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2021 Performance Summary

Central and Southern Minnesota



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Summary of the 2021 Season



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Summary of the 2021 Season

We are pleased to provide this summary of Farmers' Independent Research of Seed Technologies (FIRST) corn and soybean yield trials in southern and central Minnesota. The FIRST program is celebrating its 25th year of operations in 2021. The continuing goal of the program is to deliver timely, unbiased comparisons of innovative seed genetics to improve yield and profitability for American farmers.

The 2021 planting season offered some great opportunities to get plots in the ground early. We started on April 24 and were finished planting by May 11 in the south and May 15 in north central MN. Memorial Day week-end saw a serious cold snap, though we were fortunate to have good stands and few emergence delays. However, that was followed by a very hot and dry June in the entire region. Roots went deep in search of water. Drought conditions were prevalent in north central Minnesota. Further south, rains returned in July to help revive the plants and get them going again. Most sites in this report were more than 10 inches below normal rainfall on the season.

There were some powerful wind storms in August and September that caused extensive lodging at several sites. Stalk strength was somewhat weak at harvest, with some Tar Spot showing up late in the

season. The drought really took a toll on the corn and soybean yields in north central Minnesota. Several locations were highly variable from drought stress, and in some cases there was too little grain to measure. The drought conditions exacerbated some herbicide drift problems, leading to soybean plot damage to non-tolerant seed products. Corn yields were better further south. Some farmers reported excellent bean yields and their best overall corn yields ever, though much depended on whether the field caught rain during July and August. Seed genetics have improved greatly over time. After several years of wet conditions that still produced good yields, 2021 saw a shortage of moisture that still produced amazing yields in most cases.

We would like to thank all of our host farmers and seed companies for the time, effort and communication that they provide to help us conduct these trials in a professional and timely fashion. Their support and dedication towards the program have allowed us to supply all producers with a valuable tool when it comes to making good, solid seed selections for next year's crop.

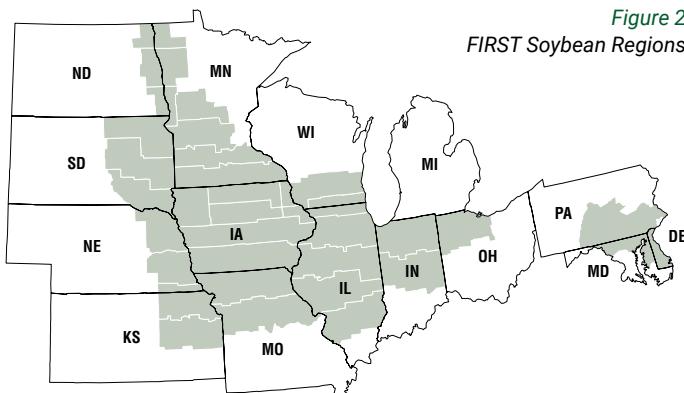
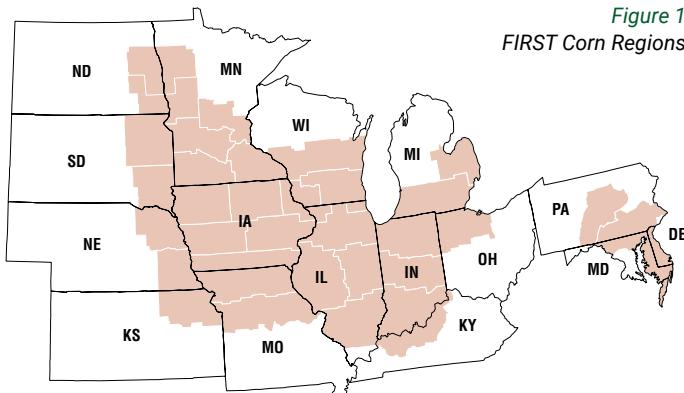
Mark Querna and Ed Dahle

FIRST Testing Methodology and Procedures

TESTING PROGRAM

Our testing program compares corn and soybean seed product yield and agronomic performance in grower fields across 16 states: Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, 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., 106 to 116 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.



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. 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. A1234 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.

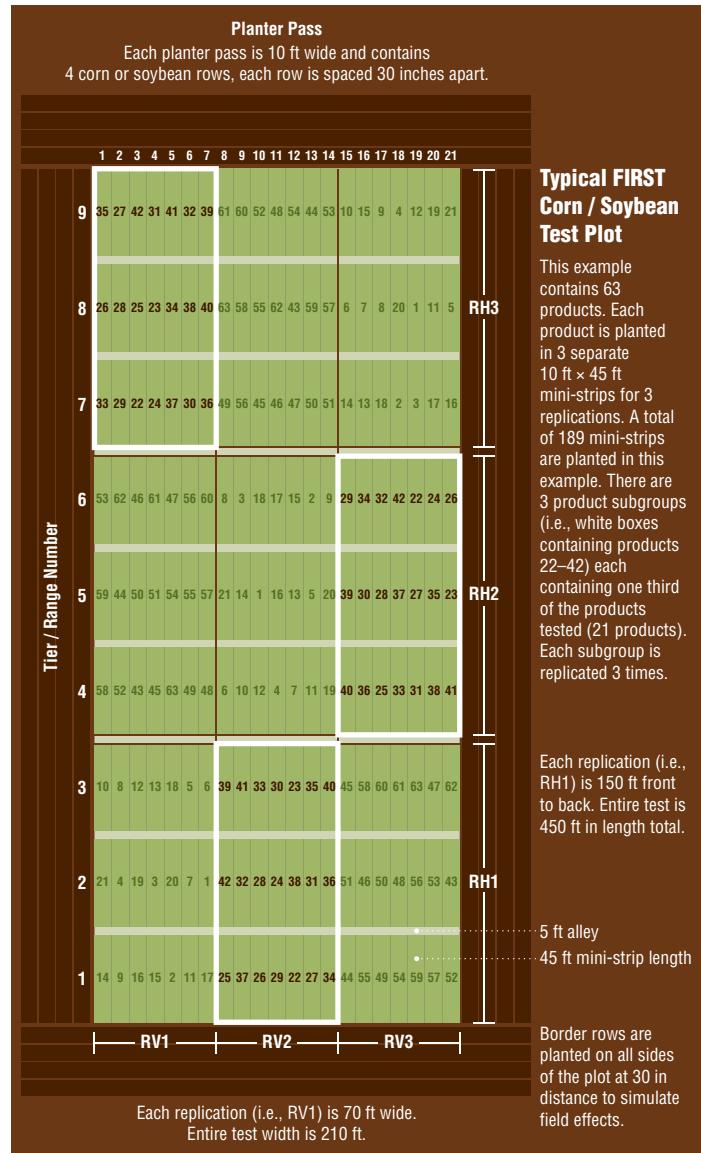
Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

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



TESTING METHODOLOGY

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 Region 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) 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.

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 Region Summary Reports are compiled here for 2021 Central and Southern Minnesota.

Figure 4 Corn Grain Performance Summary

| EARLY-SEASON TEST 93-98 Day CRM Top 30 of 56 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 | Fox Lake | Oxford | Plover | Ryan | Tonka | |
| Dairyland | US-58100 | QRB | 89 | 229.2 | 16.3 | 1 | \$794 | 4 | 241.3 | 230.1 | 149.0 | 241.1 | 231.3 | |
| FEDERAL | 4880 VT2P8B | VT2P8 | 98 | 229.4 | 16.3 | 1 | \$798 | 2 | 243.5 | 236.0 | 201.3 | 220.9 | 244.1 | |
| HEFTY | H4322VT2P8B | VT2P8 | 93 | 229.2 | 17.0 | 1 | \$788 | 7 | 277.8 | 17.4 | 5 | 279.3 | 223.0 | |
| DARLYLAND | DS-3550AM | AM,B | 95 | 227.8 | 17.4 | 1 | \$781 | 7 | 276.2 | 5 | 269.1 | 222.6 | 248.5 | |
| JUNK | 472042V2P8B | VT2P8 | 97 | 227.7 | 16.5 | 1 | \$782 | 5 | 269.1 | 252.1 | 146.2 | 222.6 | 248.5 | |
| MICROSTAR | NS-80003 STXRB | STXRB | 98 | 227.7 | 16.7 | 1 | \$782 | 8 | 251.0 | 229.2 | 164.4 | 234.4 | 244.6 | |
| THUNDER | T6098 VT2P8 | VT2P8 | 98 | 225.5 | 17.1 | 1 | \$775 | 8 | 251.0 | 229.2 | 164.4 | 234.4 | 244.6 | |
| PIONEER | P6080 GC | QR,B | 96 | 224.3 | 17.0 | 1 | \$771 | 10 | 257.9 | 230.5 | 176.7 | 227.7 | 234.0 | |
| THUNDER | T6996 VT2P | VT2P8 | 96 | 223.9 | 16.7 | 1 | \$772 | 9 | 257.8 | 238.4 | 155.4 | 215.2 | 248.3 | |
| HEFTY | H4542VT2P | VT2P | 95 | 223.1 | 16.1 | 1 | \$771 | 11 | 257.8 | 238.4 | 155.4 | 215.2 | 248.3 | |

Figure 5 Soybean Performance Summary

| ALL-SEASON TEST MATURITY GROUP 1.8-2.5 Top 30 of 72 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 | Arlington | Oregon | Postville | Watertown | | |
| BREDENZ | C2 2120 GTLL GC | LLGT27 | 2.1 | 68.8 | 11.1 | 6 | \$619 | 72.8 | 61.8 | 73.9 | 66.8 | | | |
| FS HISDY | H52500XG | RRX | 2.1 | 67.5 | 10.8 | 8 | \$599 | 68.1 | 70.7 | 67.1 | 68.8 | | | |
| GENESIS | G2190GL | LLGT27 | 2.1 | 64.6 | 10.9 | 8 | \$607 | 73.0 | 61.7 | 73.7 | 61.6 | | | |
| GOLDEN HARVEST | GH2230X | RRX | 2.2 | 66.8 | 11.0 | 6 | \$602 | 64.7 | 70.4 | 65.3 | | | | |
| GRAND PRO | P23415XU | RRX | 2.3 | 66.6 | 11.5 | 6 | \$600 | 65.2 | 63.7 | 65.2 | 65.7 | | | |
| PIONEER | P23415XU | RRX | 2.3 | 66.6 | 11.0 | 8 | \$600 | 67.9 | 63.4 | 65.7 | 69.5 | | | |
| CREDENZ | C2 2040GTL GC | LLGT27 | 2.0 | 66.4 | 10.8 | 6 | \$598 | 71.7 | 65.8 | 69.5 | 58.7 | | | |
| GENESIS | G2550 | E3 | 2.5 | 66.4 | 11.1 | 8 | \$598 | 70.3 | 62.8 | 68.9 | 63.7 | | | |
| LATHAM | L2549 R2X | RRX | 2.5 | 66.1 | 10.8 | 7 | \$595 | 70.4 | 64.9 | 67.3 | 61.5 | | | |
| LATHAM | L2295 R2X | RRX | 2.2 | 65.9 | 10.6 | 9 | \$594 | 69.2 | 62.9 | 70.4 | 61.2 | | | |

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.

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

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 “\$” 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 | Grover Comparison product from farmer cooperator or field manager |
| § | 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) |
| 5332 | Agrisure® Duracade® 5332 (Vip,CB,HX,RW,RW2,LL,GT) |
| A | Agrisure® Artesian® |
| AM | Optimum® AcreMax® (YGB, HX, LL, RR2) |
| AMXT | Optimum® AcreMax® Xtreme (YGB, HXT, RW, LL, RR2) |
| AQ | Optimum® AQUAmax® |
| CONV | conventional corn |
| DG | DroughtGard® |
| E | Enlist™ (2,4-D, glyphosate, fop tolerance) |
| GT | Agrisure® GT |
| PC | PowerCore™ (HX, VT2P) |
| QR | Qrome™ |
| RR2 | Roundup Ready® 2 Corn |
| STX | SmartStax® (VT3P, HXX) |
| TRE | Trecepta® |
| VT2P | VT Double PRO® |

Corn Seed Treatment Key

| ABBREVIATION | DESCRIPTION |
|--------------------|---|
| NA | not available |
| Treated | Treated seed, unspecified |
| AC | Acceleron® unspecified |
| AC,P2 | Acceleron® 250 |
| AC,P2V | Acceleron® Poncho 250/Votivo |
| AC,P5 | Acceleron® 500 |
| AC,P5V | Acceleron® Poncho 500/Votivo |
| AC,WuxZN | Acceleron® + Wuxal Terios Zn |
| AL2500 | Alert 2500, Surefire |
| AVC,C2 | Avicta® Complete 250 |
| AVC,C5 | Avicta® Complete 500 |
| B-300 | Acceleron® B-300 SAT |
| B-360 | BioRise™ B-360 ST |
| BPS | Burrus PowerShield |
| C2 | Cruiser 250 |
| CM,C1 | CruiserMaxx® 1250 |
| CM,C2 | CruiserMaxx® 250 |
| CM,C5 | Cruisermaxx® 500 |
| EDC | Enhanced Disease Control |
| EDC-B | Acceleron® BASIC |
| EDC-EL | Acceleron® ELITE |
| Edge-CST | Vibrance® Cinco + Cruiser® (Midland Genetics) |
| Es | Escalate |
| HC | Hefty Complete |
| Lum | LumiGEN™ (Corteva Agriscience) |
| Lu | Lumisena™ |
| MSC | Miller Hybrids ShieldCoat™ with Vertex |
| MAG | ArmorGuard (Federal Hybrids) |
| MSC,FL,V-34 | Miller Hybrids ShieldCoat™ with Vertex, STartUP™ FLUDI, STartUP™ Vitavax-34 |
| P1 | Poncho 1250 |
| P1V | Poncho 1250/Votivo |
| RA | Radius 500 (Local Seed Co) |

Soybean Seed Technology Key

| CODE | DESCRIPTION |
|---------------|--|
| CONV | Conventional |
| E3 | Enlist E3® (2,4-D, choline, glyphosate, LL) |
| LLGT27 | LibertyLink® GT27® |
| RR | glyphosate tolerant (formerly Roundup Ready) |
| RR2Y | Roundup Ready 2 Yield® |
| RRX | Roundup Ready 2 Xtend® |
| RXF | Roundup Ready 2 XtendFlex® |
| ST | Sulfonylurea tolerant |

Soybean Seed Treatment Key

| ABBREVIATION | DESCRIPTION |
|------------------------|---|
| NA | not available |
| Treated | Treated seed, unspecified |
| Untreated | No seed treatment applied |
| A2020 | Alert 2020 (Partners Brand Seed) |
| ACi | Acceleron® Standard Insecticide-Fungicide |
| AVC,C5,Vi | Avicta® Complete 500, Vibrance |
| ASf,SA | AgriShield Max with Salto® |
| B-200 | B-200 SAT |
| BPS-SDS | Burrus PowerShield® SDS |
| CMB | CruiserMaxx® Beans |
| CMBV | CruiserMaxx® Beans, Vibrance® |
| DST | Dominance 2 ST |
| DST4,SA | Dominance 4 ST,Salto® |
| DST5 | Dominance 5 ST |
| EcTC,NF,NH | Eclipse US Total Coverage Trio IM, N-Force, N-Habit |
| Edge-SST | Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Salto® (Midland Genetics) |
| En | Encase, Excalibre-SA™ |
| EQV,SA | Equity VIP, Salto® |
| Fortify | Insecticide-Fungicide (Rob-See-Co) |
| Ga | Gaucho® |
| Gr+ | Great Start Max Plus (Great Heart Seed) |
| HCS | Hefty Complete Soybeans |
| IL | ILeVO® |
| IS | Intego® Suite |
| Liftoff Stage 2 | Insecticide-Fungicide (Rupp Seeds) |
| Lu | Lumisena™ (Corteva Agriscience) |
| Lum | LumiGEN™ (Corteva Agriscience) |
| MAG | Max Armor Guard (Federal Hybrids) |
| MAX | Maximize (Meherin Ag) |
| OB | Obvio Plus |
| PG+ | Profit Guard+ (Cornelius Seed) |
| PS | Pro-Shield (Mid-Atlantic Seeds) |
| PV | Poncho/Votivo |
| RP | Radius Premium (Local Seed Co) |
| Ri | Rizolex |
| SA | Salto® |
| SFI | Stine XP F&I |
| SS | SoyShield |
| Vi,Ti | Vibrance® Trio |
| WyK | WyckOAT fueled by Soy-Defense (Wyckoff Hybrids) |

Soybean Cyst Nematode (SCN) Resistance Rating

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

FIRST would like to thank the United Soybean Board for support and funding for the soybean entry and quality reporting program.

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 x 1,000 | Yield | Bu/A | Years |
| Brooten | Michael Stamer | sandy loam | conventional | soybeans | 210 | 1-May | 19-Oct | 32.9 | 244.8 | — | new site |
| Clinton | Doug Nelson | loam | conventional | soybeans | 150 | 1-May | 19-Oct | 32.9 | 219.3 | 196.5 | 15 |
| Kerkhoven | Rod and Brody Lindquist | loam | conventional | corn | 210 | 4-May | 22-Oct | 33.4 | 204.0 | 204.9 | 5 |
| Lester Prairie | Nathan Ide | loam | conventional | corn, 2+ yr | 180 | 30-Apr | 9-Oct | 33.0 | 206.7 | 193.9 | 8 |
| Montevideo | Montevideo Farms | silt loam | conventional | soybeans | 160 | 3-May | 23-Oct | 33.3 | 190.4 | 201.5 | 1 |
| Starbuck | Matt Moe | loam | conventional | soybeans | 145 | 4-May | 15-Oct | — | NR | 202.6 | 5 |
| | | | | | | | | MNWC | 194.8 | 20 | |

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 x 1,000 | Yield | Bu/A | Years |
| Albany | Ray Beutz | loam | conventional | corn | — | 5-May | 12-Oct | — | NR | 207.9 | 4 |
| Clear Lake | Ryan Peterson | sandy loam | no-till | dry beans | 231 | 6-May | 11-Oct | 33.2 | 223.3 | 223.4 | 3 |
| Foley | Roy Schneider | loam | strip till | soybeans | 32 | 6-May | 11-Oct | 32.4 | 87.0 | 212.1 | 4 |
| Milaca | Kevin Schreur | silt loam | conventional | corn | 125 | 6-May | 2-Nov | 32.6 | 161.7 | 193.5 | 4 |
| Royalton | Kenny Kasella | loamy sand | no-till | soybeans, rye cover crop | 110 | 5-May | 12-Oct | 32.4 | 238.5 | 211.9 | 2 |
| Taylors Falls | Sandberg Farms | loam | conventional | soybeans | 166 | 7-May | 3-Nov | 33.1 | 188.2 | 210.8 | 4 |
| | | | | | | | | MNEC | 201.6 | 4 | |

CORN REGIONS: MNWC, MNEC, MNSW, MNSE, MNSO (continued)

Site Description: MNSO (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 x 1,000 | Yield | Bu/A | Years |
| Eyota | Arthur & Paul Wendt | silt loam | conventional | corn, 2+ yr | 210 | 26-Apr | 19-Oct | 32.6 | 222.8 | 209.0 | 19 |
| Jackson | Steve Ryberg | clay loam | conventional | soybeans | 183 | 1-May | 14-Oct | 34.0 | 210.8 | 202.0 | 19 |
| Kasson | Brian Herbst | silt loam | conventional | soybeans | 190 | 2-May | 19-Oct | 34.3 | 215.4 | 217.2 | 20 |
| Lamberton | Ed Iverson | loam | conventional | soybeans | 185 | 4-May | 26-Oct | 34.0 | 150.3 | 207.9 | 3 |
| Mankato | Greg Scheurer | clay loam | conventional | soybeans | 168 | 29-Apr | 27-Oct | 33.2 | 207.1 | 222.1 | 2 |
| Nerstrand | Keith, Kurt and Brian Schrader | silt loam | conventional | soybeans | 187 | 3-May | 23-Oct | 33.9 | 236.2 | 225.4 | 2 |
| | | | | | | | | MNSO | 223.0 | 223.0 | 2 |

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 x 1,000 | Yield | Bu/A | Years |
| Easton | Dru Martin | clay loam | conventional | soybeans | 213 | 29-Apr | 23-Oct | 33.8 | 235.0 | 207.7 | 20 |
| Jackson | Steve Ryberg | clay loam | conventional | soybeans | 183 | 1-May | 14-Oct | 33.7 | 230.1 | 202.0 | 19 |
| Jeffers | Rick Quade | clay loam | strip till | soybeans | 149 | 30-Apr | 17-Oct | 33.2 | 205.9 | 193.8 | 14 |
| Lamberton | Ed Iverson | loam | conventional | soybeans | 185 | 4-May | 26-Oct | 33.8 | 181.2 | 207.9 | 3 |
| Mankato | Greg Scheurer | clay loam | conventional | soybeans | 168 | 29-Apr | 27-Oct | 33.5 | 210.2 | 222.1 | 2 |
| Truman | Dan Helvig | loam | conventional | corn, 2+ yr | 195 | 30-Apr | 16-Oct | 33.5 | 175.7 | 199.1 | 2 |
| | | | | | | | | MNSW | 194.8 | 194.8 | 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 x 1,000 | Yield | Bu/A | Years |
| Cannon Falls | Marc Hernke | silt loam | conventional | soybeans | 150 | 3-May | 22-Oct | 33.7 | 243.7 | 212.4 | 20 |
| Dexter | Eric Lee | silt loam | strip till | soybeans | 146 | 26-Apr | 20-Oct | 33.0 | 220.2 | 204.0 | 12 |
| Eyota | Arthur & Paul Wendt | silt loam | conventional | corn, 2+ yr | 210 | 26-Apr | 19-Oct | 32.6 | 236.6 | 209.0 | 19 |
| Kasson | Brian Herbst | silt loam | conventional | soybeans | 190 | 2-May | 19-Oct | 34.1 | 249.8 | 217.2 | 20 |
| Nerstrand | Keith, Kurt and Brian Schrader | silt loam | conventional | soybeans | 187 | 3-May | 23-Oct | 33.8 | 236.8 | 225.4 | 2 |
| New Richland | Leon Schoenrock | silty clay loam | conventional | soybeans | 149 | 24-Apr | 29-Sep | 33.9 | 224.4 | 202.6 | 20 |
| | | | | | | | | MNSE | 202.5 | 202.5 | 20 |

CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2017-2021

| FIRST Region | Average Yield by Year (Bu/A) | | | | | Since Inception | |
|--------------|------------------------------|-------|-------|-------|-------|-----------------|--------|
| | 2021 | 2020 | 2019 | 2018 | 2017 | Bu/A | #Years |
| MNWC | 205.7 | 227.9 | 203.6 | 196.3 | 218.4 | 194.8 | 20 |
| MNEC | 181.6 | 212.2 | 209.7 | 214.7 | 180.7 | 201.6 | 4 |
| MNSW | 205.7 | 227.9 | 203.6 | 196.3 | 218.4 | 194.8 | 20 |
| MNSE | 235.2 | 239.5 | 224.9 | 218.3 | 234.4 | 202.5 | 20 |
| MNSO | 206.6 | 223.0 | — | — | — | 223.0 | 2 |



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

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 | Relative Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Gross Income Rank | Brooten | Clinton | Kerkhoven* | Lester Prairie | Montevideo | Starbuck* |
|----------------|------------------|------------|-------------------|--------------|--------------|-------------|---------------------|-------------------|--------------|--------------|--------------|----------------|--------------|-----------|
| Dairyland | DS-3727AM | AM | 97 | 234.4 | 17.0 | 0 | \$1,186 | 2 | 286.6 | 244.6 | 167.3 | 213.0 | 193.4 | — |
| Renk | RK590VT2P | VT2P | 98 | 234.1 | 16.7 | 0 | \$1,186 | 3 | 270.9 | 229.4 | 210.5 | 211.0 | 225.1 | — |
| Gold Country | 97-14R2P | VT2P | 97 | 233.7 | 16.1 | 0 | \$1,190 | 1 | 242.9 | 236.4 | 197.3 | 228.7 | 226.8 | — |
| Enestvedt | E658DP RIB | VT2P | 96 | 231.6 | 16.2 | 0 | \$1,178 | 4 | 274.8 | 227.1 | 187.3 | 219.5 | 204.8 | — |
| Proseed | 2196 VT2PRIB | VT2P | 96 | 230.7 | 16.5 | 0 | \$1,173 | 5 | 255.1 | 219.1 | 194.2 | 223.6 | 224.9 | — |
| Integra | 4702 VT2PRIB | VT2P | 97 | 226.4 | 16.4 | 0 | \$1,153 | 6 | 261.6 | 213.5 | 192.9 | 228.1 | 202.6 | — |
| Titan Pro | 11-98 2P | VT2P | 98 | 225.6 | 16.7 | 10 | \$1,148 | 7 | 221.9 | 234.0 | 207.8 | 236.6 | 210.1 | — |
| Renk | RK593VT2PRIB | VT2P | 97 | 225.1 | 16.3 | 5 | \$1,144 | 8 | 250.0 | 235.7 | 196.0 | 203.6 | 211.0 | — |
| Titan Pro | 86-96 2P | VT2P | 96 | 224.5 | 16.4 | 0 | \$1,143 | 9 | 240.5 | 220.4 | 188.2 | 231.7 | 205.3 | — |
| Hefty | H4842 RIB | VT2P | 98 | 224.4 | 16.6 | 0 | \$1,141 | 10 | 252.7 | 215.7 | 187.3 | 230.6 | 198.7 | — |
| Federal | 4880 VT2PRIB | VT2P | 98 | 223.8 | 16.2 | 4 | \$1,140 | 11 | 267.2 | 216.7 | 175.3 | 216.9 | 194.6 | — |
| Renk | RK429-3220A | 3220A | 93 | 223.7 | 16.2 | 3 | \$1,139 | 12 | 240.6 | 244.4 | 156.2 | 215.6 | 194.2 | — |
| Titan Pro | 82-95 2P | VT2P | 95 | 223.3 | 16.6 | 3 | \$1,136 | 13 | 228.5 | 245.4 | 196.2 | 229.3 | 189.9 | — |
| Hefty | H4732 | VT2P | 97 | 223.3 | 16.5 | 0 | \$1,134 | 15 | 252.0 | 232.0 | 184.0 | 207.8 | 201.2 | — |
| Thunder | T6298 VT2P | VT2P | 98 | 223.2 | 16.0 | 5 | \$1,136 | 14 | 245.8 | 234.6 | 194.4 | 212.2 | 199.9 | — |
| DeKalb | DKC48-95RIB GC | VT2P | 98 | 222.6 | 16.5 | 2 | \$1,131 | 17 | 264.1 | 235.4 | 188.5 | 212.4 | 178.4 | — |
| Renk | RK485DGVT2P | VT2PDG | 94 | 222.2 | 16.2 | 14 | \$1,132 | 16 | 269.5 | 207.8 | 193.7 | 225.4 | 186.0 | — |
| Renk | RK561DGVT2PRIB | VT2PDG | 95 | 221.6 | 16.6 | 0 | \$1,125 | 19 | 250.8 | 232.7 | 190.3 | 211.4 | 191.6 | — |
| Dahlman | R49-23VT2PRIB | VT2P | 98 | 221.3 | 16.6 | 0 | \$1,122 | 20 | 262.8 | 226.3 | 204.1 | 195.1 | 200.8 | — |
| Dyna-Gro | D37VC64 | VT2P | 97 | 221.2 | 16.1 | 2 | \$1,126 | 18 | 244.7 | 240.6 | 188.4 | 211.4 | 188.2 | — |
| Latham | LH 4669 SS RIB | STX | 96 | 220.5 | 17.4 | 0 | \$1,116 | 22 | 252.5 | 217.3 | 188.3 | 209.7 | 202.4 | — |
| Integra | 4509 VT2PRIB | VT2P | 95 | 219.7 | 16.3 | 1 | \$1,119 | 21 | 252.2 | 206.4 | 171.6 | 222.0 | 198.4 | — |
| Hefty | H4332 RIB | VT2P | 93 | 219.0 | 15.9 | 0 | \$1,115 | 23 | 256.6 | 221.9 | 152.6 | 207.4 | 190.0 | — |
| Gold Country | 95-03R2P | VT2P | 95 | 218.5 | 16.6 | 0 | \$1,112 | 24 | 252.4 | 220.0 | 181.9 | 225.1 | 176.4 | — |
| Proseed | 1998 VT2PRIB | VT2P | 98 | 217.3 | 16.3 | 0 | \$1,106 | 25 | 241.4 | 216.6 | 192.6 | 210.9 | 200.2 | — |
| Dairyland | DS-3550AM | AM | 95 | 216.9 | 16.6 | 8 | \$1,103 | 26 | 228.4 | 221.5 | 194.3 | 219.0 | 198.8 | — |
| Anderson | 609R | RR2 | 98 | 216.9 | 16.2 | 1 | \$1,103 | 27 | 245.2 | 212.8 | 189.4 | 202.2 | 207.3 | — |
| Dairyland | DS-3715AM | AM | 97 | 216.4 | 16.4 | 1 | \$1,101 | 29 | 240.8 | 216.4 | 193.1 | 213.7 | 194.7 | — |
| Latham | LH 4517 VT2P RIB | VT2P | 95 | 216.4 | 16.3 | 1 | \$1,103 | 28 | 235.5 | 210.5 | 198.7 | 219.8 | 199.8 | — |
| Dahlman | R49-25VT2PRIB | VT2P | 98 | 216.0 | 16.6 | 3 | \$1,098 | 30 | 246.8 | 205.2 | 196.0 | 216.0 | 196.0 | — |
| Pioneer | P0075Q CK | QR | 100 | 215.2 | 17.4 | 4 | \$1,087 | 36 | 232.8 | 216.4 | 171.8 | 192.5 | 218.9 | — |
| Averages = | | | | 218.5 | 16.4 | 3 | \$1,111 | | 244.5 | 221.4 | 186.4 | 212.4 | 195.1 | |
| LSD (0.10) = | | | | 11.7 | 0.3 | 5.5 | | | 22.2 | 13.4 | 22.7 | 16.0 | 16.4 | |

| FULL-SEASON TEST 99-102 Day CRM Top 30 of 46 tested | | | | | | | | | | | | | | | Results in BOLD are significantly above test average. | | |
|---|------------------|--------|-----|--------------|------|-----|---------|----|--------------|--------------|--------------|--------------|--------------|---|---|--|--|
| Latham | LH 4937 VT2P RIB | VT2P | 99 | 233.1 | 16.3 | 7 | \$1,180 | 1 | 282.7 | 225.6 | 211.8 | 216.9 | 228.7 | — | | | |
| Dyna-Gro | D43VC81 | VT2P | 102 | 228.9 | 17.8 | 1 | \$1,150 | 2 | 268.2 | 221.1 | 231.0 | 214.3 | 210.1 | — | | | |
| Thunder | T6999 VT2P | VT2P | 99 | 226.9 | 16.6 | 5 | \$1,148 | 3 | 265.9 | 237.6 | 207.5 | 234.3 | 188.9 | — | | | |
| Dyna-Gro | D40VC41 | VT2P | 100 | 222.9 | 16.5 | 2 | \$1,126 | 4 | 250.6 | 238.5 | 217.1 | 204.5 | 203.6 | — | | | |
| Hefty | H5055 | TRE | 100 | 222.7 | 17.1 | 2 | \$1,123 | 5 | 246.8 | 236.2 | 209.2 | 211.7 | 209.5 | — | | | |
| Enestvedt | E699DP RIB | VT2P | 99 | 222.3 | 16.7 | 3 | \$1,122 | 6 | 264.8 | 225.1 | 219.4 | 204.2 | 197.9 | — | | | |
| Titan Pro | 22-00 2P | VT2P | 100 | 221.2 | 17.5 | 0 | \$1,112 | 7 | 258.5 | 236.5 | 217.9 | 198.2 | 194.8 | — | | | |
| Gold Country | 99-01R2P | VT2P | 99 | 219.2 | 17.2 | 4 | \$1,105 | 9 | 243.9 | 232.5 | 225.5 | 206.9 | 187.2 | — | | | |
| Hefty | H4922 RIB | VT2P | 99 | 218.7 | 16.5 | 5 | \$1,106 | 8 | 240.7 | 228.4 | 209.5 | 212.3 | 202.8 | — | | | |
| Dairyland | DS-4000AMXT | AMXT | 100 | 218.3 | 17.2 | 0 | \$1,102 | 10 | 249.7 | 217.5 | 205.5 | 221.1 | 197.9 | — | | | |
| Integra | 5280 VT2PRIB | VT2P | 102 | 217.6 | 17.6 | 0 | \$1,094 | 11 | 251.1 | 220.2 | 207.0 | 203.6 | 206.3 | — | | | |
| Federal | 5280 VT2PRIB | VT2P | 102 | 216.7 | 17.7 | 0 | \$1,087 | 13 | 261.7 | 224.4 | 215.4 | 185.9 | 196.0 | — | | | |
| Dairyland | DS-4014Q | QR | 100 | 215.6 | 17.4 | 0 | \$1,086 | 15 | 247.8 | 224.8 | 210.7 | 211.6 | 183.1 | — | | | |
| Hefty | H4933 RIB | VT2PDG | 99 | 215.5 | 16.9 | 5 | \$1,087 | 14 | 246.5 | 225.6 | 213.5 | 202.6 | 189.4 | — | | | |
| Renk | RK579DGVT2P | VT2PDG | 99 | 214.7 | 17.1 | 2 | \$1,084 | 16 | 231.5 | 236.1 | 201.9 | 218.5 | 185.7 | — | | | |
| Federal | 5120 STX | STX | 101 | 214.5 | 17.8 | 1 | \$1,078 | 19 | 240.3 | 212.4 | 210.3 | 206.0 | 203.5 | — | | | |
| Latham | LH 4957 VT2P RIB | VT2P | 99 | 214.0 | 16.9 | 0 | \$1,082 | 17 | 242.0 | 215.8 | 211.3 | 219.6 | 181.2 | — | | | |
| Thunder | T8100 SS | STX | 100 | 213.6 | 16.9 | 0 | \$1,078 | 20 | 268.3 | 206.9 | 204.6 | 199.0 | 189.2 | — | | | |
| Titan Pro | 92-99 2P | VT2P | 99 | 213.5 | 16.7 | 5 | \$1,078 | 18 | 255.2 | 223.0 | 213.2 | 199.8 | 176.1 | — | | | |
| Golden Harvest | G99E68-5122 EZR | 5122 | 99 | 212.9 | 17.5 | 5 | \$1,070 | 22 | 287.8 | 221.7 | 197.4 | 193.9 | 163.7 | — | | | |
| Hefty | H4942 RIB | VT2P | 99 | 211.9 | 16.7 | 1 | \$1,072 | 21 | 260.3 | 223.0 | 186.1 | 211.7 | 178.7 | — | | | |
| Hefty | H5132 RIB | VT2P | 101 | 211.8 | 16.9 | 6 | \$1,069 | 23 | 240.3 | 218.4 | 221.2 | 197.9 | 181.5 | — | | | |
| Integra | 5052 STXRIB | STX | 100 | 211.3 | 17.6 | 0 | \$1,063 | 24 | 234.5 | 218.3 | 193.9 | 200.0 | 209.7 | — | | | |
| Channel | 199-29 STXRIB GC | STX | 99 | 210.8 | 17.2 | 0 | \$1,061 | 26 | 251.3 | 239.9 | 204.4 | 183.7 | 174.8 | — | | | |
| Thunder | T6100 VT2P | VT2P | 100 | 210.3 | 16.7 | 7 | \$1,062 | 25 | 235.7 | 209.5 | 216.6 | 196.5 | 193.4 | — | | | |
| Latham | LH 5159 SS RIB | STX | 101 | 209.9 | 17.6 | 1 | \$1,057 | 29 | 244.1 | 202.9 | 214.7 | 210.1 | 178.0 | — | | | |
| Renk | RK600VT2P | VT2P | 100 | 209.9 | 16.9 | 5 | \$1,061 | 27 | 243.0 | 221.0 | 199.3 | 212.8 | 173.6 | — | | | |
| AgriGold | A631-90VT2PRO GC | VT2P | 101 | 209.8 | 18.3 | 1 | \$1,050 | 31 | 261.4 | 229.4 | 196.6 | 182.7 | 179.0 | — | | | |
| Dahlman | R50-25VT2PRIB | VT2P | 100 | 209.4 | 16.8 | 10 | \$1,057 | 28 | 224.0 | 218.2 | 214.9 | 196.7 | 193.1 | — | | | |
| Enestvedt | E600DP RIB | VT2P | 99 | 208.1 | 16.5 | 2 | \$1,053 | 30 | 255.7 | 221.3 | 198.9 | 206.0 | 158.7 | — | | | |
| Pioneer | P0075Q CK | QR | 100 | 216.5 | 17.5 | 3 | \$1,090 | 12 | 250.5 | 225.9 | 195.8 | 207.5 | 202.9 | — | | | |
| Averages = | | | | 210.4 | 17.3 | 3 | \$1,060 | | 244.7 | 216.7 | 204.0 | 200.5 | 185.1 | | | | |
| LSD (0.10) = | | | | 10.7 | 0.3 | 4.5 | | | 21.0 | 19.1 | 14.1 | 14.9 | 25.1 | | | | |

* lost to severe drought (Starbuck); # early-season test results rejected, not included in summary (Kerkoven)

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

ALL-SEASON TEST | 86–95 Day CRM | Top 30 of 43 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 ^a | Clear Lake | Foley | Milaca ^b | Royalton | Taylors Falls |
|-------------------|---------------------|------------|----------------------|--------------|--------------|-------------|---------------------|-------------------|---------------------|--------------|--------------|---------------------|--------------|---------------|
| Federal | 4520 VT2PDG | VT2PDG | 95 | 199.3 | 17.8 | 2 | \$1,043 | 1 | 112.6 | 249.8 | 114.3 | 179.9 | 252.6 | 200.1 |
| Renk | RK485DGV2P | VT2PDG | 94 | 194.8 | 17.9 | 2 | \$1,020 | 2 | 106.9 | 251.6 | 107.1 | 170.3 | 246.6 | 198.6 |
| Hefty | H4322 RIB | VT2P | 93 | 191.8 | 17.6 | 3 | \$1,004 | 3 | 106.6 | 241.0 | 89.8 | 174.2 | 254.4 | 199.8 |
| Dairyland | DS-3162Q | QR | 91 | 191.6 | 17.4 | 6 | \$1,002 | 4 | 85.3 | 229.6 | 95.5 | 179.7 | 242.2 | 210.9 |
| Dairyland | DS-3550AM | AM | 95 | 191.2 | 18.1 | 6 | \$996 | 6 | 96.8 | 205.9 | 94.1 | 178.1 | 254.3 | 223.4 |
| Federal | 4300 VT2PRIB | VT2P | 93 | 190.8 | 17.5 | 1 | \$999 | 5 | 95.9 | 240.5 | 88.8 | 179.7 | 251.4 | 193.4 |
| Hefty | H4052 | VT2P | 90 | 188.4 | 17.2 | 10 | \$986 | 7 | 127.0 | 237.7 | 67.7 | 177.8 | 247.8 | 211.1 |
| Renk | RK297VT2P | VT2P | 89 | 187.6 | 17.2 | 1 | \$983 | 8 | 116.5 | 222.9 | 89.8 | 167.9 | 256.0 | 201.3 |
| Renk | RK429-3220A | 3220A | 93 | 187.4 | 17.7 | 6 | \$980 | 9 | 91.1 | 222.7 | 92.0 | 170.0 | 253.5 | 198.8 |
| Latham | LH 4517 VT2P RIB GC | VT2P | 95 | 187.1 | 17.8 | 1 | \$979 | 10 | 103.0 | 241.5 | 95.2 | 171.9 | 237.2 | 189.9 |
| Renk | RK312VT2PRIB | VT2P | 90 | 186.4 | 17.2 | 4 | \$979 | 11 | 106.8 | 232.8 | 90.0 | 156.8 | 257.8 | 194.8 |
| Golden Harvest | G90S99-5222 EZR | 5222 | 90 | 186.4 | 18.1 | 2 | \$971 | 15 | 108.7 | 201.6 | 97.5 | 180.1 | 238.7 | 214.1 |
| Pioneer | P9492AM GC | AM | 94 | 186.3 | 17.4 | 7 | \$975 | 12 | 101.1 | 223.6 | 85.6 | 186.3 | 251.3 | 184.6 |
| Dahlman | R47-24VT2PRIB | VT2P | 94 | 185.7 | 17.6 | 6 | \$973 | 13 | 94.4 | 242.7 | 88.8 | 158.0 | 249.9 | 188.9 |
| Gold Country | 95-03R2P | VT2P | 95 | 185.6 | 17.8 | 2 | \$972 | 14 | 108.5 | 241.2 | 101.2 | 165.0 | 243.3 | 177.3 |
| Anderson | 742VT2P | VT2P | 92 | 183.6 | 17.5 | 3 | \$962 | 16 | 100.9 | 220.6 | 93.0 | 157.4 | 245.9 | 201.4 |
| Hefty | H3712 RIB | VT2P | 87 | 181.1 | 16.9 | 5 | \$952 | 17 | 90.7 | 231.0 | 93.3 | 174.7 | 241.9 | 164.6 |
| Hefty | H3922 RIB | VT2P | 89 | 181.1 | 17.1 | 8 | \$949 | 18 | 88.3 | 218.4 | 88.2 | 157.6 | 231.1 | 210.1 |
| Augusta | A2545-5122-EZ | 5122 | 95 | 180.9 | 18.1 | 1 | \$943 | 22 | 94.4 | 218.0 | 75.3 | 163.6 | 246.9 | 200.7 |
| Hefty | H4332 RIB | VT2P | 93 | 180.8 | 17.4 | 4 | \$948 | 19 | 91.6 | 239.8 | 80.3 | 140.0 | 246.0 | 197.7 |
| Hefty | H4132 | VT2P | 91 | 180.4 | 17.1 | 5 | \$948 | 20 | 96.9 | 234.9 | 81.8 | 142.8 | 251.5 | 191.2 |
| Augusta | A2541-3110 | 3110 | 91 | 180.2 | 17.7 | 5 | \$944 | 21 | 96.4 | 224.1 | 89.0 | 162.8 | 247.4 | 177.9 |
| Gold Country | 93-41R2P | VT2P | 93 | 179.2 | 17.0 | 1 | \$943 | 23 | 79.9 | 235.2 | 98.2 | 129.2 | 238.9 | 194.4 |
| Hefty | H4522 RIB | VT2P | 95 | 178.4 | 17.9 | 2 | \$930 | 25 | 92.3 | 214.3 | 82.5 | 167.3 | 224.2 | 203.6 |
| Gold Country | 90-07R2P | VT2P | 90 | 178.4 | 16.8 | 8 | \$937 | 24 | 87.0 | 204.2 | 90.6 | 169.5 | 250.0 | 177.7 |
| Gold Country | 94-44RSS | STX | 94 | 177.3 | 17.8 | 1 | \$927 | 26 | 110.4 | 229.7 | 97.0 | 159.0 | 214.1 | 186.7 |
| Anderson | 786VT2P | VT2P | 95 | 176.9 | 17.8 | 2 | \$926 | 29 | 93.3 | 226.7 | 79.4 | 143.2 | 240.1 | 195.4 |
| Golden Harvest | G91V51-5222A EZR | 5222A | 91 | 176.8 | 18.1 | 2 | \$924 | 30 | 85.7 | 224.5 | 90.6 | 146.6 | 233.7 | 188.8 |
| Enestvedt | E640DP RIB | VT2P | 94 | 176.8 | 17.4 | 11 | \$926 | 27 | 79.0 | 232.6 | 64.8 | 154.0 | 245.2 | 187.5 |
| Hefty | H4222 RIB | VT2P | 92 | 176.8 | 17.6 | 13 | \$926 | 28 | 97.6 | 234.1 | 78.1 | 157.6 | 226.6 | 187.7 |
| Averages = | | | | 179.8 | 17.5 | 5 | \$941 | | 92.2 | 223.0 | 86.9 | 161.7 | 238.4 | 188.0 |
| LSD (0.10) = | | | | 11.3 | 0.3 | 7 | | | 19.4 | 15.6 | 10.5 | 20.4 | 16.4 | 20.7 |

^a 2 replications; ^b results rejected, not included in summary due to variability from drought damage (Albany)

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

ULTRA EARLY-SEASON TEST | 92–96 Day CRM | Top 30 of 35 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 | Ejota | Jackson | Kasson | Lamberton | Mankato | Nerstrand |
|-------------------|-------------------|------------|----------------------|--------------|--------------|-------------|---------------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| NK Brand | NK9610-5122 EZR | 5122 | 96 | 228.8 | 16.4 | 2 | \$1,192 | 1 | 235.7 | 234.2 | 227.5 | 194.9 | 223.7 | 257.0 |
| Pioneer | P9489AM GC | AM | 94 | 225.4 | 16.7 | 4 | \$1,172 | 2 | 251.0 | 218.2 | 243.7 | 166.4 | 215.0 | 257.8 |
| Federal | 4520 VT2PDG | VT2PDG | 95 | 219.9 | 16.2 | 13 | \$1,147 | 3 | 235.1 | 232.0 | 243.9 | 151.4 | 208.9 | 248.1 |
| Golden Harvest | G95M41-5122 EZR | 5122 | 95 | 219.0 | 16.2 | 5 | \$1,141 | 4 | 235.9 | 216.4 | 208.0 | 165.1 | 229.6 | 258.8 |
| Hefty | H4653 RIB | VT2PDG | 96 | 218.5 | 16.3 | 8 | \$1,139 | 5 | 230.1 | 244.3 | 232.7 | 153.2 | 209.5 | 241.4 |
| Hefty | H4522 RIB | VT2P | 95 | 217.6 | 16.2 | 3 | \$1,134 | 6 | 233.4 | 223.0 | 222.7 | 182.8 | 206.9 | 236.6 |
| Augusta | A2545-5122-EZ | 5122 | 95 | 217.0 | 16.5 | 7 | \$1,129 | 7 | 232.0 | 207.7 | 235.2 | 154.2 | 221.1 | 251.9 |
| Augusta | A2541-3110 | 3110 | 91 | 216.4 | 16.4 | 4 | \$1,127 | 8 | 224.5 | 224.7 | 223.5 | 167.8 | 227.3 | 230.5 |
| Renk | RK485DGV2P | VT2PDG | 94 | 214.8 | 16.3 | 9 | \$1,119 | 9 | 227.4 | 203.6 | 219.4 | 166.2 | 219.8 | 252.6 |
| Pioneer | P9492AM GC | AM | 94 | 214.1 | 16.0 | 1 | \$1,118 | 10 | 222.7 | 230.0 | 215.4 | 156.1 | 232.0 | 228.2 |
| Titan Pro | 85-96 | CONV | 96 | 213.8 | 16.2 | 12 | \$1,115 | 11 | 242.5 | 206.9 | 205.0 | 158.7 | 227.4 | 242.4 |
| DeKalb | DKC45-94RIB GC | STX | 95 | 212.2 | 16.4 | 1 | \$1,105 | 13 | 233.3 | 217.4 | 243.7 | 151.8 | 203.7 | 223.2 |
| Titan Pro | 91-95 | CONV | 95 | 212.0 | 16.3 | 9 | \$1,105 | 12 | 231.2 | 226.9 | 212.3 | 158.1 | 219.8 | 223.6 |
| Anderson | 7865 | CONV | 95 | 210.5 | 16.4 | 8 | \$1,097 | 14 | 215.5 | 213.7 | 216.7 | 149.0 | 214.5 | 253.7 |
| Renk | RK429-3220A | 3220A | 93 | 210.2 | 16.3 | 9 | \$1,096 | 15 | 221.8 | 203.3 | 212.0 | 161.6 | 219.4 | 243.2 |
| Dairyland | DS-3550AM | AM | 95 | 209.5 | 16.8 | 9 | \$1,088 | 16 | 232.2 | 202.4 | 216.2 | 125.0 | 222.5 | 258.9 |
| Viking | 42-92 | CONV | 92 | 208.7 | 16.2 | 5 | \$1,088 | 17 | 232.1 | 200.1 | 219.8 | 139.1 | 219.4 | 241.5 |
| Wyllfels | W1466 | VT2P | 94 | 208.1 | 16.4 | 4 | \$1,083 | 18 | 222.8 | 207.2 | 226.8 | 165.4 | 188.4 | 238.0 |
| NK Brand | NK9653-5222 EZR | 5222 | 96 | 206.2 | 17.1 | 0 | \$1,069 | 19 | 214.2 | 218.6 | 211.8 | 147.6 | 204.7 | 240.1 |
| Augusta | A2345-5222-EZ | 5222 | 95 | 205.6 | 16.8 | 2 | \$1,068 | 20 | 222.4 | 221.9 | 215.4 | 145.6 | 205.0 | 223.4 |
| Renk | RK561DGV2PRIB | VT2PDG | 95 | 204.9 | 16.5 | 2 | \$1,066 | 21 | 211.4 | 239.7 | 231.2 | 152.0 | 186.7 | 208.4 |
| Wyllfels | W1546RIB | VT2P | 96 | 203.9 | 16.6 | 2 | \$1,060 | 22 | 208.9 | 222.4 | 217.5 | 171.6 | 178.5 | 224.6 |
| Titan Pro | 82-95 2P | VT2P | 95 | 202.7 | 16.4 | 3 | \$1,055 | 24 | 225.1 | 189.4 | 215.7 | 154.6 | 190.7 | 240.6 |
| Enestvedt | E640DP RIB | VT2P | 94 | 202.5 | 16.0 | 7 | \$1,057 | 23 | 221.1 | 213.8 | 213.1 | 119.9 | 208.3 | 239.1 |
| Anderson | 786VT2P | VT2P | 95 | 201.1 | 16.3 | 3 | \$1,048 | 26 | 221.6 | 195.0 | 221.4 | 132.0 | 210.4 | 226.1 |
| Federal | 4680 VT2PRIB | VT2P | 96 | 200.7 | 16.0 | 7 | \$1,048 | 25 | 221.6 | 208.8 | 198.3 | 139.4 | 192.7 | 243.4 |
| Viking | 52-96 | CONV | 96 | 200.5 | 16.3 | 5 | \$1,044 | 27 | 228.7 | 206.5 | 204.2 | 131.0 | 193.0 | 239.4 |
| Enestvedt | E658DP RIB | VT2P | 96 | 199.3 | 16.2 | 2 | \$1,039 | 28 | 220.9 | 187.3 | 205.2 | 126.6 | 207.1 | 248.4 |
| Dairyland | DS-3366AM | AM | 93 | 198.2 | 16.2 | 12 | \$1,034 | 29 | 216.5 | 201.6 | 168.1 | 163.4 | 196.6 | 243.3 |
| Hefty | H4322 RIB | VT2P | 93 | 198.1 | 16.3 | 1 | \$1,033 | 30 | 211.2 | 190.3 | 222.3 | 144.5 | 203.1 | 217.5 |
| Averages = | | | | 207.1 | 16.3 | 5 | \$1,079 | | 222.8 | 210.6 | 215.4 | 150.3 | 207.1 | 236.1 |
| LSD (0.10) = | | | | 9.1 | 0.2 | 6 | | | 12.4 | 21.9 | 16.8 | 18.2 | 18.8 | 19.2 |

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

EARLY-SEASON TEST | 97-102 Day CRM | Top 30 of 72 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 |
| Titan Pro | 84-01 | CONV | 101 | 227.7 | 16.8 | 12 | \$1,183 | 1 | 261.2 | 245.9 | 222.2 | 195.7 | 244.6 | 196.8 |
| NK Brand | NK0243-5122 EZR | 5122 | 102 | 225.9 | 17.7 | 15 | \$1,168 | 2 | 250.2 | 246.2 | 234.6 | 217.6 | 223.7 | 183.1 |
| NK Brand | NK9930-5122 EZR | 5122 | 99 | 222.8 | 17.9 | 5 | \$1,151 | 3 | 274.1 | 240.6 | 232.5 | 194.4 | 214.2 | 181.3 |
| Golden Harvest | G02K39-5122 EZR | 5122 | 102 | 222.3 | 17.5 | 16 | \$1,150 | 4 | 243.0 | 269.3 | 243.7 | 209.6 | 204.4 | 163.8 |
| Integra | 5280 VT2PRIB | VT2P | 102 | 221.0 | 17.1 | 13 | \$1,146 | 5 | 246.6 | 255.3 | 239.5 | 206.6 | 197.0 | 180.9 |
| Heine | 7240STX | STX | 102 | 220.8 | 17.1 | 10 | \$1,146 | 6 | 252.0 | 239.4 | 227.7 | 206.7 | 226.6 | 172.6 |
| Latham | LH 5209 5222-EZ | 5222 | 102 | 220.1 | 18.0 | 15 | \$1,136 | 8 | 273.2 | 280.7 | 150.8 | 190.9 | 239.1 | 185.7 |
| Wyffels | W2506RIB | VT2P | 101 | 219.5 | 17.0 | 11 | \$1,139 | 7 | 247.3 | 235.0 | 235.1 | 208.5 | 227.2 | 163.8 |
| DenBesten | DB32-02 | CONV | 102 | 217.7 | 17.4 | 25 | \$1,127 | 9 | 258.6 | 268.8 | 225.6 | 182.6 | 197.1 | 173.8 |
| Augusta | A3052-5222-EZ | 5222 | 102 | 217.1 | 18.3 | 7 | \$1,118 | 11 | 270.2 | 233.7 | 210.7 | 201.7 | 202.1 | 184.0 |
| Latham | LH 5245 VT2P RIB | VT2P | 102 | 217.1 | 16.9 | 12 | \$1,127 | 10 | 250.0 | 233.1 | 203.4 | 198.0 | 204.5 | 213.6 |
| Federal | 5280 CONV | CONV | 102 | 215.5 | 17.1 | 10 | \$1,117 | 12 | 240.2 | 251.9 | 194.5 | 173.6 | 212.3 | 220.4 |
| Latham | LH 5159 SS RIB | STX | 101 | 214.9 | 17.3 | 4 | \$1,113 | 13 | 241.0 | 245.1 | 213.7 | 182.3 | 208.9 | 198.5 |
| Augusta | A2150-5222-EZ | 5222 | 100 | 213.7 | 18.0 | 14 | \$1,102 | 16 | 263.7 | 240.1 | 155.6 | 183.3 | 232.5 | 206.7 |
| Dyna-Gro | D43VC81 | VT2P | 102 | 213.1 | 17.3 | 12 | \$1,104 | 14 | 250.6 | 239.6 | 218.7 | 197.3 | 206.5 | 166.1 |
| Anderson | 507SRC | STX | 102 | 212.9 | 17.2 | 4 | \$1,104 | 15 | 236.4 | 233.5 | 212.9 | 202.3 | 209.6 | 182.6 |
| Titan Pro | 26-00 | CONV | 100 | 212.2 | 17.5 | 17 | \$1,098 | 18 | 258.5 | 248.8 | 147.0 | 186.1 | 239.3 | 193.2 |
| Hefty | H5055 | TRE | 100 | 211.9 | 16.9 | 10 | \$1,100 | 17 | 250.3 | 252.2 | 217.8 | 200.0 | 198.1 | 152.8 |
| Miller Hybrids | M00-49 | CONV | 100 | 211.0 | 18.0 | 23 | \$1,088 | 19 | 272.0 | 262.0 | 192.7 | 189.9 | 213.6 | 135.7 |
| Heine | 6650TRE | TRE | 99 | 208.3 | 17.0 | 18 | \$1,081 | 21 | 254.6 | 235.1 | 222.5 | 172.9 | 188.8 | 176.0 |
| Heine | 6500VT2PRO | VT2P | 98 | 207.9 | 16.4 | 12 | \$1,083 | 20 | 240.2 | 227.8 | 204.7 | 197.4 | 217.1 | 160.4 |
| Viking | 46-02 | CONV | 102 | 207.5 | 17.0 | 5 | \$1,076 | 22 | 255.4 | 246.4 | 205.8 | 157.6 | 209.1 | 170.9 |
| Dairyland | DS-3959Q | QR | 99 | 207.5 | 17.2 | 6 | \$1,076 | 24 | 242.3 | 220.3 | 186.8 | 171.6 | 244.5 | 179.4 |
| Wyffels | W2648 | STX | 101 | 207.1 | 16.8 | 7 | \$1,076 | 23 | 229.4 | 218.7 | 209.2 | 169.2 | 211.9 | 204.3 |
| Dairyland | DS-3727AM | AM | 97 | 206.7 | 16.7 | 10 | \$1,075 | 25 | 242.0 | 231.4 | 183.5 | 192.9 | 230.0 | 160.4 |
| Golden Harvest | G99E68-5122 EZR | 5122 | 99 | 206.3 | 17.3 | 14 | \$1,069 | 28 | 251.6 | 213.4 | 198.3 | 188.9 | 213.4 | 172.1 |
| Augusta | A2545-5122-EZ | 5122 | 95 | 206.3 | 16.8 | 12 | \$1,072 | 26 | 239.6 | 236.6 | 209.7 | 197.3 | 195.8 | 158.5 |
| Latham | LH 4957 VT2P RIB | VT2P | 99 | 205.6 | 16.3 | 15 | \$1,071 | 27 | 234.9 | 244.4 | 192.7 | 217.5 | 182.2 | 161.9 |
| DeKalb | DKC48-68RIB GC | STX | 98 | 204.6 | 16.8 | 4 | \$1,063 | 30 | 241.6 | 228.7 | 211.4 | 192.2 | 193.3 | 160.5 |
| Titan Pro | 20-99 | CONV | 99 | 204.2 | 16.3 | 16 | \$1,064 | 29 | 256.3 | 201.7 | 221.7 | 170.1 | 209.4 | 166.1 |
| DeKalb | DKC51-98RIB CK | STX | 101 | 198.7 | 16.7 | 8 | \$1,033 | 49 | 237.9 | 222.0 | 205.4 | 155.4 | 207.6 | 164.1 |
| Averages = | | | | 203.2 | 16.9 | 14 | \$1,055 | | 238.9 | 230.8 | 200.0 | 178.2 | 204.3 | 166.9 |
| LSD (0.10) = | | | | 12.4 | 0.2 | 10.7 | | | 18.8 | 20.8 | 22.1 | 27.1 | 17.5 | 25.1 |

| FULL-SEASON TEST 103-107 Day CRM Top 30 of 69 tested | | | | | | | | | | Results in BOLD are significantly above test average. | | | | | |
|--|------------------|--------|-----|--------------|------|-----|---------|----|--------------|---|--------------|--------------|--------------|--------------|--|
| Golden Harvest | G07G73-5122 EZR | 5122 | 107 | 235.6 | 19.2 | 16 | \$1,207 | 1 | 269.2 | 246.8 | 219.1 | 213.8 | 229.2 | 235.6 | |
| Latham | LH 5725 VT2P RIB | VT2P | 107 | 232.2 | 17.9 | 15 | \$1,198 | 2 | 264.4 | 267.6 | 239.7 | 184.6 | 246.9 | 190.1 | |
| Augusta | A2856-3220-EZ | 3220 | 106 | 231.4 | 18.4 | 5 | \$1,191 | 3 | 249.9 | 258.9 | 238.9 | 205.3 | 227.8 | 207.8 | |
| DenBesten | DB32-07 | CONV | 107 | 230.2 | 19.1 | 14 | \$1,180 | 4 | 262.3 | 240.8 | 244.0 | 223.5 | 223.2 | 187.4 | |
| Integra | 5719 VT2PRIB | VT2P | 107 | 228.5 | 18.3 | 9 | \$1,177 | 5 | 250.8 | 250.2 | 231.3 | 207.8 | 241.1 | 189.8 | |
| Federal | 5610 CONV | CONV | 106 | 226.0 | 18.2 | 14 | \$1,165 | 6 | 237.7 | 245.9 | 240.5 | 187.8 | 240.3 | 203.7 | |
| Anderson | 472SRC | STX | 106 | 224.8 | 18.0 | 9 | \$1,160 | 7 | 256.9 | 209.8 | 237.7 | 205.8 | 218.2 | 220.1 | |
| Latham | LH 5646 PCE | PCE | 106 | 224.5 | 18.2 | 13 | \$1,157 | 8 | 256.6 | 221.5 | 233.3 | 182.4 | 244.8 | 208.2 | |
| Epley | E1530 | CONV | 105 | 224.1 | 18.2 | 9 | \$1,155 | 9 | 232.6 | 240.7 | 193.3 | 212.1 | 246.5 | 219.5 | |
| Gold Country | 106-96RSS | STX | 106 | 223.6 | 18.2 | 9 | \$1,151 | 10 | 248.1 | 242.4 | 234.2 | 196.3 | 224.7 | 195.5 | |
| DeKalb | DKC56-65RIB GC | STX | 105 | 221.8 | 18.6 | 3 | \$1,141 | 11 | 239.7 | 249.4 | 229.0 | 189.0 | 226.7 | 197.1 | |
| Wyffels | W5086RIB | VT2P | 107 | 221.5 | 18.4 | 5 | \$1,140 | 13 | 241.6 | 261.9 | 232.4 | 192.5 | 208.5 | 192.1 | |
| Renk | RK710DGVT2P | VT2PDG | 107 | 221.2 | 18.2 | 11 | \$1,140 | 12 | 247.6 | 242.7 | 249.8 | 178.9 | 221.6 | 186.6 | |
| Viking | 51-04 | CONV | 104 | 220.3 | 17.9 | 9 | \$1,137 | 14 | 262.9 | 236.7 | 225.1 | 191.4 | 217.1 | 188.8 | |
| DenBesten | DB38-06 | CONV | 106 | 219.9 | 18.4 | 7 | \$1,132 | 15 | 244.5 | 239.0 | 234.1 | 199.8 | 242.8 | 159.5 | |
| Titan Pro | 24-04 | CONV | 104 | 218.9 | 18.0 | 17 | \$1,129 | 16 | 249.2 | 216.2 | 226.8 | 188.6 | 239.0 | 193.5 | |
| Enestvedt | E598 | CONV | 106 | 218.3 | 18.0 | 10 | \$1,127 | 17 | 243.5 | 245.5 | 206.8 | 176.6 | 225.1 | 212.5 | |
| Integra | 5529 VT2PRIB | VT2P | 105 | 217.7 | 18.1 | 12 | \$1,123 | 18 | 230.0 | 253.7 | 204.3 | 200.5 | 215.2 | 202.4 | |
| Federal | 5610 PCE | PCE | 106 | 216.9 | 18.3 | 8 | \$1,118 | 20 | 221.5 | 227.5 | 230.6 | 197.7 | 216.7 | 207.7 | |
| Titan Pro | 82-04 2P | VT2P | 104 | 216.6 | 17.9 | 14 | \$1,118 | 19 | 243.4 | 236.5 | 213.0 | 203.5 | 212.2 | 191.3 | |
| Wyffels | W4588 | STX | 105 | 216.6 | 18.1 | 5 | \$1,118 | 21 | 199.7 | 222.5 | 213.2 | 199.7 | 243.5 | 221.2 | |
| Heine | 7570STX | STX | 105 | 215.8 | 17.9 | 22 | \$1,114 | 22 | 225.3 | 238.8 | 241.0 | 202.6 | 222.0 | 165.1 | |
| Innotech | IC5480-3111A | 3111A | 104 | 215.0 | 18.1 | 5 | \$1,109 | 23 | 239.1 | 231.2 | 238.8 | 192.1 | 225.6 | 163.1 | |
| Pioneer | P0622Q GC | QR | 106 | 214.8 | 18.6 | 1 | \$1,104 | 25 | 242.1 | 250.3 | 234.3 | 205.9 | 195.1 | 160.9 | |
| NK Brand | NK0624-5222 EZR | 5222 | 106 | 214.7 | 18.1 | 10 | \$1,107 | 24 | 230.4 | 248.5 | 227.5 | 205.9 | 192.6 | 183.5 | |
| Viking | 84-05 | CONV | 105 | 212.8 | 17.7 | 18 | \$1,100 | 27 | 238.7 | 210.1 | 194.1 | 194.0 | 242.5 | 197.2 | |
| Federal | 5700 STX | STX | 107 | 212.7 | 18.1 | 10 | \$1,097 | 28 | 217.1 | 229.5 | 246.7 | 188.4 | 213.4 | 181.2 | |
| Enestvedt | E539 | CONV | 103 | 212.5 | 17.1 | 6 | \$1,103 | 26 | 236.5 | 212.6 | 204.9 | 205.4 | 221.9 | 193.7 | |
| Gold Country | 103-58RSS | STX | 103 | 211.8 | 17.6 | 17 | \$1,095 | 30 | 223.0 | 242.5 | 226.0 | 173.8 | 222.6 | 182.7 | |
| Heine | 740VT2PRIB | VT2P | 103 | 211.6 | 17.3 | 15 | \$1,096 | 29 | 249.1 | 235.6 | 224.2 | 157.5 | 231.7 | 171.5 | |
| DeKalb | DKC51-98RIB CK | STX | 101 | 194.3 | 16.8 | 3 | \$1,010 | 61 | 209.6 | 205.4 | 204.2 | 161.1 | 214.2 | 171.6 | |
| Averages = | | | | 209.6 | 17.9 | 12 | \$1,082 | | 231.3 | 229.1 | 211.9 | 184.0 | 216.5 | 184.8 | |
| LSD (0.10) = | | | | 11.4 | 0.3 | 9.9 | | | 25.2 | 20.6 | 23.7 | 21.9 | 19.1 | 26.2 | |

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

EARLY-SEASON TEST | 97-102 Day CRM | Top 30 of 72 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 | | | | |
|---------------------|------------------|------------|-------------------|--------------|--------------|-------------|---------------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|-------|--|--|--|--|--------|--|--|--|--|-----------|--|--|--|--|--------------|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Titan Pro | 84-01 | CONV | 101 | 252.0 | 18.4 | 1 | \$1,297 | 1 | 275.5 | 235.0 | 254.9 | 250.8 | 273.6 | 222.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Federal | 5280 VT2PRIB | VT2P | 102 | 248.5 | 18.4 | 0 | \$1,279 | 2 | 275.1 | 234.2 | 245.8 | 252.7 | 248.0 | 235.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Anderson | 507R | RR2 | 102 | 247.6 | 18.3 | 5 | \$1,276 | 3 | 257.6 | 227.2 | 249.6 | 243.2 | 273.2 | 234.7 | | | | | | | | | | | | | | | | | | | | | | | | |
| Dairyland | DS-3959Q | QR | 99 | 244.2 | 18.9 | 1 | \$1,254 | 4 | 277.6 | 222.7 | 246.6 | 251.4 | 246.4 | 220.4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Viking | 46-02 | CONV | 102 | 242.9 | 18.7 | 1 | \$1,248 | 5 | 240.2 | 218.8 | 254.9 | 247.5 | 247.9 | 248.2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Federal | 5120 STX | STX | 101 | 242.7 | 18.9 | 1 | \$1,246 | 8 | 270.8 | 219.9 | 242.4 | 254.4 | 240.6 | 227.8 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wyllfels | W2506RIB | VT2P | 101 | 242.1 | 18.4 | 5 | \$1,246 | 6 | 219.0 | 236.7 | 257.4 | 262.2 | 248.2 | 228.8 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thunder | T6902 VT2P | VT2P | 102 | 242.1 | 18.3 | 2 | \$1,246 | 7 | 274.3 | 216.5 | 235.4 | 257.1 | 237.6 | 231.4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Dyna-Gro | D43VC81 | VT2P | 102 | 241.8 | 19.4 | 1 | \$1,238 | 10 | 251.7 | 232.0 | 237.0 | 264.5 | 227.4 | 238.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Augusta | A2150-5222-EZ | 5222 | 100 | 241.3 | 19.3 | 2 | \$1,236 | 12 | 261.3 | 218.4 | 250.1 | 243.3 | 247.6 | 227.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Augusta | A3052-5222-EZ | 5222 | 102 | 241.2 | 20.0 | 9 | \$1,230 | 14 | 234.5 | 223.4 | 249.8 | 254.9 | 263.8 | 220.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Dairyland | DS-3727AM | AM | 97 | 240.6 | 18.0 | 1 | \$1,241 | 9 | 275.4 | 214.9 | 240.2 | 252.3 | 261.6 | 199.2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pioneer | P9823Q GC | QR | 98 | 240.0 | 18.3 | 1 | \$1,236 | 11 | 252.7 | 222.8 | 244.0 | 269.8 | 215.7 | 235.4 | | | | | | | | | | | | | | | | | | | | | | | | |
| NuTech | 57A4Q | QR | 97 | 238.9 | 18.4 | 0 | \$1,230 | 13 | 280.2 | 209.7 | 249.3 | 249.9 | 229.6 | 214.7 | | | | | | | | | | | | | | | | | | | | | | | | |
| NK Brand | NK0243-5122 EZR | 5122 | 102 | 237.9 | 19.1 | 9 | \$1,220 | 18 | 267.6 | 216.2 | 235.0 | 258.0 | 251.7 | 198.7 | | | | | | | | | | | | | | | | | | | | | | | | |
| Latham | LH 5245 VT2P RIB | VT2P | 102 | 237.4 | 18.4 | 3 | \$1,223 | 15 | 256.6 | 217.8 | 227.3 | 248.2 | 252.1 | 222.6 | | | | | | | | | | | | | | | | | | | | | | | | |
| Federal | 5280 CONV | CONV | 102 | 237.2 | 18.4 | 4 | \$1,221 | 16 | 237.0 | 226.6 | 242.8 | 258.0 | 235.2 | 223.7 | | | | | | | | | | | | | | | | | | | | | | | | |
| Latham | LH 5159 SS RIB | STX | 101 | 237.1 | 18.7 | 1 | \$1,218 | 19 | 249.6 | 235.9 | 220.3 | 269.9 | 234.6 | 212.2 | | | | | | | | | | | | | | | | | | | | | | | | |
| NuTech | 60A2Q | QR | 100 | 236.9 | 19.1 | 2 | \$1,215 | 21 | 249.8 | 202.0 | 241.7 | 266.3 | 247.0 | 214.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thunder | T8100 SS | STX | 100 | 236.5 | 18.1 | 2 | \$1,220 | 17 | 256.1 | 235.1 | 255.7 | 251.4 | 214.6 | 206.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pioneer | P0075Q GC | QR | 100 | 236.4 | 18.5 | 2 | \$1,216 | 20 | 245.7 | 212.8 | 245.3 | 252.6 | 243.0 | 219.2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Titan Pro | 22-00 2P | VT2P | 100 | 235.7 | 19.1 | 0 | \$1,209 | 23 | 257.0 | 207.0 | 231.4 | 253.0 | 238.6 | 227.4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Titan Pro | 26-00 | CONV | 100 | 235.1 | 18.5 | 1 | \$1,210 | 22 | 250.5 | 210.4 | 237.5 | 234.4 | 262.9 | 214.7 | | | | | | | | | | | | | | | | | | | | | | | | |
| NK Brand | NK9930-5122 EZR | 5122 | 99 | 234.5 | 19.4 | 2 | \$1,200 | 27 | 253.1 | 241.4 | 246.6 | 220.8 | 256.6 | 188.3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Latham | LH 5209 5222-EZ | 5222 | 102 | 234.4 | 19.2 | 4 | \$1,201 | 25 | 266.4 | 213.6 | 248.4 | 209.3 | 253.3 | 215.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pioneer | P0220Q GC | QR | 102 | 233.1 | 19.0 | 0 | \$1,196 | 30 | 246.5 | 202.6 | 251.7 | 241.5 | 240.2 | 216.2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Golden Harvest | G02K39-5122 EZR | 5122 | 102 | 232.8 | 18.7 | 3 | \$1,197 | 29 | 274.4 | 212.4 | 225.2 | 257.4 | 230.6 | 196.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| NuTech | 58B1AM | AM | 98 | 232.4 | 17.8 | 1 | \$1,201 | 26 | 257.8 | 220.5 | 230.7 | 249.5 | 239.4 | 196.6 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thunder | T6100 VT2P | VT2P | 100 | 232.2 | 17.6 | 6 | \$1,201 | 24 | 243.8 | 217.9 | 233.1 | 248.1 | 249.6 | 200.7 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hefty | H4922 RIB | VT2P | 99 | 231.8 | 17.7 | 2 | \$1,198 | 28 | 241.2 | 237.6 | 227.6 | 238.3 | 230.2 | 215.9 | | | | | | | | | | | | | | | | | | | | | | | | |
| DeKalb | DKC51-98RIB CK | STX | 101 | 222.1 | 18.3 | 0 | \$1,144 | 62 | 257.9 | 202.9 | 219.0 | 237.0 | 224.0 | 191.6 | | | | | | | | | | | | | | | | | | | | | | | | |
| Averages = | | | | 229.4 | 18.3 | 3 | \$1,182 | | 246.2 | 211.4 | 233.8 | 242.1 | 232.8 | 210.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| LSD (0.10) = | | | | 9.8 | 0.3 | 4.8 | | | 22.6 | 15.8 | 14.1 | 14.6 | 22.9 | 17.4 | | | | | | | | | | | | | | | | | | | | | | | | |

| FULL-SEASON TEST 103-107 Day CRM Top 30 of 58 tested | | | | | | | | | | Results in BOLD are significantly above test average. | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------|-----|--------------|------|---|---------|----|--------------|---|--------------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Gold Country | 106-96RSS | STX | 106 | 268.3 | 20.7 | 1 | \$1,363 | 1 | 271.8 | 263.5 | 264.4 | 299.6 | 252.4 | 258.2 | | | | | | | | | | | | | | | | | | |
| Viking | 51-04 | CONV | 104 | 267.3 | 20.6 | 2 | \$1,358 | 2 | 273.9 | 239.6 | 249.1 | 285.5 | 292.1 | 263.2 | | | | | | | | | | | | | | | | | | |
| Latham | LH 5646 PCE | PC,E | 106 | 266.6 | 21.1 | 5 | \$1,351 | 3 | 254.5 | 246.3 | 265.2 | 283.1 | 288.6 | 262.0 | | | | | | | | | | | | | | | | | | |
| Federal | 5610 PCE | PC,E | 106 | 264.9 | 21.0 | 3 | \$1,343 | 4 | 270.1 | 256.5 | 258.4 | 284.6 | 266.3 | 253.7 | | | | | | | | | | | | | | | | | | |
| Hi Fidelity Genetics | HFG1051 | CONV | 105 | 260.8 | 20.3 | 9 | \$1,328 | 5 | 256.8 | 242.2 | 279.1 | 268.0 | 253.2 | 265.6 | | | | | | | | | | | | | | | | | | |
| Federal | 5610 CONV | CONV | 106 | 259.4 | 20.5 | 1 | \$1,319 | 6 | 261.3 | 232.4 | 248.5 | 294.3 | 262.1 | 257.5 | | | | | | | | | | | | | | | | | | |
| Wyllfels | W5086RIB | VT2P | 107 | 259.3 | 21.0 | 1 | \$1,314 | 9 | 276.9 | 240.5 | 251.1 | 287.3 | 246.5 | 253.4 | | | | | | | | | | | | | | | | | | |
| Hi Fidelity Genetics | HFG1071 | CONV | 105 | 258.2 | 20.1 | 2 | \$1,317 | 7 | 278.2 | 234.7 | 255.9 | 272.2 | 242.2 | 266.1 | | | | | | | | | | | | | | | | | | |
| Wyllfels | W4196RIB | VT2P | 105 | 258.0 | 20.4 | 1 | \$1,313 | 10 | 281.9 | 242.1 | 237.5 | 267.7 | 273.9 | | | | | | | | | | | | | | | | | | | |

CORN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|--|------------|----------|-----|--------------|---|
| AGRIGOLD AgriGold (AgReliant Genetics, LLC) www.agrigold.com 5381 Akin Rd, St. Francisville, IL 62460 (800) 262-7333 | | | | | |
| A629-12VT2RIB GC | VT2P | 99 | Y | AC,P5V | MNWCB |
| A631-90VT2PRO GC | VT2P | 101 | N | AC,P5V | MNWCB |
| ANDERSON Anderson Seeds www.andersonseedsmn.com 37825 County Rd 63, St. Peter, MN 56082 (507) 246-5032 | | | | | |
| 472SRC | STX | 106 | N | AC,P5V | IANCa, IANWa, MNSWb |
| 507R | RR2 | 102 | N | AC,P2 | IANCa, MNSEa |
| 507SRC | STX | 102 | N | AC,P5V | IANWa, MNSWa |
| 609R | RR2 | 98 | N | MQ | MNWCa |
| 681SRC | STX | 100 | N | AC,P5V | IANOu, MNSEa |
| 681VT2P | VT2P | 100 | N | AC,P5V | MNSWa |
| 6909 | CONV | 98 | N | MQ | MNSWa |
| 726VT2P | VT2P | 98 | N | AC,P2V | IANOu, MNSEa |
| 742VT2P | VT2P | 92 | N | AC,P2V | MNEC, MNSOu |
| 745SRC | STX | 97 | N | AC,P5V | MNSEa |
| 7865 | CONV | 95 | N | MQ | MNSOu |
| 786R | RR2 | 95 | N | MQ | MNWCa |
| 786VT2P | VT2P | 95 | N | AC,P2V | MNEC, MNSOu |
| AUGUSTA Augusta Seed Corporation www.augustaseed.com PO Box 899, Verona, VA 24482 (540) 886-6055 | | | | | |
| A1849-5122-EZ | 5122 | 99 | Y | AVC,C2 | IANOu, MISOa, MITH, MNSEa, WICEb, WISOa |
| A2150-5222-EZ | 5222 | 100 | Y | CM,C2 | IANOu, MISOa, MNSEa, MNSWa, MNWCb, WICEb, WISOa |
| A2345-5222-EZ | 5222 | 95 | Y | CM,C2 | MNSOu, WICEa |
| A2541-3110 | 3110 | 91 | N | CM,C2 | MNEC, MNSOu, WICEa |
| A2545-5122-EZ | 5122 | 95 | Y | CM,C2 | IANOu, MNEC, MNSOu, MNSWa, WICEa |
| A2856-3220-EZ | 3220 | 106 | Y | CM,C2 | IANCa, ILNOa, MNSWb |
| A3052-5222-EZ | 5222 | 102 | Y | CM,C2 | MITH, MNSEa, MNSWa, NCTSa, WICEb |
| CHANNEL Channel Brand (Bayer CropScience) www.channel.com 800 N Lindbergh Blvd, St. Louis, MO 63167 (800) 768-6387 | | | | | |
| 199-29 STXRIB GC | STX | 99 | Y | AC,P5V | MNWCB, SDNEb |
| DAHLMAN Dahlman Seed Company LLP www.dahlmanseed.com 73504 200th St, Dassel, MN 55325 (800) 289-7333 | | | | | |
| R45-25VT2PRIB | VT2P | 90 | Y | AC,P2 | MNEC, RRSOa |
| R47-24VT2PRIB | VT2P | 94 | Y | AC,P2 | MNEC, RRSOb |
| R48-28VT2PRIB | VT2P | 95 | Y | AC,P2 | MNEC, RRSOb |
| R49-23VT2PRIB | VT2P | 98 | Y | AC,P2 | MNWCa |
| R49-25VT2PRIB | VT2P | 98 | Y | AC,P2 | MNSEa, MNWCb |
| R50-25VT2PRIB | VT2P | 100 | Y | AC,P2 | MNSEa, MNWCb |
| R52-24VT2PRIB | VT2P | 103 | Y | AC,P2 | MNSEb |
| R52-26VT2PRIB | VT2P | 104 | Y | AC,P5V,B-300 | MNSEb |
| R53-350SSRIB | STX | 106 | Y | AC,P2 | MNSEb |
| DAIRYLAND Dairyland Seed Co., Inc. (Corteva Agriscience) www.dairylandseed.com PO Box 958, West Bend, WI 53095 (800) 236-0163 | | | | | |
| DS-2828AM | AM | 88 | Y | Lum | MNEC, RRCEb, RRSOa |
| DS-3022AM | AM | 90 | Y | Lum,P1V | MNEC, RRCEb, RRSOa |
| DS-3162Q | QR | 91 | Y | Lum,P1V | MNEC, RRSOb, SDNEa |
| DS-3193AM | AM | 91 | Y | Lum,P1V | MNEC, RRSOb, SDNEa |
| DS-3366AM | AM | 93 | Y | Lum,P1V | MNEC, MNSOu, MNWCb, RRSOb, SDNEa, WICEa |

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|---|------------|----------|-----|--------------|---|
| DS-3550AM | AM | 95 | Y | Lum,P1V | MITH, MNEC, MNSOu, MNWCb, RRSOb, SDNEa, WICEa |
| DS-3715AM | AM | 97 | Y | Lum,P1V | MITH, MNSEa, MNWCa, SDNEb, WICEa |
| DS-3727AM | AM | 97 | Y | Lum,P1V | MITH, MNSEa, MNSWa, MNWCb, SDNEb, WICEa |
| DS-3959Q | QR | 99 | Y | Lum,P1V | MISOa, MNSEa, MNSWa, MNWCb, SDNEb, SDSe, WICEb, WISOa |
| DS-4000AMXT | AMXT | 100 | Y* | Lum,P1V | MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSe |
| DS-4014Q | QR | 100 | Y | Lum,P1V | MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSe, WICEb, WISOa |
| DS-4018AM | AM | 101 | Y | Lum,P1V | ILNOu, MISOa, MITH, MNSWa, MNWCb, NCTSa, SDSe, WICEb, WISOa |
| DS-4310AM | AM | 103 | Y | Lum,P1V | ILNOu, INNOa, MISOa, MITH, MNSEb, MNSWb, NCTSa, SDSe, WISOa |
| DS-4440AM | AM | 104 | Y | Lum,P5V | ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, SDSe, WISOa |
| DS-4510Q | QR | 105 | Y | Lum,P1V | ILNOu, INCEa, INNOa, MISOb, MNSEb, NCTSa, WISOb |
| DEKALB DeKalb Brand (Bayer CropScience) www.dekalb.com 800 N Lindbergh Blvd, St. Louis, MO 63167 (800) 768-6387 | | | | | |
| DKC45-94RIB GC | STX | 95 | Y | AC,P5V,B-360 | MNSOu |
| DKC48-68RIB GC | STX | 98 | Y | AC,P5V,B-360 | MNSEa, MNSWa, WICEa |
| DKC48-95RIB GC | VT2P | 98 | Y | AC,P5,B360 | MNWCa, SDNEb |
| DKC51-98RIB CK | STX | 101 | Y | AC,P5V,B-360 | MNSEa, MNSEb, MNSWa, MNSWb |
| DKC54-28RIB GC | STX | 104 | Y | AC,P5 | MNSWb |
| DKC54-38RIB GC | STX | 104 | Y | AC,P5 | MNSEb |
| DKC56-65RIB GC | STX | 105 | Y | AC,P5V,B-360 | IANCa, IANWa, MNSEb, MNSWb, WISOb |
| DENBESTEN DenBesten (Dakota's Best Seed) www.dakotasbestseedllc.com Dakota's Best Seed LLC, Platte, SD 57369 (605) 337-3318 | | | | | |
| DB30-97 | CONV | 97 | N | Treated | MNSWa |
| DB32-02 | CONV | 102 | N | Treated | IANWa, MNSWa, SDSe |
| DB32-07 | CONV | 107 | N | Treated | IANwb, MNSWb |
| DB38-06 | CONV | 106 | N | Treated | IANWa, MNSWb, SDSe |
| DYNA-GRO Dyna-Gro Seed (Nutrien Ag Solutions) www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538 (970) 685-3300 | | | | | |
| D27VC87 | VT2P | 87 | N | AC,P5V | MNEC, RRCEb, RRSOa |
| D36VC66 | VT2P | 97 | N | AC,P5V | IANOu, MNSEa, WICEa |
| D37VC64 | VT2P | 97 | N | AC,P5V | MITH, MNWCa |
| D40VC41 | VT2P | 100 | N | AC,P5V | MISOa, MITH, MNSWa, MNWCb, SDNEb, SDSe |
| D42SS20 | STX | 102 | N | AC,P5V | MNSEa, NCTSa, WICEb, WISOa |
| D43VC81 | VT2P | 102 | N | AC,P5V | IANCa, MISOa, MITH, MNSEa, MNSWa, MNWCb, SDSe |
| D44SS54 GC | STX | 104 | N | AC,P5V | MNSEb, MNSWb |
| 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, SDSe |
| E598 | CONV | 106 | N | AC250 | MNSEb, MNSWb, SDSe |
| E600DP RIB | VT2P | 99 | Y | AC250 | MNSEa, MNSWa, MNWCb, SDNEb, SDSe |
| E612RR | RR2 | 92 | N | CM,C2,Vi | MNEC, RRSOb |
| E640DP RIB | VT2P | 94 | Y | AC250 | MNEC, MNSOu |
| E658DP RIB | VT2P | 96 | Y | AC250 | MNSOu, MNWCa, SDNEb |

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 |
|--|------------|----------|-----|---|---|
| E670 | CONV | 100 | N | AC250 | MNSWa |
| E699DP RIB | VT2P | 99 | Y | AC250 | MNSWa, MNWCb, SDNEb |
| EPELY Epley Bros. Hybrids, Inc. 22494 Yale Ave, Shell Rock, IA 50670 (800) 728-6293 | | | |  | |
| E1040 | CONV | 100 | N | Vi5 | MNSWa |
| E1530 | CONV | 105 | N | Treated | MNSWb, SDSEb |
| FEDERAL Federal Hybrids www.federalhybrids.com 209 3rd St NE, West Bend, IA 50597 (515) 887-5888 | | | |  | |
| 4300 VT2PRIB | VT2P | 93 | Y | AC,P2,MAG | MNEC, SDNEa |
| 4520 VT2PDG | VT2PDG | 95 | N | AC,P5V,MAG | MNEC, MNSOu, SDNEa |
| 4680 VT2PRIB | VT2P | 96 | Y | AC,P2,MAG | MNSOu, WICEa |
| 4820 VT2P | VT2P | 98 | N | AC,P5V,MAG | IANOu, MNSEa, MNWCa, SDNEb, WICEa |
| 4880 VT2PRIB | VT2P | 98 | Y | AC,P2,MAG | MNWCa, SDNEb |
| 4990 VT2PRIB | VT2P | 99 | Y | AC,P2,MAG | IANOu, MNSEa, SDNEb, WICEb |
| 5120 STX | STX | 101 | N | AC,P5V,MAG | MNSEa, MNWCb, WICEb |
| 5280 CONV | CONV | 102 | N | AC,P2,MAG | MNSEa, MNSWa |
| 5280 VT2PRIB | VT2P | 102 | Y | AC,P2,MAG | IANCa, IANWa, MNSEa, MNWCb, WICEb |
| 5300 VT2PRIB | VT2P | 103 | Y | AC,P2,MAG | IANCa, IANWa, MNSEb, NCTSa, WISOa |
| 5510 VT2PRIB | VT2P | 105 | Y | AC,P2,MAG | IANCa, IANWa, MNSEb, MNSWb, NCTSa, WISOb |
| 5610 CONV | CONV | 106 | N | AC,P2,MAG | MNSEb, MNSWb |
| 5610 PCE | PCE | 106 | N | AC,P5V,MAG | IANCa, IANWa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| 5700 STX | STX | 107 | Y | AC,P5V,MAG | MNSWb |
| 5700 VT2P | VT2P | 107 | Y | AC,P2,MAG | IANCb, IANWb, MNSEb |
| GOLD COUNTRY Gold Country Seed (Bayer CropScience) www.goldcountryseed.com 16506 MN-15, Hutchinson, MN 55350 (320) 587-1050 | | | |  | |
| 101-49RSS | STX | 101 | N | AC,P5V,B-360 | MNSEa, MNSWa, MNWCb |
| 102-07RSS | STX | 102 | Y | AC,P5V,B-360 | MNWCb |
| 103-23 | CONV | 103 | N | AC,P2,B360 | MNSEb, MNSWb |
| 103-58RSS | STX | 103 | N | AC,P5,B360 | MNSEb, MNSWb |
| 105-66DR2P | VT2PDG | 105 | N | AC,P5,B360 | MNSEb, MNSWb |
| 106-96RSS | STX | 106 | Y | AC,P5,B360 | MNSEb, MNSWb |
| 86-12R2P | VT2P | 86 | N | AC,P2,B360 | MNEC |
| 90-07R2P | VT2P | 90 | N | AC,P5,B360 | MNEC |
| 93-41R2P | VT2P | 93 | N | AC,P5,B360 | MNEC |
| 94-44RSS | STX | 94 | N | AC,P5,B360 | MNEC, MNWCa |
| 95-03R2P | VT2P | 95 | N | AC,P5,B360 | MNEC, MNWCa |
| 97-14R2P | VT2P | 97 | N | AC,P5,B360 | MNSEa, MNSWa, MNWCb |
| 98-11 | CONV | 98 | N | AC,P5,B360 | MNSEa, MNSWa |
| 98-11R2P | VT2P | 98 | Y | AC,P5,B360 | MNWCa |
| 99-01R2P | VT2P | 99 | N | AC,P5,B360 | MNSEa, MNSWa, MNWCb |
| GOLDEN HARVEST Golden Harvest Brand (Syngenta) www.goldenharvestseeds.com 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 (800) 944-7333 | | | |  | |
| G02K39-5122 EZR | 5122 | 102 | Y | AVC,C2,Vi | IANCa, MNSEa, MNSWa, MNWCb, NCTSa, WICEb |
| G03B96-5122 EZR | 5122 | 103 | Y | AVC,C2,Vi | IANCa, IANWa, MISOb, MITH, MNSEb, MNSWb, NCTSa, OHNWa, WISOa |
| G04G36-3111A EZR | 3111A | 104 | Y | AVC,C2,Vi | MISOa, MNSEb, MNSWb |
| G07G73-5122 EZR | 5122 | 107 | Y | AVC,C2,Vi | IANCb, IANWb, IASOa, ILECa, ILNOa, ILWCa, INSOa, MISOb, MNSEb, MNSWb, NCTSb, NENEa, OHNWa, SDSEb, WISOb |
| G90S99-5222 EZR | 5222 | 90 | Y | AVC,C2,Vi | MNEC, RRCEb, RRSOa |
| G91V51-5222A EZR | 5222A | 91 | Y | AVC,C2,Vi | MNEC, RRSOb, SDNEa |

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|---|------------|----------|-----|---|--|
| G95M41-5122 EZR | 5122 | 95 | Y | AVC,C2,Vi | IANOu, MNSOu, MNWCa, WICEa |
| G96R61-5222 EZR | 5222 | 96 | Y | AVC,C2,Vi | MNWCa, SDNEb, WICEa |
| G99E68-5122 EZR | 5122 | 99 | Y | AVC,C2,Vi | IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa |
| HEFTY Hefty Seed Company www.heftysseed.com 47504 252nd St, Baltic, SD 57003 (866) 769-7200 | | | |  | |
| H3632 RIB | VT2P | 86 | Y | HC | MNEC, RRCEb |
| H3712 RIB | VT2P | 87 | Y | HC | MNEC, RRCEb, RRSOa |
| H3922 RIB | VT2P | 89 | Y | HC | MNEC, RRCEb, RRSOa |
| H4032 RIB | VT2P | 90 | Y | HC | MNEC, RRCEb, RRSOa |
| H4052 | VT2P | 90 | N | HC | MNEC, RRCEb, RRSOa |
| H4132 | VT2P | 91 | N | HC | MNEC, MNSOu, RRSOb, SDNEa |
| H4222 RIB | VT2P | 92 | Y | HC | MNEC, RRSOb |
| H4322 RIB | VT2P | 93 | Y | HC | MNEC, MNSOu, MNWCa, SDNEa |
| H4332 RIB | VT2P | 93 | Y | HC | MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa |
| H4522 RIB | VT2P | 95 | Y | HC | MNEC, MNSOu, MNWCa, RRSOb, WICEa |
| H4653 RIB | VT2PDG | 96 | Y | HC | MNSOu, SDNEb |
| H4732 | VT2P | 97 | N | HC | MNWCa, WICEa |
| H4842 RIB | VT2P | 98 | Y | HC | IANOu, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEa |
| H4922 RIB | VT2P | 99 | Y | HC | IANOu, MNSEa, MNSWa, MNWCb, WICEb |
| H4933 RIB | VT2PDG | 99 | Y | HC | IANOu, MNWCb, SDNEb, SDSEa, WICEb, WISOa |
| H4942 RIB | VT2P | 99 | Y | HC | IANOu, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WISOa |
| H5055 | TRE | 100 | N | HC | IANOu, MNSWa, MNWCb, SDNEb, SDSEa, WICEb |
| H5132 RIB | VT2P | 101 | Y | HC | IANWa, ILNOu, MNSEa, MNSWa, MNWCb, SDSEa, WICEb |
| H5144 | STX | 101 | N | HC | IANCa, IANWa, ILNOu, MNSEa, NCTSa |
| H5212 RIB | VT2P | 102 | Y | HC | MNSWb, NCTSa, SDSEb |
| H5432 RIB | VT2P | 104 | Y | HC | IANCa, IANWa, ILNOu, MNSEb, MNSWb, NCTSa, PACE, SDSEb, WISOa |
| H5442 RIB | VT2P | 104 | Y | HC | IANCa, IANWa, ILNOu, MNSEb, MNSWb, SDSEb, WISOa |
| H5444 | STX | 104 | N | HC | IANCa, ILECa, ILNOu, ILWCa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| H5655 | TRE | 106 | N | HC | IANCa, IANWa, IAWCa, ILNOa, MNSEb, MNSWb, NCTSa, NENEa, PASE, SDSEb, WISOb |
| HEINE Heine Hybrid Seed Corn www.heinehybrids.com 1014 E 320th St, Vermillion, SD 57069 (605) 677-8263 | | | |  | |
| 6500VT2PRO | VT2P | 98 | N | AC250 | MNSWb, SDNEb |
| 6580STX | STX | 99 | N | AC,P5V,EDC-B | MNSWb |
| 6650TRE | TRE | 99 | N | AC,P5 | MNSWb, SDNEb, SDSEa |
| 7010VT2PRO | VT2P | 100 | N | CM,C2 | MNSWb, SDNEb |
| 7240STX | STX | 102 | N | AC,P5 | MNSWb |
| 740VT2PRIB | VT2P | 103 | Y | AC250 | MNSWb |
| 7450VT2PRO | VT2P | 104 | Y | AC250 | MNSWb, SDSEb |
| 7520STX | STX | 105 | N | AC,P5 | MNSWb, SDSEb |
| 7570STX | STX | 105 | N | AC,P5V,EDC-B | MNSWb, SDSEb |
| 7730VT2PRO | VT2P | 107 | N | AC,P5V,EDC-B | MNSWb, SDSEb |

CORN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested | Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested | | | | | | |
|--|------------|----------|-----|--------------|--|--|------------|----------|-----|-----------|---|--|--|--|--|--|--|
| HI FIDELITY GENETICS Hi Fidelity Genetics www.hifidelitygenetics.com 326 W Geer St, Durham, NC 27701 (515) HFG-SEED | | | | | | | | | | | | | | | | | |
| HFG1002 | CONV | 100 | N | AC250 | IANQu, MNSEa, MNSWa, SDSEA | LH 5377 VT2P RIB | VT2P | 103 | Y | AC,P2 | IANWa, MNSEb, MNSWb, NCTSb, SDSEb | | | | | | |
| HFG1051 | CONV | 105 | N | CM,C2 | IANCa, IANWa, MNSEb, MNSWb, SDSEb | LH 5389 SS RIB | STX | 103 | Y | P5V | MNSEb, MNSWb | | | | | | |
| HFG1071 | CONV | 105 | N | CM,C2 | IANCa, IANWa, MNSEb, MNSWb, SDSEb | LH 5517 VT2P RIB | VT2P | 105 | Y | AC,P2 | IAWCa, MNSEb, MNSWb, NCTSb, SDSEb | | | | | | |
| INNOTECH Rob See Co www.robseeco.com PO Box 129, Waterloo, NE 68069 (855) 450-1822 | | | | | | | | | | | | | | | | | |
| IC4881-5122-EZ | 5122 | 98 | Y | AVC,C2,Vi | MNSWa, SDNEb, SDSEA | LH 5646 PCE | PC,E | 106 | N | CM,C2,Vi | IAECa, IAWCa, MNSEb, MNSWb, NENEa, SDSEb | | | | | | |
| IC5267-3120-EZ | 3120 | 102 | Y | AVC,C2,Vi | MNSWa, SDSEA | LH 5725 VT2P RIB | VT2P | 107 | Y | AC,P2 | IAECa, IANCb, IANNb, IAWCa, MNSEb, MNSWb, NENEa | | | | | | |
| IC5480-3111A | 3111A | 104 | N | AVC,C2,Vi | MNSWb, SDSEb | MILLER HYBRIDS Miller Hybrids www.millerhybrids.com 1213 Larch Ave, Kalona, IA 52247 (866) 946-CORN | | | | | | | | | | | |
| INTEGRA Integra Fortified Seed (Wilbur-Ellis) www.integraseed.com 2219 229th Place, Ames, IA 50014 (515) 292-1300 | | | | | | | | | | | | | | | | | |
| 4311 VT2PRIB | VT2P | 93 | Y | AC,P5V,SU | MNWCa, RRSoB, SDNEa, WICEa | N00-49 | CONV | 100 | N | MSC | MNSWa | | | | | | |
| 4509 VT2PRIB | VT2P | 95 | Y | AC,P2,SU | MNWCa, RRSoB, SDNEa | M02-73D2 EZ | 5122 | 103 | Y | MSC | MNSWb | | | | | | |
| 4702 VT2PRIB | VT2P | 97 | Y | AC,P5V,EDC-B | MNSWa, MNWCa, SDNEb, SDSEA, WICEa | NK BRAND NK Brand (Syngenta) www.nkseeds.com 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 (800) 258-0521 | | | | | | | | | | | |
| 5052 STXRIB | STX | 100 | Y | AC,P5V,EDC-B | MNWb, WICEb, WISOa | NK0243-5122 EZR | 5122 | 102 | Y | AVC,C2,Vi | IANCa, IANWa, MNSEa, MNSWa, MNWcb, SDSEa | | | | | | |
| 5052 VT2PRIB | VT2P | 100 | Y | AC,P5V,EDC-B | MISOa, MITH, MNSWa, SDNEb, SDSEA | NK0314-5122 EZR | 5122 | 103 | Y | AVC,C2,Vi | IANCa, IANWa, MISOa, MITH, MNSEb, MNSWb, NCTSb, PACE, SDSEb, WISOa | | | | | | |
| 5280 VT2PRIB | VT2P | 102 | Y | AC,P2,SU | IANCa, IANWa, MISOa, MITH, MNSWa, MNWcb, NCTSb, SDSEA, WICEb, WISOa | NK0472-5222 EZR | 5222 | 104 | Y | AVC,C2,Vi | IANCa, IANWa, MNSEb, MNSWb | | | | | | |
| 5529 VT2PRIB | VT2P | 105 | Y | AC,P2,SU | IANCa, IANWa, INNOa, MISOb, MNSWb, NCTSb, OHNWa, SDSEb, WISOb | NK0624-5222 EZR | 5222 | 106 | Y | AVC,C2,Vi | MNSEb, MNSWb, SDSEb | | | | | | |
| 5682 VT2PRIB | VT2P | 106 | Y | AC,P5V,EDC-B | IAECA, IANCa, IANWa, IAWCa, ILECa, ILNOa, ILWCa, INNOa, MISOb, MNSWb, NCTSb, OHNWa, SDSEb, WISOb | NK0748-5122 EZR | 5122 | 107 | Y | AVC,C2,Vi | IAECa, IANCb, IANNb, IAWCa, ILECa, ILNOa, MNSEb, MNSWb, NCTSb, PACE, PASE, SDSEb, WISOb | | | | | | |
| 5719 VT2PRIB | VT2P | 107 | Y | AC,P2,SU | IAECA, IANCb, IANWa, IASOa, IAWCa, ILECa, ILNOa, ILWCa, INNOa, MISOb, MNSWb, MONOa, NCTSb, OHNWa, SDSEb, WISOb | NK9610-5122 EZR | 5122 | 96 | Y | AVC,C2,Vi | MNSOU, WICEa | | | | | | |
| LATHAM Latham Hi-Tech Seeds www.lathamseeds.com 131 180th St, Alexander, IA 50420 (877) 465-2842 | | | | | | | | | | | | | | | | | |
| LH 4375 VT2P RIB | VT2P | 93 | Y | AC,P2 | MNWCa, RRSoB, SDNEa, WICEa | NK9653-5222 EZR | 5222 | 96 | Y | AVC,C2,Vi | IANOu, MITH, MNSOU, MNWCa, SDNEb, WICEa | | | | | | |
| LH 4454 VT2P RIB | VT2P | 94 | Y | AC,P2 | MNWCa, RRSoB, SDNEa, WICEa | NK9930-5122 EZR | 5122 | 99 | Y | AVC,C2,Vi | IANOu, MNSEa, MNSWa, MNWcb, SDNEa | | | | | | |
| LH 4517 VT2P RIB | VT2P | 95 | Y | AC,P2 | MNWCa, RRSoB, SDNEa, WICEa | NK9991-5122 EZR | 5122 | 99 | Y | AVC,C2,Vi | IANOu, MITH, MNSEa, MNSWa, MNWcb, SDNEb, WICEb, WISOa | | | | | | |
| LH 4657 VT2P RIB | VT2P | 96 | Y | AC,P2 | IANOu, MNWCa, SDNEb, WICEa | NUTECH NuTech Seed, LLC (Corteva Agriscience) www.nutechseed.com 201 Knollwood Dr, Champaign, IL 61820 (888) 647-3478 | | | | | | | | | | | |
| LH 4669 SS RIB | STX | 96 | Y | AC,P5 | IANOu, MNWCa, WICEa | 57A4Q | QR | 97 | Y | Lum,P1V | IANOu, MNSEa | | | | | | |
| LH 4937 VT2P RIB | VT2P | 99 | Y | AC,P2 | IANOu, MNWcb, SDNEb, WICEb | 58B1AM | AM | 98 | Y | Lum,P1V | IANOu, MNSEa | | | | | | |
| LH 4957 VT2P RIB | VT2P | 99 | Y | AC,P5V,EDC-B | IANOu, MNSEa, MNSWa, MNWcb, SDNEb, SDSEA, WICEb | 60A2Q | QR | 100 | Y | Lum,P1V | IANOu, MNSEa | | | | | | |
| LH 5047 VT2P RIB | VT2P | 100 | Y | AC,P2 | IANOu, MNSEa, MNSWa, SDNEb, WICEb | 62A8Q | QR | 102 | Y | Lum,P1V | IANCa, MNSEa, NCTSb | | | | | | |
| LH 5049 SS RIB | STX | 100 | Y | AC,P5 | MNWcb | 64B5Q | QR | 104 | Y | Lum,P1V | IANCa, ILNOu, MNSEb, NCTSb | | | | | | |
| LH 5159 SS RIB | STX | 101 | Y | AC,P5 | IANCa, IANWa, MNSEa, MNSWa, MNWcb, SDSEA, WICEb | 64D1AM | AM,AQ | 104 | Y | Lum,P1V | IANCa, ILNOu, MNSEb, NCTSb | | | | | | |
| LH 5209 5222-EZ | 5222 | 102 | Y | AVC,C5 | IANCa, IANWa, MNSEa, MNSWa, MNWcb, NCTSb, SDSEA | 66C2Q | QR | 106 | Y | Lum,P1V | IAECa, IANCa, ILECa, ILNOa, ILWCa, MNSEb, NCTSb | | | | | | |
| LH 5245 VT2P RIB | VT2P | 102 | Y | AC,P2 | IANCa, IANWa, MNSEa, MNSWa, NCTSb, SDSEA, WICEb | PIONEER DuPont Pioneer (Corteva Agriscience) www.pioneer.com PO Box 454, Johnston, IA 50131 (800) 247-6803 | | | | | | | | | | | |
| P0075Q CK | QR | 100 | Y | Lum | MNWCa, MNWcb | DUPONT | | | | | | | | | | | |
| P0220Q GC | QR | 102 | Y | Lum | MNSEa, MNSWa, WISOa | P0404Q GC | QR | 104 | N* | Lum | MNSEb, MNSWb | | | | | | |
| P0421Q GC | QR | 104 | Y | Lum | ILNOu, MNSEb, MNSWb, SDSEb | P0507Q GC | QR | 105 | Y | Lum | MNSEb, MNSWb | | | | | | |
| P0622Q GC | QR | 106 | Y | Lum | MNSEb, MNSWb, WISOb | P9188AMXT GC | AMXT | 91 | Y | Lum | MNEC, MNSOU, RRSoB | | | | | | |
| P9489AM GC | AM | 94 | N* | Lum | MNSOU | P9492AM GC | AM | 94 | Y | Lum | MNEC, MNSOU | | | | | | |
| P9823Q GC | QR | 98 | Y | Lum | MNSEa, WICEa | P9823Q GC | QR | 98 | Y | Lum | MNSEa, WICEa | | | | | | |

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 |
|---|------------|----------|-----|------------|--|
| PROSEED Proseed, Inc. www.proseed.net 705 E Brewster, Harvey, ND 58341 (800) 776-3121 | | | | | |
| PROSEED | | | | | |
| 1998 VT2PRIB | VT2P | 98 | Y | AVC,C2,Vi | MNWCa |
| 2196 VT2PRIB | VT2P | 96 | Y | AVC,C2,Vi | MNWCa |
| RENK Renk Seed Co. www.renksseed.com 6809 Wilburn Rd. Sun Prairie, WI 53590 (800) BUY-RENK | | | | | |
| RENK • SEED | | | | | |
| RK297VT2P | VT2P | 89 | N | AC,P5V | MNEC, RRCEb, RRSOa |
| RK312VT2PRIB | VT2P | 90 | Y | AC,P2 | MNEC, RRCEb, RRSOa |
| RK315VT2P | VT2P | 90 | N | AC,P2 | MNEC, RRCEb, RRSOa |
| RK429-3220A | 3220A | 93 | N | CM,C2 | MITH, MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa |
| RK485DGVT2P | VT2PDG | 94 | N | AC,P5V | MITH, MNEC, MNSOu, MNWCa, RRSOb, SDNEa |
| RK561DGVT2PRIB | VT2PDG | 95 | Y | AC,P2 | MNSOu, WICEa |
| RK561VT2P | VT2P | 96 | Y | AC,P2 | IANOu, MITH, MNWCa, SDNEb |
| RK579DGVT2P | VT2PDG | 99 | Y | AC,P2 | IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSEA, WICEb, WISOa |
| RK590VT2P | VT2P | 98 | N | AC,P5V | IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCa, SDNEb, SDSEA, WICEa |
| RK593VT2PRIB | VT2P | 97 | Y | AC,P2 | IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCa, SDNEb, WICEa |
| RK600VT2P | VT2P | 100 | N | AC,P2 | IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSEA, WICEb, WISOa |
| RK625DGVT2P | VT2PDG | 104 | N | AC,P5V | IANCa, IANWa, ILNOu, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WISOa |
| RK642VT2P | VT2P | 103 | Y | AC,P2 | IANCa, IANWa, ILNOu, MISOa, MNSEb, MNSWb, NCTSa, SDSEb, WISOa |
| RK710DGVT2P | VT2PDG | 107 | Y | AC,P2 | IAECa, IANCb, IANWb, IAWCa, ILNOa, ILWCa, INNOa, MISOb, MNSEb, MNSWb, NCTSb, NENEa, SDSEb, WISOb |
| ROB-SEE-CO Rob See Co www.robseeco.com PO Box 129, Waterloo, NE 68069 (855) 450-1822 | | | | | |
| Rob-See-Co CORN • SOYBEANS • ALFALFA | | | | | |
| RC5323-5222-EZ | 5222 | 103 | Y | CM,C2,Vi | MNSWb |
| THUNDER Thunder Seed, Inc. www.thunderseed.com 806 Center Ave W, Dilworth, MN 56529 (888) 684-8633 | | | | | |
| THUNDER SEED | | | | | |
| T6100 VT2P | VT2P | 100 | Y | AC,P2 | MNSEa, MNWCb, SDNEb, SDSEA, WICEb |
| T6294 VT2P | VT2P | 94 | Y | AC,P5,B360 | MNWCa, RRSOb, SDNEa, WICEa |
| T6298 VT2P | VT2P | 98 | Y | AC,P5,B360 | MNSEa, MNWCa, SDNEb, SDSEA, WICEa |
| T6595 VT2P | VT2P | 95 | Y | AC,P2 | MNWCa, RRSOb, SDNEa, WICEa |
| T6902 VT2P | VT2P | 102 | Y | CM,C2,Vi | MNSEa, MNWCb, SDSEA, WICEb |
| T6996 VT2P | VT2P | 96 | Y | AC,P2 | MNWCa, SDNEb, WICEa |
| T6999 VT2P | VT2P | 99 | Y | AC,P2 | MNSEa, MNWCb, SDNEb, SDSEA, WICEb |
| T8100 SS | STX | 100 | Y | AC,P5 | MNSEa, MNWCb, SDNEb, SDSEA |
| TITAN PRO Titan Pro SCI, Inc. www.titanprosci.com 1301 S 24th St, Clear Lake, IA 50428 (641) 357-7283 | | | | | |
| Titanpro | | | | | |
| 11-98 2P | VT2P | 98 | Y | AC,P5 | IANOu, MNSEa, MNSWa, MNWCa, SDNEb |

| Product/Brand | Technology | Maturity | RIB | STrt | Region(s) Tested |
|---|------------|----------|-----|-----------|---|
| 16-00 5222 | 5222 | 100 | Y | AVC,C5,Vi | MNWCb, SDNEb |
| 20-05 | CONV | 105 | N | AC,P2 | IANCa, MNSWb |
| 20-92 | CONV | 92 | N | AC,P2 | MNSOu |
| 20-99 | CONV | 99 | N | AC,P2 | MNSWa |
| 22-00 2P | VT2P | 100 | Y | AC,P2 | IANOu, MNSEa, MNSWa, MNWCb, SDNEb |
| 24-04 | CONV | 104 | N | AC,P2 | IANCa, IANWa, MNSEb, MNSWb, SDSEb |
| 26-00 | CONV | 100 | N | AC,P2 | IANOu, MNSEa, MNSWa |
| 26-03 5222 | 5222 | 103 | Y | CM,C2,Vi | IANCa, MNSEb, MNSWb |
| 58-01 2P | VT2P | 101 | Y | AC,P2 | MNWCb |
| 82-04 2P | VT2P | 104 | Y | AC,P2 | MNSWb |
| 82-95 2P | VT2P | 95 | Y | AC,P2 | MNSOu, MNWCa, SDNEa |
| 84-01 | CONV | 101 | N | AC,P2 | IANOu, MNSEa, MNSWa, SDSEA |
| 84-03 2P | VT2P | 103 | Y | AC,P2 | MNSEb, MNSWb |
| 85-96 | CONV | 96 | N | AC,P2 | MNSOu |
| 86-96 2P | VT2P | 96 | Y | AC,P2 | MNWCa |
| 91-95 | CONV | 95 | N | AC,P2 | MNSOu |
| 92-99 2P | VT2P | 99 | Y | AC,P2 | IANOu, MNSEa, MNWCb, SDSEA |
| VIKING Viking (Albert Lea Seed House, Inc.) www.alseed.com/viking 1414 W Main St, Albert Lea, MN 56007 (800) 352-5247 | | | | | |
| Viking | | | | | |
| 42-92 | CONV | 92 | N | CM,C2,Sb | MNSOu |
| 44-98 | CONV | 98 | N | CM,C2,Sb | IANOu, MNSEa, MNSWa, SDSEA |
| 46-02 | CONV | 102 | N | CM,C2,Sb | IANCa, IANWa, MNSEa, MNSWa, SDSEA |
| 51-04 | CONV | 104 | N | CM,C2,Sb | IANCa, IANWa, MNSEb, MNSEb, SDSEb |
| 52-00 | CONV | 100 | N | CM,C2,Sb | IANOu, MNSEa, MNSWa, SDSEA |
| 52-96 | CONV | 96 | N | CM,C2,Sb | IANOu, MNSOu |
| 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 | | | | | |
| WYFFELS HYBRIDS | | | | | |
| W1466 | VT2P | 94 | N | AC,P2 | IANOu, MNSOu |
| W1546RIB | VT2P | 96 | Y | AC,P2 | IANOu, MNSOu |
| W2016 | VT2P | 98 | N | AC,P2 | IANOu, MNSWa, SDSEA |
| W2236RIB | VT2P | 99 | Y | AC,P5 | IANOu, MNSWa, SDSEA, WISOa |
| W2506RIB | VT2P | 101 | Y | AC,P2 | IANCa, IANWa, MNSEa, MNSWa, NCTSa, SDSEa, WISOa |
| W2648 | STX | 101 | N | AC,P5V | IANCa, IANWa, ILNOu, MNSEa, MNSWa, NCTSa, SDSEA, WISOa |
| W4196RIB | VT2P | 105 | Y | AC,P2 | IAECa, IANCa, IANWa, IAWCa, ILECa, ILNOu, ILWCa, MNSEb, MNSWb, SDSEb, WISOb |
| W4246RIB | VT2P | 105 | Y | AC,P2 | IAECa, IANCa, IANWa, IAWCa, MNSEb, MNSWb, SDSEb, WISOb |
| W4358RIB | STX | 106 | Y | AC,P5V | ILNOu, MNSEb, WISOb |
| W4588 | STX | 105 | N | AC,P5V | IAECa, IAWCa, ILECa, ILWCa, MNSWb, NCTSa, SDSEb |
| W5086RIB | VT2P | 107 | Y | AC,P2 | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILWCa, MNSEb, MNSWb, NCTSb, SDSEb, WISOb |

SOYBEAN REGIONS: MNNC, MNCE, MNSC, MNSO, MNSOCV



Site Description: MNSOCV (See soybean results table on page 16)

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|-----------|--------------------------------|--------------|--------------|---------------|----------------------|--------------|----------------|---------------|-------|---------------|-------------------|
| | | | | | | | | Stand x 1,000 | Yield | Bu/A | Years |
| Lamberton | Ed Iverson | clay loam | conventional | corn | — | 11-May | 9-Oct | 117.0 | 41.1 | 66.6 | 1 |
| Nerstrand | Keith, Kurt and Brian Schrader | silt loam | conventional | corn | 11 | 8-May | 11-Oct | 122.3 | 66.0 | 65.8 | 4 |
| | | | | | | | | | | MNSOCV | new region |

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 x 1,000 | Yield | Bu/A | Years |
| Albany | Mitch Oveman | loam | conventional | corn | — | 15-May | 5-Nov | — | NR | 52.2 | 5 |
| Foley | Roy Schneider | silt loam | strip till | corn | — | 10-May | 7-Nov | — | NR | 58.3 | 3 |
| Royalton | Kenny Kasella | loamy sand | conventional | corn | 21 | 11-May | 8-Nov | 128.9 | 51.8 | 43.0 | 2 |
| Wendell | Chad Biss | clay loam | conventional | corn | — | 14-May | 6-Oct | 129.7 | 44.2 | 47.5 | 4 |
| | | | | | | | | | | MNNC | 46.2 |

SOYBEAN REGIONS: MNNC, MNCE, MNSC, MNSO, MNSOCV (continued)

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 x 1,000 | Yield | Bu/A | Years |
| Canby | Austen Citrowski | loam | conventional | corn | — | 13-May | 25-Oct | 129.2 | 54.4 | — | new site |
| Lester Prairie | Nathan Ide | loam | conventional | corn | — | 8-May | 26-Oct | 129.5 | 57.0 | 50.0 | 3 |
| Loretto | Bill Daluge | loam | conventional | corn | — | 16-May | — | — | NR | — | new site |
| Starbuck | Matt Moe | loam | conventional | corn | 13 | 12-May | 28-Sep | — | NR | 46.4 | 6 |
| | | | | | | | | MNCE | 51.5 | 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 x 1,000 | Yield | Bu/A | Years |
| Madison Lake | Mike Krenik | loam | conventional | soybean | — | 11-May | 4-Nov | — | NR | 58.8 | 14 |
| Nerstrand | Keith, Kurt and Brian Schrader | silt loam | conventional | corn | 11 | 8-May | 11-Oct | 123.3 | 72.7 | 65.8 | 4 |
| Wabasso | Leon Plaetz | clay loam | conventional | corn | — | 7-May | 8-Oct | 123.2 | 46.2 | 57.3 | 14 |
| Winthrop | Jim Sallstrom | clay loam | conventional | corn | 21 | 7-May | 5-Oct | 122.6 | 63.3 | — | new site |
| | | | | | | | | MNSC | 55.5 | 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 x 1,000 | Yield | Bu/A | Years |
| Easton | Dru Martin | silty clay loam | conventional | corn | — | 6-May | 4-Oct | — | NR | 57.4 | 19 |
| Kasson | Brian Herbst | silt loam | conventional | corn | 20 | 5-May | 30-Sep | 120.2 | 61.7 | 59.5 | 19 |
| Lamberton | Ed Iverson | clay loam | conventional | corn | — | 11-May | 9-Oct | 122.7 | 48.5 | 66.6 | 1 |
| New Richland | Leon Schoenrock | clay loam | conventional | corn | — | 6-May | 6-Oct | — | NR | 61.2 | 19 |
| | | | | | | | | MNSO | 57.6 | 19 | |

SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2017-2021

| FIRST Region | Average Yield by Year (Bu/A) | | | | | Since Inception | | |
|---------------|------------------------------|------|------|------|------|-----------------|--------|---|
| | 2021 | 2020 | 2019 | 2018 | 2017 | Bu/A | #Years | |
| MNSOCV | — | — | — | — | — | — | — | — |
| MNNC | 48.9 | 45.5 | 46.7 | 50.6 | 42.7 | 46.2 | 4 | |
| MNCE | 55.8 | 52.6 | 43.2 | 55.7 | 47.7 | 51.5 | 18 | |
| MNSC | 60.5 | 72.3 | 59.5 | 63.9 | 54.7 | 55.5 | 19 | |
| MNSO | 57.0 | 73.1 | 60.6 | 59.5 | 56.3 | 57.6 | 19 | |

Soybean Results: MNSOCV (See site description on page 15)

| ALL-SEASON TEST MATURITY GROUP 1.4-2.3 Top 30 of 12 tested | | | | | | | Results in BOLD are significantly above test average. | | |
|--|---------------|------------|----------|--------------|--------------|-------------|---|-------------|-------------|
| Company/Brand | Product/Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Lamberton | Nerstrand |
| Viking | 1700N | CONV | 1.7 | 59.7 | 11.1 | 1 | \$865 | 43.6 | 75.7 |
| Sb&B Foods | SB187 | CONV | 1.8 | 57.9 | 12.1 | 7 | \$841 | 46.0 | 69.9 |
| Virtue | V1821-A | CONV | 1.8 | 57.6 | 11.0 | 1 | \$836 | 45.7 | 69.5 |
| Viking | 2100N | CONV | 2.1 | 57.4 | 11.5 | 0 | \$833 | 40.8 | 74.0 |
| NK Brand | S20-G7 | CONV | 2.0 | 56.2 | 11.9 | 2 | \$815 | 40.4 | 71.9 |
| Viking | V1821 | CONV | 1.8 | 55.2 | 11.1 | 1 | \$800 | 42.8 | 67.5 |
| Virtue | V1621 | CONV | 1.6 | 54.9 | 11.1 | 2 | \$797 | 43.4 | 66.5 |
| Viking | 2188AT12N | CONV | 2.4 | 51.9 | 11.8 | 16 | \$754 | 43.0 | 60.9 |
| Sb&B Foods | SB1270 | CONV | 1.2 | 48.2 | 11.7 | 11 | \$699 | 37.5 | 58.9 |
| Sevita | CANDOR | CONV | 1.9 | 47.9 | 12.7 | 5 | \$695 | 36.5 | 59.4 |
| Proseeds | SKYLINE | CONV | 1.1 | 47.8 | 12.1 | 6 | \$693 | 36.1 | 59.6 |
| Sb&B Foods | SB19 | CONV | 1.9 | 47.8 | 12.3 | 12 | \$693 | 37.7 | 57.8 |
| Averages = | | | | 53.5 | 11.7 | 5 | \$776 | 41.1 | 66.0 |
| LSD (0.10) = | | | | 4.7 | 0.5 | 7.8 | | 2.8 | 5.8 |

Soybean Results: MNNC (See site description on page 15)

EARLY-SEASON TEST | MATURITY GROUP 0.6–0.9 | Top 30 of 37 tested

Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Albany# | Foley* | Royalton | Wendell# |
|-----------------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|-------------|--------|-------------|-------------|
| FULL-SEASON TEST x | | | | | | | | | | | |
| Dairyland | DSR-0847E | E3 | 0.8 | 57.3 | 16.6 | 5 | \$682 | 32.9 | — | 57.3 | 38.0 |
| Latham | L 0984 XF | RXF | 0.9 | 50.1 | 17.2 | 5 | \$596 | — | — | 50.1 | 38.5 |
| Xitavo | XO 0602E | E3 | 0.6 | 49.9 | 16.7 | 0 | \$594 | 38.1 | — | 49.9 | 41.5 |
| Stine | 09EA02 § | E3 | 0.9 | 49.1 | 16.5 | 0 | \$585 | 40.3 | — | 49.1 | 46.4 |
| Dyna-Gro | S09EN41 | E3 | 0.9 | 47.6 | 16.9 | 0 | \$567 | 32.3 | — | 47.6 | 37.9 |
| Hefty | H08XF2 | RXF | 0.8 | 46.6 | 16.3 | 0 | \$555 | — | — | 46.6 | 42.3 |
| Latham | L 0995 E3 | E3 | 0.9 | 46.5 | 16.8 | 0 | \$554 | 23.4 | — | 46.5 | 47.9 |
| Zinesto | Z0702E | E3 | 0.7 | 45.8 | 17.0 | 0 | \$545 | 31.1 | — | 45.8 | 45.0 |
| Dyna-Gro | S07EN61 | E3 | 0.7 | 45.2 | 17.1 | 0 | \$538 | 24.8 | — | 45.2 | 51.5 |
| Loyal | L0740E | E3 | 0.7 | 44.5 | 16.7 | 0 | \$530 | 32.3 | — | 44.5 | 43.7 |
| NK Brand | NK08-B7XF | RXF | 0.8 | 43.8 | 17.5 | 0 | \$521 | — | — | 43.8 | 41.9 |
| Latham | L 0785 E3 | E3 | 0.7 | 43.7 | 16.8 | 0 | \$520 | 32.7 | — | 43.7 | 41.4 |
| Asgrow | AG09XF0 § | RXF | 0.9 | 43.5 | 16.1 | 0 | \$519 | — | — | 43.5 | 41.2 |
| Xitavo | XO 0731E | E3 | 0.7 | 43.5 | 16.8 | 0 | \$518 | 33.4 | — | 43.5 | 39.5 |
| Pioneer | P09A53X § | RRX | 0.9 | 42.5 | 16.9 | 0 | \$506 | — | — | 42.5 | 42.8 |
| Golden Harvest | GH0822XF § | RXF | 0.8 | 41.7 | 16.8 | 27 | \$496 | — | — | 41.7 | 44.6 |
| Genesis | G0760E | E3 | 0.7 | 41.5 | 17.1 | 0 | \$494 | 30.0 | — | 41.5 | 40.3 |
| Credenz | CZ 0661GTLL | LLGT27 | 0.6 | 41.3 | 17.6 | 0 | \$491 | — | — | 41.3 | 43.7 |
| Dairyland | DSR-1010E | E3 | 1.0 | 41.1 | 17.0 | 0 | \$489 | 27.7 | — | 41.1 | 47.3 |
| NK Brand | NK08-V9E3 § | E3 | 0.8 | 39.9 | 16.9 | 0 | \$475 | 21.3 | — | 39.9 | 47.0 |
| Apex | AE0720 | E3 | 0.7 | 38.3 | 16.3 | 0 | \$456 | 36.0 | — | 38.3 | 42.2 |
| Golden Harvest | GH0749X | RRX | 0.7 | 37.7 | 16.5 | 0 | \$449 | — | — | 37.7 | 46.8 |
| Thunder | TE7207 | E3 | 0.7 | 37.5 | 17.0 | 0 | \$446 | 34.7 | — | 37.5 | 43.7 |
| Hefty | H07XF1 | RXF | 0.7 | 37.4 | 16.3 | 1 | \$446 | — | — | 37.4 | 43.1 |
| Hefty | H06XF2 | RXF | 0.6 | 36.8 | 16.4 | 0 | \$438 | — | — | 36.8 | 46.2 |
| Thunder | TX8109N | RXF | 0.9 | 36.5 | 16.4 | 0 | \$435 | — | — | 36.5 | 46.0 |
| Dairyland | DSR-0660E | E3 | 0.6 | 36.5 | 16.5 | 3 | \$435 | 32.7 | — | 36.5 | 48.5 |
| Golden Harvest | GH0842E3 | E3 | 0.8 | 36.4 | 16.6 | 1 | \$434 | 24.9 | — | 36.4 | 43.6 |
| Thunder | TX8207N | RXF | 0.7 | 36.2 | 16.3 | 0 | \$431 | — | — | 36.2 | 54.7 |
| Latham | L 0728 XF | RXF | 0.7 | 36.1 | 16.5 | 0 | \$430 | — | — | 36.1 | 44.7 |
| Dahlman | 6015XN CK | RRX | 1.5 | 53.0 | 17.0 | 0 | \$631 | — | — | 53.0 | 48.5 |
| Averages = | | | | 41.4 | 16.7 | 1 | \$493 | 31.3 | 41.4 | 44.6 | |
| LSD (0.10) = | | | | 7.8 | ns | ns | | 5.9 | 7.8 | 6.2 | |

| Company/ Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Albany# | Foley* | Royalton | Wendell# |
|--|-------------------|------------|----------|--------------|--------------|-------------|---------------------|-------------|-------------|-------------|-------------|
| FULL-SEASON TEST MATURITY GROUP 1.0–1.5 Top 30 of 54 tested | | | | | | | | | | | |
| Xitavo | XO 1372E | E3 | 1.3 | 61.6 | 14.4 | 2 | \$752 | 34.9 | 26.3 | 64.5 | 58.8 |
| Zinesto | Z1302E | E3 | 1.3 | 60.2 | 14.7 | 0 | \$733 | 31.8 | 28.9 | 67.7 | 52.8 |
| Latham | L 1558 E3 | E3 | 1.5 | 58.9 | 14.8 | 6 | \$717 | 35.5 | 28.2 | 63.2 | 54.5 |
| Dahlman | 1111E3N GC | E3,ST | 1.1 | 58.2 | 14.6 | 2 | \$710 | 39.6 | 23.0 | 61.1 | 55.4 |
| Dairyland | DSR-1450E | E3 | 1.4 | 58.2 | 14.2 | 4 | \$707 | 39.4 | 27.2 | 67.3 | 49.0 |
| Apex | AE1520 | E3 | 1.5 | 57.5 | 14.6 | 0 | \$702 | 40.6 | 32.2 | 59.2 | 55.8 |
| Xitavo | XO 1451E | E3 | 1.4 | 56.0 | 14.5 | 1 | \$681 | 44.2 | 26.5 | 65.5 | 46.6 |
| Zinesto | Z1502E | E3 | 1.5 | 55.8 | 14.6 | 1 | \$677 | 25.5 | 30.3 | 67.6 | 44.0 |
| Zinesto | Z1101E | E3 | 1.1 | 55.5 | 14.8 | 1 | \$675 | 33.4 | 28.7 | 60.1 | 50.8 |
| Zinesto | Z1202E | E3 | 1.2 | 54.4 | 14.9 | 0 | \$661 | 28.8 | 25.8 | 64.4 | 44.5 |
| Stine | 14EE01 § | E3 | 1.4 | 54.0 | 14.8 | 6 | \$656 | 33.4 | 31.2 | 63.6 | 44.5 |
| Thunder | TX8215N | RXF | 1.5 | 53.9 | 15.1 | 0 | \$655 | — | 35.0 | 62.2 | 45.7 |
| Hefty | H12XF2 | RXF | 1.2 | 53.2 | 14.5 | 5 | \$647 | — | 20.2 | 63.7 | 42.8 |
| Hefty | H11XF2 | RXF | 1.1 | 52.9 | 14.9 | 4 | \$642 | — | 26.4 | 64.7 | 41.2 |
| Stine | 11EC02 § | E3 | 1.1 | 52.7 | 14.7 | 3 | \$643 | 36.1 | 25.7 | 53.2 | 52.2 |
| Genesis | G1560E | E3 | 1.5 | 52.2 | 14.7 | 8 | \$634 | 37.3 | 19.5 | 61.8 | 42.6 |
| Thunder | SB8010N | RRX | 1.0 | 52.2 | 13.9 | 1 | \$636 | — | 21.7 | 58.4 | 46.0 |
| Genesis | G1460E | E3 | 1.4 | 52.2 | 14.6 | 3 | \$634 | 37.5 | 26.3 | 58.5 | 45.8 |
| Latham | L 1383 XF | RXF | 1.3 | 52.1 | 14.6 | 0 | \$635 | — | 34.1 | 57.0 | 47.3 |
| Dairyland | DSR-1318E | E3 | 1.3 | 52.1 | 14.9 | 2 | \$633 | 28.5 | 33.1 | 61.8 | 42.5 |
| Golden Harvest | GH1472E3 | E3 | 1.4 | 52.1 | 14.4 | 2 | \$633 | 34.0 | 26.1 | 63.5 | 40.7 |
| Dyna-Gro | S15XF82 | RXF | 1.5 | 51.9 | 14.7 | 0 | \$632 | — | 31.6 | 58.4 | 45.5 |
| Loyal | L1230ES | E3,ST | 1.2 | 51.2 | 14.4 | 6 | \$623 | 34.1 | 22.2 | 59.4 | 43.0 |
| Hefty | H14XF1 | RXF | 1.4 | 51.2 | 14.5 | 1 | \$623 | — | 28.2 | 56.4 | 45.9 |
| Pioneer | P15A63X § | RRX | 1.5 | 51.1 | 14.3 | 1 | \$621 | — | 21.7 | 61.3 | 41.0 |
| Loyal | L1440E | E3 | 1.4 | 51.1 | 14.2 | 0 | \$620 | 32.5 | 21.2 | 64.6 | 37.6 |
| Dahlman | 6815XN GC | RRX | 1.5 | 51.0 | 14.9 | 1 | \$619 | — | 34.9 | 62.4 | 39.7 |
| NK Brand | NK14-W6E3 | E3 | 1.4 | 51.0 | 14.5 | 5 | \$620 | 31.8 | 36.5 | 58.6 | 43.4 |
| Dairyland | DSR-1290E | E3 | 1.2 | 50.9 | 14.3 | 4 | \$620 | 41.0 | 27.1 | 58.8 | 43.1 |
| Loyal | L1240E | E3 | 1.2 | 50.8 | 14.8 | 0 | \$617 | 36.7 | 22.9 | 59.3 | 42.3 |
| Dahlman | 6015XN CK | RRX | 1.5 | 55.1 | 14.9 | 0 | \$667 | — | 25.9 | 69.1 | 41.0 |
| Averages = | | | | 51.6 | 14.6 | 2 | \$627 | 35.0 | 27.3 | 58.9 | 44.3 |
| LSD (0.10) = | | | | 6.5 | 0.3 | 4.2 | | 6.1 | 6.4 | 7.0 | 7.3 |

* Damaged by severe drought stress (Foley, early-season); # early- and full-season test results not included in summary due to accidental herbicide application (Albany), early-season test results 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) | Canby [†] | Lester Prairie | Loretto* | Starbuck [#] |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|--------------------|----------------|----------|-----------------------|
| Xitavo | XO 1372E | E3 | 1.3 | 63.1 | 14.1 | 4 | \$756 | 61.5 | 64.8 | — | 19.0 |
| Golden Harvest | GH1472E3 § | E3 | 1.4 | 61.0 | 13.9 | 2 | \$732 | 61.8 | 60.3 | — | 18.3 |
| Zinesto | Z1502E | E3 | 1.5 | 60.8 | 14.3 | 11 | \$727 | 70.0 | 51.5 | — | 19.0 |
| Golden Harvest | GH1442XF | RXF | 1.4 | 60.2 | 13.9 | 9 | \$721 | 56.6 | 63.8 | — | 19.0 |
| Zinesto | Z1601E | E3 | 1.6 | 60.2 | 14.1 | 1 | \$722 | 47.8 | 72.7 | — | 18.8 |
| Credenz | CZ 1660GTLL | LLGT27 | 1.6 | 59.9 | 14.4 | 1 | \$717 | 54.7 | 65.1 | — | 18.9 |
| Dairyland | DSR-1450E | E3 | 1.4 | 59.0 | 14.0 | 2 | \$707 | 48.9 | 69.1 | — | 19.2 |
| Thunder | TX8215N | RXF | 1.5 | 57.8 | 14.1 | 24 | \$692 | 48.2 | 67.4 | — | 18.5 |
| Genesis | G1340E | E3 | 1.3 | 57.4 | 14.1 | 11 | \$688 | 53.2 | 61.6 | — | 18.8 |
| Genesis | G1650E | E3 | 1.6 | 57.2 | 14.0 | 1 | \$685 | 48.0 | 66.4 | — | 18.4 |
| Latham | L 1648 LLGT27 | LLGT27 | 1.6 | 57.1 | 14.3 | 0 | \$683 | 40.3 | 73.9 | — | 18.7 |
| Hefty | H14XF1 | RXF | 1.4 | 56.1 | 14.1 | 9 | \$673 | 59.3 | 53.0 | — | 18.9 |
| Latham | L 1558 E3 | E3 | 1.5 | 56.1 | 14.2 | 11 | \$672 | 54.4 | 57.8 | — | 20.5 |
| Asgrow | AG15XF2 § | RXF | 1.5 | 55.5 | 14.2 | 6 | \$665 | 53.8 | 57.2 | — | 18.5 |
| Xitavo | XO 1632E | E3 | 1.6 | 55.1 | 14.0 | 5 | \$660 | 53.0 | 57.2 | — | 17.4 |
| NK Brand | NK14-C7XF | RXF | 1.4 | 55.1 | 14.2 | 3 | \$659 | 44.7 | 65.5 | — | 19.6 |
| Hefty | H15XF2 | RXF | 1.5 | 55.1 | 14.2 | 11 | \$659 | 51.4 | 58.7 | — | 18.6 |
| Loyal | L1230ES | E3,ST | 1.2 | 54.9 | 14.2 | 18 | \$658 | 44.4 | 65.5 | — | 18.8 |
| Apex | AE1420 | E3 | 1.4 | 54.6 | 14.1 | 2 | \$654 | 52.7 | 56.6 | — | 18.6 |
| Gold Country | 1609X | RRX | 1.6 | 54.1 | 14.2 | 1 | \$648 | 47.7 | 60.5 | — | 18.6 |
| Dairyland | DSR-1673E | E3 | 1.6 | 53.9 | 14.1 | 2 | \$645 | 53.9 | 53.8 | — | 18.5 |
| Loyal | L1440E | E3 | 1.4 | 53.6 | 14.2 | 3 | \$642 | 47.9 | 59.4 | — | 18.8 |
| Thunder | SB8015N | RRX | 1.5 | 53.5 | 13.8 | 0 | \$642 | 44.8 | 62.3 | — | 18.6 |
| NK Brand | NK14-W6E3 | E3 | 1.4 | 53.5 | 14.1 | 7 | \$641 | 50.8 | 56.3 | — | 19.1 |
| Latham | L 1429 LLGT27 | LLGT27 | 1.4 | 53.5 | 14.3 | 8 | \$640 | 40.7 | 66.2 | — | 18.9 |
| Genesis | G1460E | E3 | 1.4 | 53.4 | 14.0 | 2 | \$640 | 52.0 | 54.8 | — | 18.9 |
| Zinesto | Z1411E | E3 | 1.4 | 52.5 | 14.2 | 10 | \$629 | 47.6 | 57.5 | — | 18.6 |
| Dyna-Gro | S15XF82 | RXF | 1.5 | 52.4 | 14.3 | 15 | \$627 | 43.6 | 61.2 | — | 19.0 |
| Xitavo | XO 1451E | E3 | 1.4 | 52.4 | 14.4 | 1 | \$627 | 49.4 | 55.4 | — | 19.2 |
| Pioneer | P16T58E § | E3 | 1.6 | 52.4 | 14.0 | 4 | \$627 | 49.0 | 55.7 | — | 18.5 |
| Pioneer | P15A63X CK | RRX | 1.5 | 48.9 | 14.1 | 5 | \$586 | 46.9 | 51.0 | — | 19.3 |
| Averages = | | | | 54.1 | 14.1 | 6 | \$647 | 48.9 | 59.2 | — | 18.8 |
| LSD (0.10) = | | | | 9.0 | 0.2 | 8.4 | | 8.8 | 8.5 | — | 0.9 |

FULL-SEASON TEST | MATURITY GROUP 1.7–2.0 | Top 30 of 54 tested

Results in BOLD are significantly above test average.

| | | | | | | | | | | | |
|-------------------|--------------|--------|-----|-------------|-------------|-----------|--------------|-------------|-------------|---|-------------|
| Golden Harvest | GH1802E3 | E3 | 1.8 | 71.3 | 14.5 | 8 | \$853 | 81.9 | 60.7 | — | 18.5 |
| Genesis | G1760E | E3 | 1.7 | 67.7 | 14.5 | 16 | \$809 | 81.9 | 53.5 | — | 19.2 |
| Genesis | G1960E | E3 | 1.9 | 65.4 | 14.6 | 26 | \$782 | 80.3 | 50.6 | — | 18.9 |
| Thunder | TE7218N | E3 | 1.8 | 64.6 | 14.4 | 14 | \$773 | 59.5 | 69.7 | — | 18.9 |
| Dyna-Gro | S17XF02 | RXF | 1.7 | 64.0 | 14.4 | 3 | \$766 | 59.2 | 68.9 | — | 19.2 |
| NK Brand | NK17-M2XF | RXF | 1.7 | 63.4 | 14.3 | 3 | \$759 | 58.9 | 67.8 | — | 18.7 |
| NK Brand | NK18-J7E3 § | E3 | 1.8 | 62.1 | 14.1 | 6 | \$744 | 64.9 | 59.3 | — | 18.9 |
| Loyal | L2040E | E3 | 2.0 | 61.6 | 14.4 | 12 | \$737 | 64.6 | 58.6 | — | 18.9 |
| Xitavo | XO 1822E | E3 | 1.8 | 61.0 | 14.3 | 18 | \$730 | 60.9 | 61.0 | — | 18.9 |
| Zinesto | Z1702E | E3 | 1.7 | 60.4 | 14.4 | 23 | \$723 | 66.3 | 54.6 | — | 20.4 |
| Apex | AE1720 | E3 | 1.7 | 59.5 | 14.5 | 18 | \$711 | 63.8 | 55.1 | — | 18.8 |
| Zinesto | Z1802E | E3 | 1.8 | 59.1 | 14.7 | 26 | \$707 | 61.4 | 56.9 | — | 18.9 |
| Dahlman | 1117E3N GC | E3 | 1.7 | 58.9 | 14.5 | 1 | \$704 | 55.0 | 62.7 | — | 19.0 |
| Federal | F1909N | LLGT27 | 1.9 | 58.6 | 14.4 | 1 | \$701 | 59.5 | 57.7 | — | 18.7 |
| Zinesto | Z1902E | E3 | 1.9 | 58.5 | 14.4 | 20 | \$701 | 60.6 | 56.5 | — | 18.9 |
| Dairyland | DSR-1707E | E3 | 1.7 | 58.5 | 14.4 | 3 | \$700 | 62.0 | 55.0 | — | 19.0 |
| Hefty | H17XF1 | RXF | 1.7 | 58.3 | 14.5 | 8 | \$698 | 65.4 | 51.3 | — | 19.1 |
| Dyna-Gro | S18EN52 | E3 | 1.8 | 58.2 | 14.5 | 15 | \$696 | 60.6 | 55.8 | — | 19.0 |
| Xitavo | XO 1761E | E3 | 1.7 | 57.6 | 14.6 | 10 | \$690 | 56.4 | 58.9 | — | 19.5 |
| Latham | L 1784 XF | RXF | 1.7 | 57.4 | 14.6 | 2 | \$686 | 62.9 | 51.8 | — | 18.6 |
| Dahlman | 7220XF GC | RXF | 2.0 | 57.2 | 14.5 | 4 | \$684 | 52.0 | 62.4 | — | 18.5 |
| Dyna-Gro | S19EN21 | E3 | 1.9 | 56.8 | 14.5 | 9 | \$681 | 53.1 | 60.6 | — | 17.5 |
| Pioneer | P18A33X § | RRX | 1.8 | 56.8 | 14.4 | 6 | \$680 | 57.6 | 56.0 | — | 19.6 |
| Genesis | G2060E | E3 | 2.0 | 56.7 | 14.6 | 21 | \$679 | 57.5 | 56.0 | — | 18.7 |
| Latham | L 1948 R2X | RRX | 1.9 | 56.4 | 14.3 | 2 | \$675 | 53.6 | 59.2 | — | 18.8 |
| LG Seeds | LGS2025XF GC | RXF | 2.0 | 56.0 | 14.7 | 2 | \$671 | 56.0 | 56.1 | — | 19.0 |
| LG Seeds | LGS1769XF GC | RXF | 1.7 | 55.9 | 14.4 | 5 | \$669 | 54.9 | 56.9 | — | 19.0 |
| NK Brand | NK19-C8XF | RXF | 1.9 | 55.9 | 14.9 | 44 | \$668 | 58.8 | 53.0 | — | 18.6 |
| Apex | AE2020 | E3 | 2.0 | 55.8 | 14.6 | 32 | \$667 | 61.7 | 49.8 | — | 18.6 |
| Dairyland | DSR-2040E | E3 | 2.0 | 55.5 | 14.4 | 5 | \$665 | 48.9 | 62.1 | — | 18.9 |
| Pioneer | P15A63X CK | RRX | 1.5 | 57.5 | 14.6 | 20 | \$688 | 51.6 | 63.4 | — | 18.8 |
| Averages = | | | | 56.9 | 14.9 | 15 | \$680 | 58.1 | 55.3 | — | 18.9 |
| LSD (0.10) = | | | | 8.9 | 5.9 | 16 | | 7.6 | 8.1 | — | 0.9 |

* lost to poor weed control (Loretto); [#] both tests results rejected due to drought damage and yield variability (Starbuck)

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

EARLY-SEASON TEST | MATURITY GROUP 1.5–1.8 | Top 30 of 52 tested

Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income (\$/A) | Madison Lake# | Nerstrand | Wabasso | Winthrop |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|------------------|-------------|-------------|-------------|
| Pioneer | P18A33X § | RFX | 1.8 | 68.4 | 12.1 | 0 | \$854 | 63.8 | 73.8 | 58.0 | 73.2 |
| Hefty | H18XF2 | RXF | 1.8 | 67.9 | 12.3 | 0 | \$849 | 74.0 | 76.7 | 51.9 | 75.2 |
| Hefty | H17XF1 | RXF | 1.7 | 66.1 | 12.2 | 1 | \$826 | 69.4 | 78.4 | 52.7 | 67.2 |
| Genesis | G1760E | E3 | 1.7 | 65.6 | 12.1 | 1 | \$821 | 63.2 | 74.7 | 49.5 | 72.7 |
| Latham | L 1784 XF | RXF | 1.7 | 64.5 | 12.4 | 0 | \$806 | 60.5 | 75.1 | 53.0 | 65.4 |
| LG Seeds | LGS1769XF GC | RXF | 1.7 | 64.5 | 12.1 | 0 | \$805 | 67.2 | 72.6 | 51.0 | 69.8 |
| Loyal | L1740E | E3 | 1.7 | 64.1 | 12.5 | 2 | \$800 | 60.9 | 77.0 | 50.6 | 64.5 |
| NK Brand | NK17-M2XF | RXF | 1.7 | 64.0 | 12.3 | 1 | \$799 | 69.9 | 78.9 | 46.9 | 66.0 |
| Asgrow | AG18XF1 § | RXF | 1.8 | 64.0 | 12.3 | 0 | \$800 | 59.3 | 75.6 | 50.1 | 66.2 |
| Xitavo | XO 1632E | E3 | 1.6 | 63.8 | 12.5 | 0 | \$798 | 62.3 | 77.5 | 44.8 | 69.1 |
| Stine | 17EE32 § | E3 | 1.7 | 63.5 | 12.5 | 0 | \$793 | 67.3 | 78.0 | 52.3 | 60.1 |
| Dairyland | DSR-1820E | E3 | 1.8 | 63.4 | 12.2 | 0 | \$793 | 63.4 | 78.7 | 47.5 | 64.0 |
| Anderson | A151E3 | E3 | 1.5 | 63.3 | 12.3 | 0 | \$792 | 72.2 | 73.0 | 44.6 | 72.5 |
| Apex | AE1720 | E3 | 1.7 | 63.3 | 12.4 | 0 | \$791 | 71.6 | 75.6 | 44.4 | 69.8 |
| Anderson | A1821XF | RXF | 1.8 | 63.1 | 12.6 | 0 | \$788 | 61.6 | 72.5 | 54.1 | 62.7 |
| Anderson | 159RXT | RRX | 1.5 | 63.1 | 12.0 | 0 | \$788 | 60.7 | 74.3 | 46.5 | 68.4 |
| Asgrow | AG15XF2 § | RXF | 1.5 | 62.2 | 12.0 | 0 | \$778 | 63.9 | 69.7 | 48.0 | 69.0 |
| Genesis | G1680GL | LLGT27 | 1.6 | 61.9 | 12.5 | 0 | \$774 | 66.9 | 75.5 | 43.5 | 66.8 |
| Genesis | G1560E | E3 | 1.5 | 61.7 | 12.6 | 0 | \$772 | 60.1 | 74.3 | 42.4 | 68.5 |
| Zinesto | Z1702E | E3 | 1.7 | 61.7 | 12.6 | 2 | \$771 | 60.3 | 75.6 | 47.6 | 61.9 |
| Gold Country | 1609X | RRX | 1.6 | 61.6 | 12.3 | 0 | \$770 | 63.4 | 74.0 | 45.5 | 65.3 |
| Hefty | H15XF2 | RXF | 1.5 | 61.6 | 12.0 | 0 | \$769 | 66.6 | 74.9 | 47.4 | 62.4 |
| Xitavo | XO 1761E | E3 | 1.7 | 61.1 | 11.9 | 0 | \$764 | 63.7 | 76.7 | 41.7 | 65.0 |
| Apex | AE1520 | E3 | 1.5 | 60.9 | 12.6 | 0 | \$761 | 66.8 | 70.6 | 43.7 | 68.3 |
| Hefty | H16XF2 | RXF | 1.6 | 60.9 | 12.2 | 0 | \$760 | 60.4 | 78.5 | 51.2 | 52.8 |
| Zinesto | Z1802E | E3 | 1.8 | 60.7 | 12.5 | 0 | \$759 | 58.5 | 71.4 | 47.6 | 63.0 |
| Golden Harvest | GH1802E3 | E3 | 1.8 | 60.7 | 12.0 | 1 | \$758 | 73.1 | 71.5 | 43.4 | 67.0 |
| Loyal | L1540E | E3 | 1.5 | 60.5 | 12.4 | 0 | \$756 | 64.8 | 75.5 | 41.1 | 64.8 |
| Dahlman | 6815XN GC | RRX | 1.5 | 60.3 | 12.3 | 0 | \$754 | 60.7 | 70.2 | 47.0 | 63.7 |
| Dairyland | DSR-1707E | E3 | 1.7 | 60.2 | 12.3 | 0 | \$752 | 64.2 | 70.9 | 42.4 | 67.3 |
| Dahlman | 7218XF CK | RXF | 1.8 | 61.9 | 12.3 | 2 | \$774 | 64.4 | 77.0 | 55.0 | 53.8 |
| Averages = | | | | 60.9 | 12.3 | 0 | \$762 | 64.2 | 72.9 | 46.1 | 63.9 |
| LSD (0.10) = | | | | 4.7 | 0.3 | 1.4 | | 8.3 | 4.7 | 4.8 | 7.5 |

FULL-SEASON TEST | MATURITY GROUP 1.9–2.2 | Top 30 of 54 tested

Results in BOLD are significantly above test average.

| Dyna-Gro | S21XF61 | RXF | 2.1 | 67.2 | 12.8 | 2 | \$839 | 55.5 | 84.0 | 45.5 | 72.1 |
|----------------|--------------|--------|-----|-------------|------|-----|-------|-------------|-------------|-------------|-------------|
| Anderson | 217RXT | RRX | 2.0 | 67.0 | 11.9 | 1 | \$838 | 61.4 | 78.1 | 53.3 | 69.8 |
| Stine | 21EE62 § | E3 | 2.1 | 66.5 | 13.2 | 1 | \$830 | 61.8 | 72.3 | 60.5 | 66.6 |
| Pioneer | P21A28X § | RRX | 2.1 | 64.9 | 11.9 | 0 | \$811 | 63.6 | 77.0 | 53.7 | 63.9 |
| Hefty | H20X7 | RRX | 2.0 | 64.7 | 12.2 | 4 | \$809 | 54.9 | 72.7 | 47.2 | 74.3 |
| Hefty | H20XF1 | RXF | 2.0 | 63.7 | 12.8 | 0 | \$795 | 48.2 | 80.2 | 44.7 | 66.1 |
| Innotech | IS2089E3 | E3 | 2.0 | 63.3 | 11.9 | 1 | \$792 | 59.9 | 74.4 | 44.8 | 70.8 |
| Golden Harvest | GH2292E3 | E3 | 2.2 | 63.2 | 12.0 | 0 | \$790 | 58.8 | 76.8 | 45.8 | 67.0 |
| Anderson | A200E3 | E3 | 2.0 | 62.9 | 12.2 | 1 | \$787 | 54.7 | 71.5 | 46.3 | 71.0 |
| Federal | F2121N | LLGT27 | 2.1 | 62.7 | 12.6 | 1 | \$783 | 60.3 | 77.3 | 48.1 | 62.5 |
| Loyal | L2240E | E3 | 2.2 | 62.4 | 12.5 | 2 | \$780 | 54.4 | 74.5 | 49.6 | 63.0 |
| NK Brand | NK22-C4E3 | E3 | 2.2 | 62.3 | 12.0 | 0 | \$779 | 55.1 | 77.7 | 49.6 | 59.6 |
| Zinesto | Z2202E | E3 | 2.2 | 62.1 | 12.5 | 0 | \$777 | 55.5 | 77.2 | 50.5 | 58.7 |
| Latham | L 2184 R2X | RRX | 2.1 | 62.1 | 11.9 | 5 | \$776 | 60.1 | 73.4 | 51.2 | 61.7 |
| LG Seeds | LGS2025XF GC | RXF | 2.0 | 62.1 | 12.8 | 0 | \$776 | 57.0 | 80.2 | 48.4 | 57.7 |
| Asgrow | AG21XF0 § | RXF | 2.1 | 62.0 | 12.6 | 1 | \$775 | 53.3 | 75.0 | 41.7 | 69.2 |
| Golden Harvest | GH2102XF | RXF | 2.1 | 61.7 | 12.3 | 2 | \$771 | 55.4 | 78.2 | 43.8 | 63.0 |
| Zinesto | Z1902E | E3 | 1.9 | 61.6 | 12.5 | 0 | \$770 | 57.8 | 81.0 | 47.3 | 56.6 |
| Anderson | A2121XF | RXF | 2.0 | 61.5 | 12.3 | 2 | \$769 | 57.5 | 69.2 | 52.6 | 62.7 |
| Genesis | G2260E | E3 | 2.2 | 61.1 | 12.5 | 0 | \$764 | 61.2 | 78.1 | 44.8 | 60.4 |
| Apex | AE2220 | E3 | 2.2 | 60.9 | 12.8 | 0 | \$762 | 53.5 | 75.2 | 47.8 | 59.8 |
| Dairyland | DSR-2040E | E3 | 2.0 | 60.8 | 12.1 | 0 | \$760 | 55.7 | 71.5 | 44.4 | 66.6 |
| Renk | RS212NXF | RXF | 2.1 | 60.5 | 12.2 | 1 | \$757 | 53.3 | 73.1 | 49.3 | 59.2 |
| Pioneer | P20T64E GC | E3 | 2.0 | 60.5 | 12.3 | 0 | \$757 | 46.7 | 79.5 | 42.0 | 60.1 |
| Renk | RS219NX | RRX | 2.1 | 60.5 | 12.1 | 0 | \$756 | 55.7 | 79.6 | 39.5 | 62.4 |
| Gold Country | 2250XF | RXF | 2.2 | 60.4 | 12.8 | 0 | \$755 | 56.2 | 75.4 | 42.5 | 63.3 |
| Loyal | L2130E | E3 | 2.1 | 60.2 | 12.2 | 3 | \$754 | 50.9 | 71.1 | 46.2 | 63.5 |
| Stine | 20EE23 § | E3 | 2.0 | 60.2 | 12.5 | 3 | \$752 | 51.1 | 71.1 | 49.3 | 60.1 |
| NK Brand | NK21-H4XF § | RXF | 2.1 | 60.1 | 12.1 | 10 | \$751 | 55.0 | 64.8 | 45.8 | 69.7 |
| Apex | AE2110 | E3 | 2.1 | 60.0 | 12.3 | 1 | \$750 | 55.4 | 75.2 | 40.5 | 64.4 |
| Dahlman | 7218XF CK | RXF | 1.8 | 65.9 | 12.6 | 2 | \$823 | 63.8 | 77.1 | 52.7 | 67.8 |
| Averages = | | | | 60.5 | 12.4 | 2 | \$756 | 55.5 | 72.4 | 46.4 | 62.7 |
| LSD (0.10) = | | | | 5.1 | 0.3 | 3.5 | | 8.2 | 4.5 | 4.9 | 5.8 |

* early- and full-season test results rejected, not included in summary (Madison Lake)

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

EARLY-SEASON TEST | MATURITY GROUP 1.6–1.9 | Top 30 of 53 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 ^{##} |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|---------------------|-------------|------------------------|----------------------------|
| Apex | AE1930 | E3 | 1.9 | 64.4 | 10.9 | 0 | \$805 | 70.9 | 75.5 | 53.3 | 65.6 |
| Pioneer | P18A33X § | RRX | 1.8 | 61.7 | 11.0 | 0 | \$772 | 76.7 | 73.2 | 50.3 | 72.8 |
| Xitavo | XO 1822E | E3 | 1.8 | 60.6 | 11.3 | 0 | \$757 | 66.4 | 68.2 | 53.0 | 66.2 |
| Zinesto | Z1702E | E3 | 1.7 | 59.9 | 11.2 | 0 | \$749 | 61.0 | 69.5 | 50.3 | 65.7 |
| Stine | 17EE32 § | E3 | 1.7 | 59.6 | 11.2 | 0 | \$746 | 67.5 | 63.5 | 55.8 | 71.0 |
| Apex | AE1720 | E3 | 1.7 | 59.6 | 11.0 | 1 | \$745 | 70.1 | 70.0 | 49.2 | 63.4 |
| NK Brand | NK19-Y5E3 | E3 | 1.9 | 59.3 | 11.4 | 1 | \$741 | 67.8 | 69.2 | 49.3 | 60.9 |
| Loyal | L1740E | E3 | 1.7 | 59.1 | 10.9 | 0 | \$739 | 67.0 | 67.8 | 50.3 | 61.3 |
| Loyal | L1950E | E3 | 1.9 | 58.6 | 11.1 | 0 | \$733 | 69.6 | 69.5 | 47.7 | 62.3 |
| Hefty | H18XF2 | RXF | 1.8 | 58.1 | 10.8 | 0 | \$727 | 73.4 | 68.0 | 48.3 | 72.5 |
| Latham | L 1648 LLGT27 | LLGT27 | 1.6 | 58.1 | 10.9 | 0 | \$726 | 60.6 | 68.0 | 48.2 | 63.4 |
| Dahlman | 1215E3N GC | E3 | 1.5 | 57.9 | 11.2 | 1 | \$724 | 70.1 | 66.2 | 49.5 | 66.8 |
| Genesis | G1760E | E3 | 1.7 | 57.9 | 11.1 | 1 | \$724 | 69.6 | 67.0 | 48.7 | 70.6 |
| Hefty | H16X1 | RRX | 1.6 | 57.6 | 10.9 | 0 | \$721 | 70.6 | 66.3 | 49.0 | 73.7 |
| Apex | AE1920 | E3 | 1.9 | 57.5 | 11.1 | 0 | \$718 | 67.6 | 67.3 | 47.6 | 63.1 |
| Golden Harvest | GH1762XF § | RXF | 1.7 | 57.2 | 10.9 | 0 | \$716 | 68.0 | 64.9 | 49.6 | 75.2 |
| Latham | L 1784 XF | RXF | 1.7 | 57.1 | 11.4 | 0 | \$714 | 68.0 | 61.5 | 52.7 | 72.7 |
| Dairyland | DSR-2030E | E3 | 1.9 | 56.9 | 10.8 | 0 | \$712 | 67.6 | 61.9 | 51.9 | 61.8 |
| Anderson | A1821XF | RXF | 1.8 | 56.9 | 11.2 | 0 | \$712 | 68.8 | 64.1 | 49.8 | 73.9 |
| Zinesto | Z1902E | E3 | 1.9 | 56.8 | 11.1 | 0 | \$709 | 67.9 | 66.9 | 46.6 | 64.3 |
| NK Brand | NK17-M2XF | RXF | 1.7 | 56.5 | 10.4 | 0 | \$706 | 66.3 | 61.6 | 51.3 | 69.7 |
| Federal | F1920N | RXF | 1.9 | 56.5 | 10.6 | 2 | \$706 | 73.9 | 63.9 | 49.0 | 67.8 |
| NK Brand | NK18-J7E3 § | E3 | 1.8 | 56.4 | 10.9 | 0 | \$705 | 67.1 | 59.4 | 53.4 | 69.6 |
| Genesis | G1960E | E3 | 1.9 | 56.2 | 11.2 | 3 | \$704 | 69.5 | 67.9 | 44.6 | 60.0 |
| Genesis | G1950E | E3 | 1.9 | 55.9 | 10.9 | 0 | \$698 | 64.8 | 64.2 | 47.5 | 63.3 |
| Asgrow | AG18XF1 § | RXF | 1.8 | 55.7 | 11.0 | 0 | \$696 | 70.8 | 57.3 | 54.1 | 73.7 |
| Dahlman | 6815XN GC | RRX | 1.5 | 55.3 | 10.2 | 0 | \$692 | 70.0 | 63.1 | 47.5 | 68.3 |
| Gold Country | 1531XF | RXF | 1.5 | 55.0 | 11.0 | 4 | \$689 | 67.8 | 61.5 | 48.6 | 66.4 |
| Zinesto | Z1802E | E3 | 1.8 | 55.0 | 11.0 | 0 | \$688 | 68.1 | 60.8 | 49.2 | 67.0 |
| Dyna-Gro | S17XF02 | RXF | 1.7 | 54.8 | 11.0 | 0 | \$685 | 68.4 | 62.5 | 47.0 | 74.5 |
| Dahlman | 1120E3N CK | E3 | 2.0 | 54.1 | 11.0 | 0 | \$677 | 68.6 | 61.6 | 46.7 | 63.0 |
| Averages = | | | | 55.5 | 11.0 | 1 | \$694 | 67.2 | 62.4 | 48.5 | 67.2 |
| LSD (0.10) = | | | | ns | ns | ns | | 4.4 | 6.8 | 4.3 | 4.7 |

FULL-SEASON TEST | MATURITY GROUP 2.0–2.3 | Top 30 of 54 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 ^{##} |
|-------------------|-------------------|------------|----------|--------------|--------------|-------------|---------------------|---------------------|-------------|------------------------|----------------------------|
| Pioneer | P21A28X § | RRX | 2.1 | 70.0 | 8.9 | 0 | \$875 | 68.9 | 70.0 | 54.3 | 66.0 |
| NK Brand | NK21-H4XF § | RXF | 2.1 | 68.7 | 9.3 | 0 | \$859 | 77.2 | 68.7 | 53.9 | 62.5 |
| Federal | F2320N | RXF | 2.3 | 68.0 | 12.2 | 0 | \$850 | 72.8 | 68.0 | 49.2 | 70.7 |
| Stine | 21EE62 § | E3 | 2.1 | 67.5 | 8.7 | 0 | \$844 | 67.7 | 67.5 | 49.2 | 57.3 |
| Genesis | G2060E | E3 | 2.0 | 67.3 | 10.2 | 0 | \$841 | 67.3 | 67.3 | 45.3 | 60.2 |
| Apex | AE2220 | E3 | 2.2 | 66.5 | 10.5 | 0 | \$831 | 70.0 | 66.5 | 47.3 | 66.2 |
| Xitavo | XO 2282E | E3 | 2.2 | 66.2 | 11.3 | 0 | \$828 | 65.1 | 66.2 | 51.2 | 63.9 |
| Loyal | L2240E | E3 | 2.2 | 66.0 | 10.5 | 0 | \$825 | 69.2 | 66.0 | 47.9 | 65.4 |
| Dyna-Gro | S21EN81 | E3 | 2.1 | 65.7 | 10.0 | 0 | \$821 | 65.6 | 65.7 | 51.6 | 64.9 |
| Pioneer | P23A15X GC | RRX | 2.3 | 65.4 | 10.1 | 0 | \$818 | 73.4 | 65.4 | 49.0 | 71.0 |
| Zinesto | Z2302SE | E3,ST | 2.3 | 65.4 | 10.9 | 0 | \$818 | 68.8 | 65.4 | 49.0 | 69.0 |
| Federal | F2210N | RXF | 2.2 | 65.2 | 10.6 | 0 | \$815 | 75.2 | 65.2 | 46.7 | 65.1 |
| Zinesto | Z2002E | E3 | 2.0 | 65.0 | 9.3 | 0 | \$812 | 65.0 | 65.0 | 44.8 | 56.5 |
| Renk | RS212NXF | RXF | 2.1 | 65.0 | 10.0 | 1 | \$812 | 70.1 | 65.0 | 45.3 | 62.5 |
| NK Brand | NK22-C4E3 | E3 | 2.2 | 64.9 | 9.2 | 0 | \$811 | 66.8 | 64.9 | 50.1 | 71.0 |
| Latham | L 2379 E3 | E3 | 2.3 | 64.8 | 10.6 | 0 | \$810 | 62.8 | 64.8 | 45.9 | 56.9 |
| Zinesto | Z2101E | E3 | 2.1 | 64.3 | 9.9 | 0 | \$804 | 68.8 | 64.3 | 50.8 | 62.6 |
| Loyal | L2040E | E3 | 2.0 | 63.9 | 10.3 | 0 | \$799 | 68.9 | 63.9 | 48.0 | 59.6 |
| Xitavo | XO 2181E | E3 | 2.1 | 63.6 | 9.6 | 0 | \$795 | 64.9 | 63.6 | 43.5 | 60.7 |
| Stine | 20EE23 § | E3 | 2.0 | 62.5 | 9.3 | 0 | \$781 | 66.2 | 62.5 | 49.9 | 62.9 |
| Genesis | G2260E | E3 | 2.2 | 62.4 | 9.8 | 0 | \$780 | 67.9 | 62.4 | 46.6 | 66.6 |
| Asgrow | AG22XF2 § | RXF | 2.2 | 62.3 | 9.5 | 0 | \$779 | 72.8 | 62.3 | 51.1 | 70.0 |
| Apex | AE2020 | E3 | 2.0 | 62.3 | 9.8 | 0 | \$779 | 69.0 | 62.3 | 44.3 | 58.0 |
| Dairyland | DSR-2112E | E3 | 2.1 | 62.1 | 11.0 | 0 | \$776 | 72.2 | 62.1 | 39.5 | 68.8 |
| Latham | L 2295 R2X | RRX | 2.2 | 62.0 | 9.4 | 0 | \$775 | 73.9 | 62.0 | 50.2 | 66.7 |
| Genesis | G2150E | E3 | 2.1 | 61.3 | 10.4 | 0 | \$766 | 69.0 | 61.3 | 45.6 | 64.7 |
| Dyna-Gro | S21XF61 | RXF | 2.1 | 60.8 | 10.9 | 0 | \$760 | 66.8 | 60.8 | 52.0 | 70.6 |
| Gold Country | 2250XF | RXF | 2.2 | 60.2 | 11.3 | 0 | \$752 | 74.9 | 60.2 | 55.4 | 65.3 |
| Anderson | 217RXT | RRX | 2.0 | 60.1 | 8.2 | 0 | \$751 | 71.9 | 60.1 | 54.7 | 72.2 |
| Anderson | A200E3 | E3 | 2.0 | 60.1 | 9.8 | 0 | \$751 | 66.8 | 60.1 | 51.4 | 67.3 |
| Dahlman | 1120E3N CK | E3 | 2.0 | 53.5 | 10.6 | 0 | \$669 | 68.0 | 53.5 | 46.5 | 64.5 |
| Averages = | | | | 60.9 | 10.1 | 0 | \$761 | 68.8 | 60.8 | 48.4 | 64.6 |
| LSD (0.10) = | | | | 4.6 | 1.1 | ns | | 4.5 | 4.6 | 3.8 | 4.0 |

[#] early- and full-season test results not included in summary due to dicamba drift damage (Easton, New Richland); ^{*} full-season test results not included in summary due to dicamba drift damage (Lamberton)

SOYBEAN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|--|------------|----------|-----|-----------|---|
| ANDERSON Anderson Seeds | | | | | |
| www.andersonseedsmn.com 37825 County Rd 63, St. Peter, MN 56082 (507) 246-5032 | | | | | |
| 159RXT | RRX | 1.5 | MR | Untreated | MNSCa |
| 217RXT | RRX | 2 | MR | Untreated | MNSCb, MNSOb |
| A151E3 | E3 | 1.5 | NA | Untreated | MNSCa |
| A180E3 | E3 | 1.8 | NA | Untreated | MNSCa, MNSOa |
| A1821XF | RXF | 1.8 | NA | Untreated | MNSCa, MNSOa |
| A200E3 | E3 | 2 | NA | Untreated | MNSCb, MNSOb |
| A2121XF | RXF | 2 | NA | Untreated | MNSCb, MNSOb |
| APEX M.S. Technologies, L.L.C. | | | | | |
| www.mstechseed.com 103 Avenue D, West Point, IA 52656 (800) 362-2510 | | | | | |
| AE0611 | E3 | 0.6 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| AE0720 | E3 | 0.7 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| AE1220 | E3 | 1.2 | R | CMBV,SA | MNNCb, RRSOb, SDNEa |
| AE1410 | E3 | 1.4 | R | CMBV,SA | MNCEa, RRSOb |
| AE1420 | E3 | 1.4 | R | CMBV,SA | MNCEa, MNNCb, RRSOb, SDNEb |
| AE1520 | E3 | 1.5 | R | CMBV,SA | MNCEa, MNNCb, MNSCa, SDNEb |
| AE1710 | E3 | 1.7 | R | CMBV,SA | MNSCa, SDNEb |
| AE1720 | E3 | 1.7 | R | CMBV,SA | IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNEb |
| AE1910 | E3 | 1.9 | R | CMBV,SA | MNSOa |
| AE1920 | E3 | 1.9 | R | CMBV,SA | MNCEb, MNSCb, MNSOa, SDEC, WISO |
| AE1930 | E3 | 1.9 | R | CMBV,SA | MNCEb, MNSOa, SDEC, WISO |
| AE2020 | E3 | 2 | R | CMBV,SA | IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC, WISO |
| AE2110 | E3 | 2.1 | R | CMBV,SA | IANOa, MNSCb, MNSOb |
| AE2220 | E3 | 2.2 | R | CMBV,SA | IANCa, IANOb, IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE, WISO |
| ASGROW Asgrow Brand (Bayer CropScience) | | | | | |
| www.asgrow.com 800 N Lindbergh Blvd, St. Louis, MO 63167 (314) 694-1000 | | | | | |
| AG09XF0 § | RXF | 0.9 | R | ACi,IL | MNNCa, RRCE, RRSOa |
| AG10XF1 § | RXF | 1 | R | ACi,IL | MNNCb, RRSOa, SDNEa |
| AG15XF2 § | RXF | 1.5 | R | ACi,IL | MNCEa, MNNCb, MNSCa, SDNEb |
| AG18XF1 § | RXF | 1.8 | R | Untreated | IANOa, MNCEb, MNSCa, MNSOa, SDEC |
| AG20XF1 § | RXF | 2 | R | ACi,IL | MNCEb |
| AG21XF0 § | RXF | 2.1 | R | ACi,IL | IANOa, MNSCb, MNSOb, SDEC, SDSE |
| AG22XF2 § | RXF | 2.2 | R | ACi,IL | MNSOb, SDEC, WISO |
| CREDENZ Credenz (BASF) | | | | | |
| agriculture.bASF.us/crop-protection/products/seeds/credenz.html 2 T.W. Alexander Drive, Research Triangle Park, NC 27709 (877) 365-4287 | | | | | |
| CZ 0661GTLL | LLGT27 | 0.6 | R | PV,IL,OB | MNNCa, RRCE, RRSOa |
| CZ 1171GTLL | LLGT27 | 1.1 | MR | PV,IL,OB | MNNCb, RRSOb, SDNEa |
| CZ 1331GTLL | LLGT27 | 1.3 | R | PV,IL,OB | MNCEa, MNNCb, RRSOb, SDNEa |
| CZ 1660GTLL | LLGT27 | 1.6 | MR | PV,IL,OB | MNCEa, MNSCa, MNSOa, SDEC, SDNEb |
| CZ 2121GTLL | LLGT27 | 2.1 | MR | PV,IL,OB | IANCa, IANOa, IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE, WISO |
| DAHLMAN Dahlman Seed Company LLP | | | | | |
| www.dahlmanseed.com 73504 200th St, Dassel, MN 55325 (800) 289-7333 | | | | | |
| 1111E3N GC | E3,ST | 1.1 | R | IS | MNNCb, SDNEa |
| 1117E3N GC | E3 | 1.7 | R | IS | MNCEb, SDNEb |
| 1120E3N CK | E3 | 2 | NA | IS | MNSOa, MNSOb |
| 1215E3N GC | E3 | 1.5 | NA | Untreated | MNSCa, MNSOa |
| 6015XN CK | RRX | 1.5 | R | IS | MNNCa, MNNCb |
| 6815XN GC | RRX | 1.5 | R | IS | MNNCb, MNSCa, MNSOa |
| 7218XF CK | RXF | 1.8 | NA | IS | MNSCa, MNSCb |

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|---|------------|----------|-----|---------|---|
| 7220XF GC | RXF | 2 | NA | IS | MNCEb, MNSOb |
| DAIRYLAND Dairyland Seed Co., Inc. (Corteva Agriscience) | | | | | |
| www.dairylandseed.com PO Box 958, West Bend, WI 53095 (800) 236-0163 | | | | | |
| DSR-0660E | E3 | 0.6 | R | Lum,IL | MNNCa, RRCE |
| DSR-0847E | E3 | 0.8 | S | Lum,IL | MNNCa, RRCE |
| DSR-0920E | E3 | 0.9 | R | Lum,IL | MNNCb, RRSOa |
| DSR-1010E | E3 | 1 | R | Lum,IL | MNNCa, RRCE, RRSOa |
| DSR-1290E | E3 | 1.2 | R | Lum,IL | MNNCb, RRSOb, SDNEa |
| DSR-1318E | E3 | 1.3 | R | Lum,IL | MNCEa, MNNCb, RRSOb, SDNEa |
| DSR-1450E | E3 | 1.4 | R | Lum,IL | MNCEa, MNNCb, RRSOb, SDNEb |
| DSR-1673E | E3 | 1.6 | R | Lum,IL | MNCEa, MNSCa, MNSOa, SDNEb |
| DSR-1707E | E3 | 1.7 | R | Lum,IL | MNCEb, MNSCa, MNSOa, SDNEb |
| DSR-1820E | E3 | 1.8 | R | Lum,IL | MNCEb, MNSCa, MNSOa, SDEC, WISO |
| DSR-2030E | E3 | 1.9 | R | Lum,IL | MNCEb, MNSCb, MNSOa, SDEC, WISO |
| DSR-2040E | E3 | 2 | R | Lum,IL | MNCEb, MNSCb, MNSOb, SDEC, WISO |
| DSR-2112E | E3 | 2.1 | R | Lum,IL | MNSCb, MNSOb, SDEC, WISO |
| DSR-2222E | E3 | 2.2 | R | Lum,IL | MNSCb, MNSOb, SDEC, WISO |
| DYNA-GRO Dyna-Gro Seed (Nutrien Ag Solutions) | | | | | |
| www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538 (970) 685-3300 | | | | | |
| S07EN61 | E3 | 0.7 | R | EQV,SA | MNNCa, RRCE |
| S09EN41 | E3 | 0.9 | R | EQV,SA | MNNCa, RRSOa |
| S12XF92 | RXF | 1.2 | R | EQV,SA | MNNCb, RRSOb, SDNEa |
| S15XF82 | RXF | 1.5 | MR | EQV,SA | MNCEa, MNNCb, SDNEb |
| S17XF02 | RXF | 1.7 | MR | EQV,SA | MNCEb, MNSCa, MNSOa |
| S18EN52 | E3 | 1.8 | MR | EQV,SA | MNCEb, MNSCa, MNSOa, SDEC |
| S19EN21 | E3 | 1.9 | R | EQV,SA | MNCEb, MNSCb |
| S21EN81 | E3 | 2.1 | R | EQV,SA | MNSCb, MNSOb |
| S21XF61 | RXF | 2.1 | R | EQV,SA | MNSCb, MNSOb |
| S21XF72 | RXF | 2.1 | R | EQV,SA | MNSOb, SDEC |
| FEDERAL Federal Hybrids | | | | | |
| www.federalhybrids.com 209 3rd St NE, West Bend, IA 50597 (515) 887-5888 | | | | | |
| F1709N | LLGT27 | 1.7 | R | MAG | MNSCa |
| F1720N | RXF | 1.7 | R | MAG | MNSCa |
| F1909N | LLGT27 | 1.9 | R | MAG | MNCEb, MNSOa |
| F1920N | RXF | 1.9 | R | MAG | MNCEb, MNSOa |
| F2121N | LLGT27 | 2.1 | R | MAG | IANOa, MNSCb |
| F2210N | RXF | 2.2 | R | MAG | MNSCb, MNSOb |
| F2320N | RXF | 2.3 | R | MAG | MNSOb |
| GENESIS M.S. Technologies, L.L.C. | | | | | |
| www.mstechseed.com 103 Avenue D, West Point, IA 52656 (800) 362-2510 | | | | | |
| G0651E | E3 | 0.6 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| G0760E | E3 | 0.7 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| G1260E | E3 | 1.2 | R | CMBV,SA | MNNCb, RRSOb, SDNEa |
| G1340E | E3 | 1.3 | R | CMBV,SA | MNCEa, SDNEa |
| G1460E | E3 | 1.4 | R | CMBV,SA | MNCEa, MNNCb, RRSOb, SDNEb |
| G1560E | E3 | 1.5 | R | CMBV,SA | MNCEa, MNNCb, MNSCa, SDNEb |
| G1650E | E3 | 1.6 | R | CMBV,SA | MNCEa |
| G1680GL | LLGT27 | 1.6 | R | CMBV,SA | MNSCa, MNSOa |
| G1760E | E3 | 1.7 | R | CMBV,SA | IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNEb |
| G1950E | E3 | 1.9 | R | CMBV,SA | MNSCb, MNSOa |
| G1960E | E3 | 1.9 | R | CMBV,SA | IANOa, IANWa, MNCEb, MNSCb, MNSOa, SDEC, WISO |
| G1970E | E3 | 1.9 | R | CMBV,SA | MNCEb, SDEC, WISO |

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

Central and Southern Minnesota Soybean Products Tested

SOYBEAN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|---|------------|----------|-----|---------|---|
| G2060E | E3 | 2 | R | CMBV,SA | IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC, WISO |
| G2150E | E3 | 2.1 | R | CMBV,SA | MNSOb |
| G2190GL | LLGT27 | 2.1 | R | CMBV,SA | IANOa, MNSOb, WISO |
| G2260E | E3 | 2.2 | R | CMBV,SA | IANCa, IANOb, IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE, WISO |
| GOLD COUNTRY Gold Country Seed (Bayer CropScience) | | | | | |
| www.goldcountryseed.com 16506 MN-15, Hutchinson, MN 55350 (320) 587-1050 | | | | | |
|  | | | | | |
| 1041XF | RXF | 1 | R | ACi,IL | MNNCb |
| 1531XF | RXF | 1.5 | R | ACi,IL | MNSCa, MNSOa |
| 1609X | RRX | 1.6 | R | ACi,IL | MNCEa, MNSCa, MNSOa |
| 2250XF | RXF | 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 |
| GH0822XF § | RXF | 0.8 | R | CMBV,SA | MNNCa |
| GH0842E3 | E3 | 0.8 | R | CMBV,SA | MNNCa, RRSOa |
| GH1032XF | RXF | 1 | R | CMBV,SA | MNNCb, RRSOa |
| GH1442XF | RXF | 1.4 | MR | CMBV,SA | MNCEa, MNNCb, RRSOb |
| GH1472E3 | E3 | 1.4 | R | CMBV,SA | MNNCb, SDNEb |
| GH1762XF § | RXF | 1.7 | MR | CMBV,SA | MNCEb, MNSCa, MNSOa |
| GH1802E3 | E3 | 1.8 | R | CMBV,SA | IANOa, MNCEb, MNSCa, MNSOa |
| GH2102XF | RXF | 2.1 | MR | CMBV,SA | MNSCb, MNSOb, NCSL, SDEC, WISO |
| GH2292E3 | E3 | 2.2 | MR | CMBV,SA | IANCa, IANOb, IANWa, MNSCb, MNSOb |
| HEFTY Hefty Seed Company | | | | | |
| www.heftysseed.com 47504 252nd St, Baltic, SD 57003 (866) 769-7200 | | | | | |
|  | | | | | |
| H06X8 | RRX | 0.6 | MR | DST4,SA | MNNCa, RRCE |
| H06XF2 | RXF | 0.6 | NA | DST4,SA | MNNCa, RRCE, RRSOa |
| H07XF1 | RXF | 0.7 | NA | DST4,SA | MNNCa, RRCE, RRSOa |
| H08XF2 | RXF | 0.8 | NA | DST4,SA | MNNCa, RRCE, RRSOa |
| H11XF2 | RXF | 1.1 | NA | DST4,SA | MNNCb, RRSOb, SDNEa |
| H12XF2 | RXF | 1.2 | NA | DST4,SA | MNNCb, RRSOb, SDNEa |
| H13XF1 | RXF | 1.3 | NA | DST4,SA | MNCEa, MNNCb, RRSOb, SDNEa |
| H14XF1 | RXF | 1.4 | NA | DST4,SA | MNCEa, MNNCb, RRSOb, SDNEb |
| H15XF2 | RXF | 1.5 | NA | DST4,SA | MNCEa, MNSCa, SDNEb |
| H16X1 | RRX | 1.6 | R | DST4,SA | MNSOa, SDEC |
| H16XF2 | RXF | 1.6 | NA | DST4,SA | MNCEa, MNSCa, MNSOa, SDEC, SDNEb |
| H17XF1 | RXF | 1.7 | NA | DST4,SA | IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNEb |
| H18XF2 | RXF | 1.8 | NA | DST4,SA | IANOa, MNCEb, MNSCa, MNSOa, SDEC |
| H20X7 | RRX | 2 | MR | DST4,SA | MNSCb |
| H20XF1 | RXF | 2 | NA | DST4,SA | IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC |
| H20XF2 | RXF | 2 | NA | DST4,SA | IANWa, MNCEb, MNSCb, MNSOb, SDEC |
| H21XF2 | RXF | 2.1 | NA | DST4,SA | IANCa, IANOa, IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE |
| H23XF1 | RXF | 2.3 | NA | DST4,SA | IANCa, IANOb, IASCa, MNSOb, NCSL, SDEC, SDSE |
| INNOTECH Rob See Co | | | | | |
| www.robseeoco.com PO Box 129, Waterloo, NE 68069 (855) 450-1822 | | | | | |
|  | | | | | |
| IS1761E3 | E3 | 1.7 | MR | Fortify | MNSCa, SDEC, SDNEb |
| IS2089E3 | E3 | 2 | MR | Fortify | MNSCb, SDEC |
| LATHAM Latham Hi-Tech Seeds | | | | | |
| www.lathamseeds.com 131 180th St, Alexander, IA 50420 (877) 465-2842 | | | | | |
|  | | | | | |
| L0728 XF | RXF | 0.7 | R | SS+,SA | MNNCa, RRCE |

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|--|------------|----------|-----|---------|---|
| L 0785 E3 | E3 | 0.7 | R | SS+,SA | MNNCa, RRCE |
| L 0984 XF | RXF | 0.9 | R | SS+,SA | MNNCa, RRCE, RRSOa |
| L 0995 E3 | E3 | 0.9 | R | SS+,SA | MNNCa, RRCE, RRSOa |
| L 1219 E3 | E3 | 1.2 | R | SS+,SA | MNNCb, RRSOb, SDNEa |
| L 1383 XF | RXF | 1.3 | R | SS+,SA | MNCEa, MNNCb, RRSOb, SDNEa |
| L 1392 E3 | E3 | 1.3 | R | SS+ | MNNCb, RRSOb |
| L 1429 LLGT27 | LLGT27 | 1.4 | R | SS+,SA | MNCEa, RRSOb |
| L 1558 E3 | E3 | 1.5 | R | SS+,SA | MNCEa, MNNCb, MNSCa, SDNEb |
| L 1648 LLGT27 | LLGT27 | 1.6 | R | SS+ | MNCEa, MNSCa, MNSOa, SDNEb |
| L 1758 E3 | E3 | 1.7 | R | SS+,SA | MNSCa, MNSOa, SDNEb |
| L 1784 XF | RXF | 1.7 | R | SS+,SA | IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNEb |
| L 1948 R2X | RRX | 1.9 | R | SS+,SA | MNCEb |
| L 1995 E3 | E3 | 1.9 | R | SS+,SA | MNCEb, MNSOa, SDEC |
| L 2049 E3 | E3 | 2 | R | SS+,SA | IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC |
| L 2184 R2X | RRX | 2.1 | R | SS+,SA | IANOa, MNSCb, SDEC |
| L 2193 E3 | E3 | 2.1 | R | SS+,SA | IANCa, IANOa, IANWa, MNSCb, MNSOb, SDEC |
| L 2283 XF | RXF | 2.2 | R | SS+,SA | MNSCb, SDEC |
| L 2295 R2X | RRX | 2.2 | R | SS+,SA | MNSOb, SDEC |
| L 2379 E3 | E3 | 2.3 | R | SS+,SA | IANCa, IANOb, IANWa, MNSOb, NCSL, SDEC |
| LG SEEDS LG Seeds (AgReliant Genetics, LLC) | | | | | |
| www.lgseeds.com 22827 Shissler Rd, Elmwood, IL 61529 (800) 752-6847 | | | | | |
|  | | | | | |
| LGS1769XF GC | RXF | 1.7 | R | ACi,SA | MNCEb, MNSCa |
| LGS2025XF GC | RXF | 2 | R | ACi,SA | MNCEb, MNSCb |
| LOYAL M.S. Technologies, L.L.C. | | | | | |
| www.mstechseed.com 103 Avenue D, West Point, IA 52656 (800) 362-2510 | | | | | |
|  | | | | | |
| L0640E | E3 | 0.6 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| L0740E | E3 | 0.7 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| L1230ES | E3,ST | 1.2 | R | CMBV,SA | MNCEa, MNNCb, RRSOb |
| L1240E | E3 | 1.2 | R | CMBV,SA | MNNCb, RRSOb, SDNEa |
| L1440E | E3 | 1.4 | R | CMBV,SA | MNCEa, MNNCb, RRSOb, SDNEb |
| L1540E | E3 | 1.5 | R | CMBV,SA | MNCEa, MNNCb, MNSCa, SDNEb |
| L1740E | E3 | 1.7 | R | CMBV,SA | MNCEb, MNSCa, MNSOa, SDEC, SDNEb |
| L1940E | E3 | 1.9 | R | CMBV,SA | MNCEb, MNSCb, MNSOa, SDEC, WISO |
| L1950E | E3 | 1.9 | R | CMBV,SA | MNCEb, MNSOa, SDEC, WISO |
| L2040E | E3 | 2 | R | CMBV,SA | MNCEb, MNSCb, MNSOb, SDEC, WISO |
| L2130E | E3 | 2.1 | R | CMBV,SA | IANCa, IANOa, MNSCb, MNSOb, NCSL, WISO |
| L2240E | E3 | 2.2 | R | CMBV,SA | 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 | | | | | |
|  | | | | | |
| NK08-B7XF | RXF | 0.8 | R | CMBV,SA | MNNCa, RRCE, RRSOa |
| NK08-V9E3 § | E3 | 0.8 | R | CMBV,SA | MNNCa, RRSOa |
| NK10-W8XF | RXF | 1 | R | CMBV,SA | MNNCb |
| NK14-C7XF | RXF | 1.4 | R | CMBV,SA | MNCEa, RRSOb, SDNEb |
| NK14-W6E3 | E3 | 1.4 | MR | CMBV,SA | MNCEa, MNNCb |
| NK17-M2XF | RXF | 1.7 | R | CMBV,SA | MNCEb, MNSCa, MNSOa, SDNEb |
| NK18-J7E3 § | E3 | 1.8 | MR | CMBV,SA | MNCEb, MNSCa, MNSOa |
| NK19-C8XF | RXF | 1.9 | R | CMBV,SA | IANOa, IANWa, MNCEb, MNSCb, MNSOa, SDEC |
| NK19-Y5E3 | E3 | 1.9 | R | CMBV,SA | MNSOa |
| NK21-H4XF § | RXF | 2.1 | MR | CMBV,SA | IANOa, IANWa, MNSCb, MNSOb, SDEC, SDSE |

SOYBEAN PRODUCTS TESTED

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|--|------------|----------|-----|-----------|---|
| NK22-C4E3 | E3 | 2.2 | R | CMBV,SA | IANOb, IANWa, MNSCb, MNSOb, SDSE, WISO |
| S20-G7 | CONV | 2 | S | Untreated | MNSOCV |
| NUTECH NuTech Seed, LLC (Corteva Agriscience) www.nutechseed.com 201 Knollwood Dr, Champaign, IL 61820 (888) 647-3478 | | | | | |
|  | | | | | |
| 18N02E | E3 | 1.8 | R | Lum,Lu,IL | IANOa, MNSOa |
| 20N04E | E3 | 2 | R | Lum,Lu,IL | IANOa, MNSOb |
| 21N06E | E3 | 2.1 | R | Lum,Lu,IL | IANCa, IANOa, MNSOb, NCSL |
| PIONEER DuPont Pioneer (Corteva Agriscience) www.pioneer.com PO Box 454, Johnston, IA 50131 (800) 247-6803 | | | | | |
|  | | | | | |
| P09A53X § | RRX | 0.9 | NA | Lum,Lu | MNNCa, SDNEa |
| P11A44X § | RRX | 1.1 | R | Lum,Lu,IL | MNNCb, SDNEa |
| P15A63X CK | RRX | 1.5 | NA | Untreated | MNCEa, MNCEb |
| P16T58E § | E3 | 1.6 | R | Lum,Lu | MNCEa |
| P18A33X § | RRX | 1.8 | NA | Lum,Lu | MNCEb, MNNCa, MNSOa |
| P20T64E GC | E3 | 2 | R | Lum,Lu | MNSCb, MNSOb |
| P21A28X § | RRX | 2.1 | R | Lum,Lu | IANCa, IANOa, MNSCb, MNSOb, SDEC |
| P23A15X GC | RRX | 2.3 | R | Lum,Lu | MNSOb |
| PROSEED Proseed, Inc. www.proseed.net 705 E Brewster, Harvey, ND 58341 (800) 776-3121 | | | | | |
|  | | | | | |
| SKYLINE | CONV | 1.1 | R | Untreated | MNSOCV |
| RENK Renk Seed Co. http://www.renksseed.com 6809 Wilburn Rd., Sun Prairie, WI 53590 (800) BUY-RENK | | | | | |
| RS150NX | RRX | 1.5 | R | EctC | MNNCa |
| RS212NXF | RXF | 2.1 | R | EctC,SA | IANOa, MNSCb, MNSOb |
| RS219NX | RRX | 2.1 | R | EctC,SA | IANOa, MNSCb, MNSOb |
| SB&B FOODS SB & B Foods www.sbb-b.com PO Box 549, Casselton, ND 58012 (701) 347-4900 | | | | | |
|  | | | | | |
| SB1270 | CONV | 1.2 | NA | Untreated | MNSOCV |
| SB187 | CONV | 1.8 | NA | Treated | MNSOCV |
| SB19 | CONV | 1.9 | NA | Untreated | MNSOCV |
| SEVITA Grain Millers www.grainmillers.com 1502 Gault St, St. Peter, MN 56082 (507) 934-0209 | | | | | |
|  | | | | | |
| CANDOR | CONV | 1.9 | NA | Untreated | MNSOCV |
| STINE Stine Seed Company www.stineseed.com 22555 Laredo Trail Adel, IA 50003 (800) 362-2510 | | | | | |
|  | | | | | |
| 09EA02 § | E3 | 0.9 | R | SFI | MNNCa, RRSOa |
| 11EC02 § | E3 | 1.1 | R | SFI | MNNCb |
| 14EE01 § | E3 | 1.4 | MR | Treated | MNCEa, MNNCb, RRSOb, SDNEb |
| 17EE32 § | E3 | 1.7 | R | SFI | MNCEb, MNNCa, MNSOa, SDEC, SDNEb |
| 20EE23 § | E3 | 2 | R | SFI | IANWa, MNCEb, MNSCb, MNSOb, SDEC, WISO |
| 21EE62 § | E3 | 2.1 | R | SFI | IANCa, IANOa, IANWa, MNSCb, MNSOb, SDEC, SDSE, WISO |
| THUNDER Thunder Seed, Inc. www.thunderseed.com 806 Center Ave W, Dilworth, MN 56529 (888) 684-8633 | | | | | |
|  | | | | | |
| SB8010N | RRX | 1 | R | AM | MNNCb, RRSOa, SDNEa |
| SB8015N | RRX | 1.5 | R | AM | MNCEa, SDNEb |
| SB8807N | RRX | 0.7 | R | AM | MNNCa, RRCE, RRSOa |
| TE7011N | E3 | 1.1 | R | AM | MNNCb, RRSOb, SDNEa |
| TE7207 | E3 | 0.7 | S | AM | MNNCa, RRCE, RRSOa |
| TE7218N | E3 | 1.8 | R | AM | MNCEb, SDEC |

| Product/Brand | Technology | Maturity | SCN | STrt | Region(s) Tested |
|--|------------|----------|-----|-----------|---|
| TX8109N | RXF | 0.9 | R | AM | MNNCa, RRCE, RRSOa |
| TX8117N | RXF | 1.7 | R | AM | MNCEb, SDEC, SDNEb |
| TX8207N | RXF | 0.7 | R | AM | MNNCa, RRCE, RRSOa |
| TX8211N | RXF | 1.1 | R | AM | MNNCb, RRSOb, SDNEa |
| TX8215N | RXF | 1.5 | R | AM | MNCEa, MNNCb, SDNEb |
| TX8220N | RXF | 2 | R | AM | MNCEb, SDEC |
| VIKING Viking (Albert Lea Seed House, Inc.) www.alseed.com/viking 1414 W Main St, Albert Lea, MN 56007 (800) 352-5247 | | | | | |
|  | | | | | |
| 1700N | CONV | 1.7 | NA | Untreated | MNSOCV |
| 2100N | CONV | 2.1 | NA | Untreated | MNSOCV |
| 2188AT12N | CONV | 2.4 | MR | Untreated | MNSOCV |
| V1821 | CONV | 1.8 | MR | Untreated | MNSOCV |
| VIRTUE Virtue Seeds (GDM) www.virtueseeds.com 454 E 300N Rd, Suite C, Gibson City, IL 60936 | | | | | |
|  | | | | | |
| V1621 | CONV | 1.6 | NA | Treated | MNSOCV |
| V1821-A | CONV | 1.8 | NA | Treated | MNSOCV |
| XITAVO Xitavo (M.S. Technologies, L.L.C.) www.xitavosoybeanseed.com 103 Avenue D, West Point, IA 52656 (800) 362-2510 | | | | | |
|  | | | | | |
| XO 0602E | E3 | 0.6 | R | PV,IL,OB | MNNCa, RRSOa |
| XO 0731E | E3 | 0.7 | R | PV,IL,OB | MNNCa, RRCE, RRSOa |
| XO 1041E | E3 | 1 | R | PV,IL,OB | MNNCb, RRSOa, SDNEa |
| XO 1212E | E3 | 1.2 | R | PV,IL,OB | MNNCb, RRSOb, SDNEa |
| XO 1372E | E3 | 1.3 | R | PV,IL,OB | MNCEa, MNNCb, RRSOb, SDNEa |
| XO 1451E | E3 | 1.4 | R | PV,IL,OB | MNCEa, MNNCb, RRSOb, SDNEb |
| XO 1632E | E3 | 1.6 | R | PV,IL,OB | MNCEa, MNNCa, MNSOa, SDEC, SDNEb |
| XO 1761E | E3 | 1.7 | R | PV,IL,OB | IANOa, MNCEb, MNNCa, MNSOa, SDEC, SDNEb |
| XO 1822E | E3 | 1.8 | R | PV,IL,OB | MNCEb, MNNCa, MNSOa, SDEC, WISO |
| XO 2181E | E3 | 2.1 | R | PV,IL,OB | IANCa, IANOa, IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE, WISO |
| XO 2282E | E3 | 2.2 | R | PV,IL,OB | MNSOb, NCSL, SDEC, SDSE, WISO |
| ZINESTO M.S. Technologies L.L.C. www.zinestoseed.com 103 Avenue D, West Point, IA 52656 (800) 352-2510 | | | | | |
|  | | | | | |
| Z0602E | E3 | 0.6 | NA | DST4,SA | MNNCa, RRCE, RRSOa |
| Z0702E | E3 | 0.7 | NA | DST4,SA | MNNCa, RRCE, RRSOa |
| Z1101E | E3 | 1.1 | R | DST4,SA | MNNCb, RRSOb, SDNEa |
| Z1202E | E3 | 1.2 | NA | DST4,SA | MNNCb, RRSOb, SDNEa |
| Z1302E | E3 | 1.3 | NA | DST4,SA | MNCEa, MNNCb, RRSOb, SDNEa |
| Z1411E | E3 | 1.4 | R | DST4,SA | MNCEa, RRSOb, SDNEb |
| Z1502E | E3 | 1.5 | NA | DST4,SA | MNCEa, MNNCb, MNNCa, SDNEb |
| Z1601E | E3 | 1.6 | R | DST4,SA | MNCEa, SDEC, SDNEb |
| Z1702E | E3 | 1.7 | NA | DST4,SA | IANOa, MNCEb, MNNCa, MNSOa, SDEC, SDNEb |
| Z1801E | E3 | 1.8 | R | DST4,SA | MNNCa, MNSOa, SDEC |
| Z1802E | E3 | 1.8 | NA | DST4,SA | IANOa, MNCEb, MNNCa, MNSOa, SDEC |
| Z1902E | E3 | 1.9 | NA | DST5 | IANOa, IANWa, MNCEb, MNNCb, MNSOa, SDEC |
| Z2002E | E3 | 2 | NA | DST4,SA | IANOa, IANWa, MNCEb, MNNCb, MNSOa, SDEC |
| Z2101E | E3 | 2.1 | R | DST4,SA | IANCa, MNNCb, MNSOb, NCSL, SDSE |
| Z2202E | E3 | 2.2 | NA | DST4,SA | IANCa, IANOa, IANWa, MNNCb, MNSOb, NCSL, SDEC, SDSE |
| Z2302SE | E3,ST | 2.3 | NA | DST5 | IANCa, IANOa, IANWa, IASCa, MNSOb, NCSL, SDEC, SDSE |

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Central and Southern Minnesota Soybean Products Tested

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—Mark Uittenbogaard, Iowa farmer



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farmers' independent
research of seed
technologies

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