

2020 Performance Summary

CENTRAL AND SOUTHERN MINNESOTA



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November 2020



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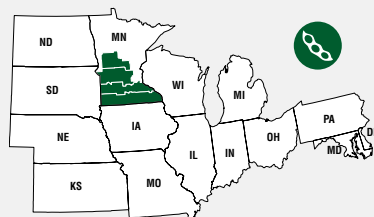
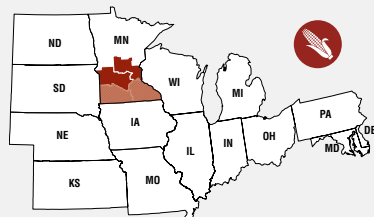
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November 2020



Southern Minnesota trials had record breaking yields in individual plots, and the region also produced yields that were similar to top yields across the U.S. It was a tremendous growing season with very good harvest conditions this fall. An excellent planting season in central Minnesota was followed by a good year for the crops with nice yields in corn and average yields in beans.

The new southern MN ultra-early corn test went well, spurred by Interest in early maturity hybrids due to late planting in 2019 after the historically wet spring. Fields were relatively free of disease or insects, and weed control was fair to good in the conventionally sprayed plots. Central Minnesota had great weed control in the corn plots and good control in beans with a few problem spots that affected plot results.

Most host farmers saw good yields on their fields in 2020, other than a few on marginal soils or other damage that came up. The highest yielding soybean variety at Easton hit 89.2 bpa. The Easton soybean plot was one of the top yielding in FIRST trials nationwide this year, though there were some locations that suffered from early rains (Lamberton) and hail damage (Nerstrand). Most farmers didn't think they had received enough rain in August, so they were surprised to see high soybean yields.

In central MN, the drier August led to lower yields on rising land compared to lower spots. This did not appear to be a good year to plant corn after corn for top yields. Force insecticide was applied to all southern MN FIRST corn plots this year, and corn rootworm was more problematic this year.

All in all, many of the farmers said their cornfields were very uniform in 2020. Soybean harvest was complete in central and southern Minnesota by October 18. Soybeans moved quickly in October, then things switched back to corn, completing harvest by November 8.

A lot of time, expense and effort goes into organizing FIRST testing. It is a commitment from the seed companies who pay to participate in the trials, the farmers who host the plots, the local FIRST managers who package seed, plant, manage, and harvest the plots, carefully logging the data for publication. We hope these yield performance results will help you select among the many companies that have great yielding products to increase profitability on your farm.

Mark Querna and Ed Dahle

FIRST Testing Methodology and Procedures

TESTING PROGRAM

Our testing program compares corn and soybean seed product yield and agronomic performance in grower fields across 15 states: Delaware, Illinois, Indiana, Iowa, Kansas, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota and Wisconsin (Figure 1 & Figure 2).

Testing regions have been established to provide similarity by geography and crop maturity. Seed products within a predefined maturity range (e.g., 97–102 RM corn or 0.7 to 1.5 maturity soybeans) are pooled into a single, all-season test or split into early- and full-season tests depending on entry volume. Products are planted at five or six corn test locations or four soybean locations within a region.

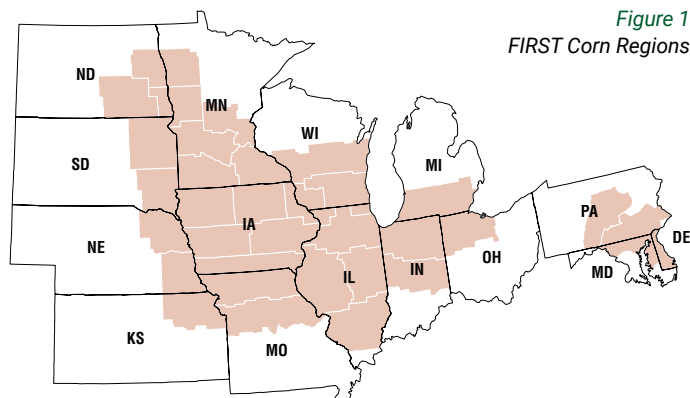


Figure 1
FIRST Corn Regions

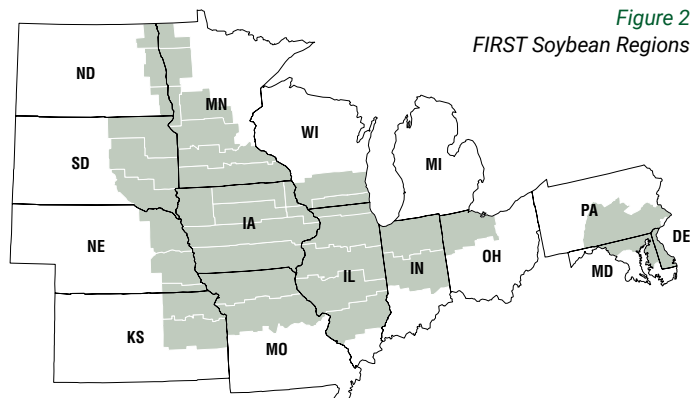


Figure 2
FIRST Soybean Regions

Test locations are selected to represent the geographic diversity within a region. Ideal sites have uniform, well-drained soils where farmer hosts use standard production practices for the area. Typically, all tests at a location are conducted adjacent to each other to minimize yield variance between tests.

Seed companies and/or seed distributors are invited to submit their most promising seed products within specified test maturity limits to desired test regions (See pages 21–24 & 35–37). They provide high-quality seed from commercial lots and fees to enter FIRST tests. The only exceptions are check products (CK after product names, i.e. ×1234 CK), chosen by FIRST Managers to bridge results between early- and full-season tests, and Grower Comparison products (GC after the product name), often provided by host farmers for their knowledge as test space permits.

Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

side. This provides more precision in yield measurement and flexibility should a disruptive event (i.e., standing water) require elimination of non-uniform test areas.

FIRST Field Managers package, randomize, and plant seeds into host grower fields using slightly modified commercial planting equipment to facilitate mini strip research. Individual plots (a.k.a. mini-strips) contain four corn rows spaced 30-inches apart, 45 feet in length (Figure 3). Soybean is planted in four rows spaced 30-inches apart or seven 15-inch spaced rows. Soil insecticide is typically applied to corn at planting. Seeding rate is based on standard area practices.

FIRST Managers measure yield from the center two corn rows or all soybean rows using customized commercial self-propelled combines. Grain from each plot is electronically weighed and moisture content measured. Soybean grain is sampled from one replicate per test for protein and oil content analysis.

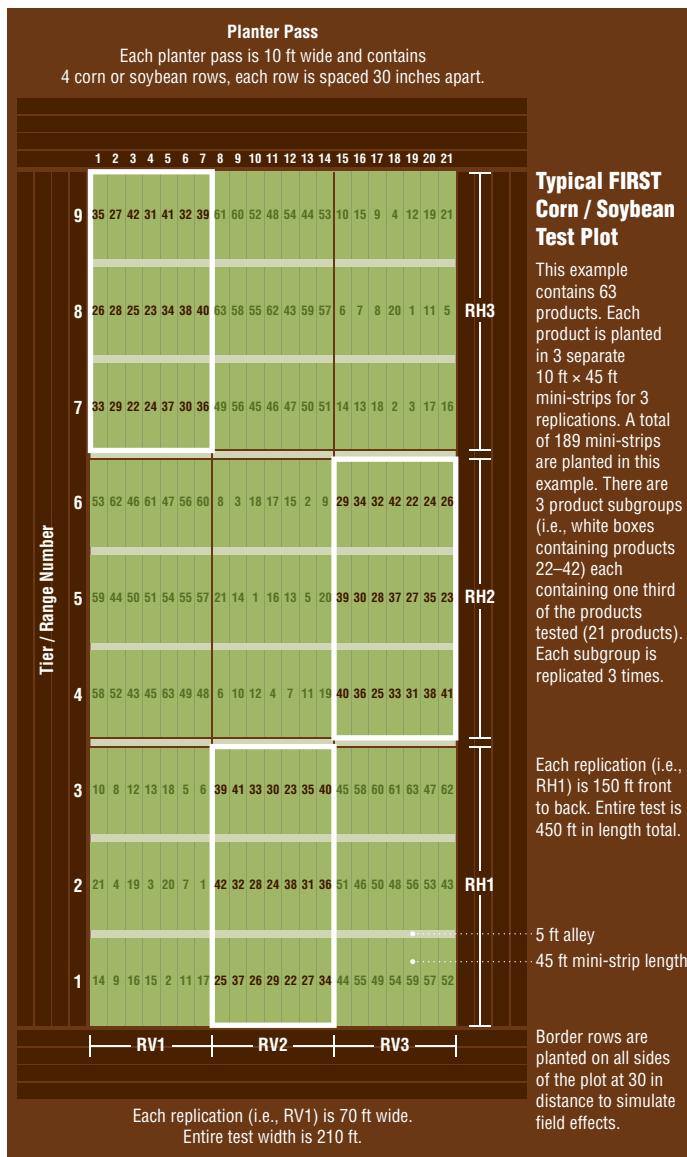


Figure 3
FIRST Test Plot Layout

PERFORMANCE SUMMARIES

FIRST Corn Grain and Soybean Top 30 Harvest Reports are designed to identify high-yielding products at a single location. These reports are posted to www.firstseedtests.com generally within 2 days of harvest and provide product information, yield and agronomic results.

The Corn Grain and Soybean Top 30 Performance Summary reports (Figures 4 & 5) identify products that consistently deliver top performance across a region by averaging product results from all test locations. These corn and soybean regional reports display grain Yield (Bu/A), grain Moisture (%), Lodging (%) and Gross Income (\$/A) as well as Protein (%) and Oil (%) content in soybean only, averaged over all locations, presented alongside individual site yield results. This report is available shortly after the last Harvest Report for a region becomes available at www.firstseedtests.com.

In both reports, products are first ranked by Gross Income (\$/A). The 30 highest ranked Gross Income (\$/A) products are sorted by Yield (Bu/A) for public presentation. Nearly all tests include more than 30 products but only the Top 30 products are reported. The Performance Summary Reports are compiled here for 2020 Central and Southern Minnesota.

Figure 4 Corn Grain Performance Summary

| EARLY-SEASON TEST 93-98 Day CRM Top 30 of 48 tested | | | | | | | | | | | Results in BOLD are significantly above test average. | | | | |
|---|---------------|------------|----------|--------------|--------------|-------------|---------------------|-------------------|------------|-------------|---|----------|----------|--|--|
| Company/Brand | Product/Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Gross Income Rank | Yield Late | Yield Early | Yield Mean | Yield SD | Yield CV | | |
| Dairyland | DS-3550AM | AM | 95 | 219.9 | 24.1 | 1 | \$759 | 1 | 272.2 | 188.1 | 148.6 | 220.6 | 270.0 | | |
| Thunder | 6098 VT2P | VT2PB | 98 | 219.5 | 24.0 | 1 | \$756 | 2 | 249.7 | 224.0 | 157.1 | 206.1 | 260.5 | | |
| Renk | RS61D6VT2P | VT2PDG | 95 | 216.7 | 23.2 | 3 | \$751 | 3 | 251.0 | 222.9 | 163.4 | 203.4 | 242.9 | | |
| Titian Pro | 86-96 2P | VT2PB | 96 | 215.1 | 24.0 | 1 | \$742 | 4 | 255.5 | 215.0 | 151.1 | 210.2 | 245.7 | | |

Figure 5 Soybean Performance Summary

| ALL-SEASON TEST MATURITY GROUP 3-3-4-3 Top 30 of 54 tested | | | | | | | | | | | Results in BOLD are significantly above test average. | | | | |
|--|---------------|------------|----------|--------------|-------------|---------|--------------|-------------|---------------------|-------------|---|-------------|-------------|--|--|
| Company/Brand | Product/Brand | Technology | Maturity | Yield (Bu/A) | Protein (%) | Oil (%) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Berlin | Forgh | Turcota | Vindin | | |
| Dyna-Gro | S37X589 | RRX-ST | 3.7 | 65.8 | 34.7 | 18.9 | 12.5 | 3 | \$592 | 68.8 | 61.3 | 64.5 | 66.5 | | |
| Great Heart | GT3711X3 | RRX-ST | 3.7 | 65.5 | 34.5 | 19.1 | 12.7 | 3 | \$590 | 67.8 | 62.7 | 66.8 | 64.8 | | |
| FS HiSoy | HS-38X70 | RRX-ST | 3.8 | 63.3 | 34.8 | 18.9 | 12.4 | 3 | \$570 | 66.0 | 61.2 | 62.0 | 63.9 | | |
| Pioneer | P36A18X | RRX | 3.6 | 63.2 | 34.4 | 19.5 | 12.8 | 4 | \$569 | 67.0 | 56.1 | 62.7 | 67.1 | | |

PERFORMANCE MEASUREMENTS

- A Yield (Bu/A)** – Harvested grain weight and grain moisture are used to convert yield results to bushels per acre at 15% moisture (base moisture) for corn and 13% moisture for soybean. Grain shrinkage is additionally applied to product yields exceeding the base moisture.
- B Moisture (%)** – A calibrated electronic sensor measures moisture content of harvested grain.
- C Lodging (%)** – Estimated percentage of corn plants leaning more than 45° from vertical or stalks broken below the ear at harvest. Encompasses both stalk and root lodging. Estimated soybean plant leaning (0% = all plants vertical, 100% = all plants flat on the ground).
- D Gross Income (\$/A)** – Harvested crop value in dollars per acre is derived by multiplying crop yield and price per bushel minus drying costs, if any, to reach base moisture. Each Harvest Report and Performance Summary details specific crop price and drying costs.
- E Gross Income Rank** – Gross Income values are sorted from high to low then numbered consecutively (1, 2, 3...) from highest to lowest value. Ties are broken based on higher yield, lower lodging and lower moisture values.
- F Oil (%)** – Soybean oil content at 13% grain moisture determined by near infrared reflectance spectroscopy (NIR).
- G Protein (%)** – Soybean protein content at 13% grain moisture determined by NIR.

For more yield results visit www.firstseedtests.com
FIRST does not make product endorsements.

STATISTICS REPORTED

Least Significant Difference (LSD) is provided on all replicated results to facilitate valid product comparisons. Statistically, the LSD value is the minimum difference needed between two products to declare that one product is greater than another. FIRST calculates LSD at the 10% level ($p = 0.10$). Product yield differences equal or greater than the LSD (0.10) value would have been greater one versus the other nine times out of 10 (90% probability). Typically, low LSD values indicate high-quality test results. However, keep in mind that LSD values increase as: test yield level increases, p values decrease [i.e. LSD (0.05) value > LSD (0.10) value > LSD (0.25) value] and as data variability increases. Just because LSD values are higher in some tests vs. others does not mean the results are low quality. Multiple factors have a role in LSD value magnitude.

Coefficient of Variance (CV) measures the average difference between the replications of a test entry, averaged for all the entries in the test, then divided by the average of all observations recorded and expressed as a percentage. Higher values indicate more unexplained variability in proportion to the test average than lower values. Researchers within the seed industry may drop yield data from consideration when CV's are above 15% because the unexplained variance is high or the yield level is low or both. Low yield levels at a test site do not estimate yield potential well, nor are there as many or as great a difference between hybrids and varieties compared to higher yield conditions.

Data Rejected – If a data table has “Data Rejected” stamped across it, we have deemed this data is highly variable and of very poor quality, typically due to weather or uncontrolled factors. Rejection decisions are based on statistical analysis of yield results. Data with very high CV and/or low F-test values (the ratio of variability between entry averages divided by the variability between entry replications) are often rejected.

OTHER INFORMATION

Test Comments – The FIRST manager will provide comments and observations for each test site. This insight on weather patterns, plant health and soil conditions provide context to the data and underscore the challenges and opportunities the test entries were able to overcome or exploit.

Estimated Maturity (corn only) – Product maturity is determined by linear regression comparison of harvest grain moisture and company stated relative maturity (RM). Products with estimated maturity exceeding the test maximum by at least 1 RM are identified in italics. These products may have an unfair yield advantage over peers due to later maturity.

Bold Identified Means – These product means are significantly better than the test average for that measured parameter.

Check Product (CK) – When early- and full-season tests are conducted at a site, an identical check product is planted in both tests. Check yield results allow growers to comparatively view product performance in both early- and full-season tests. No product yield adjustments are made based on check performance.

Grower Comparison (GC) products – These products, identified with a “GC” product name suffix, are often supplied by growers hosting test sites and included when space permits. Grower comparison products allow direct comparison to products in our tests.

United Soybean Board (USB) Products (soybean only) – Products identified with a “S” product name suffix are funded by soybean checkoff dollars. This program strives to gather yield and grain composition results from genetics that otherwise would not be available.

TECHNOLOGY CODE LEGEND

Product Suffix Key

| | |
|-----------|---|
| CK | Check product found in early- and full- season tests |
| GC | Grower Comparison product from farmer cooperator or field manager |
| S | United Soybean Board sponsored entry |

Corn Seed Technology Key

| CODE | DESCRIPTION |
|-----------------|---|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) |
| 3010 | Agrisure® 3010 (GT,CB,LL), formerly GT/CB/LL |
| 3011 | Agrisure® 3011 (CB,RW,LL,GT) |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) |
| 3120 | Agrisure® 3120 (CB,HX,LL,GT) |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) |
| 3330 | Agrisure® Viptera® 3330 (Vip,CB,LL,GT) |
| 5122 | Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT) |
| 5222 | Agrisure® Duracade® 5222 (Vip,CB,HX,RW,RW2,LL,GT) |
| A | Agrisure® Artesian® |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) |
| AM1 | Optimum® AcreMax®1 (HXT,LL,RR2) |
| AML | Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2) |
| AMRW | Optimum® AcreMax® Rootworm (HXRW,LL,RR2) |
| AMT | Optimum® AcreMax®TRisect (HX,RW,LL,RR2) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AQ | Optimum® AQUAmax® |
| B | Blend - RIB or EZ refuge |
| CB | Agrisure® Corn Borer |
| CB/LL | Agrisure® CB/LL |
| CB/LL/RW | Agrisure® CB/LL/RW |
| DG | Genuity® DroughtGard® |
| E | Enlist™ (2,4-D, glyphosate, fop tolerance) |
| GT | Agrisure® GT |
| HX | Herculex® 1, contains LL |
| HX,RR2 | Herculex® 1, Roundup Ready 2 Corn |
| HXRW | Herculex® Rootworm, contains LL |
| HXT | Herculex® Xtra (HX,HXRW,LL) |
| HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn |
| LL | LibertyLink® |
| CONV | conventional corn |
| OI | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2) |
| OIX | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| OIXT | Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2) |
| OL | Optimum® Leptra® VYHR (Vip,YGCB,HX,LL,RR2) |
| OT | Optimum® TRisect® CHR (HX,RW,LL,RR2) |
| PC | PowerCore™ (HX,VT2P) |
| QR | Qrome™ |
| RR2 | Roundup Ready® 2 Corn |
| RW | Agrisure® Rootworm |
| STX | SmartStax® (VT3PHXX) |
| TRE | Genuity® Trecepta™ |
| VT2P | Genuity® VT Double PRO® |
| VT3 | YieldGard VT Triple® |
| VT3P | Genuity® VT Triple PRO® |
| YGCB | YieldGard® Corn Borer |

Corn Seed Treatment Key

| ABBREVIATION | DESCRIPTION |
|------------------------|--|
| na | not available |
| AC | Acceleron®, unspecified |
| AC250,In | Acceleron® 250, Intego |
| AC250 | Acceleron® 250 |
| AC,P1 | Acceleron® 1250 |
| AC,P2 | Acceleron® Poncho 250 |
| PC,P2,B360 | Acceleron® Poncho 250 with B-360 SAT |
| AC,P2,MAG | Acceleron® 250, Federal ArmourGuard |
| AC,P2,St,SU | Acceleron® 250, Stamina, StepUp |
| AC,P2V | Acceleron® Poncho 250/Votivo |
| AC,P5 | Acceleron® Poncho 500 |
| AC,P5,B360 | Acceleron® Poncho 500 with B-360 SAT |
| AC,P5,St,SU | Acceleron® Poncho 500, Stamina, StepUp |
| AC,P5V | Acceleron® Poncho 500/Votivo |
| AC,P5V,B-300 | Acceleron® Poncho 500/Votivo with B-300 SAT |
| AC,P5V,B360 | Acceleron® Poncho 500/Votivo with B-360 SAT |
| AC,P5V,EDC-B | Acceleron® Basic Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,EDC-EL | Acceleron® Elite Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,St,SU | Acceleron® Poncho 500/Votivo, Stamina, StepUp |
| ACi | ACi Acceleron® Standard Insecticide-Fungicide |
| ACb | Acceleron® B-300 SAT |
| AVC | Avicta® Complete Corn |
| AVC,C1 | Avicta® Complete 1250 |
| AVC,C2 | Avicta® Complete 250 |
| AVC,C2,St,SU | Avicta® Complete 250, Stamina, StepUp |
| AVC,C2,Vi | Avicta® Complete 250, Vibrance® |
| AVC,C2,Vi,St,SU | Avicta® Complete 250, Vibrance®, Stamina, StepUp |
| AVC,C5 | Avicta® Complete 500 |
| AVC,C5,Vi | Avicta® Complete 500, Vibrance® |
| BPS | Burrus PowerShield |
| C2 | Cruiser® 250 |
| CM,C1 | CruiserMaxx® 1250 |
| CM,C2 | CruiserMaxx® 250 |

| | |
|--------------------|---|
| CM,C2,Sb | CruiserMaxx® 250, SabrEx Innoculant |
| CM,C2,St,SU | CruiserMaxx® 250, Stamina, StepUp |
| CM,C2,Vi | CruiserMaxx® 250 with Vibrance® |
| CM,C5 | CruiserMaxx® 500 |
| CM,C5,Vi | CruiserMaxx® 500 with Vibrance® |
| CM,MQ,C2 | CruiserMaxx® Cruiser® 250, Maxim® Quattro |
| HC | Hefty Complete |
| Lum | LumiGEN™ |
| Lum,P1V | LumiGEN Poncho 1250/Votivo |
| Lum,P5V | LumiGEN Poncho 500/Votivo |
| MQ | Maxim® Quattro |
| MQ,P1V | Maxim® Quattro, Poncho 1250/Votivo |
| MSC | Miller Hybrids ShieldCoat™, Vertex |
| P1 | Poncho 1250 |
| P1V | Poncho 1250/Votivo |
| P1V,Lu | Poncho 1250/Votivo, Lumisena™ |
| P5 | Poncho 500 |
| P5V | Poncho 500/Votivo |
| SU,St | StepUpZn, Stamina |
| ZN | Winfield United Advanced Coating® Zn |

Soybean Seed Technology Key

| CODE | DESCRIPTION |
|----------------|---|
| E | Enlist (2,4-D, glyphosate) |
| E3 | Enlist E3™ (2,4-D, glyphosate, LL) |
| G27 | GT27 (glyphosate, isoxaflutole) |
| LG27 | LibertyLink® GT27™ |
| LL | LibertyLink® |
| LL,ST | LibertyLink®, sulfonylurea tolerant |
| None | no trait, conventional |
| P | Plenish® (glyphosate, high oleic) |
| RR | glyphosate tolerant (formerly Roundup Ready) |
| RR,ST | glyphosate and sulfonylurea tolerant |
| RR2Y | Roundup Ready 2 Yield® |
| RR2Y,ST | Roundup Ready 2 Yield®, sulfonylurea tolerant |
| RRX | Roundup Ready 2 Xtend® |
| RRX,ST | Roundup Ready 2 Xtend®, sulfonylurea tolerant |

Soybean Seed Treatment Key

| ABBREVIATION | DESCRIPTION |
|---------------------|--|
| na | not available |
| A2020 | Alert 2020 (Partners Brand Seed) |
| AC | Acceleron®, unspecified |
| ACi | Acceleron® Standard Insecticide-Fungicide |
| ACi,IL | Acceleron® Standard Insecticide-Fungicide, iLeVO™ |
| ACi,SA | Acceleron® Standard Insecticide-Fungicide, Salstro |
| ACi,SA,B-200 | Acceleron® Standard fungicide + insecticide, Salstro, Acceleron® B-200 SAT (Dry Seed Finisher) |
| AM | ApronMaxx® |
| ASfi,IL | AgriShield F+I, iLeVO™, inoculant |
| BPS-SDS | Burrus PowerShield® SDS |
| CMB,EX | CruiserMaxx Beans®, Excalibre-SA™ |
| CMBV | CruiserMaxx® Beans, Vibrance® |
| CMBV,SA | Cruisermaxx®, Vibrance®, Salstro |
| DST | Dominance 2 ST |
| EQV,SA | Equity VIP, Salstro |
| EX | Excalibre-SA™ (ABM) |
| EeTC | Eclipse US Total Coverage Trio IM, N-Force |
| EeTC,SA | Eclipse US Total Coverage Trio IM, N-Force, Salstro |
| HCS | Hefty Complete Soybeans |
| IS,Ri | Intego Suite, Rizolex |
| Lum | LumiGEN™ |
| Lum,IL | LumiGEN™ plus iLeVO™ |
| Lum,Lu | LumiGEN, Lumisena™ |
| Lum,Lu,IL | LumiGEN, Lumisena™, iLeVO™ |
| PG+ | Profit Guard + |
| PS | MAS Pro-Shield |
| PV,IL | Poncho®/Votivo®, iLeVO™ |
| PV,IL,OB | Poncho®/Votivo®, iLeVO™, Obvius Plus |
| RP | Radius Premium (Local Seed Co) |
| SA | Salstro® |
| SA,A,R,G | Salstro®, Allegiance FL, Redigo 480, Gaucho 600 |
| SS | SoyShield |
| SS+ | SoyShield Plus |
| Treated | Treated, unspecified |
| Untreated | No seed treatment |
| VFI,SA | Virile Fungicide+Insecticide, Salstro® (BCS Consulting) |
| Vim,NO | Vibrance Maxx, Nodulator Pro |
| W | Warden® CX |
| YPP | YP Pro™, QuickRoots |
| YPP,T | YP Pro™, Trilex® |

Soybean Cyst Nematode (SCN) Resistance Rating

| CODE | SOYBEAN CYST NEMATODE DESCRIPTION |
|-----------|-----------------------------------|
| NA | information is not available |
| S | susceptible |
| MR | moderate resistance |
| R | resistant |

CORN REGIONS: MNWC, MNEC, MNSW, MNSE, MNSO



Site Description: **MNWC** (See corn results table on page 7)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|----------------|-------------------------|--------------|--------------|---------------|----------------------|--------------|----------------|---------------|--------------|---------------|----------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Clinton | Doug Nelson | loam | conventional | soybean | 150 | 30-Apr | 29-Oct | 33.2 | 217.6 | 196.5 | 14 |
| Kerkhoven | Rod and Brody Lindquist | loam | conventional | soybean | 210 | 1-May | 3-Nov | 33.1 | 206.1 | 200.2 | 4 |
| Lester Prairie | Nathan Ide | loam | conventional | corn | 180 | 23-Apr | 16-Oct | 32.4 | 189.2 | 192.7 | 7 |
| Montevideo | DJ VanKlompensburg | silty clay | conventional | soybean | 160 | 27-Apr | 30-Oct | 32.9 | 201.2 | – | new site |
| Sedan | Michael Stamer | sandy loam | conventional | dry beans | 210 | 22-Apr | 2-Nov | 32.6 | 219.2 | 227.1 | 1 |
| Starbuck | Matt Moe | loam | conventional | soybean | 145 | 30-Apr | 1-Nov | 33.2 | 181.1 | 210.3 | 3 |
| | | | | | | | | MNWC | 197.9 | 19 | |

Site Description: **MNEC** (See corn results table on page 8)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|--------------|----------------|--------------|--------------|---------------|----------------------|--------------|----------------|---------------|--------------|---------------|-------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Albany | Ray Beutz | loam | conventional | alfalfa | dairy manure | 25-Apr | 28-Oct | 32.7 | 205.0 | 210.2 | 3 |
| Clear Lake | Ryan Peterson | loamy sand | conventional | soybean | 243 | 25-Apr | 14-Oct | 33.1 | 231.2 | 219.0 | 2 |
| Foley | Roy Schneider | loam | strip till | soybeans | 101 | 25-Apr | 15-Oct | 30.9 | 197.3 | 217.9 | 2 |
| Milaca | Kevin Schreur | silt loam | conventional | corn | 125 | 20-May | 5-Nov | 32.5 | 204.5 | 191.1 | 3 |
| Royalton | Kenny Kasella | loamy sand | conventional | corn | 83 | 27-Apr | 15-Oct | 31.1 | 212.0 | 212.3 | 1 |
| Taylor Falls | Sandberg Farms | loam | conventional | soybean | 147 | 20-May | 5-Nov | 32.7 | 225.5 | 206.2 | 3 |
| | | | | | | | | MNEC | 203.4 | 4 | |

Site Description: **MNSW** (See corn results table on page 9)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|-----------|---------------|--------------|--------------|---------------|----------------------|--------------|----------------|---------------|--------------|---------------|-------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Easton | Dru Martin | loam | conventional | soybean | 210 | 27-Apr | 28-Oct | 33.3 | 259.5 | 200.2 | 18 |
| Jackson | Steve Ryberg | clay loam | conventional | soybean | 143 | 24-Apr | 30-Sep | 33.4 | 238.3 | 200.3 | 18 |
| Jeffers | Rick Quade | loam | conventional | soybean | 145 | 1-May | 1-Nov | 33.2 | 222.1 | 190.2 | 13 |
| Lamberton | Ed Iverson | clay loam | conventional | soybean | 197 | 3-May | 4-Nov | 33.1 | 222.1 | 198.5 | 2 |
| Mankato | Greg Scheurer | clay loam | conventional | soybean | 156 | 25-Apr | 3-Nov | 33.1 | 226.2 | 221.1 | 1 |
| Truman | Dan Helvig | loam | conventional | corn | 175 | 26-Apr | 31-Oct | 32.8 | 180.9 | 209.4 | 1 |
| | | | | | | | | MNSW | 196.6 | 20 | |

Site Description: MNSE (See corn results table on page 10)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|--------------|--------------------------------|--------------|--------------|---------------|----------------------|--------------|----------------|---------------|-------------|---------------|-----------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Cannon Falls | Marc Hernke | silt loam | conventional | soybean | 200 | 25-Apr | 9-Nov | NR | NR | 209.8 | 17 |
| Dexter | Eric Lee | silt loam | conventional | corn | 183 | 23-Apr | 24-Oct | NR | NR | 209.6 | 11 |
| Eyota | Arthur & Paul Wendt | silt loam | conventional | corn | 250 | 2-May | 6-Nov | 33.4 | 233.5 | 209.4 | 18 |
| Kasson | Brian Herbst | silt loam | conventional | soybean | 236 | 27-Apr | 2-Nov | 33.0 | 260.8 | 210.7 | 19 |
| Nerstrand | Keith, Kurt and Brian Schrader | silt loam | conventional | soybean | 147 | 25-Apr | 7-Nov | 32.4 | 218.8 | 235.2 | 1 |
| New Richland | Leon Schoenrock | clay loam | conventional | soybean | 146 | 23-Apr | 19-Oct | 33.7 | 243.1 | 200.3 | 19 |
| | | | | | | | | | MNSE | 205.8 | 20 |

Site Description: MNSO (See corn results table on page 11)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|-----------|--------------------------------|--------------|--------------|---------------|----------------------|--------------|----------------|---------------|-------------|---------------|----------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Eyota | Arthur & Paul Wendt | silt loam | conventional | corn | 250 | 2-May | 6-Nov | 33.8 | 224.5 | 209.4 | 18 |
| Jackson | Steve Ryberg | clay loam | conventional | soybean | 143 | 24-Apr | 30-Sep | 33.5 | 214.8 | 200.3 | 18 |
| Kasson | Brian Herbst | silt loam | conventional | soybean | 236 | 27-Apr | 2-Nov | 32.6 | 251.2 | 210.7 | 19 |
| Lamberton | Ed Iverson | clay loam | conventional | soybean | 197 | 3-May | 4-Nov | 32.8 | 215.4 | 198.5 | 2 |
| Mankato | Greg Scheurer | clay loam | conventional | soybean | 156 | 25-Apr | 3-Nov | 33.2 | 213.5 | 221.1 | 1 |
| Nerstrand | Keith, Kurt and Brian Schrader | silt loam | conventional | soybean | 147 | 25-Apr | 7-Nov | 32.3 | 217.2 | 235.2 | 1 |
| | | | | | | | | | MNSO | 222.8 | 1 |

CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2016–2020

| FIRST Region | Average Yield by Year (Bu/A) | | | | | Since Inception | |
|--------------|------------------------------|-------|-------|-------|-------|-----------------|--------|
| | 2020 | 2019 | 2018 | 2017 | 2016 | Bu/A | #Years |
| MNWC | 202.4 | 207.4 | 212.8 | 204.1 | 210.6 | 197.9 | 19 |
| MNEC | 212.6 | 209.8 | 214.9 | 180.3 | – | 203.4 | 4 |
| MNSW | 228.2 | 203.8 | 197.1 | 218.6 | 206.6 | 196.6 | 20 |
| MNSE | 239.1 | 225.1 | 218.3 | 235.5 | 223.4 | 205.8 | 20 |
| MNSO | 222.8 | – | – | – | – | 222.8 | 1 |



Corn Results: MNWC (See site description on page 5)

EARLY-SEASON TEST 93-98 Day CRM | Top 30 of 63 tested

Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Relative Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Gross Income Rank | Results in BOLD are significantly above test average. | | | | | |
|----------------|---------------------|------------|-------------------|--------------|--------------|-------------|---------------------|-------------------|---|-----------|----------------|------------|-------|-----------|
| | | | | | | | | | Clinton | Kerkhoven | Lester Prairie | Montevideo | Sedan | Starbuck* |
| GOLD COUNTRY | 97-14R2P | VT2P | 97 | 216.0 | 15.4 | 0 | \$753 | 1 | 235.4 | 223.2 | 183.3 | 226.2 | 236.9 | 190.9 |
| GOLD COUNTRY | 98-11R2P | VT2PB | 98 | 212.7 | 15.4 | 0 | \$742 | 2 | 226.8 | 239.6 | 184.8 | 211.1 | 230.0 | 184.1 |
| LATHAM | LH 4669 SS RIB | STX,B | 96 | 210.8 | 15.7 | 0 | \$734 | 3 | 221.5 | 220.3 | 186.5 | 199.6 | 233.3 | 203.9 |
| GOLD COUNTRY | 97-75R2P | VT2P | 97 | 209.3 | 15.4 | 0 | \$730 | 4 | 219.3 | 228.0 | 171.5 | 207.4 | 234.0 | 195.7 |
| TITAN PRO | 86-96 2P | VT2PB | 96 | 208.2 | 15.8 | 0 | \$725 | 5 | 233.2 | 218.0 | 216.2 | 207.5 | 208.7 | 165.9 |
| INTEGRA | 4888 VT2PRIB | VT2PB | 98 | 207.7 | 15.2 | 0 | \$725 | 6 | 222.7 | 199.3 | 210.2 | 206.9 | 229.5 | 177.6 |
| DAHLMAN | R49-25VT2PRIB | VT2PB | 98 | 206.8 | 15.5 | 0 | \$720 | 7 | 206.2 | 211.8 | 188.9 | 205.7 | 221.9 | 206.0 |
| ANDERSON | 609R | RR2 | 98 | 206.6 | 15.6 | 0 | \$720 | 8 | 221.0 | 220.3 | 187.2 | 211.4 | 214.4 | 185.4 |
| RENK | RK568VT2P | VT2PB | 95 | 206.5 | 15.5 | 0 | \$720 | 9 | 203.6 | 213.6 | 191.5 | 201.3 | 223.2 | 205.7 |
| FEDERAL | 4580 VT2PRIB | VT2PB | 95 | 206.1 | 15.4 | 0 | \$718 | 10 | 213.5 | 217.2 | 192.6 | 194.7 | 219.0 | 199.6 |
| RENK | RK593VT2PRIB | VT2PB | 97 | 205.3 | 15.4 | 0 | \$716 | 11 | 215.0 | 213.9 | 184.7 | 211.8 | 228.9 | 177.6 |
| PROSEED | 1996 VT2PRIB | VT2PB | 96 | 204.7 | 15.7 | 0 | \$713 | 12 | 227.4 | 199.6 | 187.5 | 200.5 | 222.8 | 190.4 |
| PROSEED | 1998 VT2PRIB | VT2PB | 98 | 204.3 | 15.5 | 0 | \$712 | 13 | 214.9 | 213.2 | 192.9 | 204.4 | 210.0 | 190.7 |
| DEKALB | DKC47-54RIB GC | STX,B | 97 | 204.1 | 16.4 | 0 | \$707 | 20 | 215.2 | 205.0 | 197.5 | 193.8 | 236.2 | 177.1 |
| DAHLMAN | R49-23VT2PRIB | VT2PB | 98 | 203.9 | 15.7 | 0 | \$709 | 16 | 214.4 | 216.8 | 185.4 | 196.2 | 221.8 | 188.6 |
| LATHAM | LH 4657 VT2P RIB | VT2PB | 96 | 203.6 | 15.5 | 0 | \$710 | 15 | 217.8 | 197.1 | 186.5 | 200.5 | 219.2 | 200.7 |
| FEDERAL | 4880 VT2PRIB | VT2PB | 98 | 203.6 | 15.1 | 0 | \$711 | 14 | 213.0 | 201.2 | 189.5 | 200.3 | 217.4 | 200.1 |
| DAIRYLAND | DS-3810Q | QR,B | 98 | 203.4 | 16.2 | 0 | \$706 | 22 | 205.6 | 207.5 | 221.0 | 200.2 | 221.6 | 164.9 |
| ANDERSON | 786VT2P | VT2P | 95 | 203.4 | 15.7 | 0 | \$708 | 17 | 224.6 | 207.0 | 190.5 | 194.2 | 216.0 | 188.1 |
| TITAN PRO | 82-95 2P | VT2PB | 95 | 203.3 | 15.6 | 0 | \$708 | 18 | 222.7 | 212.3 | 201.2 | 200.4 | 215.4 | 168.0 |
| DAHLMAN | R48-28VT2PRIB | VT2PB | 95 | 203.1 | 15.6 | 0 | \$708 | 19 | 214.9 | 217.3 | 195.5 | 187.6 | 211.6 | 192.0 |
| THUNDER | T6996 VT2P | VT2PB | 96 | 202.6 | 15.7 | 0 | \$705 | 23 | 225.2 | 216.7 | 182.8 | 190.8 | 230.7 | 169.4 |
| NORTHSTAR | NS 98-513 STXRIB GC | STX,B | 98 | 202.5 | 15.3 | 0 | \$707 | 21 | 224.0 | 197.5 | 186.8 | 196.8 | 213.0 | 196.6 |
| FEDERAL | 4800 VT2PRIB | VT2PB | 98 | 202.4 | 15.5 | 0 | \$705 | 24 | 210.6 | 202.7 | 186.7 | 196.0 | 226.4 | 191.9 |
| THUNDER | T6098 VT2P | VT2PB | 98 | 201.8 | 15.8 | 0 | \$702 | 27 | 213.8 | 218.6 | 184.0 | 202.9 | 204.7 | 186.9 |
| ROB-SEE-CO | RC4535 GC | 3110 | 95 | 201.7 | 15.4 | 0 | \$704 | 25 | 208.6 | 210.3 | 185.0 | 202.8 | 224.6 | 178.9 |
| PIONEER | P9492AM GC | AM,B | 94 | 201.6 | 15.1 | 0 | \$704 | 26 | 209.3 | 206.1 | 198.0 | 196.7 | 225.4 | 174.4 |
| DYNA-GRO | D37VC64 | VT2P | 97 | 201.0 | 15.1 | 0 | \$702 | 28 | 212.4 | 194.3 | 200.8 | 208.3 | 232.2 | 157.9 |
| INTEGRA | 4509 VT2PRIB | VT2PB | 95 | 200.9 | 15.8 | 0 | \$699 | 29 | 219.6 | 210.5 | 194.0 | 192.3 | 210.5 | 178.2 |
| HEFTY | H4842VT2P | VT2P | 98 | 200.7 | 15.9 | 0 | \$698 | 30 | 206.9 | 212.1 | 195.5 | 205.9 | 223.5 | 160.6 |
| PIONEER | P0075Q CK | QR | 100 | 198.5 | 17.0 | 0 | \$685 | 40 | 200.5 | 210.7 | 182.8 | 192.9 | 221.8 | 182.3 |
| Averages = | | | | 199.0 | 15.6 | 0 | \$693 | | 212.7 | 205.6 | 185.2 | 198.0 | 215.1 | 177.1 |
| LSD (0.10) = | | | | 8.2 | 0.2 | ns | | | 12.1 | 14.3 | 16.9 | 13.9 | 14.2 | 19.5 |

| FULL-SEASON TEST 99-102 Day CRM Top 30 of 47 tested | | | | | | | | | Results in BOLD are significantly above test average. | | | | | |
|---|--------------------|------------|-------------------|--------------|--------------|-------------|---------------------|-------------------|---|-----------|----------------|------------|-------|-----------|
| Company/ Brand | Product/ Brand | Technology | Relative Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Gross Income Rank | Clinton | Kerkhoven | Lester Prairie | Montevideo | Sedan | Starbuck* |
| DYNA-GRO | D43VC81 | VT2P | 102 | 219.3 | 17.2 | 0 | \$755 | 1 | 233.0 | 211.5 | 216.5 | 197.5 | 244.9 | 212.4 |
| DAIRYLAND | DS-4014Q | QR,B | 100 | 216.8 | 17.0 | 0 | \$748 | 3 | 238.9 | 213.6 | 202.0 | 221.6 | 230.6 | 194.0 |
| GOLD COUNTRY | 99-01R2P | VT2P | 99 | 216.0 | 16.3 | 0 | \$749 | 2 | 236.1 | 212.5 | 211.5 | 220.2 | 225.5 | 190.2 |
| AUGUSTA | 2050 GC | VT2P | 100 | 214.7 | 16.1 | 0 | \$746 | 4 | 232.6 | 227.7 | 182.8 | 219.4 | 241.0 | 184.8 |
| TITAN PRO | 92-99 2P | VT2PB | 99 | 214.1 | 15.7 | 0 | \$745 | 5 | 227.8 | 226.1 | 194.4 | 220.5 | 227.2 | 188.8 |
| DYNA-GRO | D40VC41 | VT2P | 100 | 213.9 | 15.9 | 0 | \$744 | 6 | 231.1 | 211.8 | 174.6 | 222.2 | 239.3 | 204.5 |
| DAIRYLAND | DS-4000AMXTRIB | AMXT,B | 100 | 213.7 | 16.8 | 0 | \$739 | 10 | 225.6 | 197.9 | 213.6 | 211.5 | 237.9 | 195.7 |
| THUNDER | T6999 VT2P | VT2PB | 99 | 213.6 | 15.7 | 0 | \$744 | 7 | 219.3 | 211.9 | 205.5 | 200.5 | 233.5 | 211.2 |
| THUNDER | T6100 VT2P | VT2PB | 100 | 213.2 | 15.9 | 0 | \$741 | 8 | 234.8 | 206.2 | 200.8 | 216.3 | 227.9 | 193.3 |
| HEFTY | H4933VT2PDGRIB | VT2PDG,B | 99 | 212.8 | 15.8 | 0 | \$740 | 9 | 235.4 | 222.5 | 196.0 | 200.9 | 237.7 | 184.3 |
| INTEGRA | 5081 DGVT2PRIB | VT2PDG,B | 100 | 212.6 | 16.5 | 0 | \$736 | 11 | 233.5 | 211.8 | 194.0 | 200.9 | 244.8 | 190.6 |
| ENESTVEDT | E600DP RIB | VT2PB | 100 | 211.1 | 16.1 | 0 | \$734 | 12 | 242.6 | 189.9 | 189.0 | 213.6 | 236.4 | 195.4 |
| PIONEER | P9998Q GC | QR | 99 | 211.0 | 16.6 | 0 | \$730 | 13 | 227.3 | 203.4 | 227.0 | 218.4 | 210.7 | 179.0 |
| GOLD COUNTRY | 102-13RSS | STX | 102 | 209.5 | 17.2 | 0 | \$722 | 20 | 225.4 | 210.7 | 182.3 | 209.1 | 239.6 | 190.0 |
| FEDERAL | 5280 VT2PRIB | VT2PB | 102 | 209.1 | 16.4 | 0 | \$725 | 15 | 238.7 | 206.8 | 211.0 | 201.9 | 213.9 | 182.5 |
| HEFTY | H4922VT2PRIB | VT2PB | 99 | 209.1 | 15.8 | 0 | \$727 | 14 | 215.8 | 209.1 | 192.2 | 206.9 | 227.4 | 203.3 |
| FEDERAL | 5110 STX | STX | 101 | 209.0 | 16.5 | 0 | \$724 | 16 | 239.3 | 214.1 | 183.4 | 200.8 | 222.3 | 194.3 |
| RENK | RK626SSTX | STX | 102 | 208.4 | 17.0 | 0 | \$719 | 23 | 232.2 | 199.0 | 199.1 | 226.9 | 208.8 | 184.7 |
| LATHAM | LH 5025 VT2PDG RIB | VT2PDG,B | 100 | 208.4 | 16.4 | 0 | \$722 | 18 | 219.4 | 209.9 | 193.1 | 206.0 | 235.2 | 186.6 |
| DAIRYLAND | DS-4018AM | AM,AQ,B | 101 | 208.4 | 16.5 | 0 | \$722 | 21 | 213.1 | 207.7 | 207.1 | 210.8 | 229.7 | 181.9 |
| TITAN PRO | 22-00 2P | VT2PB | 100 | 208.2 | 16.3 | 0 | \$722 | 19 | 223.2 | 212.3 | 190.2 | 196.9 | 234.4 | 192.1 |
| HEFTY | H5003VT2PDGRIB | VT2PDG,B | 100 | 208.0 | 16.5 | 0 | \$720 | 22 | 219.8 | 212.2 | 198.9 | 203.9 | 220.4 | 192.8 |
| GOLD COUNTRY | 99-30R2P | VT2P | 99 | 206.7 | 15.9 | 0 | \$719 | 24 | 212.9 | 200.9 | 218.6 | 208.5 | 220.0 | 179.1 |
| ENESTVEDT | E699DP RIB | VT2PB | 99 | 206.3 | 15.7 | 0 | \$719 | 25 | 216.0 | 219.5 | 201.3 | 204.1 | 216.1 | 180.9 |
| HEFTY | H5144SS | STX | 101 | 205.7 | 16.3 | 0 | \$714 | 26 | 238.1 | 206.4 | 191.6 | 211.8 | 215.4 | 171.1 |
| RENK | RK600SSTX | STX,B | 100 | 205.3 | 16.4 | 0 | \$711 | 30 | 222.8 | 213.2 | 178.0 | 203.6 | 227.2 | 186.9 |
| LATHAM | LH 4989 SS RIB | STX,B | 99 | 205.1 | 16.3 | 0 | \$712 | 29 | 214.5 | 206.4 | 182.3 | 195.9 | 241.7 | 190.2 |
| RENK | RK579DGV2P | VT2PDG,B | 99 | 204.9 | 16.0 | 0 | \$712 | 28 | 230.8 | 193.7 | 193.4 | 203.0 | 225.4 | 182.9 |
| DAHLMAN | R51-22VT2PRIB | VT2PB | 100 | 204.4 | 15.4 | 0 | \$713 | 27 | 209.9 | 200.8 | 195.0 | 209.3 | 222.3 | 189.3 |
| TITAN PRO | TP 58-01 2P | VT2PB | 101 | 204.0 | 15.8 | 0 | \$709 | 31 | 211.1 | 190.6 | 204.9 | 204.9 | 235.1 | 177.1 |
| PIONEER | P0075Q CK | QR | 100 | 209.6 | 17.1 | 0 | \$723 | 17 | 219.6 | 210.2 | 203.2 | 214.0 | 246.4 | 164.0 |
| Averages = | | | | 207.0 | 16.5 | 0 | \$717 | | 224.3 | 206.9 | 193.8 | 205.5 | 224.7 | 186.4 |
| LSD (0.10) = | | | | 7.2 | 0.2 | ns | | | 13.0 | 12.4 | 17.9 | 12.9 | 15.0 | 13.8 |

* ± 2 replications early-season test

Corn Results: MNEC *(See site description on page 5)*

ALL-SEASON TEST 86-95 Day CRM | Top 30 of 60 tested

Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Relative Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Gross Income Rank | | | | | | |
|----------------|------------------|------------|-------------------|--------------|--------------|-------------|---------------------|-------------------|--------------|--------------|--------------|--------------|--------------|----------------|
| | | | | | | | | | Albany | Clear Lake | Foley | Milaca | Royalton | Taylor's Falls |
| FEDERAL | 4580 VT2PRIB | VT2PB | 95 | 227.1 | 17.8 | 0 | \$779 | 2 | 232.7 | 257.2 | 216.8 | 213.0 | 223.8 | 219.2 |
| DAIRYLAND | DS-3550AM | AM,B | 95 | 226.7 | 18.0 | 0 | \$776 | 4 | 240.1 | 243.0 | 210.1 | 209.8 | 231.3 | 225.8 |
| ENESTVEDT | E640DP RIB | VT2PB | 94 | 226.2 | 16.9 | 0 | \$781 | 1 | 225.0 | 239.1 | 207.6 | 208.4 | 230.4 | 246.9 |
| ANDERSON | 786VT2P | VT2P | 95 | 225.6 | 17.7 | 0 | \$774 | 5 | 225.4 | 253.5 | 210.8 | 208.1 | 231.3 | 224.6 |
| RENK | RK561DGV2PRIB | VT2PDG,B | 95 | 225.2 | 17.8 | 0 | \$772 | 6 | 239.4 | 238.5 | 205.6 | 222.7 | 226.4 | 218.9 |
| THUNDER | T6094 VT2P | VT2PB | 94 | 224.5 | 16.5 | 0 | \$778 | 3 | 208.7 | 244.0 | 205.2 | 209.6 | 231.0 | 248.3 |
| LATHAM | LH 3937 VT2P RIB | VT2PB | 89 | 223.7 | 17.6 | 0 | \$769 | 7 | 207.0 | 248.1 | 194.1 | 218.6 | 234.3 | 240.1 |
| FEDERAL | 4300 VT2PRIB | VT2PB | 93 | 223.3 | 17.7 | 0 | \$767 | 9 | 213.6 | 257.7 | 206.2 | 216.6 | 221.5 | 224.1 |
| RENK | RK499VT2P | VT2P | 94 | 223.1 | 17.4 | 0 | \$768 | 8 | 227.4 | 250.3 | 196.3 | 204.8 | 226.6 | 233.3 |
| TITAN PRO | 82-95 2P | VT2PB | 95 | 222.4 | 17.9 | 0 | \$762 | 11 | 221.4 | 251.4 | 218.9 | 212.9 | 210.9 | 218.6 |
| LATHAM | LH 4375 VT2P RIB | VT2PB | 93 | 222.0 | 16.9 | 0 | \$767 | 10 | 217.6 | 236.4 | 200.5 | 208.1 | 235.1 | 234.0 |
| HEFTY | H4542VT2P | VT2P | 95 | 221.3 | 17.6 | 0 | \$761 | 12 | 224.9 | 240.4 | 207.9 | 212.9 | 211.7 | 229.9 |
| AUGUSTA | 2545 | 5122,B | 95 | 221.2 | 18.2 | 0 | \$756 | 13 | 226.8 | 233.6 | 201.1 | 205.7 | 223.3 | 236.8 |
| PIONEER | P9492AM GC | AM,B | 94 | 219.2 | 17.2 | 0 | \$756 | 14 | 234.7 | 228.1 | 200.1 | 202.8 | 218.7 | 230.7 |
| GOLDEN HARVEST | G95M41-5122-EZR | 5122,B | 95 | 219.0 | 18.3 | 1 | \$749 | 20 | 207.9 | 245.4 | 203.1 | 206.5 | 229.7 | 221.6 |
| THUNDER | T6595 VT2P | VT2PB | 95 | 218.7 | 17.7 | 0 | \$751 | 17 | 218.2 | 238.1 | 211.0 | 193.8 | 222.6 | 228.7 |
| DAHLMAN | R47-26VT2PRIB | VT2PB | 94 | 218.6 | 17.0 | 0 | \$754 | 15 | 222.2 | 240.7 | 190.2 | 202.2 | 219.1 | 237.1 |
| HEFTY | H4144SS | STX | 91 | 218.3 | 17.1 | 0 | \$753 | 16 | 196.0 | 245.5 | 208.4 | 204.8 | 218.2 | 236.9 |
| THUNDER | T6992 VT2P | VT2PB | 92 | 217.8 | 17.3 | 0 | \$750 | 19 | 231.2 | 233.2 | 193.3 | 213.0 | 210.2 | 226.0 |
| LATHAM | LH 4517 VT2P RIB | VT2PB | 95 | 217.8 | 17.3 | 0 | \$750 | 18 | 224.3 | 231.4 | 205.4 | 198.0 | 215.6 | 232.0 |
| NK BRAND | NK9175-3110A | 3110A | 91 | 217.7 | 17.5 | 1 | \$749 | 21 | 207.1 | 224.9 | 204.1 | 229.4 | 214.1 | 226.5 |
| DAHLMAN | R45-25VT2PRIB | VT2PB | 90 | 216.7 | 16.9 | 0 | \$749 | 22 | 214.4 | 228.0 | 200.9 | 220.2 | 207.0 | 229.9 |
| RENK | RK568VT2P | VT2PB | 95 | 216.7 | 17.9 | 0 | \$743 | 24 | 211.8 | 238.8 | 207.6 | 203.0 | 215.9 | 223.2 |
| HEFTY | H4322VT2PRIB | VT2PB | 93 | 215.9 | 17.8 | 0 | \$741 | 28 | 204.4 | 229.8 | 202.5 | 200.4 | 230.5 | 227.9 |
| HEFTY | H4132VT2PRIB | VT2PB | 91 | 215.9 | 17.3 | 0 | \$743 | 23 | 218.3 | 228.9 | 195.5 | 207.9 | 214.8 | 229.9 |
| AUGUSTA | 2541 | 3010A | 91 | 215.7 | 17.5 | 0 | \$741 | 27 | 205.5 | 219.2 | 206.6 | 204.6 | 223.8 | 234.7 |
| DAHLMAN | R48-28VT2PRIB | VT2PB | 95 | 215.0 | 17.5 | 0 | \$739 | 29 | 219.4 | 231.0 | 205.3 | 208.8 | 212.3 | 213.4 |
| GOLD COUNTRY | 90-71R2P | VT2PB | 90 | 214.7 | 16.7 | 0 | \$742 | 26 | 209.4 | 231.5 | 202.4 | 214.7 | 205.8 | 224.1 |
| GOLD COUNTRY | 90-07R2P | VT2P | 90 | 214.4 | 16.4 | 0 | \$743 | 25 | 192.1 | 242.5 | 192.8 | 213.3 | 215.7 | 230.0 |
| DYNA-GRO | D35VC35 GC | VT2P | 95 | 213.8 | 17.0 | 0 | \$738 | 30 | 202.3 | 225.3 | 201.4 | 213.8 | 207.4 | 232.6 |
| Averages = | | | | 212.6 | 17.3 | 1 | \$732 | | 205.4 | 231.2 | 197.5 | 204.3 | 212.0 | 225.4 |
| LSD (0.10) = | | | | 9.2 | 0.4 | 3.3 | | | 18.9 | 13.4 | 11.8 | 10.2 | 15.4 | 10.9 |



Corn Results: MNSW (See site description on page 5)

EARLY-SEASON TEST 97-102 Day CRM | Top 30 of 80 tested Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Relative Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Gross Income Rank | Easton | Jackson | Jeffers | Lamberton | Mankato† | Truman‡ |
|----------------|-----------------|------------|-------------------|--------------|--------------|-------------|---------------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | | | | | | | | | | |
| MILLER HYBRIDS | M00-49 | CONV | 100 | 246.1 | 17.3 | 1 | \$838 | 1 | 280.3 | 260.7 | 227.6 | 230.5 | 241.5 | 236.1 |
| TITAN PRO | 26-00 | 5222,B | 100 | 244.4 | 17.4 | 0 | \$831 | 2 | 275.7 | 257.6 | 216.2 | 248.5 | 266.4 | 201.9 |
| GOLDEN HARVEST | G02K39-5122-EZR | 5122,B | 102 | 241.7 | 17.1 | 4 | \$825 | 3 | 257.0 | 254.1 | 244.0 | 219.8 | 254.3 | 220.8 |
| PIONEER | P9998Q GC | QR | 99 | 240.5 | 16.8 | 1 | \$821 | 4 | 290.3 | 261.9 | 236.8 | 236.1 | 242.3 | 175.5 |
| VIKING | 55-02 | CONV | 102 | 237.7 | 17.2 | 2 | \$810 | 6 | 279.1 | 244.8 | 267.5 | 257.9 | 241.4 | 135.6 |
| DYNA-GRO | D40VC41 | VT2P | 100 | 236.8 | 16.5 | 1 | \$813 | 5 | 255.5 | 251.3 | 246.8 | 235.6 | 231.1 | 200.4 |
| DYNA-GRO | D43VC81 | VT2P | 102 | 236.5 | 16.9 | 0 | \$809 | 7 | 253.0 | 248.5 | 252.6 | 246.6 | 229.0 | 189.2 |
| PIONEER | P0075Q GC | QR | 100 | 235.5 | 16.8 | 0 | \$806 | 9 | 274.7 | 239.1 | 229.4 | 227.4 | 242.4 | 200.2 |
| ANDERSON | 6909 | CONV | 98 | 234.3 | 16.0 | 1 | \$807 | 8 | 276.0 | 237.4 | 225.6 | 230.6 | 244.2 | 192.0 |
| DAIRYLAND | DS-4018AM | AM,AQ,B | 101 | 234.0 | 16.7 | 0 | \$802 | 10 | 281.9 | 242.6 | 233.7 | 203.5 | 239.5 | 202.9 |
| HEINE | 7010 | VT2P | 100 | 233.0 | 16.3 | 1 | \$799 | 11 | 261.9 | 267.7 | 206.3 | 239.7 | 229.1 | 193.2 |
| ANDERSON | 6581 | CONV | 101 | 232.6 | 17.3 | 1 | \$792 | 13 | 270.5 | 240.6 | 229.9 | 241.1 | 230.0 | 183.4 |
| AUGUSTA | 3052 | 5222,B | 102 | 232.3 | 17.9 | 1 | \$785 | 19 | 273.2 | 242.9 | 228.5 | 234.3 | 231.5 | 183.2 |
| HEINE | 7200 | VT2P | 102 | 231.5 | 16.3 | 0 | \$797 | 12 | 257.2 | 232.6 | 228.9 | 237.4 | 220.5 | 212.3 |
| GOLDEN HARVEST | G00H12-5122-EZR | 5122,B | 100 | 231.2 | 17.2 | 1 | \$788 | 17 | 282.7 | 243.4 | 211.3 | 230.5 | 245.6 | 173.4 |
| RENK | RK626SSTX | STX | 102 | 231.0 | 16.8 | 0 | \$790 | 14 | 262.6 | 237.4 | 222.9 | 235.6 | 222.2 | 203.6 |
| HEINE | 6550VT2P | VT2P | 99 | 230.0 | 16.4 | 1 | \$790 | 15 | 254.4 | 240.1 | 221.3 | 239.4 | 255.1 | 169.5 |
| INTEGRA | 5280 VT2PRIB | VT2PB | 102 | 229.5 | 16.4 | 0 | \$788 | 18 | 261.9 | 250.0 | 211.0 | 229.8 | 235.8 | 188.4 |
| TITAN PRO | 92-99 2P | VT2PB | 99 | 229.3 | 16.0 | 1 | \$790 | 16 | 258.2 | 219.0 | 217.5 | 221.4 | 227.1 | 232.6 |
| MILLER HYBRIDS | M02-73BGV | 3220 | 102 | 228.8 | 17.0 | 0 | \$781 | 23 | 283.5 | 251.9 | 229.7 | 223.1 | 246.7 | 138.1 |
| PIONEER | P9772AM GC | AM,B | 97 | 228.5 | 16.7 | 0 | \$782 | 21 | 250.2 | 246.1 | 215.1 | 225.3 | 234.8 | 199.4 |
| DAIRYLAND | DS-4014Q | QR,B | 100 | 227.8 | 17.1 | 0 | \$778 | 27 | 262.4 | 232.3 | 223.5 | 235.8 | 236.9 | 176.1 |
| WYFFELS | W2506RIB | VT2PB | 101 | 227.7 | 16.6 | 1 | \$781 | 24 | 257.1 | 242.8 | 237.7 | 231.8 | 240.6 | 156.2 |
| TITAN PRO | 84-01 VT2PRIB | VT2PB | 101 | 227.6 | 16.5 | 1 | \$780 | 25 | 249.7 | 250.2 | 231.5 | 215.9 | 229.7 | 188.8 |
| RENK | RK695GTCBLLBL | 3220 | 102 | 227.6 | 17.2 | 0 | \$775 | 31 | 275.7 | 245.7 | 230.7 | 213.4 | 243.7 | 156.3 |
| FEDERAL | 5280 CONV | CONV | 101 | 227.3 | 16.5 | 1 | \$780 | 26 | 273.7 | 246.6 | 203.3 | 234.2 | 226.7 | 179.5 |
| NK BRAND | NK0243-5122-EZR | 5122,B | 102 | 227.3 | 16.7 | 2 | \$778 | 29 | 268.2 | 241.8 | 208.5 | 217.7 | 251.6 | 176.1 |
| GOLD COUNTRY | 99-01R2P | VT2P | 99 | 227.2 | 16.1 | 1 | \$781 | 22 | 253.2 | 255.8 | 216.5 | 224.7 | 214.6 | 198.1 |
| HEFTY | H5144SS | STX | 101 | 225.7 | 16.1 | 0 | \$778 | 28 | 257.1 | 226.4 | 224.8 | 219.9 | 242.6 | 183.7 |
| AUGUSTA | 2545 | 5122,B | 95 | 225.7 | 16.2 | 1 | \$776 | 30 | 274.5 | 227.3 | 217.3 | 225.1 | 219.5 | 190.5 |
| DEKALB | DKC52-35RIB CK | VT2PB | 102 | 228.5 | 16.4 | 1 | \$784 | 20 | 273.1 | 259.5 | 216.6 | 205.9 | 226.9 | 189.3 |
| Averages = | | | | 222.3 | 16.5 | 1 | \$762 | | 253.8 | 236.2 | 217.2 | 220.6 | 225.2 | 180.8 |
| LSD (0.10) = | | | | 10.5 | 0.3 | 0.6 | | | 19.8 | 19.3 | 15.7 | 18.7 | 18.3 | 31.9 |

FULL-SEASON TEST 103-107 Day CRM | Top 30 of 60 tested Results in BOLD are significantly above test average.

| | | | | | | | | | | | | | | |
|----------------------|------------------|----------|-----|--------------|-------------|----------|--------------|----|--------------|--------------|--------------|--------------|--------------|--------------|
| INTEGRA | 5719 VT2PRIB | VT2PB | 107 | 261.6 | 18.8 | 0 | \$874 | 2 | 287.2 | 276.0 | 273.6 | 234.4 | 237.1 | 176.5 |
| LATHAM | LH 5725 VT2P RIB | VT2PB | 107 | 260.8 | 18.2 | 0 | \$879 | 1 | 282.8 | 260.9 | 259.1 | 243.9 | 257.3 | 207.2 |
| HEINE | 7550 | STX | 106 | 258.4 | 18.9 | 1 | \$864 | 4 | 293.2 | 246.4 | 252.0 | 234.1 | 266.5 | 201.0 |
| INTEGRA | 5529 VT2PRIB | VT2PB | 105 | 255.7 | 17.7 | 0 | \$867 | 3 | 263.5 | 265.9 | 243.8 | 258.5 | 246.7 | 204.3 |
| GOLDEN HARVEST | G06Q68-5222-EZR | 5222,B | 106 | 255.1 | 18.1 | 0 | \$860 | 5 | 279.9 | 271.4 | 248.3 | 243.6 | 232.2 | 200.9 |
| VIKING | 51-04 | CONV | 104 | 253.9 | 18.2 | 1 | \$855 | 7 | 279.5 | 283.1 | 219.5 | 226.1 | 261.5 | 181.4 |
| TITAN PRO | 24-04 | PC | 104 | 253.8 | 18.4 | 0 | \$853 | 9 | 277.7 | 259.1 | 248.3 | 238.1 | 245.8 | 181.8 |
| RENK | RK710DGV2P | VT2PDG,B | 106 | 253.4 | 17.9 | 0 | \$857 | 6 | 276.0 | 236.3 | 250.6 | 250.4 | 253.5 | 181.9 |
| RENK | RK726H | PC | 106 | 253.3 | 18.6 | 1 | \$850 | 10 | 285.1 | 248.5 | 249.0 | 226.8 | 256.9 | 221.6 |
| GOLD COUNTRY | 106-96RSS | STX,B | 106 | 252.6 | 18.3 | 0 | \$849 | 11 | 271.6 | 271.8 | 239.9 | 243.8 | 235.6 | 194.2 |
| WYFFELS | W4246 | VT2P | 105 | 252.4 | 17.8 | 0 | \$853 | 8 | 299.1 | 267.9 | 239.7 | 212.0 | 243.4 | 166.6 |
| WYFFELS | W4196RIB | VT2PB | 105 | 250.0 | 17.9 | 0 | \$846 | 12 | 271.9 | 241.3 | 236.6 | 246.9 | 253.4 | 179.4 |
| GOLD COUNTRY | 107-84R2P | VT2P | 107 | 248.5 | 17.7 | 1 | \$842 | 14 | 267.6 | 230.5 | 264.8 | 259.8 | 219.6 | 183.4 |
| VIKING | 84-05 | CONV | 105 | 248.4 | 17.6 | 1 | \$843 | 13 | 299.6 | 233.9 | 234.6 | 235.4 | 238.3 | 177.1 |
| NK BRAND | NK0624-5222-EZR | 5222,B | 106 | 248.2 | 18.2 | 0 | \$835 | 16 | 263.1 | 265.2 | 239.9 | 237.3 | 235.8 | 193.3 |
| PIONEER | P0589 CONV GC | CONV | 105 | 247.4 | 17.3 | 1 | \$841 | 15 | 279.5 | 259.9 | 239.6 | 226.5 | 231.3 | 172.0 |
| DAIRYLAND | DS-4310AMRIB | AM,B | 104 | 246.8 | 17.9 | 0 | \$834 | 17 | 273.4 | 245.7 | 243.4 | 244.3 | 227.2 | 170.2 |
| GOLD COUNTRY | 106-09R2P | VT2P | 106 | 244.1 | 17.9 | 0 | \$825 | 18 | 283.3 | 241.1 | 235.4 | 224.5 | 236.4 | 193.0 |
| VIKING | 42-05 | CONV | 105 | 243.1 | 18.0 | 2 | \$821 | 20 | 269.4 | 243.5 | 237.1 | 238.3 | 227.1 | 180.1 |
| LATHAM | LH 5739 SS RIB | STX,B | 107 | 242.8 | 17.9 | 1 | \$820 | 22 | 258.8 | 257.6 | 227.7 | 229.6 | 240.6 | 189.2 |
| ENESTVEDT | E598 | CONV | 106 | 242.6 | 17.7 | 1 | \$822 | 19 | 282.5 | 226.9 | 232.3 | 242.1 | 229.0 | 175.2 |
| HI FIDELITY GENETICS | HFG1071 | CONV | 107 | 242.4 | 17.6 | 1 | \$821 | 21 | 254.3 | 253.3 | 238.5 | 243.6 | 222.0 | 205.3 |
| GOLDEN HARVEST | G03R40-5222-EZR | 5222,B | 103 | 242.1 | 18.6 | 1 | \$811 | 25 | 271.9 | 252.8 | 218.2 | 227.8 | 240.1 | 180.3 |
| INTEGRA | 5351 5122-EZ | 5122,B | 103 | 242.1 | 18.2 | 1 | \$815 | 23 | 287.9 | 236.8 | 236.5 | 234.6 | 214.8 | 157.7 |
| HEFTY | H5524SSRIB | STX,B | 105 | 241.1 | 17.8 | 1 | \$815 | 24 | 293.7 | 246.3 | 216.9 | 212.3 | 236.3 | 144.5 |
| HEINE | 7570 | STX | 105 | 239.2 | 17.9 | 1 | \$809 | 27 | 275.5 | 237.4 | 233.9 | 214.3 | 235.2 | 179.2 |
| NK BRAND | NK0472-5222-EZR | 5222,B | 104 | 239.2 | 18.4 | 0 | \$804 | 30 | 267.2 | 234.3 | 228.0 | 214.2 | 252.3 | 185.2 |
| HEFTY | H5522VT2PRIB | VT2PB | 105 | 239.1 | 17.5 | 0 | \$810 | 26 | 263.5 | 260.0 | 231.1 | 203.5 | 237.6 | 157.4 |
| GOLD COUNTRY | 104-11 | CONV | 104 | 237.9 | 17.4 | 1 | \$807 | 28 | 264.3 | 256.5 | 219.5 | 246.3 | 203.1 | 184.3 |
| HEINE | 7450 | VT2P | 104 | 237.2 | 17.2 | 1 | \$806 | 29 | 262.2 | 255.9 | 222.3 | 227.7 | 217.9 | 168.8 |
| DEKALB | DKC52-35RIB CK | VT2PB | 102 | 219.4 | 16.9 | 0 | \$748 | 55 | 238.4 | 234.0 | 211.5 | 210.9 | 202.4 | 170.1 |
| Averages = | | | | 237.8 | 17.8 | 1 | \$804 | | 267.6 | 241.5 | 228.6 | 224.3 | 227.8 | 176.7 |
| LSD (0.10) = | | | | 10.3 | 0.3 | 0.6 | | | 18.1 | 21.3 | 15.6 | 22.1 | 24.7 | 30.1 |

‡ 2 replications full-season test (Mankato), 2 replications early-season test (Truman); * full-season test results rejected, not included in summary

Corn Results: MNSE (See site description on page 6)

EARLY-SEASON TEST 97-102 Day CRM | Top 30 of 71 tested

Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Relative Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Gross Income Rank | Cannon Falls* | Dexter** | Eyota | Kasson | Nerstrand | New Richland |
|----------------------|-----------------|------------|-------------------|--------------|--------------|-------------|---------------------|-------------------|---------------|--------------|--------------|--------------|--------------|--------------|
| FEDERAL | 5280 VT2PRIB | VT2PB | 102 | 260.5 | 16.3 | 0 | \$898 | 1 | — | 195.3 | 263.8 | 288.0 | 242.9 | 247.4 |
| GOLDEN HARVEST | G02K39-5122-EZR | 5122,B | 102 | 259.3 | 16.9 | 4 | \$887 | 2 | — | 181.8 | 239.1 | 281.4 | 239.3 | 277.3 |
| AUGUSTA | 3052 | 5222,B | 102 | 258.5 | 17.9 | 1 | \$874 | 7 | — | 190.4 | 236.3 | 290.1 | 240.5 | 267.1 |
| NUTECH | 58B1Q | QR | 98 | 256.2 | 16.0 | 1 | \$886 | 5 | — | 199.1 | 262.9 | 279.5 | 233.6 | 248.7 |
| DAIRYLAND | DS-3715AMRIB | AM,B | 97 | 256.0 | 15.9 | 0 | \$887 | 4 | — | 197.8 | 245.6 | 271.6 | 245.5 | 261.3 |
| ANDERSON | 609R | RR2 | 98 | 255.8 | 15.8 | 1 | \$887 | 3 | — | 189.0 | 256.2 | 270.1 | 249.8 | 247.2 |
| WYFFELS | W2506RIB | VT2PB | 101 | 253.9 | 15.9 | 1 | \$879 | 6 | — | 202.6 | 258.8 | 298.1 | 213.2 | 245.4 |
| DYNA-GRO | D43VC81 | VT2P | 102 | 253.6 | 16.8 | 1 | \$869 | 8 | — | 174.3 | 250.2 | 292.4 | 218.6 | 253.2 |
| RENK | RK695GTCBLLBL | 3220 | 102 | 252.8 | 17.3 | 0 | \$861 | 9 | — | 181.1 | 254.3 | 260.7 | 225.7 | 270.6 |
| HI FIDELITY GENETICS | HFG1001 | CONV | 100 | 251.0 | 17.0 | 1 | \$858 | 10 | — | 210.6 | 271.5 | 284.4 | 211.5 | 236.6 |
| NK BRAND | NK0243-5122-EZR | 5122,B | 102 | 249.8 | 16.9 | 2 | \$854 | 12 | — | 169.3 | 230.1 | 270.7 | 229.2 | 269.0 |
| TITAN PRO | 26-00 | 5222,B | 100 | 248.7 | 17.3 | 2 | \$847 | 16 | — | 177.3 | 243.1 | 269.8 | 243.5 | 238.5 |
| DAIRYLAND | DS-4018AM | AM,AQ,B | 101 | 248.5 | 16.7 | 0 | \$852 | 13 | — | 186.4 | 252.3 | 283.2 | 213.2 | 245.3 |
| NUTECH | 62A8Q | QR,B | 102 | 246.8 | 16.7 | 0 | \$847 | 17 | — | 205.6 | 250.6 | 252.9 | 230.8 | 252.8 |
| FEDERAL | 5280 CONV | CONV | 101 | 246.8 | 16.1 | 1 | \$852 | 14 | — | 213.2 | 252.5 | 259.6 | 213.3 | 261.8 |
| NK BRAND | NK9991-5122-EZR | 5122,B | 99 | 246.8 | 16.7 | 1 | \$846 | 20 | — | 178.2 | 240.9 | 259.2 | 232.0 | 255.0 |
| GOLD COUNTRY | 97-14R2P | VT2P | 97 | 246.4 | 15.6 | 1 | \$856 | 11 | — | 179.4 | 247.6 | 251.7 | 235.1 | 251.0 |
| FEDERAL | 4990 VT2PRIB | VT2PB | 99 | 246.3 | 16.0 | 1 | \$851 | 15 | — | 190.9 | 250.8 | 281.3 | 217.8 | 235.4 |
| VIKING | 55-02 | CONV | 102 | 245.8 | 17.1 | 1 | \$839 | 22 | — | 234.8 | 242.2 | 287.7 | 225.3 | 228.2 |
| NUTECH | E57C1CYFR | QR | 97 | 245.2 | 16.2 | 0 | \$846 | 18 | — | 191.9 | 248.8 | 264.4 | 228.3 | 239.3 |
| WYFFELS | W3018 | STX | 102 | 245.0 | 16.4 | 1 | \$843 | 21 | — | 179.1 | 249.1 | 266.4 | 207.0 | 257.6 |
| NUTECH | 57B3AM | AM,B | 97 | 244.7 | 16.0 | 0 | \$846 | 19 | — | 222.4 | 247.9 | 269.2 | 220.3 | 241.5 |
| NUTECH | 5F-601AM | AM,B | 101 | 244.4 | 16.8 | 1 | \$837 | 23 | — | 191.0 | 246.9 | 261.3 | 223.2 | 246.0 |
| DAIRYLAND | DS-4000AMXTRIB | AMXT,B | 100 | 244.1 | 16.9 | 1 | \$835 | 25 | — | 172.1 | 255.7 | 265.4 | 220.3 | 235.0 |
| DAIRYLAND | DS-4014Q | QR,B | 100 | 243.4 | 16.9 | 0 | \$834 | 26 | — | 182.5 | 255.0 | 242.3 | 232.2 | 244.1 |
| GOLDEN HARVEST | G99E68-5122-EZR | 5122,B | 99 | 242.7 | 16.7 | 1 | \$832 | 27 | — | 185.3 | 236.8 | 263.9 | 222.3 | 247.9 |
| DAIRYLAND | DS-3810Q | QR,B | 98 | 241.4 | 16.8 | 0 | \$828 | 30 | — | 198.0 | 247.7 | 251.1 | 234.2 | 232.6 |
| VIKING | 52-00 | CONV | 100 | 240.6 | 16.0 | 3 | \$832 | 28 | — | 198.6 | 215.7 | 268.4 | 233.3 | 244.9 |
| TITAN PRO | 84-01 VT2PRIB | VT2PB | 101 | 240.1 | 16.2 | 0 | \$828 | 29 | — | 202.2 | 229.3 | 272.0 | 203.7 | 255.5 |
| TITAN PRO | 92-99 2P | VT2PB | 99 | 239.9 | 15.2 | 1 | \$835 | 24 | — | 169.2 | 230.4 | 267.1 | 226.8 | 235.3 |
| DEKALB | DKC52-35RIB CK | VT2PB | 102 | 238.6 | 16.2 | 1 | \$824 | 33 | — | 186.2 | 230.9 | 251.1 | 220.8 | 251.5 |
| Averages = | | | | 236.2 | 16.2 | 1 | \$815 | | | 182.5 | 234.9 | 258.0 | 219.0 | 233.3 |
| LSD (0.10) = | | | | 11.4 | 0.3 | 1.3 | | | | 18.9 | 21.3 | 17.1 | 16.2 | 20.7 |

FULL-SEASON TEST 103-107 Day CRM | Top 30 of 60 tested

Results in BOLD are significantly above test average.

| | | | | | | | | | | | | | | |
|----------------------|------------------|----------|-----|--------------|------|---|-------|----|---|--------------|--------------|--------------|--------------|--------------|
| LATHAM | LH 5725 VT2P RIB | VT2PB | 107 | 274.3 | 18.9 | 0 | \$916 | 1 | — | 210.9 | 277.8 | 298.5 | 239.4 | 281.3 |
| PIONEER | P0589 GC | AQ | 105 | 265.1 | 18.0 | 2 | \$897 | 2 | — | 212.5 | 264.5 | 266.0 | 249.2 | 280.7 |
| WYFFELS | W4196RIB | VT2PB | 105 | 263.0 | 18.3 | 0 | \$885 | 3 | — | 201.1 | 240.2 | 290.6 | 257.4 | 264.0 |
| GOLD COUNTRY | 106-96RSS | STX,B | 106 | 262.4 | 19.0 | 0 | \$876 | 4 | — | 204.2 | 255.2 | 286.6 | 229.4 | 278.3 |
| DAIRYLAND | DS-4310AMRIB | AM,B | 104 | 259.1 | 18.4 | 2 | \$872 | 5 | — | 187.8 | 254.2 | 276.2 | 219.4 | 286.8 |
| RENK | RK726H | PC | 106 | 256.3 | 19.2 | 1 | \$853 | 8 | — | 202.3 | 229.3 | 265.1 | 233.4 | 297.3 |
| RENK | RK710DGV2P | VT2PDG,B | 106 | 256.1 | 18.5 | 4 | \$860 | 6 | — | 209.9 | 257.3 | 271.9 | 227.2 | 267.9 |
| TITAN PRO | 24-04 | PC | 104 | 255.3 | 19.3 | 4 | \$850 | 9 | — | 243.7 | 249.3 | 255.9 | 233.7 | 282.4 |
| NUTECH | 64D1YHR | AM,B | 104 | 255.2 | 18.4 | 1 | \$858 | 7 | — | 181.1 | 251.6 | 276.6 | 225.7 | 266.8 |
| VIKING | 51-04 | CONV | 104 | 252.2 | 18.9 | 1 | \$844 | 11 | — | 206.0 | 235.6 | 255.9 | 238.5 | 278.9 |
| HEFTY | H5522VT2PRIB | VT2PB | 105 | 251.2 | 17.9 | 1 | \$849 | 10 | — | 196.2 | 247.4 | 276.8 | 214.2 | 266.3 |
| TITAN PRO | 26-03 5222 | 5222,B | 103 | 250.4 | 19.0 | 1 | \$836 | 17 | — | 163.3 | 233.8 | 270.9 | 230.1 | 266.7 |
| NORTHSTAR | NS 104-321 | 5122,B | 104 | 249.9 | 18.9 | 1 | \$836 | 16 | — | 182.9 | 233.6 | 257.1 | 239.2 | 269.7 |
| HI FIDELITY GENETICS | HFG1071 | CONV | 107 | 249.9 | 18.1 | 1 | \$844 | 12 | — | 196.5 | 240.6 | 284.6 | 213.2 | 261.2 |
| GOLD COUNTRY | 104-11 | CONV | 104 | 248.9 | 17.9 | 1 | \$842 | 13 | — | 197.2 | 249.9 | 275.9 | 223.9 | 246.0 |
| NUTECH | 68A7AM | AM,B | 107 | 248.6 | 19.3 | 0 | \$827 | 22 | — | 223.3 | 226.8 | 269.4 | 224.4 | 273.7 |
| WYFFELS | W4246 | VT2P | 105 | 248.2 | 18.0 | 0 | \$838 | 14 | — | 210.4 | 209.7 | 277.7 | 233.7 | 271.6 |
| NK BRAND | NK0472-5222-EZR | 5222,B | 104 | 248.0 | 19.1 | 1 | \$827 | 20 | — | 176.6 | 217.5 | 277.5 | 223.4 | 273.7 |
| RENK | RK700SSTX | STX | 107 | 246.6 | 19.3 | 1 | \$820 | 25 | — | 196.5 | 225.7 | 283.0 | 213.5 | 264.3 |
| NORTHSTAR | NS 106-186SSRIB | STX,B | 106 | 246.3 | 18.0 | 1 | \$831 | 18 | — | 194.4 | 232.8 | 280.6 | 217.7 | 254.1 |
| DEKALB | DKC54-64RIB GC | STX,B | 104 | 245.3 | 18.1 | 1 | \$827 | 21 | — | 159.1 | 251.0 | 275.7 | 199.7 | 254.8 |
| NUTECH | 63C4Q | QR,B | 103 | 244.6 | 17.8 | 2 | \$829 | 19 | — | 200.9 | 231.6 | 268.4 | 224.6 | 253.9 |
| TITAN PRO | 84-03 2P | VT2PB | 103 | 244.2 | 16.8 | 1 | \$837 | 15 | — | 205.5 | 224.9 | 261.7 | 224.5 | 265.6 |
| HEFTY | H5624SSRIB | STX,B | 106 | 243.9 | 18.4 | 2 | \$819 | 28 | — | 206.5 | 223.8 | 277.0 | 217.5 | 257.4 |
| VIKING | 42-05 | CONV | 105 | 243.6 | 18.3 | 1 | \$820 | 27 | — | 198.6 | 252.4 | 250.6 | 226.0 | 245.3 |
| GOLD COUNTRY | 107-84R2P | VT2P | 107 | 243.3 | 17.7 | 2 | \$825 | 24 | — | 206.7 | 228.2 | 281.0 | 216.5 | 247.5 |
| DYNA-GRO | D44SS54 | STX | 104 | 243.0 | 18.4 | 1 | \$817 | 30 | — | 173.4 | 250.8 | 274.7 | 202.7 | 243.7 |
| GOLD COUNTRY | 106-09R2P | VT2P | 106 | 243.0 | 18.3 | 2 | \$818 | 29 | — | 185.3 | 229.5 | 255.0 | 230.9 | 256.5 |
| ENESTVEDT | E539 | CONV | 103 | 242.2 | 17.1 | 1 | \$826 | 23 | — | 198.0 | 229.3 | 276.0 | 217.3 | 246.1 |
| RENK | RK642VT2P | VT2PB | 103 | 240.1 | 17.1 | 0 | \$820 | 26 | — | 196.1 | 220.1 | 249.2 | 231.4 | 259.8 |
| DEKALB | DKC52-35RIB CK | VT2PB | 102 | 231.1 | 17.2 | 1 | \$789 | 48 | — | 165.0 | 230.3 | 247.3 | 216.2 | 230.5 |
| Averages = | | | | 242.4 | 18.2 | 2 | \$817 | | | 194.7 | 231.7 | 264.4 | 218.5 | 254.9 |
| LSD (0.10) = | | | | 13.0 | 0.4 | 4 | | | | 18.9 | 19.7 | 19.2 | 19.5 | 20.7 |

* Cannon Falls: lost to severe lodging damage; ** damaged by sprayer tracks, not included in summary.

Corn Results: **MNSO** (See site description on page 6)

ULTRA EARLY-SEASON TEST 92-96 Day CRM | Top 30 of 48 tested

Results in **BOLD** are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Relative Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Gross Income Rank | Results in BOLD are significantly above test average. | | | | | |
|----------------------|------------------|------------|-------------------|--------------|--------------|-------------|---------------------|-------------------|---|--------------|--------------|--------------|--------------|--------------|
| | | | | | | | | | Eyota | Jackson | Kasson | Lamberton | Mankato | Nerstrand |
| HEFTY | H4612VT2PRIB | VT2PB | 96 | 260.2 | 19.7 | 1 | \$860 | 1 | 263.4 | 261.7 | 298.3 | 254.6 | 230.6 | 252.9 |
| GOLDEN HARVEST | G95M41-5122-EZR | 5122,B | 95 | 242.0 | 16.0 | 1 | \$835 | 2 | 232.8 | 228.5 | 285.1 | 223.1 | 242.5 | 240.2 |
| TITAN PRO | 86-96 2P | VT2PB | 96 | 239.7 | 15.5 | 0 | \$831 | 3 | 239.9 | 228.1 | 266.9 | 234.3 | 232.3 | 237.0 |
| NK BRAND | NK9610-5122-EZR | 5122,B | 96 | 239.6 | 15.8 | 2 | \$828 | 4 | 249.9 | 223.6 | 281.8 | 196.6 | 235.1 | 250.4 |
| NUTECH | 56A7Q | QR,B | 96 | 238.3 | 16.6 | 0 | \$818 | 6 | 257.3 | 220.6 | 271.3 | 245.0 | 211.5 | 224.2 |
| HI FIDELITY GENETICS | HFG0951 | CONV | 95 | 236.8 | 15.9 | 1 | \$819 | 5 | 260.4 | 200.0 | 263.0 | 205.9 | 238.0 | 253.6 |
| VIKING | 46-96 | CONV | 96 | 234.4 | 15.8 | 1 | \$810 | 7 | 246.7 | 213.7 | 268.9 | 218.0 | 218.1 | 240.7 |
| NK BRAND | NK9175-3110A | 3110A | 91 | 233.3 | 15.6 | 1 | \$807 | 8 | 250.9 | 230.0 | 238.6 | 235.9 | 226.4 | 218.0 |
| NUTECH | 5F-196AM | AM,B | 96 | 233.3 | 16.2 | 1 | \$804 | 9 | 218.7 | 197.3 | 298.9 | 228.1 | 225.4 | 231.2 |
| TITAN PRO | 85-96 | CONV | 96 | 232.0 | 16.0 | 1 | \$801 | 10 | 225.5 | 206.8 | 254.8 | 254.1 | 210.1 | 240.5 |
| DAIRYLAND | DS-3550AM | AM,B | 95 | 232.0 | 16.2 | 2 | \$800 | 11 | 240.4 | 211.6 | 263.5 | 233.3 | 215.0 | 227.9 |
| NK BRAND | NK9227-5222A-EZR | 5222A,B | 92 | 231.0 | 15.9 | 1 | \$797 | 14 | 228.8 | 233.7 | 260.5 | 221.6 | 230.8 | 210.9 |
| AUGUSTA | 2541 GC | 3010A | 91 | 230.9 | 15.8 | 1 | \$798 | 13 | 246.2 | 218.2 | 246.8 | 226.9 | 224.2 | 222.8 |
| HI FIDELITY GENETICS | HFG0921 | CONV | 92 | 230.5 | 15.6 | 2 | \$799 | 12 | 243.6 | 209.3 | 256.8 | 211.6 | 231.3 | 230.4 |
| AUGUSTA | 2545 | 5122,B | 95 | 230.3 | 15.9 | 1 | \$794 | 15 | 216.1 | 225.5 | 270.7 | 224.6 | 221.7 | 223.0 |
| HEFTY | H4522VT2PRIB | VT2PB | 95 | 229.5 | 15.9 | 0 | \$792 | 16 | 235.0 | 193.0 | 258.3 | 229.8 | 218.5 | 242.5 |
| FEDERAL | 4680 VT2PRIB | VT2PB | 96 | 227.9 | 15.5 | 1 | \$789 | 17 | 252.5 | 237.8 | 232.1 | 197.9 | 228.1 | 219.0 |
| FEDERAL | 4300 VT2PRIB | VT2PB | 93 | 227.8 | 15.4 | 0 | \$789 | 18 | 223.1 | 229.2 | 250.6 | 226.7 | 209.6 | 227.5 |
| HEFTY | H4542VT2P | VT2P | 95 | 227.1 | 16.0 | 1 | \$783 | 20 | 226.7 | 225.9 | 245.1 | 233.0 | 207.7 | 224.2 |
| PIONEER | P9492AM GC | AM,B | 94 | 227.0 | 15.6 | 0 | \$785 | 19 | 242.9 | 231.7 | 245.5 | 206.7 | 216.8 | 218.6 |
| HEFTY | H4332VT2PRIB | VT2PB | 93 | 224.9 | 15.8 | 0 | \$776 | 21 | 214.3 | 217.4 | 248.6 | 226.7 | 216.8 | 225.3 |
| LATHAM | LH 4657 VT2P RIB | VT2PB | 96 | 224.5 | 16.0 | 1 | \$775 | 23 | 212.1 | 201.4 | 270.4 | 216.9 | 223.0 | 223.2 |
| ANDERSON | 7422 | CONV | 92 | 224.2 | 15.6 | 1 | \$776 | 22 | 233.8 | 213.1 | 231.3 | 230.8 | 206.4 | 229.7 |
| AUGUSTA | 2345 | 3220,B | 95 | 224.1 | 16.1 | 1 | \$773 | 26 | 227.7 | 218.3 | 266.0 | 203.8 | 217.6 | 211.5 |
| DAIRYLAND | DS-3366Q | QR,B | 93 | 223.3 | 15.5 | 2 | \$773 | 25 | 222.6 | 228.5 | 244.9 | 206.8 | 226.4 | 210.5 |
| LATHAM | LH 4517 VT2P RIB | VT2PB | 95 | 223.1 | 15.2 | 1 | \$773 | 24 | 231.9 | 217.2 | 245.5 | 209.8 | 215.0 | 219.4 |
| VIKING | 42-92 | CONV | 92 | 223.0 | 15.5 | 0 | \$772 | 27 | 233.4 | 205.9 | 234.8 | 226.6 | 226.3 | 211.2 |
| WYFFELS | W1546 | VT2P | 96 | 223.0 | 15.6 | 0 | \$772 | 28 | 218.9 | 209.7 | 269.3 | 209.5 | 210.1 | 220.8 |
| DAIRYLAND | DS-3519AM | AM,B | 96 | 221.8 | 15.9 | 1 | \$767 | 29 | 213.9 | 212.1 | 254.5 | 210.1 | 219.7 | 220.7 |
| DYNA-GRO | D35VC35 | VT2P | 95 | 220.9 | 15.3 | 1 | \$766 | 30 | 229.1 | 196.6 | 269.8 | 191.1 | 232.8 | 206.1 |
| Averages = | | | | 222.8 | 15.8 | 1 | \$769 | | 224.3 | 214.6 | 251.0 | 215.4 | 213.9 | 217.2 |
| LSD (0.10) = | | | | 9.9 | 0.3 | 0.9 | | | 22.5 | 21.2 | 19.2 | 19.2 | 21.4 | 17.0 |

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CORN PRODUCTS TESTED


| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|--|------------|----------|-----|---------------|---|
| ANDERSON Anderson Seeds www.andersonseeds.com 37825 County Rd, 63 St, Peter, MN 56082 (507) 246-5032 | | | | | |
| | | | | |  |
| 609R | RR2 | 98 | N | MQ | MNSEa, MNWCa |
| 609VT2P | VT2PB | 98 | Y | CM,C2,Vi | MNSWa |
| 611R | RR2 | 100 | N | MQ | MNSWa |
| 611SRC | STX,B | 100 | Y | AC | MNSEa |
| 611VT2P | VT2PB | 100 | Y | AC | MNSEa, MNWcb |
| 6581 | CONV | 101 | N | MQ | MNSWa |
| 6811 | CONV | 100 | N | MQ | MNSWa |
| 6898 | CONV | 98 | N | MQ | MNSEa |
| 6909 | CONV | 98 | N | MQ | MNSWa |
| 7422 | CONV | 92 | N | MQ | MNSOu |
| 742R | RR2 | 92 | N | MQ | MNEC |
| 745SRC | STX | 97 | N | AC | MNSEa, MNWCa |
| 7865 | CONV | 95 | N | MQ | MNSOu |
| 786VT2P | VT2P | 95 | N | AC | MNEC, MNWCa |
| AUGUSTA Augusta Seed Corporation www.augustaseed.com PO Box 899, Verona, VA 24482 (540) 886-6055 | | | | | |
| | | | | |  |
| 2050 | VT2P | 100 | N | AC,P5V | IANOu, MIS0a, MNSEa, NCTSa, WICEb, WIS0a |
| 2345 | 3220,B | 95 | Y | C2 | MNSEa, MNSOu, WICEa |
| 2541 | 3010A | 91 | N | C2 | MNEC, WICEa |
| 2545 | 5122,B | 95 | Y | AVC,C2 | IANOu, MNEC, MNSOu, MNSWa, MNWCa, WICEa |
| 2756 GC | 3000GT | 106 | N | CM,C2 | MNSEb |
| 2843 GC | 3110 | 93 | N | CM,C2 | MNWCa |
| 2856 GC | 3220,B | 106 | Y | AVC,C2 | MNSEb |
| 3052 | 5222,B | 102 | Y | AVC | MNSEa, MNSWa, WICEb |
| 3053 | 5222,B | 103 | Y | AVC,C2 | IANWa, MISOb, MNSEb, NCTSa, OHNWa, WIS0a |
| 4757 GC | VT2P | 107 | N | AC,P5V | ILECa, MNSEb, WISOb |
| CHANNEL Channel Brand (Bayer CropScience) www.channel.com 800 N Lindbergh Blvd, St. Louis, MO 63167 (800) 768-6387 | | | | | |
| | | | | |  |
| 199-11SXTRIB | STX,B | 99 | Y | AC,P5V,EDC-EL | MNSEa, WICEb, WIS0a |
| 200-67VT2PRIB | VT2PB | 100 | Y | AC,P5V,EDC-EL | MNSEa, WICEb |
| DAHLMAN Dahلمان Seed Company LLP www.dahلمانseed.com 73504 200th St, Dassel, MN 55325 (800) 289-7333 | | | | | |
| | | | | |  |
| R45-25VT2PRIB | VT2PB | 90 | Y | AC250 | MNEC, RRS0a |
| R45-28VT2PRIB | VT2PB | 90 | Y | AC250 | MNEC, RRS0a |
| R47-26VT2PRIB | VT2PB | 94 | Y | AC250 | MNEC, MNWCa, RRSOb |
| R48-28VT2PRIB | VT2PB | 95 | Y | AC250 | MNEC, MNWCa, RRSOb |
| R49-23VT2PRIB | VT2PB | 98 | Y | AC250 | MNWCa |
| R49-25VT2PRIB | VT2PB | 98 | Y | AC250 | MNWCa |
| R51-22VT2PRIB | VT2PB | 100 | Y | AC250 | MNWcb |
| R52-24VT2PRIB | VT2PB | 103 | Y | AC250 | MNWcb |
| DAIRYLAND Dairyland Seed Co., Inc. (Corteva Agriscience) www.dairylandseed.com PO Box 958, West Bend, WI 53095 (800) 236-0163 | | | | | |
| | | | | |  |
| DS-3162Q | QR,B | 91 | Y | Lum,P1V | MNEC, RRCEb, RRSOb, SDNEa |
| DS-3193AM | AM,B | 91 | Y | Lum,P1V | MNEC, RRCEb, RRSOb, SDNEa |
| DS-3345AM | AM,B | 93 | Y | Lum,P1V | MNEC, MNSOu, RRSOb, SDNEa |
| DS-3366Q | QR,B | 93 | Y | Lum,P1V | MNEC, MNSOu, RRSOb, SDNEa |
| DS-3519AM | AM,B | 96 | Y | Lum,P1V | MNSOu, MNWCa, WICEa |
| DS-3550AM | AM | 95 | Y | Lum,P5V | MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa |
| DS-3715AMRIB | AM,B | 97 | Y | Lum,P5V | MIS0a, MNSEa, MNWCa, SDNEb, WICEa |
| DS-3750AMRIB | AM,B | 97 | Y | Lum,P1V | MNSWa, MNWCa, SDNEb, WICEa |
| DS-3810Q | QR,B | 98 | Y | Lum,P1V | MIS0a, MNSEa, MNSWa, MNWCa, SDNEb, SDSEa, WICEa |

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|---|------------|----------|-----|---------------|---|
| DS-4000AMXTRIB | AMXT,B | 100 | Y | Lum,P1V | MIS0a, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb |
| DS-4014Q | QR,B | 100 | Y | Lum,P1V | MIS0a, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb, WIS0a |
| DS-4018AM | AM,AQ,B | 101 | Y | Lum,P5V | ILNOu, MIS0a, MNSEa, MNSWa, MNWcb, NCTSa, SDSEa, WICEb, WIS0a |
| DS-4310AMRIB | AM,B | 104 | Y | Lum,P5V | ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WIS0a |
| DS-4440AM | AM,B | 104 | Y | Lum,P5V | ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WIS0a |
| DS-4580Q | QR,B | 104 | Y | Lum,P5V | ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WIS0a |
| DEKALB DeKalb Brand (Bayer CropScience) www.dekalb.com 800 N Lindbergh Blvd, St. Louis, MO 63167 (800) 768-6387 | | | | | |
| | | | | |  |
| DKC47-54RIB GC | STX,B | 97 | Y | AC,P5V,EDC-EL | MNSEa, MNSWa, MNWCa |
| DKC50-08RIB GC | STX,B | 100 | Y | ACb | MNSWa |
| DKC52-35RIB CK | VT2PB | 102 | Y | AC,P5V,EDC-EL | MNSEa, MNSEb, MNSWa, MNSWb |
| DKC54-38RIB GC | STX,B | 104 | Y | AC,P5V,EDC-B | IANCa, MNSEb |
| DKC54-64RIB GC | STX,B | 104 | Y | AC,P5V,EDC-EL | ILNOu, MNSEb, MNSWb |
| DKC55-53RIB GC | STX,B | 105 | Y | AC,P5V,EDC-EL | IANCa, INCEa, MNSEb, MNSWb, WISOb |
| DYNA-GRO Dyna-Gro Seed (Nutrien Ag Solutions) www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538 (970) 685-3300 | | | | | |
| | | | | |  |
| D35VC35 | VT2P | 95 | N | AC,P5V,EDC-B | MNSOu, RRSOb, SDNEa |
| D37VC64 | VT2P | 97 | N | AC,P5V,EDC-B | MNSWa |
| D40VC41 | VT2P | 100 | N | AC,P5V,EDC-B | MNSEa, MNSWa, MNWcb, SDNEb, SDSEa |
| D43VC81 | VT2P | 102 | N | AC,P5V,EDC-B | IANWa, MIS0a, MNSEa, MNSWa, MNWcb, SDSEa |
| D44SS54 | STX | 104 | N | AC,P5V,EDC-B | MNSEb, NCTSa, WIS0a |
| ENESTVEDT Enestvedt Seed Company www.enestvedtseeds.com 75802 County Rd 12, Sacred Heart, MN 56285 (320) 765-2728 | | | | | |
| | | | | |  |
| E539 | CONV | 103 | N | CM,C2,Vi | MNSEb, MNSWb |
| E598 | CONV | 106 | N | CM,C2,Vi | MNSWb |
| E600DP RIB | VT2PB | 100 | Y | AC,P5V | MNSWa, MNWcb |
| E612RR | RR2 | 92 | N | CM,MQ,C2 | MNEC, RRSOb |
| E640DP RIB | VT2PB | 94 | Y | AC,P5V | MNEC, MNWCa |
| E658DP RIB | VT2PB | 96 | Y | AC,P2 | MNSEa, MNSWa, MNWCa |
| E660SS RIB | STX,B | 97 | Y | AC,P5V | MNSWa, MNWCa |
| E696SS RIB | STX,B | 100 | Y | AC,P5V | MNSEa, MNSWa, MNWcb |
| E699DP RIB | VT2PB | 99 | Y | AC,P2 | MNSEa, MNSWa, MNWcb |
| EPLEY Epley Bros. Hybrids, Inc. 22494 Yale Ave, Shell Rock, IA 50670 (800) 728-6293 | | | | | |
| | | | | |  |
| E1040 GC | CONV | 100 | N | VI5 | MNSWa |
| FEDERAL Federal Hybrids www.federalhybrids.com 209 3rd St NE, West Bend, IA 50597 (515) 887-5888 | | | | | |
| | | | | |  |
| 4300 VT2PRIB | VT2PB | 93 | Y | AC,P2,MAG | MNEC, MNSOu, SDNEa |
| 4580 VT2PRIB | VT2PB | 95 | Y | AC,P2,MAG | IANOu, MNEC, MNWCa, WICEa |
| 4680 VT2PRIB | VT2PB | 96 | Y | AC,P2,MAG | MNSOu, SDNEb, WICEa |
| 4700 STXRIB | STX,B | 97 | Y | AC,P5V,MAG | MNSEa, SDNEb, WICEa |
| 4800 VT2PRIB | VT2PB | 98 | Y | AC,P2 | MNWCa, SDNEb |
| 4880 VT2PRIB | VT2PB | 98 | Y | AC,P2,MAG | MNWCa, WICEa |
| 4990 VT2PRIB | VT2PB | 99 | Y | AC,P2,MAG | IANOu, MNSEa, SDNEb, WICEb |
| 5000 VT2PRIB | VT2PB | 100 | Y | AC,P2,MAG | MNWcb |
| 5110 STX | STX | 101 | N | AC,P5V,MAG | MNSEa, MNSWa, MNWcb, WICEb |
| 5280 CONV | CONV | 101 | N | CM,C2,Vi | MNSEa, MNSWa |

CORN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|---------------|------------|----------|-----|------------|--|
| 5280 VT2PRIB | VT2PB | 102 | Y | AC,P2,MAG | IANCa, IANWa, MNSEa, MNWcb, NCTSa, WICEb |
| 5700 VT2P | VT2P | 107 | N | AC,P5V,MAG | MNSEb, MNSWb |

GOLD COUNTRY | Gold Country Seed (Bayer CropScience)
www.goldcountryseed.com
 16506 MN-15, Hutchinson, MN 55350 | (320) 587-1050




| | | | | | |
|-----------|-------|-----|---|----|---------------------|
| 102-07 | CONV | 102 | N | AC | MNSEa, MNSWa |
| 102-13RSS | STX | 102 | N | AC | MNWcb |
| 103-58RSS | STX | 103 | N | AC | MNSEb, MNSWb |
| 104-11 | CONV | 104 | Y | AC | MNSEb, MNSWb |
| 106-09R2P | VT2P | 106 | Y | AC | MNSEb, MNSWb |
| 106-96RSS | STX,B | 106 | Y | AC | MNSEb, MNSWb |
| 107-84R2P | VT2P | 107 | Y | AC | MNSEb, MNSWb |
| 89-59R2P | VT2PB | 89 | Y | AC | MNEC |
| 90-07R2P | VT2P | 90 | N | AC | MNEC |
| 90-71R2P | VT2PB | 90 | Y | AC | MNEC |
| 92-45R2P | VT2PB | 92 | Y | AC | MNEC |
| 94-19 GC | CONV | 94 | N | AC | MNSOu |
| 97-14R2P | VT2P | 97 | N | AC | MNSEa, MNSWa, MNWCa |
| 97-75R2P | VT2P | 97 | N | AC | MNSEa, MNSWa, MNWCa |
| 98-11R2P | VT2PB | 98 | Y | AC | MNSEa, MNSWa, MNWCa |
| 99-01R2P | VT2P | 99 | N | AC | MNSEa, MNSWa, MNWcb |
| 99-30R2P | VT2P | 99 | N | AC | MNWcb |

GOLDEN HARVEST | Golden Harvest Brand (Syngenta)
www.goldenharvestseeds.com
 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 | (800) 944-7333



| | | | | | |
|------------------|---------|-----|---|-----------|--|
| G00H12-5122-EZR | 5122,B | 100 | Y | AVC,C2,Vi | IANOu, MISoa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb |
| G02K39-5122-EZR | 5122,B | 102 | Y | AVC,C2,Vi | IANCa, MISoa, MNSEa, MNSWa, MNWcb, NCTSa, SDSEa, WICEb, WISOa |
| G03R40-5222-EZR | 5222,B | 103 | Y | AVC,C2,Vi | IANCa, IANWa, INNOa, MISoa, MNSEb, MNSWb, NCTSa, SDSEb, WISOa |
| G04G36-3111A | 3111A | 104 | N | AVC,C2,Vi | IANWa, INNOa, KSNEa, MISob, MNSEb, MNSWb, NCTSa, OHNwa, SDSEb, WISOa |
| G06Q68-5222-EZR | 5222,B | 106 | Y | AVC,C2,Vi | IANCa, MNSEb, MNSWb |
| G84J92-3120A-EZR | 3120A,B | 86 | Y | AVC,C2,Vi | MNEC, RRCEa, RRSOa |
| G90Y04-5222A-EZR | 5222A,B | 92 | Y | AVC,C2,Vi | MNEC, RRCEb, SDNEa |
| G91V51-3110A | 3110A | 91 | N | AVC,C2,Vi | MNEC, RRCEb, RRSob, SDNEa |
| G95M41-5122-EZR | 5122,B | 95 | Y | AVC,C2,Vi | IANOu, MNEC, MNSOu, MNWCa, WICEa |
| G96R61-5222-EZR | 5222,B | 96 | Y | AVC,C2,Vi | MNEC, MNSOu, MNWCa, RRSob, SDNEb, WICEa |
| G99E68-5122-EZR | 5122,B | 99 | Y | AVC,C2,Vi | IANOu, MISoa, MNSEa, MNSWa, SDNEb, SDSEa, WICEb, WISOa |

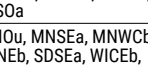
HEFTY | Hefty Seed Company
www.heftyseed.com
 47504 252nd St, Baltic, SD 57003 | (866) 769-7200



| | | | | | |
|--------------|-------|----|---|----|---|
| H3632VT2PRIB | VT2PB | 86 | Y | HC | MNEC, RRSOa |
| H4032VT2PRIB | VT2PB | 90 | Y | HC | MNEC, RRCEb, RRSOa |
| H4132VT2PRIB | VT2PB | 91 | Y | HC | MNEC, RRCEb, RRSob, SDNEa |
| H4144SS | STX | 91 | N | HC | MNEC, RRCEb |
| H4322VT2PRIB | VT2PB | 93 | Y | HC | MNEC, MNSOu, MNWCa, RRSob, SDNEa, WICEa |
| H4324SSRIB | STX,B | 93 | Y | HC | MNEC, MNSOu, RRSob |
| H4332VT2PRIB | VT2PB | 93 | Y | HC | MNSOu, MNWCa, RRSob, SDNEa, WICEa |
| H4522VT2PRIB | VT2PB | 95 | Y | HC | MNSOu, SDNEa |
| H4542VT2P | VT2P | 95 | N | HC | MNEC, MNSOu, WICEa |
| H4612VT2PRIB | VT2PB | 96 | Y | HC | IANOu, MNSOu, SDNEb, WICEa |
| H4732VT2PRIB | VT2PB | 96 | Y | HC | IANOu, MNSOu, MNWCa, SDNEb, WICEa |
| H4734SSRIB | STX,B | 97 | Y | HC | IANOu, MNSEa, MNSWa, MNWCa |


| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|----------------|------------|----------|-----|------|---|
| H4842VT2P | VT2P | 98 | N | HC | IANOu, MNSEa, MNSWa, MNWCa, SDNEb, SDSEa |
| H4922VT2PRIB | VT2PB | 99 | Y | HC | IANOu, MNSEa, MNSWa, MNWcb, SDSEa, WICEb, WISOa |
| H4933VT2PDGRIB | VT2PDG,B | 99 | Y | HC | IANOu, MNSEa, MNWcb, SDNEb, SDSEa, WICEb, WISOa |
| H5003VT2PDGRIB | VT2PDG,B | 100 | Y | HC | IANOu, ILNOu, MNWcb, NCTSa, SDNEb, WICEb |
| H5132VT2P | VT2P | 101 | N | HC | IANCa, IANWa, MNSEa, MNSWa, SDSEa |
| H5144SS | STX | 101 | N | HC | IANWa, ILNOu, MNSWa, MNWcb, NCTSa, WICEb, WISOa |
| H5212VT2PRIB | VT2PB | 102 | Y | HC | IANCa, MNWcb, NCTSa, SDSEa, WICEb |
| H5432VT2PRIB | VT2PB | 104 | Y | HC | IANCa, IANWa, ILNOu, MNSEb, MNSWb, NCTSa, SDSEb, WISOa |
| H5442VT2P | VT2P | 104 | N | HC | ILNOu, MNSWb, SDSEb |
| H5444SS | STX | 104 | N | HC | IANWa, ILNOu, MNSEb, SDSEb, WISOa |
| H5522VT2PRIB | VT2PB | 105 | Y | HC | IANCa, ILNOu, ILWCa, MNSEb, MNSWb, NENEa, SDSEb, WISOa |
| H5524SSRIB | STX,B | 105 | Y | HC | ILWCa, MNSEb, MNSWb, NCTSa, WISOa |
| H5624SSRIB | STX,B | 106 | Y | HC | IANWa, ILECa, ILNOa, ILWCa, MNSEb, MNSWb, NENEa, SDSEb, WISOa |

HEINE | Heine Hybrid Seed Corn
www.heineseeds.com
 1014 E 320th St, Vermillion, SD 57069 | (605) 677-8263




| | | | | | |
|-------------|-------|-----|---|---------------|---------------------|
| 6500VT2PRIB | VT2PB | 98 | Y | AC,P2 | MNSWa, SDSEa |
| 6550VT2P | VT2P | 99 | N | AC,P5V,EDC-EL | MNSWa, SDNEb, SDSEa |
| 6575 | VT2P | 99 | N | AC,P5V,EDC-EL | MNSWa, SDNEb |
| 7010 | VT2P | 100 | N | AC,P5V,EDC-B | MNSWa, SDNEb, SDSEa |
| 7200 | VT2P | 102 | N | AC,P5V | MNSWa, SDSEa |
| 740 | VT2PB | 103 | Y | AC,P2 | MNSWb, SDSEb |
| 7450 | VT2P | 104 | N | AC,P5V,EDC-EL | MNSWb, SDSEb |
| 7550 | STX | 106 | N | AC,P5V,EDC-EL | MNSWb, SDSEb |
| 7570 | STX | 105 | N | AC,P5V,EDC-EL | MNSWb, SDSEb |
| 7710 | VT2P | 107 | N | AC,P2 | MNSWb, NENEa, SDSEb |

HI FIDELITY GENETICS | Hi Fidelity Genetics
www.hifidelitygenetics.com/
 326 W Geer St, Durham, NC 27701 | (515) HFG-SEED



| | | | | | |
|---------|------|-----|---|--------|-----------------------------------|
| HFG0921 | CONV | 92 | N | AC,P5V | MNSOu |
| HFG0951 | CONV | 95 | N | AC,P5V | IANOu, MNSOu |
| HFG1001 | CONV | 100 | N | AC,P5V | IANOu, MNSEa, MNSWa, SDSEa |
| HFG1071 | CONV | 107 | N | AC,P5V | IANCb, IANWb, MNSEb, MNSWb, SDSEb |

INTEGRA | Integra Fortified Seed (Wilbur-Ellis)
www.integraseed.com
 2219 229th, Place Ames, IA 50014 | (515) 292-1300



| | | | | | |
|-----------------|----------|-----|---|-----------------|---|
| 4119 VT2PRIB GC | VT2PB | 91 | Y | AC,P2V,St,SU | MNEC |
| 4311 VT2P | VT2P | 93 | N | AC,P5V,St,SU | MNWCa, RRSob, SDNEa, WICEa |
| 4509 VT2PRIB | VT2PB | 95 | Y | AC,P2V,St,SU | MNWCa, RRSob, SDNEa, WICEa |
| 4782 VT2PRIB | VT2PB | 97 | Y | AC,P2,St,SU | MNSWa, MNWCa, SDNEb, WICEa |
| 4888 VT2PRIB | VT2PB | 98 | Y | AC,P2,St,SU | MNSWa, MNWCa, SDNEb, SDSEa, WICEa |
| 5081 DGV2PRIB | VT2PDG,B | 100 | Y | AC,P2,St,SU | IANCa, IANWa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb, WISOa |
| 5280 VT2PRIB | VT2PB | 102 | Y | AC,P2,St,SU | IANCa, IANWa, MNSWa, MNWcb, OHNwa, SDSEa, WICEb, WISOa |
| 5351 5122-EZ | 5122,B | 103 | Y | AVC,C2,Vi,St,SU | IANCa, IANWa, MNSWb, OHNwa, SDSEb, WISOa |
| 5529 VT2PRIB | VT2PB | 105 | Y | AC,P2,St,SU | IAECa, IANCa, IANWa, IAWCa, ILECa, ILWCa, MNSWb, NENEa, OHNwa, SDSEb, WISOa |

For more yield results visit www.firstseedtests.com
 FIRST does not make product endorsements.

CORN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|---------------|------------|----------|-----|--------------|--|
| 5719 VT2PRIB | VT2PB | 107 | Y | AC,P2,St,SU | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILWCa, KSNEa, MNSWb, NESEa, OHNWa, SDSEb, WISOb |
| 5770 STXRIB | STX,B | 107 | Y | AC,P5V,St,SU | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, MNSWb, NENEa, SDSEb, WISOb |

| LATHAM Latham Hi-Tech Seeds | | | | | |
|---|----------|-----|---|--------|---|
| www.lathamseeds.com 131 180th St, Alexander, IA 50420 (877) 465-2842 | | | | | |
| | | | | | |
| LH 3695 VT2P RIB | VT2PB | 86 | Y | AC250 | MNEC, RRCEa, RRSOa |
| LH 3827 VT2P RIB | VT2PB | 88 | Y | AC250 | MNEC, RRCEb, RRSOa |
| LH 3937 VT2P RIB | VT2PB | 89 | Y | AC250 | MNEC, RRCEb, RRSOa |
| LH 4375 VT2P RIB | VT2PB | 93 | Y | AC250 | MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa |
| LH 4454 VT2P RIB | VT2PB | 94 | Y | AC250 | MNSOu, RRSOb, SDNEa, WICEa |
| LH 4517 VT2P RIB | VT2PB | 95 | Y | AC250 | IANOu, MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa |
| LH 4657 VT2P RIB | VT2PB | 96 | Y | AC250 | IANOu, MNSOu, MNWCa, SDNEb, WICEa |
| LH 4669 SS RIB | STX,B | 96 | Y | AC,P5V | IANOu, MNSOu, MNWCa, SDNEb, WICEa |
| LH 4937 VT2P RIB | VT2PB | 99 | Y | AC250 | IANOu, MNSEa, MNSWa, MNWcb, SDNEb, WICEb, WISOa |
| LH 4989 SS RIB | STX,B | 99 | Y | AC,P5V | IANOu, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb, WISOa |
| LH 5025 VT2PDG RIB | VT2PDG,B | 100 | Y | AC250 | MNWcb, WICEb |
| LH 5047 VT2P RIB | VT2PB | 100 | Y | AC250 | IANOu, MNSEa, MNSWa, SDSEa, WICEb, WISOa |
| LH 5049 SS RIB | STX,B | 100 | Y | AC,P5V | MNWcb, SDSEa |
| LH 5077 VT2P RIB | VT2PB | 100 | Y | AC250 | MNSEa, MNSWa, SDSEa, WISOa |
| LH 5377 VT2P RIB | VT2PB | 103 | Y | AC250 | IANCa, IANWa, MNSEb, MNSWb, NCTSa, SDSEb |
| LH 5389 SS RIB | STX,B | 103 | Y | AC,P5V | IANCa, IANWa, MNSEb, MNSWb, NCTSa, SDSEb |
| LH 5517 VT2P RIB | VT2PB | 105 | Y | AC250 | IANWa, IAWCa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| LH 5725 VT2P RIB | VT2PB | 107 | Y | AC250 | IAECa, IANCb, IANWb, IASOa, IAWCa, MNSEb, MNSWb, NENEa, WISOb |
| LH 5739 SS RIB | STX,B | 107 | Y | AC,P5V | IANCb, IANWb, MNSEb, MNSWb, WISOb |

| MILLER HYBRIDS Miller Hybrids | | | | | |
|--|------|-----|---|-----|---------------------|
| www.millerhybrids.com 1213 Larch Ave, Kalona, IA 52247 (866) 946-CORN | | | | | |
| | | | | | |
| M00-49 | CONV | 100 | N | MSC | MNSWa, SDSEa |
| M02-73BGV | 3220 | 102 | N | MSC | MNSWa |
| M05-72 | CONV | 105 | N | MSC | IANWa, MNSWb, SDSEb |

| NK BRAND NK Brand (Syngenta) | | | | | |
|--|---------|-----|---|-----------|--|
| www.nkseeds.com 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 (800) 258-0521 | | | | | |
| | | | | | |
| NK0243-5122-EZR | 5122,B | 102 | Y | AVC,C2,Vi | IANCa, IANWa, ILNOu, MISOa, MNSEa, MNSWa, MNWcb, SDSEa, WICEb, WISOa |
| NK0472-5222-EZR | 5222,B | 104 | Y | AVC,C2,Vi | IANCa, IANWa, IAWCa, ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, OHNWa, SDSEb, WISOa |
| NK0624-5222-EZR | 5222,B | 106 | Y | AVC,C2,Vi | IANCa, IANWa, ILNOa, INNOa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| NK8618-3120A-EZR | 3120A,B | 86 | Y | AVC,C2,Vi | MNEC, RRCEa, RRSOa |
| NK8920-5122-EZR | 5122,B | 89 | Y | AVC,C2,Vi | MNEC, RRCEb, RRSOa, SDNEa |
| NK9175-3110A | 3110A | 91 | N | AVC,C2,Vi | MNEC, MNSOu, RRCEb, RRSOb, SDNEa |
| NK9227-5222A-EZR | 5222A,B | 92 | Y | AVC,C2,Vi | MNEC, MNSOu, RRCEb, RRSOb, SDNEa |
| NK9610-5122-EZR | 5122,B | 96 | Y | AVC,C2,Vi | MNSOu |

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|-----------------|------------|----------|-----|-----------|--|
| NK9653-5222-EZR | 5222,B | 96 | Y | AVC,C5,Vi | IANOu, MNEC, MNSOu, MNWCa, RRSOb, SDNEb, WICEa |
| NK9738-5222-EZR | 5222,B | 97 | Y | AVC,C5,Vi | MNWCa, WICEa |
| NK9991-5122-EZR | 5122,B | 99 | Y | AVC,C5,Vi | IANOu, MISOa, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb |

| NORTHSTAR NorthStar Genetics, Ltd. | | | | | |
|--|--------|-----|---|----|----------------------------|
| www.northstargenetics.com 217 Main St, Wanamingo, MN 55983 (507) 824-2878 | | | | | |
| | | | | | |
| NS 100-121 | STX,B | 100 | Y | na | IANOu, MNSEa, MNSWa, WICEb |
| NS 103-537 | VT2PB | 103 | Y | na | IANCa, MNSEb, MNSWb, WISOa |
| NS 104-321 | 5122,B | 104 | Y | na | IANCa, MNSEb |
| NS 105-558VT2PRIB | VT2PB | 105 | Y | na | IANCa, MNSEb |
| NS 106-186SSRIB | STX,B | 106 | Y | na | IANCa, MNSEb, WISOb |
| NS 97-547 | VT2PB | 97 | Y | na | MNSEa, MNSWa |
| NS 98-513 STXRIB | STX,B | 98 | Y | na | IANOu, MNSEa, MNSWa, WICEa |





| NUTECH NuTech Seed, LLC (Corteva Agriscience) | | | | | |
|--|------|-----|---|--------|---|
| www.nutechseed.com 201 Knollwood Dr, Champaign, IL 61820 (888) 647-3478 | | | | | |
| | | | | | |
| 56A7Q | QR,B | 96 | Y | P1V,RN | IANOu, MNSOu |
| 57B3AM | AM,B | 97 | Y | P1V,RN | IANOu, MNSEa |
| 58B1Q | QR | 98 | N | P1V,RN | MNSEa |
| 5F-196AM | AM,B | 96 | Y | P1V,RN | IANOu, MNSOu |
| 5F-601AM | AM,B | 101 | Y | P1V,RN | IANCa, IANWa, ILNOu, MNSEa, NCTSa |
| 62A8Q | QR,B | 102 | Y | P1V,RN | IANCa, IANWa, ILNOu, MNSEa, NCTSa |
| 63C4Q | QR,B | 103 | Y | P1V,RN | IANCa, IANWa, ILNOu, MNSEb, NCTSa |
| 64D1YHR | AM,B | 104 | Y | P1V,RN | IANCa, IANWa, ILNOu, MNSEb, NCTSa |
| 65H2Q | QR,B | 105 | Y | P1V,RN | IANCa, IANWa, ILNOu, MNSEb, NCTSa |
| 68A7AM | AM,B | 107 | Y | P1V,RN | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILSOa, ILWCa, MNSEb, MOCEa, MONOa, NCTSa |
| E57C1CYFR | QR | 97 | N | P1V,RN | IANOu, MNSEa |



| PIONEER DuPont Pioneer (Corteva Agriscience) | | | | | |
|--|------|-----|---|----|----------------------------------|
| www.pioneer.com PO Box 454, Johnston, IA 50131 (800) 247-6803 | | | | | |
| | | | | | |
| P0075Q CK | QR | 100 | N | na | MNWCa, MNWcb |
| P0421Q GC | QR,B | 104 | Y | na | MNSEb, MNSWb, SDSEb |
| P0589 CONV GC | CONV | 105 | N | na | MNSWb |
| P0589 GC | AQ | 105 | N | na | MNSEb |
| P0688Q GC | QR | 106 | N | na | MNSEb, MNSWb, SDSEb |
| P9188AMXT GC | AMXT | 91 | N | na | MNEC, RRSOb, SDNEa |
| P9492AM GC | AM,B | 94 | Y | na | IANOu, MNEC, MNSOu, MNWCa, SDNEa |
| P9772AM GC | AM,B | 97 | Y | na | MNSWa |
| P9998Q GC | QR | 99 | N | na | MNSWa, MNWcb, SDNEb, SDSEa |

| PROSEED Proseed, Inc. | | | | | |
|--|-------|-----|---|----|-------|
| www.proseed.net 705 E Brewster, Harvey, ND 58341 (800) 776-3121 | | | | | |
| | | | | | |
| 19102 3110 | 3110 | 102 | N | na | MNWcb |
| 1996 VT2PRIB | VT2PB | 96 | Y | na | MNWCa |
| 1998 VT2PRIB | VT2PB | 98 | Y | na | MNWCa |

| RENK Renk Seed Co. | | | | | |
|---|----------|----|---|-------|--|
| www.renkseed.com 6809 Wilburn Rd, Sun Prairie, WI 53590 (800) BUY-RENK | | | | | |
| | | | | | |
| RK433VT2PRIB | VT2PB | 92 | Y | AC,P2 | MNEC, RRCEb, RRSOb, SDNEa |
| RK499VT2P | VT2P | 94 | N | AC,P2 | MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa |
| RK561DGV2PRIB | VT2PDG,B | 95 | Y | AC,P2 | IANOu, MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa |

CORN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|--|------------|----------|-----|--------|--|
| RK568VT2P | VT2PB | 95 | Y | AC,P2 | MNEC, MNSOu, MNWCa, RRSOb, SDNEa |
| RK579DGV2P | VT2PDG,B | 99 | Y | AC,P2 | IANOu, MNWcb, SDNEb, WICEb |
| RK593VT2PRIB | VT2PB | 97 | Y | AC,P2 | IANOu, MISoa, MNSEa, MNSWa, MNWCa, SDNEb, WICEa |
| RK600SSTX | STX,B | 100 | Y | AC,P5V | IANOu, MISoa, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb, WISOa |
| RK626SSTX | STX | 102 | N | AC,P5V | MNSEa, MNSWa, MNWcb, SDSEa, WICEb, WISOa |
| RK642VT2P | VT2PB | 103 | Y | AC,P2 | IANCa, IANWa, ILNOu, MISoa, MNSEb, MNSWb, NCTSa, SDSEb, WISOa |
| RK695GTCBLLBL | 3220 | 102 | N | CM,C2 | IANCa, IANWa, ILNOu, MISoa, MNSEa, MNSWa, MNWcb, NCTSa, SDSEa, WICEb, WISOa |
| RK700SSTX | STX | 107 | N | AC,P5V | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, MISOb, MNSEb, MNSWb, NCTSa, NENEa, SDSEb, WISOb |
| RK710DGV2P | VT2PDG,B | 106 | Y | AC,P2 | IAECa, IANCa, IANWa, IAWCa, ILNOa, MISOb, MNSEb, MNSWb, NCTSa, NENEa, SDSEb, WISOb |
| RK726H | PC | 106 | N | AC,P2 | IAECa, IANCa, IANWa, IAWCa, ILECa, ILNOa, ILWCa, MISOb, MNSEb, MNSWb, NCTSa, NENEa, SDSEb, WISOb |
| ROB-SEE-CO Rob See Co www.robseeeco.com PO Box 129, Waterloo, NE 68069 | | | | | |
|  | | | | | |
| RC4343 GC | 3220A,B | 93 | Y | CM,C2 | MNWCa |
| RC4535 GC | 3110 | 95 | N | CM,C2 | MNWCa |
| STINE Stine Seed Company www.stinseed.com 22555 Laredo Trail Adel, IA 50003 (800) 362-2510 | | | | | |
|  | | | | | |
| 9202-G GC | 3011A | 86 | N | AC | MNEC |
| THUNDER Thunder Seed, Inc. www.thunderseed.com 806 Center Ave, W Dilworth, MN 56529 (888) 684-8633 | | | | | |
|  | | | | | |
| T6094 VT2P | VT2PB | 94 | Y | AC,P2 | MNEC, MNWCa, RRSOb, SDNEa, WICEa |
| T6098 VT2P | VT2PB | 98 | Y | AC,P2 | MNWCa, SDNEb, SDSEa, WICEa |
| T6100 VT2P | VT2PB | 100 | Y | AC,P2 | MNWcb, SDNEb, SDSEa |
| T6190 VT2P | VT2PB | 90 | Y | AC,P2 | MNEC, RRCEb, RRSOa |
| T6595 VT2P | VT2PB | 95 | Y | AC,P2 | MNEC, MNWCa, RRSOb, SDNEa, WICEa |
| T6791 VT2P | VT2PB | 91 | Y | AC,P2 | MNEC, RRCEb, RRSOb, SDNEa |
| T6902 VT2P | VT2PB | 102 | Y | AC,P2 | MNWcb, SDSEa |
| T6992 VT2P | VT2PB | 92 | Y | AC,P2 | MNEC, RRCEb, RRSOb, SDNEa |
| T6993 VT2P | VT2PB | 93 | Y | AC,P2 | MNEC, MNWCa, RRSOb, SDNEa, WICEa |
| T6996 VT2P | VT2PB | 96 | Y | AC,P2 | MNWCa, SDNEb, WICEa |
| T6999 VT2P | VT2PB | 99 | Y | AC,P2 | MNWcb, SDNEb, SDSEa |
| TITAN PRO Titan Pro SCI, Inc. www.titanprosci.com 1301 S 24th St, Clear Lake, IA 50428 (641) 357-7283 | | | | | |
|  | | | | | |
| 20-05 | STX,B | 105 | N | AC250 | IANCa, MNSEb, MNSWb, SDSEb |
| 22-00 2P | VT2PB | 100 | Y | AC250 | IANOu, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb, WISOa |
| 24-04 | PC | 104 | N | C2 | IANCa, IANWa, MNSEb, MNSWb, SDSEb |
| 26-00 | 5222,B | 100 | N | C2 | IANOu, MNSEa, MNSWa, SDSEa |

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|---|------------|----------|-----|----------|---|
| 26-03 5222 | 5222,B | 103 | Y | C2 | IANCa, IANWa, MNSEb, MNSWb, NCTSa |
| 82-90 2P | VT2PB | 90 | Y | AC250 | MNEC, RRSOa |
| 82-95 2P | VT2PB | 95 | Y | AC250 | MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa |
| 84-01 VT2PRIB | VT2PB | 101 | Y | AC250 | MNSEa, MNSWa, SDSEa |
| 84-03 2P | VT2PB | 103 | Y | AC250 | IANCa, IANWa, MNSEb, MNSWb, NCTSa, WISOa |
| 85-96 | CONV | 96 | N | AC250 | MNSOu |
| 86-96 2P | VT2PB | 96 | Y | AC250 | IANOu, MNSOu, MNWCa, SDNEb, WICEa |
| 91-02 | CONV | 102 | N | C2 | MNSEa, MNSWa |
| 91-95 | CONV | 95 | N | AC250 | MNSOu |
| 92-99 2P | VT2PB | 99 | Y | AC250 | IANOu, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb, WISOa |
| 96-06 2P | VT2PB | 106 | Y | AC250 | IAECa, IANCa, IANWa, IAWCa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| TP 58-01 2P | VT2PB | 101 | Y | AC250 | MNWcb |
| TP 68-98 SS | STX,B | 98 | Y | AC,P5V | MNWCa |
| VIKING Viking (Albert Lea Seed House, Inc.) www.alseed.com/viking/ 1414 W Main St, Albert Lea, MN 56007 (800) 352-5247 | | | | | |
|  | | | | | |
| 42-05 | CONV | 105 | N | CM,C2,Sb | IANCa, IANWa, MNSEb, MNSWb, SDSEb |
| 42-92 | CONV | 92 | N | CM,C2,Sb | MNSOu |
| 44-98 | CONV | 98 | N | CM,C2,Sb | IANOu, MNSEa, MNSWa, SDSEa |
| 46-96 | CONV | 96 | N | CM,C2,Sb | MNSOu |
| 51-04 | CONV | 104 | N | CM,C2,Sb | IANCa, IANWa, MNSEb, MNSWb, SDSEb |
| 52-00 | CONV | 100 | N | CM,C2,Sb | IANOu, MNSEa, MNSWa, SDSEa |
| 52-96 | CONV | 96 | N | CM,C2,Sb | IANOu, MNSOu |
| 55-02 | CONV | 102 | N | CM,C2,Sb | IANCa, IANWa, MNSEa, MNSWa, SDSEa |
| 84-05 | CONV | 105 | N | CM,C2,Sb | IANCa, IANWa, MNSEb, MNSWb, SDSEb |
| 99-00 | CONV | 100 | N | CM,C2,Sb | IANOu, MNSEa, MNSWa |
| WYFFELS Wyffels Hybrids, Inc. www.wyffels.com 13344 US Hwy 6, Geneseo, IL 61254 (800) 369-7833 | | | | | |
|  | | | | | |
| W1516RIB | VT2PB | 95 | Y | AC250 | IANOu, MNSOu |
| W1546 | VT2P | 96 | N | AC250 | IANOu, MNSOu |
| W1636RIB | VT2PB | 96 | Y | AC250 | MNSWa, SDSEa |
| W2196RIB | VT2PB | 99 | Y | AC250 | MNSWa |
| W2198RIB | STX,B | 100 | Y | AC,P5V | IANOu, MNSEa, SDSEa |
| W2236RIB | VT2PB | 99 | Y | AC250 | IANOu, MNSEa, MNSWa, SDSEa, WISOa |
| W2506RIB | VT2PB | 101 | Y | AC250 | IANCa, IANWa, ILNOu, MNSEa, MNSWa, NCTSa, SDSEa, WISOa |
| W3018 | STX | 102 | N | AC,P5V | IANCa, IANWa, ILNOu, MNSEa, MNSWa, NCTSa, SDSEa, WISOa |
| W4196RIB | VT2PB | 105 | Y | AC250 | IAECa, IANCa, IANWa, IAWCa, ILNOu, MNSEb, MNSWb, SDSEb |
| W4246 | VT2P | 105 | N | AC250 | IAECa, IANCa, IANWa, IAWCa, ILNOu, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| W5086RIB | VT2PB | 107 | Y | AC250 | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, MNSWb, NCTSa, SDSEb, WISOb |
| W5516RIB | VT2PB | 108 | Y | AC250 | IAECa, IANCb, IANWb, IAWCa, ILECa, ILWCa, MNSWb, SDSEb, WISOb |

For more yield results visit www.firstseedtests.com
FIRST does not make product endorsements.

SOYBEAN REGIONS: MNNC, MNCE, MNSC, MNSO



Site Description: **MNNC** (See soybean results table on page 17)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|------------|---------------|--------------|--------------|---------------|----------------------|--------------|----------------|---------------|-------------|---------------|----------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Albany | Mitch Oveman | loam | conventional | soybean | NULL | 07-May | 08-Oct | 131.1 | 58.7 | 51.0 | 4 |
| Clear Lake | Ryan Peterson | loamy sand | conventional | corn | 19 | 03-May | 09-Oct | 129.8 | 41.3 | 49.0 | 2 |
| Royalton | Kenny Kasella | loamy sand | no-till | soybean | NULL | 11-May | 09-Oct | 128.5 | 40.8 | – | 1 |
| Wendell | Chad Biss | clay loam | conventional | corn | NULL | 16-May | 06-Oct | 129.8 | 42.7 | 44.4 | 3 |
| | | | | | | | | | MNNC | 46.2 | 4 |

Site Description: **MNCE** (See soybean results table on page 18)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|----------------|---------------|--------------|--------------|---------------|----------------------|--------------|----------------|---------------|-------------|---------------|-----------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Buffalo | Bill Daluge | loam | conventional | corn | NULL | 12-May | 11-Oct | 130.9 | 62.2 | – | new site |
| Clinton | Doug Nelson | loam | conventional | corn | NULL | 15-May | 07-Oct | 131.2 | 48.3 | 53.6 | 14 |
| Lester Prairie | Nathan Ide | loam | conventional | corn | NULL | 04-May | 11-Oct | 130.4 | 47.1 | 60.8 | 2 |
| Starbuck | Matt Moe | sandy loam | conventional | corn | NULL | 15-May | 05-Oct | NR | NR | 48.1 | 5 |
| | | | | | | | | | MNCE | 52.6 | 18 |

Site Description: **MNSC** (See soybean results table on page 19)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|--------------|--------------------------------|-----------------|--------------|-----------------|----------------------|--------------|----------------|---------------|-------------|---------------|-----------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Cannon Falls | Jeff Beckman | silt loam | no-till | peas, rye cover | NULL | 06-May | 09-Oct | 122.7 | 68.6 | 58.4 | 2 |
| Madison Lake | Mike Krenik | loam | conventional | soybean | NULL | 06-May | 14-Oct | 123.4 | 72.3 | 58.0 | 11 |
| Nerstrand | Keith, Kurt and Brian Schrader | silt loam | conventional | corn | 14 | 06-May | 18-Oct | lost | lost | 65.2 | 3 |
| Wabasso | Leon Plaetz | silty clay loam | conventional | corn | NULL | 07-May | 05-Oct | 126.4 | 76.5 | 53.9 | 13 |
| | | | | | | | | | MNSC | 56.1 | 19 |

Site Description: **MNSO** (See soybean results table on page 20)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|--------------|-----------------|-----------------|--------------|---------------|----------------------|--------------|----------------|---------------|-------------|---------------|-----------|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Easton | Dru Martin | loam | conventional | corn | NULL | 07-May | 07-Oct | 126.3 | 79.8 | 55.9 | 17 |
| Kasson | Brian Herbst | silt loam | conventional | corn | 30 | 04-May | 10-Oct | 123.2 | 73.2 | 58.0 | 18 |
| Lamberton | Ed Iverson | loam | conventional | corn | NULL | 15-May | 06-Oct | 126.6 | 66.7 | – | new site |
| New Richland | Leon Schoenrock | silty clay loam | conventional | corn | 6 | 04-May | 11-Oct | 123.8 | 73.2 | 60.8 | 18 |
| | | | | | | | | | MNSO | 58.0 | 19 |

SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2016–2020

| FIRST Region | Average Yield by Year (Bu/A) | | | | | Since Inception | |
|--------------|------------------------------|------|------|------|------|-----------------|--------|
| | 2020 | 2019 | 2018 | 2017 | 2016 | Bu/A | #Years |
| MNNC | 45.3 | 46.8 | 50.8 | 42.8 | – | 46.2 | 4 |
| MNCE | 52.5 | 43.1 | 56.0 | 48.3 | 58.5 | 52.6 | 18 |
| MNSC | 72.4 | 59.7 | 63.6 | 54.8 | 66.9 | 56.1 | 19 |
| MNSO | 73.2 | 60.8 | 59.8 | 56.7 | 67.1 | 58.0 | 19 |

Soybean Results: MNNC (See site description on page 16)

EARLY-SEASON TEST | MATURITY GROUP 0.6–0.9 | Top 27 of 27 tested Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Albany [#] | Clear Lake [†] | Royalton [†] | Wendell [#] |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|---------------------|-------------------------|-----------------------|----------------------|
| LOYAL | L0830E | E3 | 0.8 | 47.2 | 9.5 | 0 | \$448 | 53.4 | 40.6 | 56.1 | 44.9 |
| GENESIS | G0850E | E3 | 0.8 | 46.7 | 9.5 | 0 | \$443 | 62.9 | 43.1 | 44.3 | 52.7 |
| APEX | AE0810 | E3 | 0.8 | 45.8 | 9.7 | 0 | \$435 | 59.5 | 40.2 | 50.8 | 46.4 |
| DAIRYLAND | DSR-0920E | E3 | 0.9 | 44.6 | 9.5 | 0 | \$423 | 58.7 | 33.4 | 48.1 | 52.2 |
| STINE | 06EC23 U | E3 | 0.6 | 44.5 | 9.6 | 0 | \$423 | 53.2 | 35.2 | 43.9 | 54.4 |
| LATHAM | L 0852 LLGT27 | LLGT27 | 0.8 | 44.1 | 9.5 | 1 | \$419 | 61.3 | 31.7 | 54.7 | 46.0 |
| DAIRYLAND | DSR-0847E | E3 | 0.8 | 43.9 | 9.6 | 0 | \$417 | 60.6 | 32.7 | 56.6 | 42.5 |
| THUNDER | SB8807N | RRX | 0.7 | 42.2 | 9.5 | 1 | \$400 | 58.6 | 32.3 | 52.7 | 41.5 |
| LATHAM | L 0982 R2 | RR2Y | 0.9 | 41.4 | 9.7 | 0 | \$393 | 57.4 | 28.4 | 48.1 | 47.6 |
| CREDENZ | CZ 0729GTLL | LLGT27 | 0.7 | 40.0 | 9.8 | 0 | \$380 | 56.9 | 36.8 | 41.4 | 41.7 |
| STINE | 09EA02 U | E3 | 0.9 | 39.6 | 9.6 | 0 | \$376 | 63.5 | 31.0 | 44.3 | 43.5 |
| PROSEED | EL20-73 | E3 | 0.7 | 39.2 | 9.4 | 1 | \$372 | 51.7 | 34.7 | 38.3 | 44.7 |
| DAIRYLAND | DSR-0717E | E3 | 0.7 | 38.9 | 9.5 | 0 | \$369 | 54.6 | 18.5 | 48.5 | 49.7 |
| NK BRAND | S09-3E3 | E3 | 0.9 | 38.7 | 9.7 | 0 | \$368 | 54.5 | 30.1 | 43.3 | 42.8 |
| ASGROW | AG08X0 U | RRX | 0.8 | 38.7 | 9.7 | 0 | \$368 | 52.2 | 30.7 | 44.6 | 41.0 |
| THUNDER | SB8009N | RRX | 0.9 | 38.2 | 9.5 | 0 | \$363 | 58.2 | 28.7 | 47.5 | 38.6 |
| THUNDER | TE7107N | E3 | 0.7 | 38.0 | 9.6 | 0 | \$361 | 61.3 | 30.7 | 43.4 | 40.0 |
| PIONEER | P09A53X U | RRX | 0.9 | 36.8 | 9.5 | 0 | \$349 | 61.5 | 21.9 | 46.5 | 41.9 |
| ZINESTO | Z0701E | E3 | 0.7 | 35.9 | 9.7 | 0 | \$341 | 56.4 | 25.9 | 41.4 | 40.5 |
| DAIRYLAND | DSR-0645E | E3 | 0.6 | 35.4 | 9.5 | 0 | \$336 | 59.1 | 27.2 | 39.6 | 39.6 |
| GOLDEN HARVEST | GH0749X | RRX | 0.7 | 34.4 | 9.6 | 0 | \$327 | 61.3 | 30.4 | 34.0 | 38.8 |
| NK BRAND | S09-D4X U | RRX | 0.9 | 33.0 | 9.7 | 0 | \$313 | 60.6 | 17.4 | 42.6 | 39.1 |
| CREDENZ | CZ 0419GTLL | LLGT27 | 0.4 | 32.7 | 9.6 | 1 | \$310 | 58.5 | 25.9 | 33.1 | 39.1 |
| THUNDER | SB8906N | RRX | 0.6 | 31.8 | 9.7 | 0 | \$302 | 58.0 | 26.3 | 33.8 | 35.2 |
| NK BRAND | S07-Q4X U | RRX | 0.7 | 31.2 | 9.6 | 0 | \$297 | 62.5 | 19.8 | 40.4 | 33.6 |
| ZINESTO | Z0601E | E3 | 0.6 | 29.5 | 9.7 | 0 | \$281 | 57.8 | 17.1 | 34.0 | 37.6 |
| STINE | 14EB26 CK | E3 | 1.4 | 41.9 | 9.9 | 0 | \$398 | 61.7 | 38.0 | 49.9 | 37.8 |
| Averages = | | | | 39.0 | 9.6 | 0 | \$371 | 58.4 | 29.9 | 44.5 | 42.7 |
| LSD (0.10) = | | | | 5.1 | 0.1 | ns | | 5.1 | 6.8 | 7.4 | 6.7 |

FULL-SEASON TEST | MATURITY GROUP 1.0–1.5 | Top 30 of 62 tested Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Albany [#] | Clear Lake [†] | Royalton [†] | Wendell [#] |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|---------------------|-------------------------|-----------------------|----------------------|
| NK BRAND | S13-E3 | E3 | 1.3 | 57.5 | 9.5 | 0 | \$546 | 61.1 | 53.7 | 57.8 | 45.3 |
| LATHAM | L 1392 E3 | E3 | 1.3 | 54.5 | 9.5 | 0 | \$518 | 62.6 | 49.9 | 51.1 | 47.6 |
| DAIRYLAND | DSR-1318E | E3 | 1.3 | 54.4 | 9.5 | 1 | \$517 | 58.7 | 55.6 | 48.8 | 41.3 |
| APEX | AE1300 | E3 | 1.3 | 53.6 | 9.2 | 0 | \$509 | 56.9 | 53.5 | 50.3 | 41.8 |
| TITAN PRO | 15GL9 | LLGT27 | 1.5 | 53.0 | 9.6 | 0 | \$503 | 68.2 | 56.7 | 34.0 | 43.1 |
| ASGROW | AG11X8 U | RRX | 1.1 | 52.8 | 9.5 | 0 | \$502 | 60.9 | 52.4 | 45.0 | 40.1 |
| LOYAL | L1320E | E3 | 1.3 | 52.1 | 9.5 | 0 | \$495 | 54.6 | 49.9 | 51.9 | 46.7 |
| PIONEER | P11A44X U | RRX | 1.1 | 51.8 | 9.4 | 0 | \$492 | 68.7 | 54.8 | 31.9 | 44.1 |
| APEX | AE1410 | E3 | 1.4 | 51.1 | 9.7 | 1 | \$485 | 61.0 | 47.6 | 44.7 | 43.9 |
| THUNDER | SB8012N | RRX | 1.2 | 51.0 | 9.5 | 1 | \$485 | 59.7 | 47.8 | 45.6 | 46.9 |
| NK BRAND | S14-U9X | RRX | 1.4 | 50.9 | 9.4 | 0 | \$484 | 59.1 | 46.7 | 47.1 | 47.8 |
| ZINESTO | Z1301G | LLGT27 | 1.3 | 50.9 | 9.5 | 0 | \$484 | 59.4 | 46.6 | 46.9 | 48.1 |
| HEFTY | H13X7 | RRX | 1.3 | 50.9 | 9.6 | 0 | \$484 | 66.3 | 51.2 | 35.3 | 38.8 |
| GENESIS | G1250ES | E3 | 1.2 | 50.9 | 9.5 | 0 | \$483 | 70.0 | 45.4 | 37.3 | 46.7 |
| GENESIS | G1340E | E3 | 1.3 | 50.8 | 9.4 | 1 | \$482 | 55.5 | 53.0 | 43.8 | 48.4 |
| FEDERAL | F1509N | LLGT27 | 1.5 | 50.6 | 9.8 | 5 | \$480 | 61.1 | 47.3 | 43.3 | 36.5 |
| LATHAM | L 1595 E3 | E3 | 1.5 | 50.3 | 9.3 | 0 | \$478 | 62.3 | 53.1 | 35.7 | 45.1 |
| PROSEED | EL91-33 | E3 | 1.3 | 50.0 | 9.5 | 3 | \$476 | 58.3 | 43.5 | 48.4 | 46.3 |
| THUNDER | TE7011N | E3 | 1.1 | 49.6 | 9.5 | 0 | \$471 | 62.2 | 45.2 | 41.5 | 42.5 |
| NK BRAND | S12-T2X | RRX | 1.2 | 49.5 | 9.4 | 0 | \$470 | 60.9 | 48.2 | 39.4 | 48.9 |
| PIONEER | P15A88X U | RRX | 1.5 | 49.5 | 9.7 | 1 | \$470 | 59.0 | 51.6 | 37.9 | 40.9 |
| DYNA-GRO | S11EN40 | E3 | 1.1 | 49.5 | 9.4 | 1 | \$470 | 64.1 | 47.9 | 36.5 | 35.7 |
| LATHAM | L 1429 LLGT27 | LLGT27 | 1.4 | 49.3 | 9.6 | 1 | \$469 | 62.6 | 55.9 | 29.5 | 36.8 |
| GOLD COUNTRY | 1360X | RRX | 1.3 | 48.7 | 9.5 | 0 | \$463 | 57.6 | 50.3 | 38.3 | 50.2 |
| DYNA-GRO | S13XT89 | RRX | 1.3 | 48.6 | 9.5 | 0 | \$462 | 48.8 | 50.4 | 46.5 | 49.3 |
| NK BRAND | S15-3E3 | E3 | 1.5 | 48.1 | 9.7 | 2 | \$457 | 61.3 | 53.0 | 30.0 | 39.3 |
| LOYAL | L1030E | E3 | 1.0 | 48.0 | 9.6 | 0 | \$456 | 61.9 | 45.5 | 36.7 | 40.7 |
| HEFTY | H11X8 | RRX | 1.1 | 48.0 | 9.5 | 0 | \$456 | 64.1 | 28.4 | 51.5 | 43.3 |
| PROSEED | EL21-03 | E3 | 1.0 | 47.9 | 9.6 | 0 | \$454 | 57.9 | 48.1 | 37.6 | 44.2 |
| APEX | AE1210S | E3 | 1.2 | 47.9 | 9.5 | 2 | \$454 | 59.7 | 47.8 | 36.1 | 41.3 |
| STINE | 14EB26 CK | E3 | 1.4 | 51.6 | 9.5 | 4 | \$491 | 54.9 | 51.6 | 48.4 | 45.4 |
| Averages = | | | | 48.0 | 9.5 | 1 | \$456 | 58.7 | 46.3 | 39.1 | 42.8 |
| LSD (0.10) = | | | | 6.3 | 0.2 | 2 | | 6.6 | 9.3 | 7.9 | 6.2 |

[†] 3 replications early-season test (Clear Lake), 3 replications early-season test (Royalton), 3 replications full-season test (Royalton); [#] early-season test results rejected, not included in summary, (Albany), full-season test results rejected, not included in summary, (Wendell)

Soybean Results: MNCE (See site description on page 16)

EARLY-SEASON TEST | MATURITY GROUP 1.3-1.6 | Top 30 of 42 tested Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Buffalo | Clinton | Lester Prairie | Starbuck# |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|-------------|-------------|----------------|-------------|
| PROSEED | EL91-33 | E3 | 1.3 | 63.9 | 9.0 | 0 | \$608 | 72.0 | 62.9 | 56.9 | 31.6 |
| GOLD COUNTRY | 1609X GC | RRX | 1.6 | 58.9 | 8.9 | 0 | \$560 | 70.5 | 50.9 | 55.4 | 28.2 |
| ZINESTO | Z1400E | E3 | 1.4 | 58.3 | 8.9 | 0 | \$554 | 58.8 | 60.6 | 55.4 | 26.4 |
| STINE | 14EB26 U | E3 | 1.4 | 58.2 | 8.9 | 0 | \$552 | 57.2 | 61.1 | 56.2 | 21.3 |
| DYNA-GRO | S14EN90 | E3 | 1.4 | 57.5 | 8.9 | 2 | \$547 | 70.9 | 40.4 | 61.3 | 24.0 |
| LOYAL | L1320E | E3 | 1.3 | 57.3 | 9.1 | 0 | \$544 | 69.2 | 44.4 | 58.3 | 42.7 |
| PIONEER | P15A88X U | RRX | 1.5 | 56.7 | 9.0 | 0 | \$539 | 66.7 | 45.2 | 58.3 | 31.5 |
| NK BRAND | S16-K2X | RRX | 1.6 | 55.6 | 8.8 | 0 | \$528 | 73.8 | 47.3 | 45.7 | 22.6 |
| NK BRAND | S13-E3 | E3 | 1.3 | 55.1 | 9.2 | 0 | \$523 | 71.0 | 42.8 | 51.5 | 29.2 |
| THUNDER | TE7013N | E3 | 1.3 | 55.1 | 9.0 | 0 | \$523 | 60.0 | 50.8 | 54.4 | 33.6 |
| TITAN PRO | 13GL0 | LLGT27 | 1.3 | 54.7 | 9.0 | 0 | \$520 | 60.8 | 55.9 | 47.5 | 28.2 |
| HEFTY | H16X1 | RRX | 1.6 | 54.5 | 8.7 | 0 | \$518 | 73.4 | 48.4 | 41.8 | 33.2 |
| TITAN PRO | 15GL9 | LLGT27 | 1.5 | 54.3 | 9.2 | 0 | \$516 | 60.5 | 44.0 | 58.5 | 31.5 |
| DAIRYLAND | DSR-1318E | E3 | 1.3 | 54.2 | 9.0 | 0 | \$515 | 69.2 | 47.9 | 45.6 | 27.9 |
| GENESIS | G1680GL | LLGT27 | 1.6 | 53.8 | 8.9 | 0 | \$512 | 66.3 | 44.7 | 50.5 | 42.8 |
| TITAN PRO | 13E9 | E3 | 1.3 | 53.6 | 9.0 | 2 | \$509 | 61.7 | 48.0 | 51.0 | 28.8 |
| STINE | 12EB32 U | E3 | 1.2 | 53.5 | 8.9 | 0 | \$509 | 65.8 | 46.4 | 48.4 | 47.7 |
| GOLDEN HARVEST | GH1362E3 | E3 | 1.3 | 53.4 | 9.0 | 0 | \$507 | 63.9 | 47.0 | 49.4 | 34.9 |
| CREDENZ | CZ 1660GTLL | LLGT27 | 1.6 | 53.3 | 9.0 | 0 | \$506 | 61.4 | 52.9 | 45.6 | 27.3 |
| ZINESTO | Z1301G | LLGT27 | 1.3 | 53.1 | 9.2 | 0 | \$504 | 64.1 | 53.4 | 41.7 | 26.1 |
| HEFTY | H14X8 | RRX | 1.4 | 52.6 | 8.9 | 0 | \$499 | 61.2 | 42.5 | 54.0 | 30.7 |
| GENESIS | G1340E | E3 | 1.3 | 52.3 | 9.0 | 0 | \$497 | 60.1 | 51.9 | 45.0 | 26.4 |
| GENESIS | G1650E | E3 | 1.6 | 52.3 | 8.9 | 2 | \$497 | 56.7 | 43.5 | 56.6 | 34.9 |
| APEX | AE1300 | E3 | 1.3 | 52.1 | 8.9 | 0 | \$495 | 55.3 | 46.0 | 54.9 | 37.4 |
| GOLDEN HARVEST | GH1638X | RRX | 1.6 | 52.0 | 8.9 | 0 | \$494 | 66.7 | 41.1 | 48.3 | 17.0 |
| ANDERSON | 159RXT | RRX | 1.5 | 51.5 | 8.7 | 0 | \$489 | 60.0 | 43.9 | 50.5 | 31.4 |
| LATHAM | L 1648 LLGT27 | LLGT27 | 1.6 | 51.2 | 9.0 | 0 | \$487 | 69.9 | 37.2 | 46.6 | 35.3 |
| LG SEEDS | 1550RX U | RRX | 1.5 | 51.0 | 8.9 | 0 | \$484 | 58.4 | 47.3 | 47.2 | 22.0 |
| GENESIS | G1450E | E3 | 1.4 | 51.0 | 9.1 | 0 | \$484 | 58.9 | 49.1 | 44.9 | 34.7 |
| GOLDEN HARVEST | GH1557E3 | E3 | 1.5 | 49.2 | 9.2 | 0 | \$467 | 59.2 | 42.3 | 46.1 | 22.5 |
| STINE | 19EA32 CK | E3 | 1.9 | 54.5 | 9.5 | 0 | \$518 | 59.9 | 50.0 | 53.7 | 28.2 |
| Averages = | | | | 52.4 | 9.0 | 0 | \$498 | 61.1 | 46.4 | 49.5 | 29.7 |
| LSD (0.10) = | | | | 6.3 | 0.3 | 0.8 | | 9.4 | 6.4 | 6.9 | 10.0 |

FULL-SEASON TEST | MATURITY GROUP 1.7-2.0 | Top 30 of 48 tested Results in BOLD are significantly above test average.

| | | | | | | | | | | | |
|----------------|-------------|--------|-----|-------------|------------|----------|--------------|-------------|-------------|-------------|-------------|
| NK BRAND | S20-J5X | RRX | 2.0 | 59.9 | 8.7 | 0 | \$569 | 75.2 | 53.7 | 50.8 | 27.8 |
| GOLDEN HARVEST | GH2011E3 U | E3 | 2.0 | 58.8 | 9.7 | 0 | \$559 | 68.3 | 53.7 | 54.4 | 27.7 |
| FEDERAL | F2090N | RRX | 2.0 | 57.9 | 9.3 | 0 | \$550 | 68.0 | 51.2 | 54.6 | 18.4 |
| TITAN PRO | 20E9 | E3 | 2.0 | 57.8 | 9.3 | 0 | \$549 | 73.4 | 55.5 | 44.5 | 34.7 |
| APEX | AE1910 | E3 | 1.9 | 56.1 | 9.4 | 4 | \$532 | 65.2 | 49.8 | 53.2 | 44.4 |
| NK BRAND | S20-E3 | E3 | 2.0 | 55.7 | 9.6 | 0 | \$529 | 64.9 | 50.9 | 51.2 | 38.1 |
| LATHAM | L 1858 R2 | RR2Y | 1.8 | 55.6 | 8.8 | 0 | \$528 | 63.4 | 52.8 | 50.5 | 42.1 |
| GOLDEN HARVEST | GH2041X | RRX | 2.0 | 55.4 | 8.7 | 0 | \$527 | 62.6 | 50.6 | 53.0 | 34.0 |
| LG SEEDS | 1834RX GC | RRX | 1.8 | 55.0 | 8.9 | 0 | \$522 | 69.6 | 51.9 | 43.3 | 32.5 |
| THUNDER | SB8818N | RRX | 1.8 | 54.9 | 9.1 | 0 | \$522 | 66.7 | 55.8 | 42.2 | 32.2 |
| ASGROW | AG17X8 U | RRX | 1.7 | 54.8 | 8.5 | 0 | \$521 | 65.2 | 56.5 | 42.7 | 32.1 |
| PIONEER | P18A98X U | RRX | 1.8 | 54.8 | 9.1 | 0 | \$520 | 66.6 | 54.5 | 43.2 | 34.7 |
| LATHAM | L 2084 R2 | RR2Y | 2.0 | 54.5 | 9.6 | 0 | \$518 | 70.5 | 51.0 | 42.1 | 30.1 |
| ASGROW | AG20X9 U | RRX | 2.0 | 54.4 | 9.0 | 0 | \$517 | 68.2 | 55.9 | 39.2 | 24.1 |
| FEDERAL | F1709N GC | LLGT27 | 1.7 | 53.9 | 9.2 | 0 | \$512 | 63.5 | 52.4 | 45.8 | 26.4 |
| LATHAM | L 1769 R2X | RRX | 1.7 | 53.8 | 8.8 | 0 | \$511 | 63.4 | 53.2 | 44.9 | 28.7 |
| THUNDER | TE7119N | E3 | 1.9 | 53.8 | 9.6 | 2 | \$511 | 65.2 | 54.6 | 41.6 | 23.0 |
| HEFTY | H18X1 | RRX | 1.8 | 53.8 | 9.0 | 1 | \$511 | 68.0 | 55.6 | 37.9 | 23.7 |
| FEDERAL | F2001N | E3 | 2.0 | 53.7 | 9.8 | 1 | \$510 | 59.9 | 46.5 | 54.6 | 20.3 |
| LATHAM | L 1948 R2X | RRX | 1.9 | 53.6 | 9.2 | 0 | \$509 | 72.0 | 49.8 | 39.0 | 37.7 |
| CREDENZ | CZ 2040GTLL | LLGT27 | 2.0 | 53.2 | 9.0 | 0 | \$506 | 59.1 | 49.3 | 51.4 | 27.1 |
| HEFTY | H17X9 | RRX | 1.7 | 53.1 | 8.7 | 0 | \$504 | 70.8 | 44.0 | 44.4 | 14.8 |
| GOLDEN HARVEST | GH1915X | RRX | 1.9 | 53.0 | 8.8 | 0 | \$503 | 70.2 | 49.7 | 39.1 | 33.5 |
| FEDERAL | F1909N | LLGT27 | 1.8 | 52.6 | 8.9 | 0 | \$500 | 69.5 | 48.3 | 40.0 | 17.3 |
| CREDENZ | CZ 1859GTLL | LLGT27 | 1.8 | 52.2 | 8.7 | 0 | \$495 | 67.4 | 47.5 | 41.5 | 26.6 |
| DYNA-GRO | S17EN80 | E3 | 1.7 | 52.1 | 9.4 | 0 | \$495 | 58.0 | 49.8 | 48.5 | 33.5 |
| GENESIS | G1950E | E3 | 1.9 | 52.1 | 9.6 | 0 | \$495 | 58.4 | 48.9 | 48.9 | 26.9 |
| APEX | AE1710 | E3 | 1.7 | 51.9 | 9.0 | 0 | \$493 | 52.3 | 52.2 | 51.3 | 16.9 |
| ASGROW | AG19X0 U | RRX | 1.9 | 51.7 | 9.3 | 0 | \$491 | 62.2 | 53.4 | 39.5 | 36.3 |
| ZINESTO | Z1701G | LLGT27 | 1.7 | 51.2 | 8.8 | 0 | \$486 | 56.4 | 49.5 | 47.7 | 26.6 |
| STINE | 19EA32 CK | E3 | 1.9 | 61.8 | 9.3 | 0 | \$587 | 78.0 | 57.2 | 50.2 | 33.8 |
| Averages = | | | | 52.6 | 9.2 | 1 | \$500 | 63.1 | 49.8 | 44.8 | 29.3 |
| LSD (0.10) = | | | | 5.4 | 0.6 | 2.3 | | 8.9 | 5.2 | 6.1 | 8.3 |

early- and full-season test results rejected, not included in summary.

Soybean Results: **MNSC** (See site description on page 16)

EARLY-SEASON TEST | MATURITY GROUP 1.5-1.8 | Top 30 of 48 tested Results in **BOLD** are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Cannon Falls | Madison Lake | Nerstrand# | Wabasso |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|--------------|--------------|-------------|-------------|
| HEFTY | H18X1 | RRX | 1.8 | 79.7 | 8.9 | 0 | \$757 | 71.8 | 81.6 | 50.6 | 85.6 |
| PIONEER | P15A88X U | RRX | 1.5 | 79.1 | 9.1 | 0 | \$751 | 72.2 | 81.6 | 49.2 | 83.4 |
| GOLD COUNTRY | 1609X | RRX | 1.6 | 78.3 | 9.3 | 0 | \$743 | 71.2 | 83.8 | 53.9 | 79.8 |
| GENESIS | G1680GL GC | LLGT27 | 1.6 | 78.1 | 9.1 | 0 | \$742 | 74.3 | 80.5 | 55.9 | 79.4 |
| LATHAM | L 1858 R2 | RR2Y | 1.8 | 77.4 | 9.2 | 0 | \$735 | 73.5 | 78.6 | 59.1 | 80.1 |
| HEFTY | H18X8 | RRX | 1.8 | 77.3 | 9.0 | 0 | \$735 | 75.7 | 74.4 | 56.4 | 81.9 |
| CREDENZ | CZ 1660GTL | LLGT27 | 1.6 | 76.7 | 9.0 | 0 | \$729 | 71.9 | 75.4 | 53.0 | 82.8 |
| TITAN PRO | 15GL9 | LLGT27 | 1.5 | 76.3 | 9.0 | 0 | \$725 | 72.1 | 79.0 | 54.5 | 77.9 |
| LOYAL | L1430E | E3 | 1.4 | 75.9 | 9.1 | 0 | \$721 | 71.6 | 78.1 | 51.2 | 77.9 |
| GENESIS | G1750E | E3 | 1.7 | 75.7 | 8.8 | 0 | \$719 | 73.8 | 75.0 | 51.8 | 78.2 |
| HEFTY | H16X1 | RRX | 1.6 | 75.6 | 9.1 | 0 | \$718 | 67.1 | 79.5 | 55.4 | 80.3 |
| RENK | RS181NX | RRX | 1.8 | 75.4 | 9.1 | 0 | \$716 | 68.0 | 78.5 | 47.6 | 79.5 |
| DYNA-GRO | S17EN80 | E3 | 1.7 | 75.3 | 10.1 | 0 | \$715 | 68.0 | 75.0 | 45.0 | 82.8 |
| GENESIS | G1650E | E3 | 1.6 | 74.9 | 8.6 | 0 | \$712 | 74.5 | 74.5 | 49.4 | 75.8 |
| NK BRAND | S14-U9X | RRX | 1.4 | 74.9 | 8.9 | 0 | \$712 | 68.6 | 76.4 | 39.3 | 79.7 |
| LATHAM | L 1758 E3 | E3 | 1.7 | 74.8 | 9.2 | 0 | \$710 | 69.4 | 75.4 | 54.8 | 79.5 |
| APEX | AE1710 | E3 | 1.7 | 74.6 | 8.9 | 0 | \$709 | 70.2 | 74.1 | 51.2 | 79.5 |
| ASGROW | AG17X8 U | RRX | 1.7 | 74.5 | 9.0 | 0 | \$708 | 68.8 | 77.4 | 44.7 | 77.3 |
| RENK | RS150NX | RRX | 1.5 | 74.1 | 8.9 | 0 | \$704 | 71.9 | 74.6 | 45.3 | 75.8 |
| LATHAM | L 1648 LLGT27 | LLGT27 | 1.6 | 73.7 | 9.1 | 0 | \$700 | 72.3 | 75.7 | 52.7 | 73.0 |
| TITAN PRO | 18E9 | E3 | 1.8 | 73.5 | 10.0 | 0 | \$699 | 66.0 | 74.6 | 43.9 | 80.0 |
| DYNA-GRO | S17XT29 | RRX | 1.7 | 73.5 | 9.0 | 0 | \$698 | 65.8 | 76.0 | 39.3 | 78.7 |
| PIONEER | P18A98X U | RRX | 1.8 | 73.3 | 8.8 | 0 | \$696 | 68.1 | 79.2 | 56.6 | 72.6 |
| STINE | 16EC32 U | E3 | 1.6 | 73.2 | 8.6 | 0 | \$695 | 65.2 | 75.1 | 51.7 | 79.4 |
| GENESIS | G1450E | E3 | 1.4 | 73.2 | 9.0 | 0 | \$696 | 65.7 | 75.4 | 49.8 | 78.6 |
| FEDERAL | F1709N | LLGT27 | 1.7 | 73.2 | 9.0 | 0 | \$695 | 70.4 | 76.7 | 52.2 | 72.4 |
| ANDERSON | 180RXT | RRX | 1.8 | 73.1 | 8.9 | 0 | \$695 | 66.2 | 72.0 | 47.9 | 81.2 |
| ZINESTO | Z1601E | E3 | 1.6 | 72.9 | 8.6 | 0 | \$693 | 67.2 | 76.8 | 52.4 | 74.7 |
| ZINESTO | Z1701G | LLGT27 | 1.7 | 72.8 | 8.9 | 0 | \$692 | 63.5 | 77.6 | 49.7 | 77.4 |
| GOLDEN HARVEST | GH1763E3 | E3 | 1.7 | 72.5 | 10.0 | 0 | \$689 | 62.0 | 74.8 | 45.7 | 80.7 |
| ASGROW | AG21X9 CK | RRX | 2.1 | 78.4 | 9.3 | 1 | \$745 | 72.5 | 78.6 | 55.6 | 84.2 |
| Averages = | | | | 72.5 | 9.1 | 0 | \$689 | 67.3 | 74.5 | 48.2 | 75.9 |
| LSD (0.10) = | | | | 3.6 | 0.4 | ns | | 4.2 | 4.1 | 2.5 | 4.3 |

FULL-SEASON TEST | MATURITY GROUP 1.9-2.2 | Top 30 of 48 tested Results in **BOLD** are significantly above test average.

| | | | | | | | | | | | |
|----------------|------------|--------|-----|-------------|------------|----|-------|-------------|-------------|-------------|-------------|
| STINE | 19EC32 U | E3 | 1.9 | 77.5 | 8.7 | 0 | \$737 | 74.6 | 75.6 | 63.6 | 82.4 |
| ZINESTO | Z2101G | LLGT27 | 2.1 | 77.4 | 9.1 | 0 | \$735 | 75.2 | 76.9 | 63.2 | 80.0 |
| ASGROW | AG20X9 U | RRX | 2.0 | 77.1 | 8.8 | 0 | \$732 | 76.0 | 75.3 | 61.4 | 80.0 |
| PIONEER | P21A28X U | RRX | 2.1 | 76.8 | 9.1 | 0 | \$729 | 71.8 | 73.8 | 68.4 | 84.7 |
| APEX | AE2110 | E3 | 2.1 | 76.6 | 9.0 | 0 | \$728 | 75.9 | 72.1 | 68.2 | 81.8 |
| LATHAM | L 2228 R2 | RR2Y | 2.2 | 76.3 | 9.2 | 0 | \$725 | 76.6 | 72.5 | 60.9 | 79.8 |
| GENESIS | G2150E | E3 | 2.1 | 76.3 | 9.1 | 0 | \$725 | 76.6 | 69.3 | 68.7 | 83.0 |
| LOYAL | L2130E | E3 | 2.1 | 75.9 | 9.2 | 0 | \$721 | 72.2 | 71.4 | 68.7 | 84.1 |
| VIKING | 2155N | CONV | 2.1 | 75.2 | 10.9 | 0 | \$714 | 76.0 | 75.8 | 72.3 | 73.8 |
| ZINESTO | Z2001E | E3 | 2.0 | 74.8 | 9.1 | 0 | \$710 | 69.7 | 73.3 | 65.1 | 81.4 |
| GENESIS | G2190GL | LLGT27 | 2.1 | 74.7 | 9.2 | 0 | \$709 | 74.6 | 71.1 | 63.5 | 78.3 |
| TITAN PRO | 20E9 | E3 | 2.0 | 74.6 | 9.5 | 0 | \$709 | 72.6 | 71.0 | 64.6 | 80.2 |
| ASGROW | AG19X0 U | RRX | 1.9 | 74.6 | 9.5 | 0 | \$709 | 70.3 | 75.7 | 60.9 | 77.8 |
| APEX | AE1910 | E3 | 1.9 | 74.4 | 8.7 | 0 | \$707 | 72.9 | 71.1 | 58.3 | 79.4 |
| GOLDEN HARVEST | GH2011E3 | E3 | 2.0 | 74.2 | 9.3 | 0 | \$705 | 72.1 | 70.9 | 65.6 | 79.7 |
| GOLD COUNTRY | 2249X | RRX | 2.2 | 74.1 | 10.3 | 0 | \$704 | 71.2 | 69.4 | 66.4 | 81.8 |
| LOYAL | L1930E | E3 | 1.9 | 73.9 | 8.9 | 0 | \$702 | 73.3 | 73.7 | 58.7 | 74.8 |
| LATHAM | L 2184 R2X | RRX | 2.1 | 73.4 | 8.9 | 0 | \$697 | 71.5 | 72.0 | 60.5 | 76.6 |
| GOLDEN HARVEST | GH1915X | RRX | 1.9 | 73.3 | 8.5 | 0 | \$696 | 69.0 | 75.1 | 58.1 | 75.8 |
| ANDERSON | 217RXT | RRX | 2.0 | 73.3 | 8.9 | 0 | \$696 | 70.1 | 71.7 | 60.1 | 78.1 |
| NK BRAND | S21-W8X U | RRX | 2.1 | 73.2 | 8.5 | 0 | \$695 | 68.5 | 72.4 | 65.7 | 78.6 |
| FEDERAL | F2001N | E3 | 2.0 | 73.1 | 9.1 | 0 | \$695 | 70.9 | 70.4 | 66.6 | 78.0 |
| DYNA-GRO | S19EN21 | E3 | 1.9 | 73.1 | 8.9 | 0 | \$694 | 72.1 | 69.2 | 60.6 | 78.0 |
| GENESIS | G1950E | E3 | 1.9 | 73.1 | 8.8 | 0 | \$694 | 68.3 | 74.5 | 59.7 | 76.4 |
| LEGEND | 19E152N GC | E3 | 1.9 | 73.0 | 9.5 | 0 | \$694 | 68.4 | 70.5 | 68.9 | 80.1 |
| ZINESTO | Z2101E | E3 | 2.1 | 73.0 | 9.3 | 0 | \$693 | 70.1 | 68.4 | 69.0 | 80.4 |
| ZINESTO | Z1900E | E3 | 1.9 | 72.7 | 9.5 | 0 | \$691 | 70.3 | 69.5 | 57.9 | 78.3 |
| NK BRAND | S20-J5X U | RRX | 2.0 | 72.7 | 8.5 | 0 | \$691 | 66.3 | 72.8 | 59.9 | 78.9 |
| DAIRYLAND | DSR-2112E | E3 | 2.1 | 72.3 | 11.0 | 0 | \$687 | 67.1 | 73.8 | 73.1 | 76.1 |
| LATHAM | L 2084 R2 | RR2Y | 2.0 | 72.0 | 9.0 | 0 | \$684 | 70.4 | 71.1 | 56.1 | 74.5 |
| ASGROW | AG21X9 CK | RRX | 2.1 | 72.0 | 9.0 | 0 | \$683 | 67.1 | 72.6 | 61.7 | 76.1 |
| Averages = | | | | 72.4 | 9.2 | 0 | \$687 | 69.8 | 70.2 | 62.6 | 77.1 |
| LSD (0.10) = | | | | 2.9 | 0.4 | ns | | 3.5 | 3.1 | 3.2 | 4.1 |

early- and full-season test results rejected, not included in summary, excluded due to hail damage.

Soybean Results: MNSO (See site description on page 16)

EARLY-SEASON TEST | MATURITY GROUP 1.6-1.9 | Top 30 of 48 tested Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Easton | Kasson | Lamberton | New Richland |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|-------------|-------------|-------------|--------------|
| LATHAM | L 1858 R2 | RR2Y | 1.8 | 78.1 | 8.3 | 0 | \$742 | 84.6 | 77.1 | 72.6 | 77.9 |
| HEFTY | H18X1 | RRX | 1.8 | 78.0 | 8.3 | 0 | \$741 | 83.3 | 79.5 | 68.7 | 80.5 |
| GOLD COUNTRY | 1609X | RRX | 1.6 | 77.7 | 8.7 | 0 | \$738 | 85.2 | 81.0 | 70.0 | 74.6 |
| GOLDEN HARVEST | GH1915X U | RRX | 1.9 | 77.4 | 7.9 | 0 | \$736 | 82.7 | 80.0 | 72.9 | 74.1 |
| LATHAM | L 1948 R2X | RRX | 1.9 | 76.5 | 8.7 | 0 | \$727 | 77.2 | 78.4 | 76.8 | 73.5 |
| ZINESTO | Z1701G | LLGT27 | 1.7 | 76.4 | 8.2 | 0 | \$726 | 84.3 | 73.5 | 70.7 | 77.0 |
| LEGEND | 19E152N GC | E3 | 1.9 | 76.0 | 9.2 | 0 | \$722 | 81.5 | 73.9 | 69.6 | 78.8 |
| ASGROW | AG19X0 U | RRX | 1.9 | 75.8 | 8.9 | 0 | \$720 | 80.0 | 73.9 | 72.8 | 76.5 |
| ANDERSON | 180RXT | RRX | 1.8 | 75.5 | 8.4 | 0 | \$718 | 77.4 | 77.8 | 70.3 | 76.6 |
| HEFTY | H18X8 | RRX | 1.8 | 75.4 | 8.4 | 0 | \$717 | 75.5 | 78.3 | 70.8 | 77.1 |
| RENK | RS181NX | RRX | 1.8 | 75.2 | 8.4 | 0 | \$714 | 79.3 | 78.2 | 67.6 | 75.7 |
| APEX | AE1710 | E3 | 1.7 | 75.0 | 8.1 | 0 | \$713 | 78.2 | 76.5 | 71.5 | 73.9 |
| DAIRYLAND | DSR-2030E | E3 | 1.9 | 74.9 | 8.8 | 0 | \$712 | 79.7 | 74.0 | 71.3 | 74.6 |
| GENESIS | G1680GL | LLGT27 | 1.6 | 74.8 | 8.5 | 0 | \$711 | 82.2 | 72.7 | 64.9 | 79.5 |
| CREDENZ | CZ 1660GTLL | LLGT27 | 1.6 | 74.8 | 8.7 | 0 | \$711 | 84.3 | 76.3 | 64.0 | 74.5 |
| TITAN PRO | 18E9 | E3 | 1.8 | 74.7 | 9.1 | 0 | \$710 | 82.3 | 74.2 | 65.9 | 76.5 |
| LATHAM | L 1648 LLGT27 | LLGT27 | 1.6 | 74.4 | 8.6 | 0 | \$707 | 83.9 | 72.9 | 70.4 | 70.2 |
| DYNA-GRO | S17XT29 | RRX | 1.7 | 74.3 | 8.5 | 0 | \$706 | 80.3 | 76.3 | 66.2 | 74.5 |
| HEFTY | H16X1 | RRX | 1.6 | 73.9 | 8.5 | 0 | \$702 | 83.2 | 74.5 | 63.0 | 75.0 |
| DYNA-GRO | S19XT30 | RRX | 1.9 | 73.8 | 8.7 | 0 | \$701 | 81.3 | 72.3 | 67.1 | 74.3 |
| LOYAL | L1930E | E3 | 1.9 | 73.7 | 8.5 | 0 | \$700 | 80.5 | 72.6 | 69.3 | 72.2 |
| DYNA-GRO | S17EN80 | E3 | 1.7 | 73.4 | 9.1 | 0 | \$698 | 77.3 | 72.7 | 65.7 | 78.1 |
| FEDERAL | F1909N | LLGT27 | 1.8 | 73.1 | 8.2 | 0 | \$695 | 79.6 | 72.0 | 68.3 | 72.5 |
| CREDENZ | CZ 1859GTLL | LLGT27 | 1.8 | 73.0 | 8.3 | 0 | \$694 | 81.2 | 70.9 | 70.6 | 69.3 |
| PIONEER | P18A98X U | RRX | 1.8 | 72.8 | 8.3 | 0 | \$692 | 74.6 | 71.1 | 72.3 | 73.3 |
| TITAN PRO | 17E0 | E3 | 1.7 | 72.4 | 8.4 | 0 | \$688 | 82.3 | 74.7 | 59.1 | 73.6 |
| GENESIS | G1750E | E3 | 1.7 | 72.2 | 8.1 | 0 | \$686 | 80.8 | 73.5 | 65.2 | 69.5 |
| ANDERSON | 179RXT | RRX | 1.7 | 72.2 | 8.4 | 0 | \$686 | 77.7 | 72.6 | 67.2 | 71.2 |
| NK BRAND | S19-2E3 | E3 | 1.9 | 71.8 | 8.2 | 0 | \$683 | 77.3 | 74.5 | 66.8 | 68.7 |
| ZINESTO | Z1601E | E3 | 1.6 | 71.6 | 8.2 | 0 | \$681 | 75.2 | 72.8 | 63.8 | 74.7 |
| CREDENZ | CZ 2121GTLL CK | LLGT27 | 2.1 | 77.7 | 8.9 | 0 | \$738 | 80.0 | 75.3 | 74.0 | 81.3 |
| Averages = | | | | 73.0 | 8.5 | 0 | \$694 | 79.2 | 73.4 | 66.4 | 73.2 |
| LSD (0.10) = | | | | 2.8 | 0.2 | ns | | 3.7 | 2.8 | 4.4 | 3.7 |

FULL-SEASON TEST | MATURITY GROUP 2.0-2.3 | Top 30 of 48 tested Results in BOLD are significantly above test average.

| | | | | | | | | | | | |
|----------------|----------------|--------|-----|-------------|------------|----|--------------|-------------|-------------|-------------|-------------|
| ASGROW | AG20X9 U | RRX | 2.0 | 79.7 | 9.0 | 0 | \$757 | 85.8 | 76.3 | 76.3 | 80.2 |
| APEX | AE2110 | E3 | 2.1 | 79.5 | 8.8 | 0 | \$756 | 84.8 | 78.4 | 73.0 | 81.9 |
| LATHAM | L 2295 R2X | RRX | 2.2 | 78.4 | 8.5 | 0 | \$744 | 82.3 | 77.2 | 72.6 | 81.3 |
| GENESIS | G2150E | E3 | 2.1 | 78.3 | 9.0 | 0 | \$744 | 86.0 | 78.2 | 68.0 | 81.0 |
| NK BRAND | S21-W8X U | RRX | 2.1 | 78.0 | 8.4 | 0 | \$741 | 86.1 | 76.6 | 73.2 | 76.1 |
| LOYAL | L2130E | E3 | 2.1 | 77.9 | 8.8 | 0 | \$740 | 84.0 | 79.9 | 72.2 | 75.5 |
| DYNA-GRO | S21EN81 | E3 | 2.1 | 77.8 | 8.9 | 0 | \$739 | 82.5 | 79.0 | 73.6 | 76.0 |
| TITAN PRO | 21E0 | E3 | 2.1 | 77.4 | 9.0 | 0 | \$735 | 89.2 | 75.6 | 68.2 | 76.4 |
| HEFTY | H23X0 | RRX | 2.3 | 76.7 | 9.7 | 0 | \$729 | 81.1 | 76.3 | 74.6 | 74.7 |
| LATHAM | L 2228 R2 | RR2Y | 2.2 | 76.6 | 8.7 | 0 | \$728 | 84.0 | 75.6 | 67.0 | 79.9 |
| NK BRAND | S20-J5X U | RRX | 2.0 | 76.5 | 8.4 | 0 | \$726 | 81.9 | 76.0 | 69.6 | 78.3 |
| GENESIS | G2190GL | LLGT27 | 2.1 | 76.2 | 8.9 | 0 | \$724 | 82.8 | 74.9 | 71.5 | 75.6 |
| DYNA-GRO | S21XT49 | RRX | 2.1 | 76.2 | 8.7 | 0 | \$724 | 82.7 | 76.4 | 72.1 | 73.6 |
| NK BRAND | S23-G5X | RRX | 2.3 | 75.9 | 8.6 | 0 | \$721 | 82.4 | 75.9 | 67.8 | 77.5 |
| ANDERSON | 217RXT | RRX | 2.0 | 75.6 | 8.8 | 0 | \$718 | 80.8 | 73.6 | 67.5 | 80.5 |
| PIONEER | P21A28X U | RRX | 2.1 | 75.2 | 8.9 | 0 | \$715 | 81.1 | 72.5 | 70.3 | 77.0 |
| HEFTY | H23X9 | RRX | 2.3 | 74.6 | 9.3 | 0 | \$709 | 87.1 | 73.8 | 63.9 | 73.7 |
| GOLD COUNTRY | 2249X | RRX | 2.2 | 74.6 | 9.8 | 0 | \$709 | 82.8 | 72.7 | 71.3 | 71.6 |
| GOLDEN HARVEST | GH2230X | RRX | 2.2 | 74.5 | 8.5 | 0 | \$708 | 78.4 | 76.1 | 68.8 | 74.5 |
| ASGROW | AG21X9 GC | RRX | 2.1 | 74.0 | 9.0 | 0 | \$704 | 78.4 | 72.6 | 68.1 | 77.0 |
| LATHAM | L 2184 R2X | RRX | 2.1 | 73.5 | 9.0 | 0 | \$698 | 74.9 | 71.6 | 67.9 | 79.5 |
| ZINESTO | Z2101E | E3 | 2.1 | 73.3 | 8.9 | 0 | \$697 | 82.3 | 74.7 | 62.3 | 73.9 |
| NUTECH | 20N03E | E3 | 2.0 | 73.2 | 9.1 | 0 | \$696 | 78.0 | 69.2 | 65.9 | 79.8 |
| CREDENZ | CZ 2040GTLL | LLGT27 | 2.0 | 73.1 | 8.5 | 0 | \$695 | 81.2 | 72.9 | 64.1 | 74.3 |
| NUTECH | 22N02E | E3 | 2.2 | 73.1 | 9.8 | 0 | \$694 | 77.4 | 71.0 | 70.6 | 73.3 |
| VIKING | 2155N | CONV | 2.1 | 72.6 | 10.8 | 1 | \$689 | 82.7 | 71.5 | 64.3 | 71.8 |
| CREDENZ | CZ 2360GTLL | LLGT27 | 2.3 | 72.5 | 9.3 | 0 | \$689 | 80.9 | 74.7 | 63.8 | 70.6 |
| TITAN PRO | 22E8 | E3 | 2.2 | 72.1 | 9.5 | 0 | \$685 | 81.2 | 71.7 | 68.2 | 67.4 |
| FEDERAL | F2090N | RRX | 2.0 | 71.9 | 8.8 | 0 | \$684 | 76.7 | 75.5 | 67.0 | 68.6 |
| DAIRYLAND | DSR-2112E | E3 | 2.1 | 71.9 | 10.1 | 0 | \$683 | 79.3 | 71.6 | 64.5 | 72.2 |
| CREDENZ | CZ 2121GTLL CK | LLGT27 | 2.1 | 78.4 | 9.0 | 0 | \$745 | 86.9 | 77.4 | 72.7 | 76.7 |
| Averages = | | | | 73.4 | 9.2 | 0 | \$697 | 80.5 | 73.0 | 67.2 | 73.3 |
| LSD (0.10) = | | | | 3.0 | 0.3 | ns | | 4.8 | 2.9 | 4.7 | 4.5 |

SOYBEAN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|--|------------|----------|-----|-----------|---|
| ANDERSON Anderson Seeds www.andersonseeds.com 37825 County Rd, 63 St, Peter, MN 56082 (507) 246-5032 | | | | | |
| 159RXT | RRX | 1.5 | MR | Untreated | MNCEa, MNSCa |
| 179RXT | RRX | 1.7 | MR | Untreated | MNCEb, MNSCa, MNSOa |
| 180RXT | RRX | 1.8 | MR | Untreated | MNSCa, MNSOa |
| 217RXT | RRX | 2.0 | MR | Untreated | MNSCb, MNSOb |
| A180E3 | E3 | 1.8 | NA | Untreated | MNSCa, MNSOa |
| A200E3 | E3 | 2.0 | NA | Untreated | MNSCb, MNSOb |
| APEX M.S. Technologies, L.L.C. www.mstechseed.com/ 103 Avenue D, West Point, IA 52656 (800) 362-2510 | | | | | |
| AE0810 | E3 | 0.8 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| AE1010 | E3 | 1.0 | R | CMBV,SA | MNNCb, RRSOa, SDNE |
| AE1210S | E3 | 1.2 | R | CMBV,SA | MNNCb, RRSOb, SDNE |
| AE1300 | E3 | 1.3 | R | CMBV,SA | MNCEa, MNNCb, RRSOb, SDNE |
| AE1410 | E3 | 1.4 | R | CMBV,SA | MNCEa, MNNCb, SDNE |
| AE1710 | E3 | 1.7 | R | CMBV,SA | IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNE |
| AE1910 | E3 | 1.9 | R | CMBV,SA | IANOa, IANWa, MNCEb, MNSCb, MNSOa, SDEC, WISO |
| AE2110 | E3 | 2.1 | R | CMBV,SA | IANCa, IANOa, IANWa, MNSCb, MNSOb, SDEC, SDSE, WISO |
| AE2310 | E3 | 2.3 | R | CMBV,SA | IANCa, IANOb, IANWa, IASCa, MNSOb, NCSL, SDEC, SDSE, WISO |
| ASGROW Asgrow Brand (Bayer CropScience) www.asgrow.com 800 N Lindbergh Blvd, St. Louis, MO 63167 (314) 694-1000 | | | | | |
| AG08X0 § | RRX | 0.8 | R | na | MNNCa, RRCE, RRSOa |
| AG11X8 § | RRX | 1.1 | R | na | MNNCb, RRSOb, SDNE |
| AG14X8 § | RRX | 1.4 | R | na | MNNCb, RRSOb, SDNE |
| AG17X8 § | RRX | 1.7 | R | ACi,IL | IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNE |
| AG19X0 § | RRX | 1.9 | R | ACi | MNCEb, MNSCb, MNSOa, WISO |
| AG20X9 § | RRX | 2.0 | R | ACi | IANOa, MNCEb, MNSCb, MNSOb, SDEC, WISO |
| AG21X9 CK | RRX | 2.1 | R | Treated | MNSCa, MNSCb |
| CREDENZ BASF www.agriculture.basf.com/us/en.html 26 Davis Dr, Research Triangle Park, NC 27709 (919) 547-2000 | | | | | |
| CZ 0419GTLL | LLGT27 | 0.4 | MR | PV,IL,OB | MNNCa, RRCE, RRNO |
| CZ 0729GTLL | LLGT27 | 0.7 | MR | PV,IL,OB | MNNCa, RRCE, RRSOa |
| CZ 1139GTLL | LLGT27 | 1.1 | MR | PV,IL,OB | MNNCb, RRSOb |
| CZ 1660GTLL | LLGT27 | 1.6 | MR | PV,IL,OB | MNCEa, MNSCa, MNSOa, SDEC, SDNE |
| CZ 1859GTLL | LLGT27 | 1.8 | R | PV,IL,OB | IANOa, MNCEb, MNSCa, MNSOa, SDNE |
| CZ 2040GTLL | LLGT27 | 2.0 | R | PV,IL,OB | IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC |
| CZ 2121GTLL CK | LLGT27 | 2.1 | MR | PV,IL,OB | MNSOa, MNSOb |
| CZ 2360GTLL | LLGT27 | 2.3 | MR | PV,IL,OB | IANCa, IANOb, IANWa, IASCa, MNSCb, MNSOb, SDEC, SDSE |
| DAIRYLAND Dairyland Seed Co., Inc. (Corteva Agriscience) www.dairylandseed.com PO Box 958, West Bend, WI 53095 (800) 236-0163 | | | | | |
| DSR-0645E | E3 | 0.6 | R | Lum,Lu,IL | MNNCa |
| DSR-0717E | E3 | 0.7 | S | Lum,Lu,IL | MNNCa |

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|---|------------|----------|-----|-----------|---|
| DSR-0847E | E3 | 0.8 | MR | Lum,Lu,IL | MNNCa |
| DSR-0920E | E3 | 0.9 | R | Lum,Lu,IL | MNNCa |
| DSR-1032E | E3 | 1.0 | R | Lum,Lu,IL | MNNCb, SDNE |
| DSR-1318E | E3 | 1.3 | R | Lum,Lu,IL | MNCEa, MNNCb, SDNE |
| DSR-1673E | E3 | 1.6 | R | Lum,Lu,IL | MNCEa, MNSCa, MNSOa, SDEC, SDNE |
| DSR-2030E | E3 | 1.9 | R | Lum,Lu,IL | MNCEb, MNSCb, MNSOa, SDEC, WISO |
| DSR-2112E | E3 | 2.1 | R | Lum,Lu,IL | MNSCb, MNSOb, SDEC, WISO |
| DSR-2259E | E3 | 2.2 | R | Lum,Lu,IL | MNSCb, MNSOb, NCSL, SDEC, WISO |
| E20-101E | E3 | 2.2 | R | Lum,Lu,IL | MNSCb, MNSOb, SDEC, WISO |
| E24-201E | E3 | 2.3 | R | Lum,Lu,IL | MNSOb, NCSL, SDEC, WISO |
| DYNA-GRO Dyna-Gro Seed (Nutrien Ag Solutions) www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538 (970) 685-3300 | | | | | |
| S10XT71 | RRX | 1.0 | R | EQV,SA | MNNCb, RRSOa |
| S11EN40 | E3 | 1.1 | R | EQV,SA | MNNCb, RRSOb, SDNE |
| S13XT89 | RRX | 1.3 | R | EQV,SA | MNNCb |
| S14EN90 | E3 | 1.4 | R | EQV,SA | MNCEa, MNNCb, RRSOb |
| S17EN80 | E3 | 1.7 | R | EQV,SA | MNCEb, MNSCa, MNSOa, SDEC, SDNE |
| S17XT29 | RRX | 1.7 | R | EQV,SA | MNCEb, MNSCa, MNSOa |
| S19EN21 | E3 | 1.9 | R | EQV,SA | MNSCb |
| S19XT30 | RRX | 1.9 | R | EQV,SA | MNCEb, MNSCb, MNSOa, SDEC |
| S21EN81 | E3 | 2.1 | R | EQV,SA | MNSOb |
| S21XT49 | RRX | 2.1 | R | EQV,SA | MNSCb, MNSOb |
| FEDERAL Federal Hybrids www.federalhybrids.com 209 3rd St NE, West Bend, IA 50597 (515) 887-5888 | | | | | |
| F1401N | E3 | 1.4 | R | Untreated | MNNCb |
| F1509N | LLGT27 | 1.5 | R | Untreated | MNNCb |
| F1601N | E3 | 1.6 | NA | Untreated | MNSCa |
| F1709N | LLGT27 | 1.7 | R | Untreated | MNSCa |
| F1901N | E3 | 1.9 | R | Untreated | MNCEb, MNSCb, MNSOa |
| F1909N | LLGT27 | 1.8 | R | Untreated | MNCEb, MNSOa |
| F2001N | E3 | 2.0 | R | Untreated | MNCEb, MNSCb |
| F2090N | RRX | 2.0 | R | Untreated | MNCEb, MNSOb |
| F2201N | E3 | 2.2 | R | Untreated | MNSCb, MNSOb |
| GENESIS M.S. Technologies, L.L.C. www.mstechseed.com/ 103 Avenue D, West Point, IA 52656 (800) 362-2510 | | | | | |
| G0850E | E3 | 0.8 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| G1050E | E3 | 1.0 | R | CMBV,SA | MNNCb, RRSOa, SDNE |
| G1250ES | E3 | 1.2 | R | CMBV,SA | MNNCb, RRSOb, SDNE |
| G1340E | E3 | 1.3 | R | CMBV,SA | MNCEa, MNNCb, RRSOb, SDNE |
| G1450E | E3 | 1.4 | R | CMBV,SA | MNCEa, MNNCb, MNSCa, SDNE |
| G1650E | E3 | 1.6 | R | CMBV,SA | MNCEa, MNSCa, MNSOa, SDEC, SDNE |
| G1680GL | LLGT27 | 1.6 | R | EcTC | MNCEa, MNSOa |
| G1750E | E3 | 1.7 | R | CMBV,SA | IANOa, MNSCa, MNSOa, SDNE |
| G1950E | E3 | 1.9 | R | CMBV,SA | IANOa, IANWa, MNCEb, MNSCb, MNSOa, SDEC, WISO |
| G2150E | E3 | 2.1 | R | CMBV,SA | IANCa, IANOa, IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE, WISO |

SOYBEAN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|---------------|------------|----------|-----|---------|--|
| G2190GL | LLGT27 | 2.1 | R | EcTC,SA | IANCa, IAN0a, IANWa, MNSCb, MNSOb, WISO |
| G2350E | E3 | 2.3 | R | CMBV,SA | IANCa, IANOb, IANWa, MNSOb, NCSL, SDEC, SDSE, WISO |

GOLD COUNTRY | Gold Country Seed (Bayer CropScience)

www.goldcountryseed.com
16506 MN-15, Hutchinson, MN 55350 | (320) 587-1050



| | | | | | |
|-------|-----|-----|---|--------|--------------|
| 1360X | RRX | 1.3 | R | ACi,IL | MNCEa, MNNCb |
| 1609X | RRX | 1.6 | R | ACi,IL | MNSCa, MNSOa |
| 2249X | RRX | 2.2 | R | ACi,IL | MNSCb, MNSOb |

GOLDEN HARVEST | Golden Harvest Brand (Syngenta)

www.goldenharvestseeds.com
2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 | (800) 944-7333



| | | | | | |
|------------|-----|-----|----|---------|---------------------------|
| GH0749X | RRX | 0.7 | MR | CMBV,SA | MNNCa, RRCE, RRSOa |
| GH1012E3 § | E3 | 1.0 | R | CMBV,SA | MNNCb, RRSOa |
| GH1225X | RRX | 1.2 | R | CMBV,SA | MNNCb, RRSOb |
| GH1362E3 | E3 | 1.3 | R | CMBV,SA | MNCEa |
| GH1557E3 | E3 | 1.5 | R | CMBV,SA | MNCEa |
| GH1638X | RRX | 1.6 | MR | CMBV,SA | MNCEa, MNSOa, SDEC, SDNE |
| GH1763E3 | E3 | 1.7 | MR | CMBV,SA | MNSCa |
| GH1915X | RRX | 1.9 | R | CMBV,SA | IAN0a, MNCEb, MNSCb, WISO |
| GH2011E3 | E3 | 2.0 | MR | CMBV,SA | MNSCb, MNSOb |
| GH2041X | RRX | 2.0 | R | CMBV,SA | IAN0a, MNCEb |
| GH2230X | RRX | 2.2 | R | CMBV,SA | IANCa, IASCa, MNSOb, WISO |

HCI | Huron Commodities International

www.huron.com
75 Wellington St, Clinton, Ontario N0M 1L0 | 011 (519) 482-8400



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|----------|------|-----|----|-----------|-------|
| HC-02 GC | CONV | 0.2 | NA | Untreated | MNSCa |
|----------|------|-----|----|-----------|-------|

HEFTY | Hefty Seed Company

www.heftyseed.com
47504 252nd St, Baltic, SD 57003 | (866) 769-7200



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|-------|-----|-----|----|-----|--|
| H10X9 | RRX | 1.0 | MR | HCS | MNNCb |
| H11X8 | RRX | 1.1 | MR | HCS | MNNCb, SDNE |
| H13X7 | RRX | 1.3 | MR | HCS | MNNCb |
| H14X8 | RRX | 1.4 | MR | HCS | MNCEa, MNNCb, SDNE |
| H16X1 | RRX | 1.6 | R | HCS | MNCEa, MNSCa, MNSOa, SDEC, SDNE |
| H17X9 | RRX | 1.7 | MR | HCS | IAN0a, MNCEb, MNSCa, MNSOa, SDNE |
| H18X1 | RRX | 1.8 | R | HCS | IAN0a, MNCEb, MNSCa, MNSOa, SDEC |
| H18X8 | RRX | 1.8 | MR | HCS | IAN0a, MNSCa, MNSOa, SDEC |
| H23X0 | RRX | 2.3 | R | HCS | IANCa, IANOb, IANWa, MNSOb, NCSL, SDEC, SDSE |
| H23X9 | RRX | 2.3 | MR | HCS | IANCa, IANOb, IANWa, MNSOb |

LATHAM | Latham Hi-Tech Seeds

www.lathamseeds.com
131 180th St, Alexander, IA 50420 | (877) 465-2842



| | | | | | |
|---------------|--------|-----|---|-----|---------------------------|
| L 0852 LLGT27 | LLGT27 | 0.8 | S | SS+ | MNNCa, RRCE, RRSOa |
| L 0982 R2 | RR2Y | 0.9 | R | SS+ | MNNCa, RRCE |
| L 1085 LLGT27 | LLGT27 | 1.0 | R | SS+ | MNNCb, RRSOa, SDNE |
| L 1094 E3 | E3 | 1.0 | R | SS+ | MNNCb, RRSOa, SDNE |
| L 1392 E3 | E3 | 1.3 | R | SS+ | MNNCb, RRSOb, SDNE |
| L 1429 LLGT27 | LLGT27 | 1.4 | R | SS+ | MNNCb, RRSOb, SDNE |
| L 1482 R2X | RRX | 1.4 | R | SS+ | MNNCb, SDNE |
| L 1595 E3 | E3 | 1.5 | R | SS+ | MNNCb |
| L 1648 LLGT27 | LLGT27 | 1.6 | R | SS+ | MNCEa, MNSCa, MNSOa, SDNE |

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|---------------|------------|----------|-----|------|---|
| L 1758 E3 | E3 | 1.7 | R | SS+ | MNCEb, MNSCa, MNSOa, SDNE |
| L 1769 R2X | RRX | 1.7 | R | SS+ | MNCEb, MNSCa |
| L 1858 R2 | RR2Y | 1.8 | R | SS+ | IAN0a, MNCEb, MNSCa, MNSOa, SDEC |
| L 1948 R2X | RRX | 1.9 | R | SS+ | MNCEb, MNSOa |
| L 1995 E3 | E3 | 1.9 | R | SS+ | MNCEb |
| L 2049 E3 | E3 | 2.0 | R | SS+ | IAN0a, MNCEb, SDEC |
| L 2084 R2 | RR2Y | 2.0 | R | SS | MNCEb, MNSCb |
| L 2184 R2X | RRX | 2.1 | R | SS+ | IANCa, IAN0a, IANWa, MNSCb, MNSOb, SDEC |
| L 2193 E3 | E3 | 2.1 | R | SS+ | IAN0a, MNSCb, SDEC |
| L 2228 R2 | RR2Y | 2.2 | R | SS+ | IANCa, IANOb, IANWa, MNSCb, MNSOb, SDEC, WISO |
| L 2295 R2X | RRX | 2.2 | R | SS+ | IANOb, IANWa, MNSOb, SDEC, WISO |
| L 2379 E3 | E3 | 2.3 | R | SS+ | IANCa, IANOb, IASCa, MNSOb, SDEC, SDSE, WISO |

LEGEND | Legend Seeds, Inc.

www.legendseeds.net
PO Box 241, De Smet, SD 57231 | (800) 678-3346



| | | | | | |
|------------|----|-----|----|-----|--------------|
| 19E152N GC | E3 | 1.9 | NA | YPP | MNSCb, MNSOa |
|------------|----|-----|----|-----|--------------|

LG SEEDS | LG Seeds (AgReliant Genetics, LLC)

www.lgseeds.com
22827 Shissler Rd, Elmwood, IL 61529 | (800) 752-6847



| | | | | | |
|-----------|-----|-----|---|----|-------------|
| 100RX GC | RRX | 1.0 | R | na | MNNCb |
| 1550RX GC | RRX | 1.5 | R | na | MNNCb, SDNE |
| 1834RX GC | RRX | 1.8 | R | na | MNCEb |

LOYAL | M.S. Technologies, L.L.C.

www.mstechseed.com/
103 Avenue D, West Point, IA 52656 | (800) 362-2510



| | | | | | |
|--------|----|-----|---|---------|---|
| L0830E | E3 | 0.8 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| L1030E | E3 | 1.0 | R | CMBV,SA | MNNCb, RRSOa, SDNE |
| L1320E | E3 | 1.3 | R | CMBV,SA | MNCEa, MNNCb, RRSOb, SDNE |
| L1430E | E3 | 1.4 | R | CMBV,SA | MNCEa, MNNCb, MNSCa, SDNE |
| L1930E | E3 | 1.9 | R | CMBV,SA | MNCEb, MNSCb, MNSOa, SDEC, WISO |
| L2130E | E3 | 2.1 | R | CMBV,SA | IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE, WISO |

NK BRAND | NK Brand (Syngenta)

www.nkseeds.com
2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 | (800) 258-0521



| | | | | | |
|-----------|------|-----|----|-----------|---|
| S04-K9 GC | CONV | 0.4 | R | ViM,NO | MNSCa |
| S07-Q4X § | RRX | 0.7 | MR | CMBV,SA | MNNCa, RRSOa |
| S09-3E3 | E3 | 0.9 | NA | CMBV,SA | MNNCa, RRCE, RRSOa |
| S09-D4X § | RRX | 0.9 | S | CMBV,SA | MNNCa |
| S10-E3 | E3 | 1.0 | R | CMBV,SA | MNNCb, RRSOa |
| S12-T2X | RRX | 1.2 | MR | CMBV,SA | MNNCb, RRSOb, SDNE |
| S13-E3 | E3 | 1.3 | MR | CMBV,SA | MNCEa, MNNCb |
| S14-U9X | RRX | 1.4 | MR | CMBV,SA | MNNCb, MNSCa, RRSOb |
| S15-3E3 | E3 | 1.5 | R | CMBV,SA | MNNCb |
| S16-K2X | RRX | 1.6 | MR | CMBV,SA | IAN0a, MNCEa, MNSCa, MNSOa, SDEC, SDNE |
| S18-R6 GC | CONV | 1.8 | R | Untreated | MNSCa |
| S19-2E3 | E3 | 1.9 | R | CMBV,SA | MNSOa |
| S20-E3 | E3 | 2.0 | MR | CMBV,SA | MNCEb |
| S20-J5X | RRX | 2.0 | R | CMBV,SA | IAN0a, MNCEb |
| S21-W8X § | RRX | 2.1 | R | CMBV,SA | IANCa, IANWa, MNSCb, MNSOb, NCSL, SDSE, WISO |
| S23-G5X | RRX | 2.3 | MR | CMBV,SA | IANCa, IANOb, IANWa, IASCa, MNSOb, NCSL, SDEC, SDSE, WISO |

SOYBEAN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|--|------------|----------|-----|-----------|---------------------------------|
| NUTECH NuTech Seed, LLC (Corteva Agriscience) | | | | | |
| www.nutechseed.com 201 Knollwood Dr, Champaign, IL 61820 (888) 647-3478 | | | | | |
| 16N03E | E3 | 1.7 | R | Lum,G,IL | IANOa, MNSOa |
| 20N03E | E3 | 2.0 | R | Lum,G,IL | IANOa, MNSOb |
| 20N04E | E3 | 2.0 | R | Lum,G,IL | IANOa, MNSOb |
| 22N02E | E3 | 2.2 | R | Lum,G,IL | IANCa, IANOb, MNSOb |
| PIONEER DuPont Pioneer (Corteva Agriscience) | | | | | |
| www.pioneer.com PO Box 454, Johnston, IA 50131 (800) 247-6803 | | | | | |
| P09A53X § | RRX | 0.9 | NA | na | MNNCa |
| P11A44X § | RRX | 1.1 | R | na | MNNCb |
| P15A88X § | RRX | 1.5 | R | Lum,Lu | MNCEa, MNNCb, MNSCa |
| P18A98X § | RRX | 1.8 | R | Lum,Lu | IANWa, MNCEb, MNSCa, MNSOa |
| P20T64E GC | E3 | 1.9 | R | na | MNCEb, SDEC |
| P21A28X § | RRX | 2.1 | R | Lum,Lu | MNSCb, MNSOb, WISO |
| PROSEED Proseed, Inc. | | | | | |
| www.proseed.net 705 E Brewster, Harvey, ND 58341 (800) 776-3121 | | | | | |
| EL20-73 | E3 | 0.7 | R | na | MNNCa, RRCE, RRSOa |
| EL21-03 | E3 | 1.0 | R | na | MNNCb, RRSOa, SDNE |
| EL21-23 | E3 | 1.2 | R | na | MNNCb, RRSOb, SDNE |
| EL91-33 | E3 | 1.3 | R | na | MNCEa, MNNCb, RRSOb, SDNE |
| PROSEEDS PROSeeds (Sevita International) | | | | | |
| www.sevita.com 11451 Cameron Rd, Inkerman, Ontario K0E 1J0 (613) 989-3000 | | | | | |
| SKYLINE GC | CONV | 1.1 | R | Untreated | MNSCa |
| RENK Renk Seed Co. | | | | | |
| www.renkseed.com 6809 Wilburn Rd, Sun Prairie, WI 53590 (800) BUY-RENK | | | | | |
| RS149NX | RRX | 1.4 | R | EcTC | MNCEa, SDNE |
| RS150NX | RRX | 1.5 | R | EcTC | MNCEa, MNSCa, SDNE |
| RS181NX | RRX | 1.8 | R | EcTC | IANOa, MNSCa, MNSOa, SDEC, WISO |
| STINE Stine Seed Company | | | | | |
| www.stinseed.com 22555 Laredo Trail Adel, IA 50003 (800) 362-2510 | | | | | |
| 06EC23 § | E3 | 0.6 | R | na | MNNCa, RRCE, RRSOa |
| 09EA02 § | E3 | 0.9 | R | na | MNNCa, RRCE, RRSOa |
| 10EC20 § | E3 | 1.0 | R | na | MNNCb, RRSOa |
| 12EB32 § | E3 | 1.2 | R | na | MNCEa, SDNE |
| 13EA12 § | E3 | 1.3 | R | na | MNCEa, SDNE |
| 14EB26 CK | E3 | 1.4 | R | na | MNNCa, MNNCb |
| 16EC32 § | E3 | 1.6 | R | VFI,SA | MNSCa |
| 19EA32 CK | E3 | 1.9 | R | na | MNCEa, MNCEb |
| 19EC32 § | E3 | 1.9 | R | VFI,SA | IANWa, MNSCb, SDEC, WISO |
| 21EA32 § | E3 | 2.1 | R | na | IANCa, IANOa, MNSOb, NCSL, WISO |
| 23EA32 § | E3 | 2.3 | R | VFI,SA | IANCa, IANOb, MNSOb |
| THUNDER Thunder Seed, Inc. | | | | | |
| www.thunderseed.com 806 Center Ave, W Dilworth, MN 56529 (888) 684-8633 | | | | | |
| SB8009N | RRX | 0.9 | R | na | MNNCa, RRSOa |
| SB8010N | RRX | 1.0 | R | na | MNNCb, RRSOa, SDNE |
| SB8012N | RRX | 1.2 | R | na | MNNCb, RRSOb, SDNE |

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|---|------------|----------|-----|-----------|---|
| SB8015N | RRX | 1.5 | R | na | MNCEa, SDNE |
| SB8807N | RRX | 0.7 | R | na | MNNCa, RRCE, RRSOa |
| SB8818N | RRX | 1.8 | R | na | MNCEb, SDEC |
| SB8906N | RRX | 0.6 | R | na | MNNCa, RRCE |
| TE7011N | E3 | 1.1 | R | na | MNNCb, RRSOb, SDNE |
| TE7013N | E3 | 1.3 | R | na | MNCEa, RRSOb, SDNE |
| TE7107N | E3 | 0.7 | R | na | MNNCa, RRCE, RRSOa |
| TE7110N | E3 | 1.0 | R | na | MNNCb, RRSOa, SDNE |
| TE7117N | E3 | 1.7 | R | na | MNCEb, SDEC, SDNE |
| TE7119N | E3 | 1.9 | R | na | MNCEb, SDEC |
| TITAN PRO Titan Pro SCI, Inc. | | | | | |
| www.titanprosci.com 1301 S 24th St, Clear Lake, IA 50428 (641) 357-7283 | | | | | |
| 13E9 | E3 | 1.3 | R | SA,A,R,G | MNCEa, RRSOb |
| 13GL0 | LLGT27 | 1.3 | R | SA,A,R,G | MNCEa, MNNCb, RRSOb |
| 15E0 | E3 | 1.5 | R | SA,A,R,G | MNCEa, MNNCb, MNSCa, MNSOa |
| 15GL9 | LLGT27 | 1.5 | R | SA,A,R,G | MNCEa, MNNCb, MNSCa, SDNE |
| 17E0 | E3 | 1.7 | R | SA,A,R,G | IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNE, WISO |
| 18E9 | E3 | 1.8 | R | SA,A,R,G | IANOa, MNCEb, MNSCa, MNSOa, WISO |
| 19E0 | E3 | 1.9 | R | SA,A,R,G | IANOa, IANWa, MNCEb, MNSCb, MNSOa, SDEC, WISO |
| 20E9 | E3 | 2.0 | R | SA,A,R,G | IANWa, MNCEb, MNSCb, MNSOb, WISO |
| 21E0 | E3 | 2.1 | R | SA,A,R,G | IANCa, IANOa, IANWa, MNSCb, MNSOb, NCSL, SDSE, WISO |
| 22E8 | E3 | 2.2 | R | SA,A,R,G | IANCa, IANOb, IANWa, MNSCb, MNSOb, NCSL, SDEC, WISO |
| VIKING Viking (Albert Lea Seed House, Inc.) | | | | | |
| www.alseed.com/viking/ 1414 W Main St, Albert Lea, MN 56007 (800) 352-5247 | | | | | |
| 1518N | CONV | 1.5 | MR | Untreated | MNSCa |
| 1940KN | CONV | 1.9 | R | AM | MNSCb, MNSOa |
| 2018N | CONV | 2.0 | MR | CMBV | IANOa, MNSCb, MNSOb |
| 2155N | CONV | 2.1 | MR | CMBV | IANOa, MNSCb, MNSOb |
| 2340KN | CONV | 2.3 | R | CMBV | IANOb, MNSOb |
| ZINESTO M.S. Technologies L.L.C. | | | | | |
| www.zinestoseed.com 103 Avenue D, West Point, IA 52656 (800) 352-2510 | | | | | |
| Z0601E | E3 | 0.6 | R | na | MNNCa, RRCE, RRSOa |
| Z0701E | E3 | 0.7 | R | na | MNNCa, RRCE, RRSOa |
| Z1001E | E3 | 1.0 | R | na | MNNCb, RRSOa, SDNE |
| Z1101E | E3 | 1.1 | R | na | MNNCb, RRSOb, SDNE |
| Z1301G | LLGT27 | 1.3 | R | na | MNCEa, MNNCb, RRSOb, SDNE |
| Z1400E | E3 | 1.4 | R | na | MNCEa, MNNCb, SDNE |
| Z1601E | E3 | 1.6 | R | DST | MNCEa, MNSCa, MNSOa, SDEC, SDNE |
| Z1701G | LLGT27 | 1.7 | R | DST | MNCEb, MNSCa, MNSOa, SDEC, SDNE |
| Z1801E | E3 | 1.8 | R | DST | IANOa, MNCEb, MNSOa, SDEC |
| Z1900E | E3 | 1.9 | R | DST | MNSCb |
| Z2001E | E3 | 2.0 | R | DST | IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC |
| Z2101E | E3 | 2.1 | R | DST | IANCa, IANOa, MNSCb, MNSOb, NCSL, SDSE |
| Z2101G | LLGT27 | 2.1 | R | DST | IANWa, MNSCb, SDSE |

EFG, LLC
P.O. Box 1001
Urbana, IL 61803

INDEPENDENT YIELD TRIALS LOCAL RESULTS



More information available at www.firstseedtests.com

| Product | Yield (bu/acre) | Yield Advantage (bu/acre) | Field Conditions |
|-----------|-----------------|---------------------------|------------------|
| Product A | 150 | 10 | Good |
| Product B | 140 | 5 | Fair |
| Product C | 130 | 0 | Poor |

Harvest Reports and **Region Summaries** provide field and multi-county summaries of corn grain, soybean, and corn silage yield performance from locations that are representative of their areas. Find your local test results using interactive maps online. Sign up for free to receive email with links to the latest harvest reports at www.firstseedtest.com/signup/

Performance Summaries highlight the results from regions operated by our Field Managers (see introduction on the front cover). Yield performances of the Top 30 products are compiled to help you **FIND THE BEST SEED PRODUCTS** for your farm. All editions are available at www.firstseedtests.com/national-summary-reports/



NEW! Product Search provides all the yield results for individual corn grain and soybean products. Look up a product to review all of its FIRST tests including yield and yield advantage, field conditions, and report links at www.firstseedtests.com/product-search/