37	34	38	36
LD07-3395bf (SCN) (E)	35		36	33	35	35
AG37XF1	41		43	41	41	41
AG42XF4 (L)	42		41	43	44	42
LD20-12210	33		34	32	33	35
LD21-3582	33		33	32	33	34
LD22-3014005	37		39	35	38	38
LD22-8411	33		35	31	34	35
LD22-8586	37		39	34	39	38
LD22-8851	36		36	35	37	38
SA21-10247	37		37	34	35	41
SA22-1623	41		42	38	43	41
SA22-2166	36		38	33	39	37
SA22-2168	39		41	35	41	38

UNIFORM TEST IV TRAITED MATERIAL, 2025

SEED SIZE (g/100)

Strain	Mean 4 Tests	Belle- ville IL	Urbana IL	Butlerville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	13.5	14.0	13.5		13.9	12.5
LD07-3395bf (SCN) (E)	14.0	13.7	13.5		14.5	14.1
AG37XF1	14.8	14.1	15.5		16.0	13.4
AG42XF4 (L)	13.6	14.0	13.7		14.0	12.8
LD20-12210	14.9	14.6	15.5		15.9	13.4
LD21-3582	12.5	12.3	12.3		13.0	12.3
LD22-3014005	13.3	13.0	13.2		14.0	13.0
LD22-8411	13.3	13.3	13.5		14.1	12.3
LD22-8586	12.8	12.7	12.7		13.6	12.1
LD22-8851	13.6	12.9	13.5		14.1	13.9
SA21-10247	13.8	13.6	13.9		14.1	13.4
SA22-1623	14.3	14.5	14.4		14.4	13.9
SA22-2166	12.1	12.2	12.2		12.6	11.5
SA22-2168	12.0	11.6	12.1		12.9	11.2

UNIFORM TEST IV TRAITED MATERIAL, 2025

SEED QUALITY (score)

Strain	Mean 4 Tests	Belle- ville IL	Urbana IL	Butlerville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	1.6	2.0	2.0		1.5	1.0
LD07-3395bf (SCN) (E)	1.5	2.0	2.0		1.0	1.0
AG37XF1	1.5	2.0	2.0		1.0	1.0
AG42XF4 (L)	1.8	2.0	3.0		1.0	1.0
LD20-12210	1.6	2.0	2.0		1.5	1.0
LD21-3582	1.5	2.0	2.0		1.0	1.0
LD22-3014005	1.5	2.0	2.0		1.0	1.0
LD22-8411	1.8	2.0	2.0		1.0	2.0
LD22-8586	1.5	2.0	2.0		1.0	1.0
LD22-8851	1.5	2.0	2.0		1.0	1.0
SA21-10247	1.5	2.0	2.0		1.0	1.0
SA22-1623	1.6	2.0	2.0		1.5	1.0
SA22-2166	1.5	2.0	2.0		1.0	1.0
SA22-2168	1.5	2.0	2.0		1.0	1.0

UNIFORM TEST IV TRAITED MATERIAL, 2025

PROTEIN (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	34.5	34.1	35.0	33.7	35.0	34.9
LD07-3395bf (SCN) (E)	31.8	31.7	31.9	31.1	31.8	32.3
AG37XF1	35.4	34.5	36.3	34.8	35.8	35.8
AG42XF4 (L)	33.9	32.7	35.3	33.5	34.0	33.9
LD20-12210	34.6	33.8	34.7	34.3	35.8	34.5
LD21-3582	34.2	33.8	34.1	33.7	34.9	34.4
LD22-3014005	34.3	33.0	34.4	33.8	35.3	35.2
LD22-8411	33.8	33.5	34.5	33.6	32.8	34.8
LD22-8586	34.0	33.3	34.4	33.7	34.2	34.7
LD22-8851	34.5	34.3	34.3	33.9	34.4	35.3
SA21-10247	35.1	34.4	35.2	34.3	36.2	35.5
SA22-1623	35.5	34.1	36.7	34.5	36.3	36.1
SA22-2166	34.0	32.4	34.9	33.2	35.0	34.8
SA22-2168	34.3	32.8	35.1	33.8	34.8	35.0

UNIFORM TEST IV TRAITED MATERIAL, 2025

OIL (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	19.2	20.0	18.7	19.7	18.5	19.3
LD07-3395bf (SCN) (E)	20.6	20.9	20.4	20.9	20.3	20.3
AG37XF1	18.6	19.4	18.2	19.1	17.9	18.5
AG42XF4 (L)	18.4	19.3	17.6	18.9	17.5	18.8
LD20-12210	19.9	20.0	19.8	20.6	19.3	19.8
LD21-3582	19.7	20.1	19.8	20.0	19.1	19.6
LD22-3014005	19.6	20.5	19.4	20.0	18.4	19.4
LD22-8411	19.9	20.8	20.2	20.8	18.1	19.9
LD22-8586	20.2	20.9	20.1	20.6	19.3	20.1
LD22-8851	20.2	20.5	20.2	20.8	19.9	19.8
SA21-10247	19.6	19.9	19.6	20.1	18.8	19.6
SA22-1623	19.1	20.3	18.7	19.6	18.3	18.9
SA22-2166	20.5	21.6	19.8	21.2	19.6	20.4
SA22-2168	20.5	21.6	20.2	21.0	19.5	20.3

UNIFORM TEST IV TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

No. of Tests Strain	Palmitic 5 %	Stearic 5 %	Oleic 5 %	Linoleic 5 %	Linolenic 5 %
LD15-3818 (IV)	10.1	5.0	25.6	52.0	7.4
LD07-3395bf (SCN) (E)	10.3	4.4	24.8	52.8	7.7
LD20-12210	6.7	3.9	81.9	5.1	2.4
LD21-3582	6.6	3.8	83.3	3.3	3.0
LD22-3014005	6.9	3.8	82.5	4.2	2.5
LD22-8411	7.1	4.1	82.4	3.5	2.9
LD22-8586	6.6	3.2	82.9	4.9	2.4
LD22-8851	6.7	3.3	83.4	3.8	2.8
SA21-10247	6.1	3.9	84.0	3.5	2.5
SA22-1623	6.4	3.5	82.8	4.2	3.0
SA22-2166	6.8	3.8	82.3	4.4	2.7
SA22-2168	6.8	3.8	82.4	4.1	3.0

UNIFORM TEST IV TRAITED MATERIAL, 2025

FATTY ACID, PALMITIC (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	10.1	10.1	9.8	10.1	9.8	10.5
LD07-3395bf (SCN) (E)	10.3	10.4	10.3	10.4	9.7	10.6
LD20-12210	6.7	6.7	6.4	6.8	7.0	6.7
LD21-3582	6.6	6.5	6.4	6.8	6.4	6.8
LD22-3014005	6.9	7.1	6.6	6.9	6.7	7.2
LD22-8411	7.1	7.4	7.1	7.1	6.6	7.1
LD22-8586	6.6	7.1	6.2	7.1	6.4	6.3
LD22-8851	6.7	7.1	6.5	6.9	6.5	6.6
SA21-10247	6.1	6.1	6.1	6.1	6.0	6.2
SA22-1623	6.4	6.2	6.4	6.6	6.3	6.3
SA22-2166	6.8	6.8	6.9	6.7	6.8	7.0
SA22-2168	6.8	6.6	6.6	6.9	6.7	6.9

UNIFORM TEST IV TRAITED MATERIAL, 2025

FATTY ACID, STEARIC (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	5.0	6.0	5.1	4.1	4.9	5.0
LD07-3395bf (SCN) (E)	4.4	5.1	4.6	4.1	4.0	4.5
LD20-12210	3.9	4.5	3.9	3.5	3.6	4.1
LD21-3582	3.8	4.4	3.8	3.4	3.7	3.9
LD22-3014005	3.8	3.9	4.4	3.7	3.4	3.8
LD22-8411	4.1	4.6	4.0	3.6	3.6	4.5
LD22-8586	3.2	3.4	3.7	2.9	2.9	3.2
LD22-8851	3.3	3.4	3.2	3.1	3.2	3.3
SA21-10247	3.9	4.4	4.0	3.7	3.5	3.8
SA22-1623	3.5	3.9	3.4	3.5	3.4	3.6
SA22-2166	3.8	3.8	4.3	3.7	3.4	3.8
SA22-2168	3.8	4.2	4.2	3.6	3.4	3.6

UNIFORM TEST IV TRAITED MATERIAL, 2025

FATTY ACID, OLEIC (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	25.6	30.3	24.7	23.7	23.8	25.3
LD07-3395bf (SCN) (E)	24.8	27.6	25.3	23.2	22.7	25.2
LD20-12210	81.9	81.4	83.8	81.3	80.9	82.1
LD21-3582	83.3	82.8	84.9	82.8	82.5	83.5
LD22-3014005	82.5	82.8	83.2	82.0	82.0	82.6
LD22-8411	82.4	83.4	82.5	82.5	80.9	82.7
LD22-8586	82.9	78.2	85.0	83.1	83.6	84.5
LD22-8851	83.4	83.9	84.9	82.7	81.1	84.5
SA21-10247	84.0	83.9	84.3	83.9	83.4	84.2
SA22-1623	82.8	84.7	83.1	81.6	80.8	84.0
SA22-2166	82.3	83.1	82.9	81.9	81.6	81.8
SA22-2168	82.4	83.9	82.2	81.8	80.9	83.0

UNIFORM TEST IV TRAITED MATERIAL, 2025

FATTY ACID, LINOLEIC (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	52.0	47.2	53.3	54.1	53.8	51.5
LD07-3395bf (SCN) (E)	52.8	50.6	53.1	53.4	54.4	52.2
LD20-12210	5.1	5.1	3.9	5.8	6.0	4.6
LD21-3582	3.3	3.4	2.8	3.3	3.6	3.6
LD22-3014005	4.2	4.0	3.6	4.5	5.4	3.5
LD22-8411	3.5	2.7	3.6	3.4	4.7	3.4
LD22-8586	4.9	9.0	3.2	4.3	4.6	3.3
LD22-8851	3.8	3.5	3.3	3.9	5.1	3.3
SA21-10247	3.5	3.2	3.4	3.7	4.4	3.0
SA22-1623	4.2	3.2	4.3	4.5	5.5	3.8
SA22-2166	4.4	3.7	3.6	4.7	5.4	4.6
SA22-2168	4.1	3.2	4.2	4.0	4.9	4.0

UNIFORM TEST IV TRAITED MATERIAL, 2025

FATTY ACID, LINOLENIC (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	7.4	6.4	7.2	8.0	7.8	7.7
LD07-3395bf (SCN) (E)	7.7	6.2	6.7	8.9	9.2	7.5
LD20-12210	2.4	2.3	2.1	2.6	2.6	2.6
LD21-3582	3.0	3.0	2.0	3.8	3.8	2.3
LD22-3014005	2.5	2.1	2.2	2.9	2.5	2.9
LD22-8411	2.9	2.0	2.8	3.3	4.2	2.3
LD22-8586	2.4	2.4	2.0	2.6	2.6	2.6
LD22-8851	2.8	2.2	2.0	3.4	4.1	2.2
SA21-10247	2.5	2.5	2.2	2.5	2.6	2.8
SA22-1623	3.0	2.1	2.8	3.9	3.9	2.4
SA22-2166	2.7	2.6	2.4	3.0	2.8	2.8
SA22-2168	3.0	2.1	2.8	3.7	4.1	2.5

UNIFORM TEST IV TRAITED MATERIAL, 2025

REGIONAL SUMMARY - SEED COMPOSITION

Strain	Sucrose 5 %	Raffinose 5 %	Stachyose 5 %	Total Sugar 5 %
LD15-3818 (IV)	3.5	1.0	2.5	7.1
LD07-3395bf (SCN)(E)	3.5	1.0	2.8	7.2
LD22-8411	5.3	0.5	1.0	6.9

UNIFORM TEST IV TRAITED MATERIAL, 2025

SEED SUGAR, SUCROSE (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	3.5	3.8	3.3	3.8	3.6	3.4
LD07-3395bf (SCN)(E)	3.5	3.7	3.3	2.9	3.4	4.0
LD22-8411	5.3	4.6	5.6	6.1	4.9	5.4

UNIFORM TEST IV TRAITED MATERIAL, 2025

SEED SUGAR, RAFFINOSE (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	1.0	1.4	0.8	1.0	0.6	1.2
LD07-3395bf (SCN)(E)	1.0	1.5	0.8	0.7	0.6	1.3
LD22-8411	0.5	0.5	0.4	0.6	0.4	0.5

UNIFORM TEST IV TRAITED MATERIAL, 2025

SEED SUGAR, STACHYOSE (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	2.5	2.4	2.4	2.8	2.7	2.4
LD07-3395bf (SCN)(E)	2.8	3.1	2.7	2.0	2.9	3.2
LD22-8411	1.0	1.0	1.0	1.2	0.9	1.0

UNIFORM TEST IV TRAITED MATERIAL, 2025

SEED SUGAR, TOTAL (%)

Strain	Mean 5 Tests	Belle- ville IL	Urbana IL	Butler- ville IN	West Lafayette IN	Novelty MO
LD15-3818 (IV)	7.1	7.5	6.4	7.6	6.9	6.9
LD07-3395bf (SCN)(E)	7.2	8.3	6.8	5.6	6.9	8.5
LD22-8411	6.9	6.1	7.0	7.9	6.3	7.0

Parentage data of strains in Uniform Tests can be found at:
<https://www.soybase.org/tools/parentage/>