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# 2020 Performance Summary

## SOUTHERN IOWA


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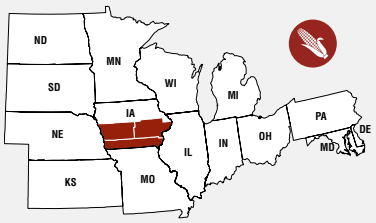
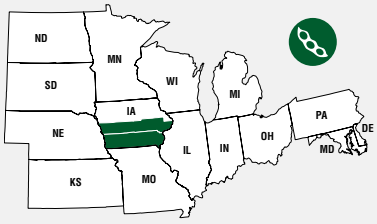
November 2020




This season really had everything you could want in the early going. Planting conditions were very favorable across the whole of southern Iowa. There were no fields that were held up by rain or any other issue. We had all of our corn plots planted by May 8, and beans by May 9.

Emergence was really good, and some timely rains helped with establishment and good stands were evident when we took counts in July. There were no problems to speak of in the crop up until late June when rainfall became less steady, and areas particularly in the Iowa West Central region saw drought conditions set in. We had very good pollination nearly everywhere. Where plots had soils that held water, the grain fill was still excellent, and above average yields seemed on track.

Then the August 10 derecho storm hit, cutting across the entire swath of regions I manage. The damage from that storm won't be soon forgotten. Nearly all plots suffered some kind of lodging or goose-necking. The plots at Bayard, Palo, Slater, and Victor were completely lost, with farmers in those areas disking in the corn. The eight soybean plots were more affected by the low rainfall than the storm.

Despite all the damage, the corn plants that stood through it were remarkably healthy, and harvest proceeded at a fast clip in some beautiful weather through early October. Overall harvest yields were good in Iowa South region, but elsewhere generally below the last 5 years due to the dry conditions, particularly in August. Soybeans were well matured at harvest, and were all cut in about a 2 week period at the beginning of October.

My thanks to the sponsors who enter their products in our independent tests. Big thanks to the plot hosts who partner with us to find sites, help manage the field, and help us deliver high quality data about the growing conditions in their area. FIRST is proud to offer this information on yield performance to help growers and seedsmen select the best products for farms in southern Iowa.

*Randy Meinsma*

# FIRST Testing Methodology and Procedures

## TESTING PROGRAM

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

Testing regions have been established to provide similarity by geography and crop maturity. Seed products within a predefined maturity range (e.g., 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.

*Figure 1*
*FIRST Corn Regions*

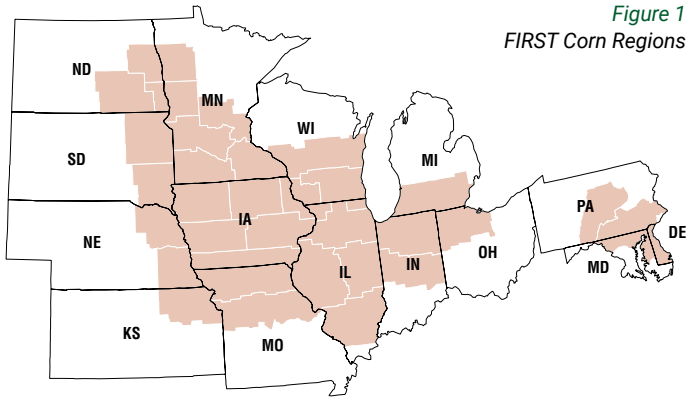
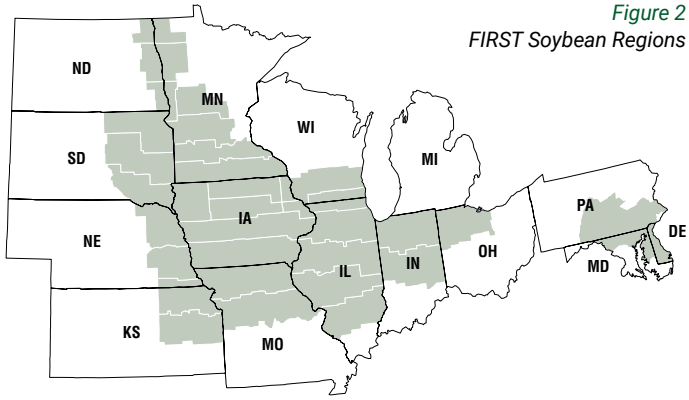



*Figure 2*
*FIRST Soybean Regions*




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

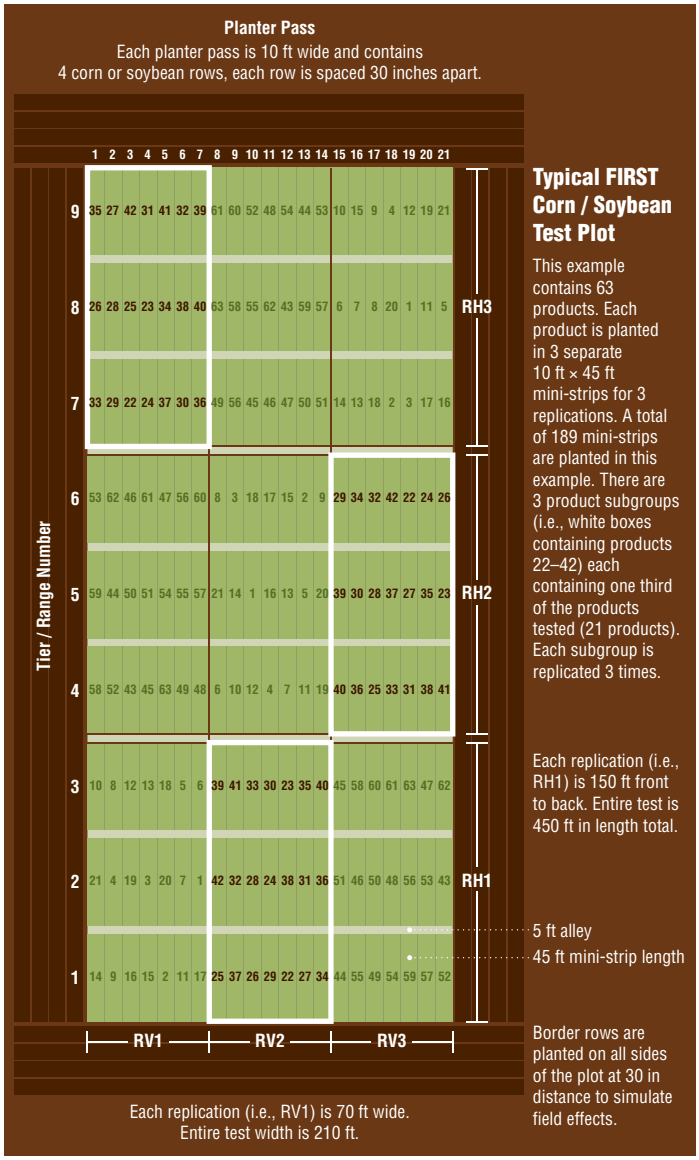
Seed companies and/or seed distributors are invited to submit their most promising seed products within specified test maturity limits to desired test regions (See pages 21–24 & 35–37). They provide high-quality seed from commercial lots and fees to enter FIRST tests. The only exceptions are check products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

Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to side. This provides more precision in yield measurement and flexibility should a disruptive event (i.e., standing water) require elimination of non-uniform test areas.

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

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

*Figure 3 FIRST Test Plot Layout*



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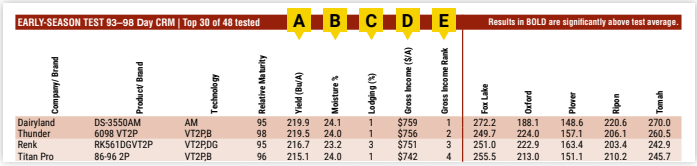
## PERFORMANCE SUMMARIES

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

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

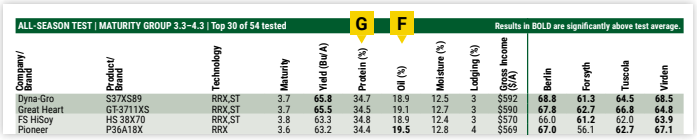
In both reports, products are first ranked by Gross Income ($/A). The 30 highest ranked Gross Income ($/A) products are sorted by Yield (Bu/A) for public presentation. Nearly all tests include more than 30 products but only the Top 30 products are reported. The Performance Summary Reports are compiled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

*Figure 4 Corn Grain Performance Summary*


EARLY-SEASON TEST 93–98 Day CRM | Top 30 of 48 tested — A B C D E — 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 | Ripon | Tomah |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dairyland | DS-3550AM | AM | 95 | 219.9 | 24.1 | 1 | $759 | 1 | 272.2 | 188.1 | 148.6 | 220.6 | 270.0 |
| Thunder | 6098 VT2P | VT2P,B | 98 | 219.5 | 24.0 | 1 | $756 | 2 | 249.7 | 224.0 | 157.1 | 206.1 | 260.5 |
| Renk | RK561DGVT2P | VT2P,DG | 95 | 216.7 | 23.2 | 3 | $751 | 3 | 251.0 | 222.9 | 163.4 | 203.4 | 242.9 |
| Titan Pro | 86-96 2P | VT2P,B | 96 | 215.1 | 24.0 | 1 | $742 | 4 | 255.5 | 213.0 | 151.1 | 210.2 | 245.7 |

*Figure 5 Soybean Performance Summary*


ALL-SEASON TEST | MATURITY GROUP 3.3–4.3 | Top 30 of 54 tested — G F — Results in BOLD are significantly above test average.

| Company / Brand | Product/ Brand | Technology | Maturity | Yield (Bu/A) | Protein (%) | Oil (%) | Moisture (%) | Lodging (%) | Gross Income ($/A) | Berlin | Forsyth | Tuscola | Virden |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dyna-Gro | S37XS89 | RRX,ST | 3.7 | **65.8** | 34.7 | 18.9 | 12.5 | 3 | $592 | **68.8** | **61.3** | **64.5** | **68.5** |
| Great Heart | GT-3711XS | RRX,ST | 3.7 | **65.5** | 34.5 | 19.1 | 12.7 | 3 | $590 | **67.8** | **62.7** | **66.8** | **64.8** |
| FS HiSoy | HS 38X70 | RRX,ST | 3.8 | 63.3 | 34.8 | 18.9 | 12.4 | 3 | $570 | 66.0 | **61.2** | 62.0 | **63.9** |
| Pioneer | P36A18X | RRX | 3.6 | 63.2 | 34.4 | **19.5** | 12.8 | 4 | $569 | **67.0** | 56.1 | **62.7** | **67.1** |

## PERFORMANCE MEASUREMENTS

**A** **Yield (Bu/A)** — Harvested grain weight and grain moisture are used to convert yield results to bushels per acre at 15% moisture (base moisture) for corn and 13% moisture for soybean. Grain shrinkage is additionally applied to product yields exceeding the base moisture.

**B** **Moisture (%)** — A calibrated electronic sensor measures moisture content of harvested grain.

**C** **Lodging (%)** — Estimated percentage of corn plants leaning more than 45° from vertical or stalks broken below the ear at harvest. Encompasses both stalk and root lodging. Estimated soybean plant leaning (0% = all plants vertical, 100% = all plants flat on the ground).

**D** **Gross Income ($/A)** — Harvested crop value in dollars per acre is derived by multiplying crop yield and price per bushel minus drying costs, if any, to reach base moisture. Each Harvest Report and Performance Summary details specific crop price and drying costs.

**E** **Gross Income Rank** — Gross Income values are sorted from high to low then numbered consecutively (1, 2, 3…) from highest to lowest value. Ties are broken based on higher yield, lower lodging and lower moisture values.

**F** **Oil (%)** — Soybean oil content at 13% grain moisture determined by near infrared reflectance spectroscopy (NIR).

**G** **Protein (%)** — Soybean protein content at 13% grain moisture determined by NIR.

## STATISTICS REPORTED

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

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

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

## OTHER INFORMATION

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

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

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

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

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

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

# TECHNOLOGY CODE LEGEND

## Product Suffix Key

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

## Corn Seed Technology Key

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

## Corn Seed Treatment Key

| ABBREVIATION | DESCRIPTION |
|---|---|
| **na** | not available |
| **AC** | Acceleron®, unspecified |
| **AC250,In** | Acceleron® 250, Intego |
| **AC250** | Acceleron® 250 |
| **AC,P1** | Acceleron® 1250 |
| **AC,P2** | Acceleron® Poncho 250 |
| **PC,P2,B360** | Acceleron® Poncho 250 with B-360 SAT |
| **AC,P2,MAG** | Acceleron® 250, Federal ArmourGuard |
| **AC,P2,St,SU** | Acceleron® 250, Stamina, StepUp |
| **AC,P2V** | Acceleron® Poncho 250/Votivo |
| **AC,P5** | Acceleron® Poncho 500 |
| **AC,P5,B360** | Acceleron® Poncho 500 with B-360 SAT |
| **AC,P5,St,SU** | Acceleron® Poncho 500, Stamina, StepUp |
| **AC,P5V** | Acceleron®,Poncho 500/Votivo |
| **AC,P5V,B-300** | Acceleron® Poncho 500/Votivo with B-300 SAT |
| **AC,P5V,B360** | Acceleron® Poncho 500/Votivo with B-360 SAT |
| **AC,P5V,EDC-B** | Acceleron®,Basic Poncho 500/Votivo with Enhanced Disease Control |
| **AC,P5V,EDC-EL** | Acceleron®,Elite Poncho 500/Votivo with Enhanced Disease Control |
| **AC,P5V,St,SU** | Acceleron® Poncho 500/Votivo, Stamina, StepUp |
| **ACi** | ACi Acceleron® Standard Insecticide-Fungicide |
| **ACb** | Acceleron® B-300 SAT |
| **AVC** | Avicta® Complete Corn |
| **AVC,C1** | Avicta® Complete 1250 |
| **AVC,C2** | Avicta® Complete 250 |
| **AVC,C2,St,SU** | Avicta® Complete 250, Stamina, StepUp |
| **AVC,C2,Vi** | Avicta® Complete 250, Vibrance® |
| **AVC,C2,Vi,St,SU** | Avicta® Complete 250, Vibrance®, Stamina, StepUp |
| **AVC,C5** | Avicta® Complete 500 |
| **AVC,C5,Vi** | Avicta® Complete 500, Vibrance® |
| **BPS** | Burrus PowerShield |
| **C2** | Cruiser® 250 |
| **CM,C1** | CruiserMaxx® 1250 |
| **CM,C2** | CruiserMaxx® 250 |
| **CM,C2,Sb** | CruiserMaxx® 250, SabrEx Innoculant |
| **CM,C2,St,SU** | CruiserMaxx® 250, Stamina, StepUp |
| **CM,C2,Vi** | CruiserMaxx® 250 with Vibrance® |
| **CM,C5** | CruiserMaxx® 500 |
| **CM,C5,Vi** | CruiserMaxx® 500 with Vibrance® |
| **CM,MQ,C2** | CruiserMaxx® Cruiser® 250, Maxim® Quattro |
| **HC** | Hefty Complete |
| **Lum** | LumiGEN™ |
| **Lum,P1V** | LumiGEN Poncho 1250/Votivo |
| **Lum,P5V** | LumiGEN Poncho 500/Votivo |
| **MQ** | Maxim® Quattro |
| **MQ,P1V** | Maxim® Quattro, Poncho 1250/Votivo |
| **MSC** | Miller Hybrids ShieldCoat™, Vertex |
| **P1** | Poncho 1250 |
| **P1V** | Poncho 1250/Votivo |
| **P1V,Lu** | Poncho 1250/Votivo, Lumisena™ |
| **P5** | Poncho 500 |
| **P5V** | Poncho 500/Votivo |
| **SU,St** | StepUpZn, Stamina |
| **ZN** | Winfield United Advanced Coating® Zn |

## Soybean Seed Technology Key

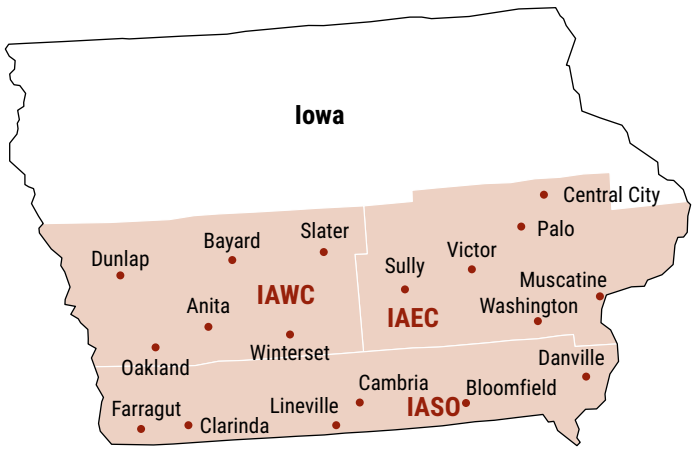
| CODE | DESCRIPTION |
|---|---|
| **E** | Enlist (2,4-D, glyphosate) |
| **E3** | Enlist E3™ (2,4-D, glyphosate, LL) |
| **G27** | GT27 (glyphosate, isoxaflutole) |
| **LG27** | LibertyLink® GT27™ |
| **LL** | LibertyLink® |
| **LL,ST** | LibertyLink®, sulfonylurea tolerant |
| **None** | no trait,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

## Soybean Seed Treatment Key

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

## Soybean Cyst Nematode (SCN) Resistance Rating

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




## Site Description: IAWC *(See corn results table on page 6)*

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Anita | Ryan Rich | sandy clay loam | no-till | soybean | 195 | 25-Apr | 29-Oct | 31.9 | 230.4 | 241 | 6 |
| Bayard | Mike Hagan | loam | no-till | soybean | — | 25-Apr | — | — | — | — | — |
| Dunlap | Brandon McHugh | silt loam | minimum | corn | 200 | 05-May | 02-Nov | 33.6 | 221.3 | 211.6 | 11 |
| Oakland | Mark & Keith Bentley | silty clay loam | no-till | soybean | 200 | 06-May | 03-Nov | 33.4 | 257.5 | 214.5 | 9 |
| Slater | Jason Krause | loam | no-till | soybean | — | 26-Apr | — | — | — | 205.7 | 13 |
| Winterset | Mike Erdman | silty clay loam | no-till | soybean | 164 | 07-May | 21-Oct | 32.3 | 203.6 | 191 | 11 |
| | | | | | | | | | IAWC | 203.9 | 21 |

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

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Central City | Jim Greif | loam | no-till | soybean | 170 | 27-Apr | 28-Oct | 32.8 | 221.7 | 206 | 17 |
| Muscatine | Diaan Roos | silt loam | conventional | corn | 198 | 23-Apr | 24-Sep | 32.3 | 224.4 | 216.1 | 9 |
| Palo | Jason Kwapil | loam | no-till | soybean | — | 30-Apr | — | — | — | 204.5 | 8 |
| Sully | Lawrence & Mike Van Zee | silt loam | no-till | soybean | 179 | 26-Apr | 9-Oct | 32.7 | 217.2 | 222.1 | 9 |
| Victor | Dan DeRycke | silt loam | no-till | soybean | — | 03-May | — | — | — | 224.6 | 12 |
| Washington | Tom Vittetoe | silty clay loam | no-till | soybean | 196 | 27-Apr | 12-Oct | 32.9 | 237.8 | 222.9 | 17 |
| | | | | | | | | | IAEC | 207.7 | 21 |

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

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average | | Yield History | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Stand × 1,000 | Yield | Bu/A | Years |
| Bloomfield | David & Ray Boas | silt loam | no-till | soybean | 180 | 01-May | 01-Oct | 32.1 | 211.1 | 210.9 | 2 |
| Cambria | Dan Allred | silt loam | conventional | soybean | 225 | 08-May | 31-Oct | 32.5 | 228.6 | 208 | 2 |
| Clarinda | Mike & Ben Vardaman | silty clay loam | no-till | soybean | 187 | 24-Apr | 24-Oct | 32.4 | 215.9 | 196 | 4 |
| Danville | Matt & Tom Parrott | — | — | — | — | — | — | — | — | 227.4 | 7 |
| Farragut | Steve Lorimor | silt loam | no-till | soybean | 190 | 24-Apr | 23-Oct | 32.1 | 252.3 | 215.2 | 9 |
| Lineville | Bradley Vogel | silt loam | conventional | soybean | 240 | 08-May | 30-Oct | 32.4 | 182.7 | 195.5 | 4 |
| | | | | | | | | | IASO | 216.2 | 4 |

## CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2016–2020

| FIRST Region | Average Yield by Year (Bu/A) | | | | | Since Inception | |
|---|---|---|---|---|---|---|---|
| | 2020 | 2019 | 2018 | 2017 | 2016 | Bu/A | #Years |
| IAWC | 242.4 | 238.6 | 214.3 | 226.2 | 225.4 | 203.9 | 21 |
| IAEC | 225.3 | 232.9 | 255.8 | 248.5 | 230.2 | 207.7 | 21 |
| IASO | 222.0 | 202.1 | 216.3 | 224.7 | — | 216.2 | 4 |

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

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

**EARLY-SEASON TEST 105–110 Day CRM | Top 30 of 49 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 | Anita | Bayard* | Dunlap | Oakland | Slater* | Winterset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOEGEMEYER | 8009YHR | AM | 110 | **245.5** | 14.3 | 4 | $952 | 1 | 236.3 | — | **269.3** | **267.6** | — | 208.8 |
| DYNA-GRO | D50VC78 | VT2P | 110 | **244.7** | 13.9 | 1 | $949 | 2 | 231.7 | — | **240.3** | **275.7** | — | **230.9** |
| RENK | RK805VT2P | VT2P | 110 | **243.0** | 14.1 | 2 | $943 | 3 | **242.4** | — | **243.2** | **274.7** | — | 211.8 |
| LATHAM | LH 5847 VT2P RIB | VT2P,B | 108 | **240.2** | 14.5 | 2 | $931 | 7 | **246.5** | — | 229.3 | 258.4 | — | **226.8** |
| INTEGRA | 5939 STXRIB | STX,B | 109 | **240.0** | 14.5 | 5 | $931 | 5 | **238.4** | — | **246.4** | **262.5** | — | 212.7 |
| AUGUSTA | 1059 | 3110 | 109 | **240.0** | 13.9 | 4 | $931 | 6 | 227.8 | — | **239.7** | 255.4 | — | **237.0** |
| KRUGER | K1005DP | VT2P,B | 110 | **239.8** | 14.3 | 2 | $929 | 8 | 231.8 | — | **241.8** | 253.7 | — | **231.8** |
| HOEGEMEYER | 8084AM | AM,B | 110 | **239.0** | 14.7 | 2 | $927 | 9 | **245.2** | — | 223.1 | 258.8 | — | **229.0** |
| INTEGRA | 6061 VT2PRIB | VT2P | 110 | 237.6 | 14.4 | 4 | $921 | 10 | **238.9** | — | 226.1 | 259.6 | — | **225.8** |
| KRUGER | K0917SS | STX,B | 109 | 237.3 | 13.9 | 2 | $921 | 11 | **238.8** | — | **237.2** | 256.0 | — | **217.4** |
| LATHAM | LH 5725 VT2P RIB | VT2P,B | 107 | 234.7 | 13.8 | 1 | $911 | 12 | 227.8 | — | **247.2** | 252.2 | — | 211.5 |
| HOEGEMEYER | 7990Q | QR,B | 109 | 234.0 | 13.7 | 2 | $908 | 13 | **241.3** | — | 233.4 | **265.2** | — | 196.3 |
| RENK | RK700SSTX | STX | 107 | 234.0 | 13.9 | 2 | $908 | 14 | 227.7 | — | **246.1** | **266.8** | — | 195.3 |
| NK BRAND | NK1026-3330-EZR | 3330,B | 110 | 233.8 | 14.6 | 2 | $905 | 16 | 230.9 | — | 231.2 | 244.7 | — | **228.6** |
| KRUGER | K0915DD | VT2PDG,B | 109 | 233.8 | 14.1 | 2 | $907 | 15 | 214.5 | — | **235.1** | **272.9** | — | 212.7 |
| GOLDEN HARVEST | G10D21-3330-EZR | 3330,B | 110 | 233.1 | 14.7 | 2 | $903 | 18 | 218.2 | — | **235.8** | 256.1 | — | **222.3** |
| HOEGEMEYER | 7869AM | AM,B | 108 | 233.1 | 13.7 | 2 | $904 | 17 | 229.9 | — | **240.2** | 255.6 | — | 206.5 |
| WYFFELS | W5086RIB | VT2P,B | 107 | 230.8 | 13.9 | 1 | $895 | 19 | **238.8** | — | 214.8 | 253.2 | — | 216.3 |
| WYFFELS | W5516RIB | VT2P,B | 108 | 230.3 | 14.1 | 1 | $894 | 20 | 225.2 | — | 220.9 | 260.0 | — | 215.0 |
| FS INVISION | FS 5892V RIB | VT2P,B | 108 | 229.6 | 13.8 | 5 | $891 | 21 | 216.0 | — | 219.6 | **267.3** | — | 215.3 |
| DYNA-GRO | D49VC70 | VT2P | 109 | 229.5 | 14.2 | 3 | $891 | 22 | 230.6 | — | 219.0 | **270.9** | — | 197.6 |
| KRUGER | K0708DT | TRE,B | 107 | 229.5 | 13.9 | 2 | $891 | 23 | 236.1 | — | 223.0 | 257.1 | — | 201.9 |
| FS INVISION | FS 60UX1 RIB | STX,B | 110 | 229.2 | 14.6 | 2 | $888 | 24 | **251.7** | — | 211.6 | 245.1 | — | 208.4 |
| GOLDEN HARVEST | G10L16-5222A-EZR | 5222A,B | 110 | 228.7 | 14.3 | 9 | $886 | 25 | **240.6** | — | 228.7 | 254.8 | — | 190.7 |
| KRUGER | K0807SS | STX,B | 108 | 228.2 | 14.1 | 2 | $886 | 26 | 232.2 | — | 218.8 | 253.9 | — | 208.0 |
| INTEGRA | 5719 VT2PRIB | VT2P,B | 107 | 228.1 | 13.7 | 1 | $886 | 27 | **237.5** | — | 230.1 | 242.5 | — | 202.5 |
| WYFFELS | W6408RIB | STX,B | 110 | 227.5 | 14.3 | 1 | $882 | 28 | 230.7 | — | 216.6 | 245.6 | — | **217.0** |
| TITAN PRO | 23-06 SS | STX,B | 106 | 226.5 | 14.3 | 2 | $879 | 29 | 233.0 | — | 219.9 | 242.7 | — | 210.3 |
| TITAN PRO | 94-09 2P | VT2P,B | 109 | 226.4 | 14.7 | 1 | $876 | 30 | 219.5 | — | 214.7 | 254.2 | — | **217.1** |
| FS INVISION | FS 5594X RIB | STX,B | 105 | 225.7 | 14.2 | 1 | $876 | 31 | 223.8 | — | 228.8 | 245.6 | — | 204.5 |
| PIONEER | P1185AM CK | AM,B | 111 | **242.8** | 14.5 | 2 | $942 | 4 | 230.2 | — | **253.6** | **264.8** | — | **222.8** |
| Averages = | | | | 228.5 | | | $14 | 3 | 227.2 | | 225.6 | 252.1 | | 209.5 |
| LSD (0.10) = | | | | 9.9 | | | $0 | 3.1 | 10.2 | | 7.9 | 8.0 | | 7.3 |

**FULL-SEASON TEST 111–115 Day CRM | Top 30 of 49 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 | Anita | Bayard* | Dunlap | Oakland | Slater* | Winterset |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FS INVISION | FS 6595V RIB | VT2P,B | 115 | **249.6** | 15.8 | 1 | $963 | 1 | **258.4** | — | **234.8** | **283.4** | — | **221.6** |
| CHANNEL | 214-78DGVT2PRIB GC | VT2PDG,B | 114 | **247.9** | 15.4 | 2 | $959 | 2 | **250.1** | — | 222.7 | **291.3** | — | **227.6** |
| KRUGER | K1501DP | VT2P,B | 115 | **241.7** | 15.7 | 2 | $933 | 4 | **257.2** | — | 210.7 | **287.5** | — | **211.2** |
| INTEGRA | 6588 VT2PRIB | VT2P,B | 115 | 238.7 | 16.6 | 2 | $918 | 7 | **249.3** | — | 219.6 | **280.6** | — | 205.4 |
| FS INVISION | FS 6395VDG RIB | VT2PDG,B | 113 | 238.6 | 15.2 | 1 | $923 | 5 | 241.6 | — | **240.6** | 264.6 | — | 207.6 |
| RENK | RK882SSTX | STX | 111 | 237.8 | 15.1 | 1 | $920 | 6 | 233.5 | — | **226.5** | 269.4 | — | **221.8** |
| INTEGRA | 6533 VT2PRIB | VT2P,B | 115 | 237.1 | 16.2 | 2 | $913 | 8 | **267.0** | — | 210.5 | 263.1 | — | 207.9 |
| DYNA-GRO | D54VC34 | VT2P | 114 | 234.4 | 15.4 | 4 | $907 | 11 | **243.9** | — | 223.5 | **281.1** | — | 189.0 |
| MYCOGEN | MY2470AML GC | AML | 114 | 234.3 | 15.1 | 2 | $908 | 9 | 238.1 | — | **227.5** | 267.6 | — | 203.9 |
| CHANNEL | 213-93STXRIB GC | STX,B | 113 | 234.2 | 15.2 | 2 | $906 | 12 | 237.9 | — | **232.2** | 248.0 | — | **218.5** |
| WYFFELS | W7876RIB | VT2P,B | 114 | 234.1 | 14.9 | 1 | $907 | 10 | **245.2** | — | 213.6 | 268.4 | — | **209.0** |
| MYCOGEN | MY1201Q GC | QR | 112 | 234.0 | 15.1 | 1 | $906 | 13 | 240.8 | — | **229.6** | 254.8 | — | **210.9** |
| FS INVISION | FS 6406X RIB | STX,B | 114 | 233.6 | 15.7 | 2 | $902 | 14 | 240.3 | — | 212.9 | **275.9** | — | 205.1 |
| MYCOGEN | MY1404AM GC | AM | 114 | 232.2 | 15.5 | 4 | $898 | 17 | **242.8** | — | **227.9** | 266.0 | — | 191.9 |
| WYFFELS | W7956RIB | VT2P,B | 114 | 232.0 | 15.2 | 2 | $898 | 16 | **251.6** | — | 208.9 | 256.3 | — | **211.1** |
| DYNA-GRO | D51VC41 | VT2P | 111 | 231.9 | 14.3 | 2 | $899 | 15 | 208.1 | — | **229.2** | 267.7 | — | **222.7** |
| LATHAM | LH 6477 VT2P RIB | VT2P,B | 114 | 231.4 | 16.4 | 2 | $890 | 21 | **255.3** | — | 211.2 | **274.3** | — | 184.9 |
| HOEGEMEYER | 8235Q | QR,B | 112 | 231.1 | 15.0 | 1 | $895 | 18 | 238.9 | — | 223.3 | 261.6 | — | 200.6 |
| RENK | RK945SSTX | STX,B | 115 | 230.8 | 15.7 | 1 | $891 | 20 | **248.1** | — | 211.4 | 255.9 | — | 207.9 |
| KRUGER | K1237DT | TRE,B | 112 | 230.2 | 14.7 | 2 | $892 | 19 | 237.5 | — | 217.9 | 268.4 | — | 196.9 |
| FS INVISION | FS 6106X RIB | STX,B | 111 | 229.9 | 15.0 | 2 | $889 | 22 | **247.5** | — | **227.7** | 254.6 | — | 189.6 |
| RENK | RK937VT2P | VT2P,B | 113 | 229.3 | 14.7 | 2 | $889 | 23 | **252.2** | — | 214.1 | 263.0 | — | 187.7 |
| KRUGER | K4R-9111 | STX,B | 111 | 229.0 | 15.2 | 2 | $886 | 24 | 233.4 | — | 209.8 | 257.3 | — | **215.4** |
| WYFFELS | W7726RIB | VT2P,B | 113 | 228.3 | 15.5 | 1 | $882 | 25 | 220.8 | — | **232.8** | 263.4 | — | 196.1 |
| WYFFELS | W6978 | STX | 111 | 226.8 | 15.0 | 1 | $877 | 26 | 237.9 | — | 212.5 | 250.3 | — | 206.4 |
| HOEGEMEYER | 8188Q | QR,B | 111 | 226.3 | 14.9 | 2 | $877 | 27 | 230.8 | — | **230.3** | 256.5 | — | 187.6 |
| RENK | RK866DGVT2P | VT2PDG | 112 | 226.0 | 14.4 | 4 | $877 | 28 | 224.3 | — | **230.5** | 262.3 | — | 187.2 |
| INTEGRA | 6284 VT2PRIB | VT2P,B | 112 | 226.0 | 15.2 | 2 | $875 | 29 | 240.3 | — | 199.7 | 270.2 | — | 193.9 |
| RENK | RK945DGVT2P | VT2PDG,B | 115 | 226.0 | 15.4 | 1 | $873 | 30 | 222.1 | — | 207.6 | **276.5** | — | 197.7 |
| WYFFELS | W6906 | VT2P | 111 | 224.7 | 14.4 | 1 | $872 | 31 | 222.7 | — | 217.1 | 260.0 | — | 199.1 |
| PIONEER | P1185AM CK | AM,B | 111 | **242.1** | 14.7 | 2 | $939 | 3 | 234.9 | — | **245.9** | 266.9 | — | **220.7** |
| Averages = | | | | 227.9 | | | $15 | 2 | 233.6 | | 217.0 | 262.8 | | 199.0 |
| LSD (0.10) = | | | | 11.7 | | | $0 | 3.5 | 8.6 | | 7.7 | 8.5 | | 9.0 |

* Bayard and Slater: lost to severe wind damage.

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

**EARLY-SEASON TEST 105–110 Day CRM | Top 30 of 54 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 | Central City | Muscatine | Palo* | Sully | Victor* | Washington |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NUTECH | 70A8AM | AM,B | 110 | **258.8** | 17.9 | 1 | $851 | 1 | **240.4** | **257.0** | — | **249.4** | — | **288.5** |
| NK BRAND | NK1082-5222A-EZR | 5222A,B | 110 | **241.8** | 18.5 | 19 | $792 | 3 | 214.9 | **250.1** | — | **222.6** | — | **279.4** |
| MIDWEST GENETICS | MW09-79 VT2P GC | VT2P | 109 | **239.2** | 17.9 | 2 | $787 | 4 | **242.5** | **239.4** | — | 214.7 | — | **260.1** |
| WYFFELS | W5086RIB | VT2P,B | 107 | 236.7 | 17.5 | 1 | $780 | 6 | **247.1** | **249.3** | — | 214.5 | — | 235.8 |
| ARMOR | A1029 | VT2P | 110 | 236.6 | 18.4 | 6 | $775 | 10 | **235.5** | **248.3** | — | 220.0 | — | 242.6 |
| NK BRAND | NK0886-5122-EZR | 5122,B | 108 | 235.9 | 18.7 | 12 | $771 | 12 | 219.2 | **249.7** | — | 211.1 | — | **263.7** |
| KRUGER | K0915DD | VT2PDG,B | 109 | 235.9 | 17.6 | 2 | $777 | 7 | **249.0** | **242.6** | — | 219.0 | — | 232.9 |
| LATHAM | LH 5725 VT2P RIB | VT2P,B | 107 | 235.6 | 16.9 | 2 | $781 | 5 | **247.6** | 212.9 | — | **239.4** | — | 242.6 |
| TITAN PRO | 94-09 2P | VT2P,B | 109 | 235.1 | 18.4 | 1 | $770 | 13 | **240.9** | 229.2 | — | **222.0** | — | 248.2 |
| NUTECH | 68A7AM | AM,B | 107 | 235.0 | 17.6 | 15 | $775 | 9 | 214.5 | 213.6 | — | **248.9** | — | **263.2** |
| LATHAM | LH 5965 VT2P RIB | VT2P,B | 109 | 234.8 | 17.1 | 12 | $777 | 8 | **237.4** | **247.7** | — | 213.8 | — | 240.5 |
| GOLDEN HARVEST | G10L16-5222A-EZR | 5222A,B | 110 | 234.6 | 19.1 | 22 | $764 | 14 | 212.3 | **240.5** | — | **223.3** | — | **262.3** |
| KRUGER | K0708DT | TRE,B | 107 | 234.2 | 17.1 | 2 | $774 | 11 | **233.2** | **240.6** | — | 217.1 | — | 245.8 |
| NK BRAND | NK1026-3330-EZR | 3330,B | 110 | 231.0 | 18.0 | 3 | $759 | 17 | 224.1 | 211.3 | — | 221.9 | — | **266.6** |
| DYNA-GRO | D50VC78 | VT2P | 110 | 230.7 | 18.0 | 3 | $758 | 18 | **253.3** | 232.2 | — | 208.0 | — | 229.2 |
| NUTECH | 68B3VYHR | OL,B | 108 | 230.7 | 17.5 | 4 | $761 | 16 | 212.3 | 233.9 | — | **223.2** | — | 253.3 |
| WYFFELS | W4196RIB | VT2P,B | 105 | 230.0 | 16.9 | 2 | $762 | 15 | 226.2 | 232.0 | — | **228.6** | — | 233.4 |
| WYFFELS | W6408RIB | STX,B | 110 | 229.4 | 18.1 | 2 | $753 | 22 | 219.1 | 228.9 | — | 218.8 | — | 251.0 |
| CORNELIUS | C7004DP | VT2P | 110 | 229.1 | 17.6 | 2 | $756 | 20 | **239.7** | 209.1 | — | 213.2 | — | **254.5** |
| RENK | RK765VT2PRIB | VT2P,B | 109 | 228.2 | 17.1 | 2 | $755 | 21 | 218.9 | 229.7 | — | **224.9** | — | 239.4 |
| RENK | RK710DGVT2P | VT2PDG,B | 106 | 228.0 | 16.6 | 2 | $757 | 19 | 230.4 | 228.2 | — | 218.7 | — | 234.6 |
| FS INVISION | FS 60UX1 RIB | STX,B | 110 | 227.7 | 17.2 | 6 | $753 | 23 | **245.1** | 204.4 | — | 213.8 | — | 247.6 |
| LG SEEDS | LG59C72VT2PRIB GC | VT2P,B | 109 | 227.7 | 17.3 | 5 | $753 | 24 | **243.5** | 204.1 | — | 206.0 | — | **257.0** |
| RENK | RK805VT2P | VT2P | 110 | 227.5 | 18.0 | 4 | $748 | 29 | 227.8 | 225.2 | — | 213.0 | — | 243.9 |
| INTEGRA | 6061 VT2PRIB | VT2P | 110 | 227.4 | 18.5 | 12 | $745 | 30 | 215.4 | 218.2 | — | **239.1** | — | 237.0 |
| RENK | RK726H | PC | 106 | 227.3 | 17.3 | 3 | $751 | 26 | **245.7** | 217.6 | — | 194.0 | — | 251.8 |
| INTEGRA | 5719 VT2PRIB | VT2P,B | 107 | 227.0 | 16.9 | 5 | $752 | 25 | **240.3** | 218.9 | — | **224.3** | — | 224.7 |
| KRUGER | K0807SS | STX,B | 108 | 227.0 | 17.1 | 3 | $750 | 27 | 215.8 | **243.5** | — | 219.7 | — | 229.0 |
| NUTECH | 70F2Q | QR,B | 110 | 226.6 | 17.9 | 13 | $744 | 31 | 193.3 | **240.7** | — | 217.2 | — | **255.0** |
| INTEGRA | 5939 STXRIB | STX,B | 109 | 226.4 | 17.3 | 6 | $748 | 28 | 228.8 | 222.0 | — | 215.5 | — | 239.4 |
| PIONEER | P1185AM CK | AM,B | 111 | **247.9** | 18.2 | 8 | $813 | 2 | **238.5** | **244.6** | — | **224.5** | — | **283.8** |
| Averages = | | | | 225.8 | | | $17 | 7 | 224.6 | 224.3 | | 211.7 | | 242.7 |
| LSD (0.10) = | | | | 12.0 | | | $1 | 8.4 | 8.5 | 13.9 | | 10.2 | | 11.1 |

**FULL-SEASON TEST 111–115 Day CRM | Top 30 of 63 tested** — Results in BOLD are significantly above test average.

| Company/ Brand | Product/ Brand | Technology | Relative Maturity | Yield (Bu/A) | Moisture (%) | Lodging (%) | Gross Income ($/A) | Gross Income Rank | Central City | Muscatine | Palo* | Sully | Victor* | Washington |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NUTECH | 72B7CYFR | QR | 112 | **243.6** | 19.5 | 3 | $791 | 1 | 213.6 | **238.4** | — | **239.7** | — | **282.6** |
| NUTECH | 74B6AM | AM,B | 114 | **242.3** | 20.1 | 9 | $783 | 3 | 225.0 | **240.9** | — | **235.9** | — | **267.5** |
| CORNELIUS | C7366DGDP | VT2PDG | 113 | **240.6** | 20.9 | 1 | $773 | 4 | **250.2** | **236.3** | — | **235.5** | — | 240.3 |
| FS INVISION | FS 6395VDG RIB | VT2PDG,B | 113 | **237.9** | 20.7 | 3 | $765 | 5 | **237.5** | **234.9** | — | **250.1** | — | 229.2 |
| WYFFELS | W7956RIB | VT2P,B | 114 | **236.8** | 22.1 | 1 | $754 | 7 | **240.3** | 232.8 | — | **232.8** | — | 241.3 |
| TITAN PRO | 82-14 2P | VT2P,B | 114 | **236.5** | 22.3 | 1 | $752 | 11 | **236.1** | **241.7** | — | 213.2 | — | **255.1** |
| NK BRAND | NK1460-5222-EZR | 5222,B | 114 | 236.0 | 21.1 | 6 | $757 | 6 | 229.2 | 228.6 | — | **230.4** | — | **255.8** |
| TITAN PRO | TP 74-12 SS | STX,B | 112 | 233.7 | 20.4 | 1 | $754 | 8 | 219.6 | 230.2 | — | 223.9 | — | **260.9** |
| WYFFELS | W7876RIB | VT2P,B | 114 | 233.1 | 22.5 | 6 | $739 | 13 | 218.3 | 231.3 | — | **238.3** | — | 244.3 |
| DEKALB | DKC61-41RIB GC | VT2P,B | 111 | 232.2 | 19.6 | 1 | $753 | 9 | 218.0 | **237.1** | — | **236.8** | — | 236.8 |
| WYFFELS | W6826RIB | VT2P,B | 111 | 231.5 | 19.3 | 4 | $753 | 10 | **231.8** | **237.2** | — | 218.1 | — | 238.8 |
| INTEGRA | 6588 VT2PRIB | VT2P,B | 115 | 230.6 | 22.9 | 5 | $729 | 21 | 212.8 | 220.5 | — | 225.1 | — | **263.8** |
| RENK | RK882SSTX | STX | 111 | 230.0 | 21.2 | 8 | $737 | 14 | 206.7 | **247.0** | — | **236.2** | — | 229.9 |
| PROHARVEST | 8360 VT2PRIB | VT2P,B | 113 | 229.1 | 21.3 | 2 | $735 | 15 | 228.1 | 210.6 | — | **237.0** | — | 240.8 |
| GOLDEN HARVEST | G13T41-3120-EZR | 3120,B | 113 | 228.8 | 21.6 | 2 | $731 | 18 | 215.9 | 233.0 | — | 219.3 | — | **247.1** |
| WYFFELS | W6978 | STX | 111 | 228.6 | 19.9 | 1 | $740 | 12 | 220.7 | 223.5 | — | 221.3 | — | **249.0** |
| GOLDEN HARVEST | G14N11-5222-EZR | 5222,B | 114 | 228.5 | 21.4 | 6 | $732 | 17 | 225.5 | 224.5 | — | 217.2 | — | **247.0** |
| MIDWEST GENETICS | MW15-49 DGVT2P GC | VT2PDG | 115 | 227.1 | 21.8 | 1 | $725 | 25 | **232.4** | 214.3 | — | **231.7** | — | 230.1 |
| NK BRAND | NK1354-5222-EZR | 5222,B | 113 | 226.9 | 21.5 | 4 | $727 | 24 | **231.0** | 217.4 | — | 208.7 | — | **250.5** |
| PROHARVEST | 8324 VT2PRIB | VT2P,B | 113 | 226.4 | 20.5 | 3 | $730 | 19 | **238.1** | 216.8 | — | 217.1 | — | 233.5 |
| INTEGRA | 6410 VT2PRIB | VT2P,B | 114 | 226.2 | 20.5 | 9 | $728 | 22 | 212.5 | **245.3** | — | 228.7 | — | 218.2 |
| FS INVISION | FS 6106X RIB | STX,B | 111 | 226.0 | 19.7 | 2 | $733 | 16 | 219.3 | **240.1** | — | 208.2 | — | 236.5 |
| CORNELIUS | C7308SS | STX | 113 | 226.0 | 21.1 | 3 | $725 | 28 | 220.7 | **239.1** | — | 217.1 | — | 227.1 |
| KRUGER | K4R-9111 | STX,B | 111 | 225.9 | 21.3 | 1 | $724 | 30 | 219.0 | 218.3 | — | 226.1 | — | 240.1 |
| PROHARVEST | 84P93 SSTXRIB | STX,B | 114 | 225.7 | 21.4 | 2 | $724 | 31 | 228.7 | 199.6 | — | **232.9** | — | 241.6 |
| NUTECH | 71F5CYFR | QR | 111 | 225.5 | 19.9 | 5 | $730 | 20 | 226.5 | 222.3 | — | **233.0** | — | 220.3 |
| INTEGRA | 6284 VT2PRIB | VT2P,B | 112 | 225.4 | 20.3 | 4 | $728 | 23 | 229.4 | 213.2 | — | 221.7 | — | 237.2 |
| GOLDEN HARVEST | G13Z50-3220-EZR | 3220,B | 113 | 224.5 | 20.2 | 3 | $725 | 27 | 227.6 | **235.4** | — | 209.0 | — | 226.1 |
| FS INVISION | FS 6406X RIB | STX,B | 114 | 224.0 | 20.0 | 6 | $725 | 26 | 225.9 | 225.9 | — | 219.5 | — | 224.7 |
| AUGUSTA | 6162 | 3220,B | 112 | 223.9 | 20.1 | 2 | $725 | 29 | 227.3 | 210.9 | — | 219.1 | — | 238.5 |
| PIONEER | P1185AM CK | AM,B | 111 | **241.3** | 19.5 | 2 | $784 | 2 | **231.7** | 234.5 | — | 215.3 | — | **283.9** |
| Averages = | | | | 224.8 | | | $21 | 5 | 219.3 | 224.5 | | 221.8 | | 233.6 |
| LSD (0.10) = | | | | 11.6 | | | $1 | 5.5 | 10.3 | 10.1 | | 8.4 | | 12.4 |

* Palo and Victor: lost to severe wind damage.

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

**EARLY-SEASON TEST 106–111 Day CRM | Top 30 of 45 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 | Bloomfield | Cambria | Clarinda | Danville* | Farragut | Lineville# |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FS INVISION | FS 6107T RIB | TRE,B | 111 | **239.1** | 14.1 | 1 | $796 | 2 | **226.7** | 232.9 | **232.7** | — | **264.2** | 127.1 |
| NK BRAND | NK0821-3120A-EZR | 3120A,B | 108 | 235.9 | 13.8 | 1 | $785 | 3 | 195.9 | **262.8** | **230.4** | — | 254.6 | 143.0 |
| MIDWEST GENETICS | MW11-15 SSRIB GC | STX,B | 108 | 233.9 | 14.6 | 1 | $774 | 4 | **247.6** | 228.7 | 203.8 | — | 255.6 | 124.5 |
| WYFFELS | W6906 | VT2P | 111 | 233.4 | 14.8 | 1 | $773 | 5 | 214.8 | 231.6 | **225.3** | — | **262.1** | 153.8 |
| INTEGRA | 6181 3010A | 3010A | 111 | 232.2 | 14.3 | 4 | $770 | 6 | 204.7 | 244.8 | 205.1 | — | **274.3** | 154.6 |
| GOLDEN HARVEST | G10L16-5222A-EZR | 5222A,B | 110 | 231.7 | 14.5 | 1 | $768 | 8 | 206.6 | 216.9 | **240.2** | — | **263.2** | **208.7** |
| KRUGER | K1005DP | VT2P,B | 110 | 231.7 | 14.4 | 1 | $768 | 7 | 217.2 | 222.3 | **238.5** | — | 248.7 | 147.5 |
| RENK | RK805VT2P | VT2P | 110 | 231.5 | 14.4 | 1 | $768 | 9 | 221.1 | 246.5 | 207.0 | — | 251.6 | 169.6 |
| PIONEER | P1108Q GC | QR,B | 111 | 230.4 | 14.4 | 1 | $764 | 11 | 220.6 | 226.5 | 213.5 | — | 260.8 | **204.5** |
| INTEGRA | 5939 STXRIB | STX,B | 109 | 230.0 | 14.5 | 1 | $763 | 13 | 215.3 | 217.3 | 218.9 | — | **268.3** | 135.2 |
| TITAN PRO | 94-09 2P | VT2P,B | 109 | 230.0 | 14.4 | 1 | $762 | 14 | 208.3 | 233.9 | **226.2** | — | 251.5 | 106.2 |
| DYNA-GRO | D51VC41 | VT2P | 111 | 230.0 | 14.1 | 1 | $764 | 10 | 206.4 | 214.8 | **227.6** | — | **271.0** | 70.9 |
| RENK | RK807SSTXRIB | STX,B | 111 | 229.7 | 14.4 | 1 | $762 | 15 | 219.0 | 195.1 | **241.2** | — | **263.6** | 155.0 |
| KRUGER | K0915DD | VT2PDG,B | 109 | 229.1 | 13.7 | 1 | $763 | 12 | 195.9 | **247.7** | 210.1 | — | **262.7** | 131.5 |
| RENK | RK882SSTX | STX | 111 | 228.9 | 14.4 | 1 | $760 | 16 | 220.2 | 230.6 | 208.6 | — | 256.3 | 148.8 |
| NUTECH | 70A8AM | AM,B | 110 | 228.7 | 14.9 | 2 | $757 | 17 | 210.6 | 208.8 | **233.3** | — | **262.2** | 147.2 |
| FS INVISION | FS 6194V RIB | VT2P,B | 111 | 227.5 | 13.9 | 2 | $757 | 18 | 211.7 | 218.7 | **228.5** | — | 251.0 | 135.0 |
| NK BRAND | NK0886-3120-EZR | 3120,B | 108 | 227.4 | 13.7 | 4 | $756 | 19 | 202.6 | 222.2 | **229.5** | — | 255.2 | **195.5** |
| FS INVISION | FS 6106X RIB | STX,B | 111 | 227.3 | 14.5 | 1 | $753 | 21 | 216.2 | 213.8 | 213.9 | — | **265.1** | 159.4 |
| NUTECH | 5FB-8808AM | AM,B | 108 | 227.2 | 14.0 | 3 | $755 | 20 | 220.3 | 239.6 | 206.0 | — | 243.0 | 145.2 |
| FS INVISION | FS 60UX1 RIB | STX,B | 110 | 227.0 | 14.4 | 1 | $753 | 22 | 198.1 | 244.6 | 216.7 | — | 248.4 | 76.3 |
| INTEGRA | 6061 VT2PRIB | VT2P | 110 | 226.0 | 14.2 | 1 | $751 | 23 | 199.7 | 205.6 | **225.4** | — | **273.3** | 167.7 |
| GOLDEN HARVEST | G10D21-3330-EZR | 3330,B | 110 | 225.1 | 14.2 | 1 | $747 | 24 | 178.4 | **249.4** | 221.0 | — | 251.5 | 167.7 |
| GOLDEN HARVEST | G11V76-5122-EZR | 5122,B | 111 | 224.5 | 14.8 | 1 | $743 | 27 | 202.6 | 229.3 | **224.8** | — | 241.3 | **187.8** |
| CHANNEL | 209-06STXRIB GC | STX,B | 109 | 224.2 | 14.2 | 2 | $745 | 25 | 221.3 | 209.7 | 222.8 | — | 243.2 | 91.1 |
| WYFFELS | W6978 | STX | 111 | 224.1 | 14.4 | 1 | $744 | 26 | 206.0 | 233.8 | 212.1 | — | 244.4 | 168.9 |
| NUTECH | 70F2Q | QR,B | 110 | 222.8 | 14.7 | 2 | $738 | 29 | 222.1 | 228.3 | 162.5 | — | **278.3** | 174.2 |
| INTEGRA | 5719 VT2PRIB | VT2P,B | 107 | 222.3 | 13.8 | 1 | $740 | 28 | 210.9 | 210.9 | 218.0 | — | 249.3 | 160.1 |
| AUGUSTA | 3058-3120 | 3120 | 108 | 221.7 | 14.0 | 1 | $737 | 30 | 197.8 | **249.0** | 212.9 | — | 226.9 | 185.0 |
| LATHAM | LH 5725 VT2P RIB | VT2P,B | 107 | 221.3 | 13.8 | 1 | $737 | 31 | 221.5 | 218.3 | 213.7 | — | 231.9 | 181.5 |
| PIONEER | P1185AM CK | AM,B | 111 | **245.9** | 14.6 | 2 | $816 | 1 | 221.2 | **264.7** | **227.8** | — | **269.9** | 175.0 |
| Averages = | | | | 225.0 | | | $14 | 2 | 209.1 | 223.1 | 214.6 | | 253.2 | 152.7 |
| LSD (0.10) = | | | | 13.8 | | | $1 | 3.6 | 13.8 | 24.3 | 8.4 | | 8.5 | 34.3 |

**FULL-SEASON TEST 112–116 Day CRM | Top 30 of 45 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 | Bloomfield | Cambria | Clarinda | Danville* | Farragut | Lineville# |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FS INVISION | FS 6595V RIB | VT2P,B | 115 | **244.2** | 15.8 | 1 | $805 | 1 | 213.5 | **278.7** | **250.4** | — | 252.2 | **225.9** |
| KRUGER | K1611DP | VT2P,B | 116 | **239.4** | 16.7 | 1 | $787 | 2 | 221.4 | 259.8 | **246.4** | — | **273.6** | 195.6 |
| FS INVISION | FS 6395VDG RIB | VT2PDG,B | 113 | **236.1** | 15.0 | 4 | $782 | 3 | 214.1 | **264.7** | 209.6 | — | **281.3** | **210.7** |
| KRUGER | K1501DP | VT2P,B | 115 | 234.0 | 16.1 | 5 | $771 | 4 | **231.2** | 247.6 | **242.7** | — | **271.4** | 177.2 |
| INTEGRA | 6410 VT2PRIB | VT2P,B | 114 | 230.2 | 15.7 | 2 | $759 | 5 | 212.5 | **269.8** | 201.6 | — | 257.6 | **209.5** |
| INTEGRA | 6533 VT2PRIB | VT2P,B | 115 | 229.3 | 16.2 | 1 | $755 | 7 | 205.3 | 223.3 | **249.6** | — | **273.0** | 195.2 |
| FS INVISION | FS 6306T RIB | TRE,B | 113 | 228.7 | 15.0 | 1 | $757 | 6 | 210.8 | 233.7 | **253.3** | — | 239.2 | 206.7 |
| KRUGER | K1541SS | STX,B | 115 | 227.9 | 16.2 | 1 | $750 | 10 | 218.9 | 231.6 | **231.8** | — | **265.3** | 191.8 |
| FEDERAL | 6280 VT2PRIB | VT2P,B | 112 | 227.1 | 15.6 | 1 | $750 | 9 | 208.3 | 255.6 | 213.9 | — | 252.6 | 204.9 |
| MIDWEST GENETICS | MW15-49 DGVT2P GC | VT2PDG | 115 | 226.7 | 16.1 | 1 | $746 | 13 | 208.0 | 249.2 | 219.4 | — | 256.4 | 200.5 |
| FEDERAL | 6290 VT2PRIB | VT2P,B | 112 | 226.6 | 14.8 | 2 | $751 | 8 | 209.8 | 259.5 | 226.2 | — | 236.8 | 200.7 |
| DYNA-GRO | D54VC34 | VT2P | 114 | 226.4 | 15.8 | 3 | $746 | 12 | 214.0 | 241.0 | **229.4** | — | **263.8** | 184.0 |
| WYFFELS | W7876RIB | VT2P,B | 114 | 226.4 | 15.8 | 1 | $747 | 11 | 203.8 | 257.7 | 225.1 | — | 250.6 | 194.9 |
| INTEGRA | 6695 VT2PRIB | VT2P | 116 | 224.6 | 15.8 | 1 | $741 | 15 | 218.1 | 234.4 | 226.9 | — | 245.4 | 198.5 |
| NUTECH | E74D3AM | AM,B | 114 | 223.9 | 15.5 | 2 | $740 | 16 | **228.8** | 237.8 | 209.1 | — | 258.5 | 185.5 |
| NUTECH | 72B7CYFR | QR | 112 | 223.9 | 15.4 | 1 | $739 | 17 | 206.8 | 244.9 | 216.9 | — | 252.9 | 197.9 |
| WYFFELS | W7956RIB | VT2P,B | 114 | 223.6 | 15.6 | 5 | $738 | 18 | 213.7 | 249.5 | **234.1** | — | 254.6 | 166.1 |
| HOEGEMEYER | 8233AM | AM,AQ,B | 112 | 223.5 | 15.5 | 4 | $738 | 19 | **227.9** | 223.9 | 214.6 | — | **262.7** | 188.5 |
| NK BRAND | NK1205-3120-EZR | 3120,B | 112 | 223.4 | 14.6 | 2 | $741 | 14 | 224.4 | 236.8 | 216.4 | — | 244.2 | 195.0 |
| RENK | RK866DGVT2P | VT2PDG | 112 | 220.9 | 14.5 | 2 | $734 | 20 | **230.5** | 211.4 | 206.9 | — | 252.3 | 203.4 |
| FEDERAL | 6400 DGVT2PRIB | VT2PDG,B | 114 | 220.8 | 15.5 | 2 | $730 | 21 | 217.6 | 221.3 | 208.3 | — | **267.4** | 189.2 |
| WYFFELS | W8148 | STX | 115 | 220.8 | 16.3 | 2 | $725 | 23 | 203.5 | 254.7 | 205.5 | — | 250.9 | 189.2 |
| TITAN PRO | 82-14 2P | VT2P,B | 114 | 219.1 | 16.7 | 1 | $718 | 26 | **247.4** | 221.3 | 202.9 | — | 228.7 | 195.3 |
| DYNA-GRO | D53VC33 | VT2P | 113 | 218.6 | 14.6 | 4 | $726 | 22 | 219.6 | 243.0 | 221.0 | — | 248.9 | 160.3 |
| RENK | RK945DGVT2P | VT2PDG,B | 115 | 218.2 | 15.7 | 1 | $720 | 24 | 224.3 | 218.3 | 221.2 | — | 235.1 | 192.2 |
| FS INVISION | FS 6406X RIB | STX,B | 114 | 217.1 | 16.0 | 4 | $715 | 30 | 207.5 | 242.2 | 210.7 | — | 244.4 | 180.6 |
| AUGUSTA | 4465 | 3110,B | 115 | 216.9 | 15.5 | 5 | $717 | 27 | 178.5 | 236.9 | 222.4 | — | 250.2 | 196.6 |
| NK BRAND | NK1460-5222-EZR | 5222,B | 114 | 216.6 | 15.3 | 2 | $717 | 28 | 209.5 | 228.0 | 220.7 | — | 241.4 | 183.3 |
| INTEGRA | 6284 VT2PRIB | VT2P,B | 112 | 216.2 | 15.5 | 1 | $716 | 29 | 203.9 | 195.0 | 226.7 | — | **260.4** | 195.1 |
| RENK | RK937VT2P | VT2P,B | 113 | 215.8 | 14.8 | 1 | $715 | 31 | 222.0 | 232.6 | 196.9 | — | 242.3 | 185.4 |
| PIONEER | P1185AM CK | AM,B | 111 | 217.9 | 15.1 | 1 | $720 | 25 | 222.0 | 220.9 | 218.4 | — | **263.3** | 165.1 |
| Averages = | | | | 219.7 | | | $16 | 3 | 213.0 | 233.9 | 217.3 | | 251.4 | 183.0 |
| LSD (0.10) = | | | | 14.6 | | | $1 | 3.4 | 12.2 | 30.4 | 11.2 | | 7.2 | 25.7 |

* Danville: not planted, field site unavailable; # early-season test results rejected, not included in summary, lodging and wildlife damage.

| Product/Brand | Technology | Maturity | RIB | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| **ARMOR \| Armor Seed, LLC (WinField United)**<br>www.armorseed.com<br>20 Ferri Dr, Cleveland, MS 38732 \| (870) 336-2290 | | | | | |
| A0711 | VT2P | 107 | N | ZN | IAECa, IANCb, ILSOa, WISOb |
| A1029 | VT2P | 110 | N | ZN | IAECa, IANCb, ILSOa |
| A1575 | VT2P | 115 | N | ZN | IAECb, ILSOb |
| X19112A | VT2P | 112 | N | ZN | IAECb |
| **AUGUSTA \| Augusta Seed Corporation**<br>www.augustaseed.com<br>PO Box 899, Verona, VA 24482 \| (540) 886-6055 | | | | | |
| 1059 | 3110 | 109 | N | AVC,C5 | IAWCa, INCEa, KSNEa, NCTSb, OHNWb, PACE |
| 1259 | 3330,B | 109 | Y | AVC,C5 | IAECa, IANWb, IASOa, IAWCa, ILECa, ILNOa, INCEa, INNOb, MOCEa, MONOa, NENEa, OHNWb |
| 3058-3120 | 3120 | 108 | N | CM,C2,Vi | IASOa, ILNOa |
| 4465 | 3110,B | 115 | Y | CM,C2 | IAECb, IASOb |
| 4658-3220 | 3220 | 108 | N | CM,C2 | IASOa, INCEa |
| 4958-3120 | 3120,B | 108 | Y | CM,C2 | IAECa, ILECa, ILWCa, OHNWa, PACE |
| 6162 | 3220,B | 112 | Y | AVC,C5 | IAECb, ILECb, INNOb, NESEa |
| **CHAMPION \| Champion Seed**<br>www.championseedofiowa.com<br>PO Box 157, Ellsworth, IA 50075 \| (888) 417-2004 | | | | | |
| 64A20 VT2 PRO GC | VT2P,B | 114 | Y | na | IAECb |
| **CHANNEL \| Channel Brand (Bayer CropScience)**<br>www.channel.com<br>800 N Lindbergh Blvd, St. Louis, MO 63167 \| (800) 768-6387 | | | | | |
| 208-38VT2PRIB GC | VT2P,B | 108 | Y | na | IASOa |
| 209-06STXRIB GC | STX,B | 109 | Y | na | IASOa |
| 213-93STXRIB GC | STX,B | 113 | Y | na | IAWCb |
| 214-78DGVT2PRIB GC | VT2PDG,B | 114 | Y | na | IAWCb |
| **CORNELIUS \| Cornelius Seed**<br>www.corneliusseed.com<br>14760 317th Ave, Bellevue, IA 52031 \| (800) 218-1862 | | | | | |
| 7228VT2P | VT2P | 112 | N | na | IAECb, ILNOb |
| C633DP | VT2P | 110 | N | CM,C2,Vi | IAECa, IANCb, IANWb |
| C7004DP | VT2P | 110 | N | AC,P5V,EDC-B | IAECa, IANCb, IANWb, ILWCa, NCTSb |
| C7270DP | VT2P | 112 | N | na | IAECb, ILNOb, ILWCb |
| C7308SS | STX | 113 | N | na | IAECb, ILNOb, ILWCb |
| C7366DGDP | VT2PDG | 113 | N | na | IAECb, ILWCb |
| **DEKALB \| DeKalb Brand (Bayer CropScience)**<br>www.dekalb.com<br>800 N Lindbergh Blvd, St. Louis, MO 63167 \| (800) 768-6387 | | | | | |
| DKC61-41RIB GC | VT2P,B | 111 | Y | na | IAECb |
| **DYNA-GRO \| Dyna-Gro Seed (Nutrien Ag Solutions)**<br>www.dynagroseed.com<br>3005 Rocky Mountain Ave, Loveland, CO 80538 \| (970) 685-3300 | | | | | |
| D49VC70 | VT2P | 109 | N | AC,P5V,EDC-B | IAWCa, INCEa, OHNWb |
| D50VC78 | VT2P | 110 | N | AC,P5V,EDC-B | IAECa, IANWb, IAWCa, ILECa, ILWCa, INCEa, NENEa |
| D51VC41 | VT2P | 111 | N | AC,P5V,EDC-B | IASOa, IAWCb, ILNOb, INCEb, NESEa |
| D53VC33 | VT2P | 113 | N | AC,P5V,EDC-B | IASOb, IAWCb, MOCEb, MONOb |
| D54VC34 | VT2P | 114 | N | AC,P5V,EDC-B | IAECb, IASOb, IAWCb, ILSOb, INCEb, KSNEb, MOCEb, MONOb, NENEb, NESEb |
| **FEDERAL \| Federal Hybrids**<br>www.federalhybrids.com<br>209 3rd St NE, West Bend, IA 50597 \| (515) 887-5888 | | | | | |
| 6280 VT2PRIB | VT2P,B | 112 | Y | AC,P2 | IASOb |
| 6290 VT2PRIB | VT2P,B | 112 | Y | AC,P2,MAG | IASOb |
| 6400 DGVT2PRIB | VT2PDG,B | 114 | Y | AC,P2,MAG | IASOb |
| **FS INVISION \| FS InVision (GROWMARK, Inc.)**<br>www.fssystem.com/Products-Services/Agriculture/FS-Seed/FS-InVISION<br>1701 Towanda Ave, Bloomington, IL 61701 \| (309) 557-6000 | | | | | |
| FS 5594X RIB | STX,B | 105 | Y | AC,P5V | IAECa, IANCa, IANWa, IAWCa, ILNOu, ILWCa, INCEa, INNOa, MISOb, NCTSa, WISOb |
| FS 5704X RIB | STX,B | 107 | Y | AC,P5V | IAECa, IAWCa, ILECa, ILNOa, ILWCa, MISOb, NCTSb, OHNWa, WISOb |
| FS 5892V RIB | VT2P,B | 108 | Y | AC,P5V | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, INCEa, INNOa, MONOa, NCTSb, OHNWa, WISOb |
| FS 5909D2A EZR | 5222A,B | 109 | Y | AC,P5V | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILWCa, INCEa, INNOb, NCTSb, OHNWb |
| FS 60UX1 RIB | STX,B | 110 | Y | AC,P5V | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOb, ILWCa |
| FS 6106X RIB | STX,B | 111 | Y | AC,P5V | IAECb, IASOa, IAWCb, ILECb, ILNOb, ILSOa, ILWCb, MOCEa, OHNWb |
| FS 6107T RIB | TRE,B | 111 | Y | AC,P5V | IAECb, IASOa, IAWCb, ILNOb, ILSOa, INCEb, INNOb, MOCEa, MONOa, OHNWb |
| FS 6194V RIB | VT2P,B | 111 | Y | AC,P5V | IASOa, ILNOb, ILSOa, ILWCb, INCEb, INNOb, MOCEa, MONOa, OHNWb |
| FS 6306T RIB | TRE,B | 113 | Y | AC,P5V | IAECb, IASOb, ILECb, ILSOb, ILWCb, INCEb, MOCEb, MONOb |
| FS 6395VDG RIB | VT2PDG,B | 113 | Y | AC,P5V | IAECb, IASOb, IAWCb, ILNOb, ILWCb, INCEb, MOCEb, MONOb |
| FS 6406X RIB | STX,B | 114 | Y | AC,P5V | IAECb, IASOb, IAWCb, ILECb, ILSOb, ILWCb, INCEb, MONOb |
| FS 6595V RIB | VT2P,B | 115 | Y | AC,P5V | IASOb, IAWCb, ILECb, ILSOb, MOCEb, MONOb |
| FS 6606T RIB | TRE,B | 116 | Y | AC,P5V | IASOb, ILSOb, MOCEb, MONOb |
| **GOLDEN HARVEST \| Golden Harvest Brand (Syngenta)**<br>www.goldenharvestseeds.com<br>2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 \| (800) 944-7333 | | | | | |
| G08D29-3120A-EZR | 3120A,B | 108 | Y | AVC,C5,Vi | IAECa, ILSOa, NENEa, NESEa |

| Product/Brand | Technology | Maturity | RIB | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| G08D29-5122A-EZR | 5122A,B | 108 | Y | AVC,C5,Vi | IANCb, IANWb, IAWCa, ILNOa, NCTSb, WISOb |
| G10D21-3330-EZR | 3330,B | 110 | Y | AVC,C5,Vi | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOb, ILSOa, ILWCa, INCEa, INNOb, KSNEa, NCTSb, OHNWb |
| G10L16-5222A-EZR | 5222A,B | 110 | Y | AVC,C5,Vi | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOb, ILSOa, ILWCa, INCEa, INNOb, MOCEa, MONOa, NCTSb, NENEa, NESEa, OHNWb |
| G11V76-5122-EZR | 5122,B | 111 | Y | AVC,C5,Vi | IASOa |
| G12S75-5122-EZR | 5122,B | 112 | Y | AVC,C5,Vi | IAECb, IASOb, IAWCb, INCEb, INNOb, KSNEb, MOCEa, MONOa, NENEb, NESEa |
| G13H15-3120-EZR | 3120,B | 113 | Y | AVC,C5,Vi | IASOb, NESEb |
| G13T41-3120-EZR | 3120,B | 113 | Y | AVC,C5,Vi | IAECb, IAWCb, MONOb, NENEb, NESEb |
| G13Z50-3220-EZR | 3220,B | 113 | Y | AVC,C5,Vi | IAECb, ILECb, ILNOb, ILSOb, ILWCb, INCEb |
| G14N11-5222-EZR | 5222,B | 114 | Y | AVC,C5,Vi | IAECb, ILECb, ILSOb, ILWCb, INCEb, MOCEb, MONOb |
| G15J91-3220-EZR | 3220,B | 115 | Y | AVC,C5,Vi | IASOb, IAWCb, ILSOb, ILWCb, KSNEb, MOCEb, MONOb, NESEb |

**HOEGEMEYER | Hoegemeyer Hybrids (Corteva Agriscience)**
**www.therightseed.com**
**1755 Hoegemeyer Rd, Hooper, NE 68031 | (800) 245-4631**

| | | | | | |
|---|---|---|---|---|---|
| 7869AM | AM,B | 108 | Y | Lum,P1V | IANWb, IASOa, IAWCa |
| 7955AML | AML,B | 109 | Y | Lum,P5V | IASOa, KSNEa, NENEa, NESEa |
| 7990Q | QR,B | 109 | Y | Lum,P5V | IAWCa, NENEa |
| 8009YHR | AM | 110 | N | Lum,P1V | IANWb, IAWCa |
| 8084AM | AM,B | 110 | Y | Lum,P1V | IANWb, IAWCa, NENEa |
| 8188Q | QR,B | 111 | Y | Lum,P1V | IAWCb, NENEb |
| 8233AM | AM,AQ,B | 112 | Y | Lum,P1V | IASOb, KSNEa, NESEa |
| 8235Q | QR,B | 112 | Y | Lum,P1V | IAWCb, NENEb |
| 8382AM | AM,B | 113 | Y | Lum,P5V | IASOb |
| 8490AM | AM,AQ,B | 114 | Y | Lum,P5V | IASOb, KSNEb, NESEb |

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

| | | | | | |
|---|---|---|---|---|---|
| 5529 VT2PRIB | VT2P,B | 105 | Y | AC,P2,St,SU | IAECa, IANCa, IANWa, IAWCa, ILECa, ILWCa, MNSWb, NENEa, OHNWa, SDSEb, WISOb |
| 5719 VT2PRIB | VT2P,B | 107 | Y | AC,P2,St,SU | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILWCa, KSNEa, MNSWb, NESEa, OHNWa, SDSEb, WISOb |
| 5770 STXRIB | STX,B | 107 | Y | AC,P5V,St,SU | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, MNSWb, NENEa, SDSEb, WISOb |
| 5939 STXRIB | STX,B | 109 | Y | AC,P5V,St,SU | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILWCa, OHNWb |
| 6061 VT2PRIB | VT2P | 110 | N | AC,P5,St,SU | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOb, ILWCa, KSNEa, NENEa, NESEa |
| 6181 3010A | 3010A | 111 | N | CM,C2,St,SU | IAECb, IASOa, IAWCb, KSNEa, NENEb, NESEa |
| 6284 VT2PRIB | VT2P,B | 112 | Y | AC,P2,St,SU | IAECb, IASOb, IAWCb, ILECb, ILNOb, ILWCb, KSNEa, NENEb, NESEa, OHNWb |
| 6410 VT2PRIB | VT2P,B | 114 | Y | AC,P5V,St,SU | IAECb, IASOb, IAWCb, ILECb, ILWCb, KSNEb, NENEb, NESEb |
| 6533 VT2PRIB | VT2P,B | 115 | Y | AC,P5V,St,SU | IAECb, IASOb, IAWCb, ILECb, ILWCb, KSNEb |
| 6588 VT2PRIB | VT2P,B | 115 | Y | AC,P2V,St,SU | IAECb, IASOb, IAWCb, ILECb, ILWCb, KSNEb, NESEb |
| 6695 VT2PRIB | VT2P | 116 | N | AC,P5V,St,SU | IASOb, KSNEb, NESEb |

**KRUGER | Kruger Seeds (Bayer CropScience)**
**www.krugerseed.com**
**33730 160th St, Cedar Falls, IA 50613 | (800) 772-2721**

| | | | | | |
|---|---|---|---|---|---|
| K0708DT | TRE,B | 107 | Y | AC,PV5,B360 | IAECa, IANCb, IANWb, IAWCa |
| K0807SS | STX,B | 108 | Y | AC,PV5,B360 | IAECa, IANCb, IANWb, IASOa, IAWCa |
| K0915DD | VT2PDG,B | 109 | Y | AC,P5,B360 | IAECa, IANCb, IANWb, IASOa, IAWCa |
| K0917SS | STX,B | 109 | Y | AC,PV5,B360 | IAECa, IANCb, IANWb, IASOa, IAWCa |
| K1005DP | VT2P,B | 110 | Y | AC,P2,B360 | IAECa, IANCb, IANWb, IASOa, IAWCa |
| K1114SS | STX,B | 111 | Y | AC,PV5,B360 | IAECb, IASOa, IAWCb |
| K1204SS | STX,B | 112 | Y | AC,PV5,B360 | IAECb, IASOb, IAWCb |
| K1237DT | TRE,B | 112 | Y | AC,P5,B360 | IAECb, IASOb, IAWCb |
| K1501DP | VT2P,B | 115 | Y | AC,P2,B360 | IAECb, IASOb, IAWCb |
| K1541SS | STX,B | 115 | Y | AC,PV5,B360 | IASOb |
| K1611DP | VT2P,B | 116 | Y | AC,P5,B360 | IASOb |
| K4R-9111 | STX,B | 111 | Y | AC,PV5,B360 | IAECb, IAWCb |

**LATHAM | Latham Hi-Tech Seeds**
**www.lathamseeds.com**
**131 180th St, Alexander, IA 50420 | (877) 465-2842**

| | | | | | |
|---|---|---|---|---|---|
| LH 5517 VT2P RIB | VT2P,B | 105 | Y | AC250 | IANWa, IAWCa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| LH 5725 VT2P RIB | VT2P,B | 107 | Y | AC250 | IAECa, IANCb, IANWb, IASOa, IAWCa, MNSEb, MNSWb, NENEa, WISOb |

| Product/Brand | Technology | Maturity | RIB | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| LH 5742 RR | RR2 | 107 | N | AC250 | IANCb, IAWCa, NENEa, WISOb |
| LH 5769 SS RIB | STX,B | 107 | Y | AC,P5V | IAECa, IANCb, IANWb, IAWCa |
| LH 5847 VT2P RIB | VT2P,B | 108 | Y | AC250 | IAECa, IANCb, IANWb, IAWCa, NENEa |
| LH 5965 VT2P RIB | VT2P,B | 109 | Y | AC250 | IAECa, IANWb, NENEa |
| LH 6149 SS RIB | STX,B | 111 | Y | AC,P5V | IAECb, IAWCb, NENEb |
| LH 6285 VT2P RIB | VT2P | 112 | N | AC250 | IAECb, IAWCb, NENEb |
| LH 6317 VT2PDG RIB | VT2PDG,B | 113 | Y | AC250 | IAECb, IAWCb, NENEb |
| LH 6477 VT2P RIB | VT2P,B | 114 | Y | AC250 | IAECb, IAWCb, NENEb |
| LR 6529 SS RIB | STX,B | 115 | Y | AC,P5V | IAECb, IAWCb |
| **LG SEEDS \| LG Seeds (AgReliant Genetics, LLC)**<br>www.lgseeds.com<br>22827 Shissler Rd, Elmwood, IL 61529 \| (800) 752-6847 | | | | | |
| LG59C72VT2PRIB GC | VT2P,B | 109 | N | na | IAECa |
| **MIDWEST GENETICS \| Midwest Seed Genetics**<br>www.midwestseed.com<br>612 Dunlap St, Kentland, IN 47951 \| (515) 314-1003 | | | | | |
| MW09-79 VT2P GC | VT2P | 109 | N | na | IAECa, IASOa |
| MW10-66 VT2P GC | VT2P | 110 | N | na | IAECa |
| MW11-15 SSRIB GC | STX,B | 108 | Y | na | IASOa |
| MW12-48 DGVT2P GC | VT2PDG | 112 | Y | na | IAECb |
| MW15-49 DGVT2P GC | VT2PDG | 115 | N | na | IAECb, IASOb |
| **MILLER HYBRIDS \| Miller Hybrids**<br>www.millerhybrids.com<br>1213 Larch Ave, Kalona, IA 52247 \| (866) 946-CORN | | | | | |
| M14-40BG | 3010 | 114 | N | MSC | IAWCb |
| RX10-36VT2P | VT2P | 110 | N | MSC | IAWCa |
| **MYCOGEN \| Mycogen Seeds (Corteva Agriscience)**<br>www.dowagro.com/mycogen<br>9330 Zionsville Rd, Indianapolis, IN 46268 \| (800) MYCOGEN | | | | | |
| MY1201Q GC | QR | 112 | Y | na | IAWCb |
| MY1404AM GC | AM | 114 | N | na | IAWCb |
| MY2470AML GC | AML | 114 | N | na | IAWCb |
| **NK BRAND \| NK Brand (Syngenta)**<br>www.nkseeds.com<br>2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 \| (800) 258-0521 | | | | | |
| NK0472-5222-EZR | 5222,B | 104 | Y | AVC,C2,Vi | IANCa, IANWa, IAWCa, ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, OHNWa, SDSEb, WISOa |
| NK0821-3120A-EZR | 3120A,B | 108 | Y | AVC,C5,Vi | IASOa, IAWCa, MONOa |
| NK0886-3120-EZR | 3120,B | 108 | Y | AVC,C5,Vi | IASOa, INCEa, INNOa, OHNWa |
| NK0886-5122-EZR | 5122,B | 108 | Y | AVC,C5,Vi | IAECa, IANCb, ILNOa, PACE, WISOb |
| NK1026-3330-EZR | 3330,B | 110 | Y | AVC,C5,Vi | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOb, ILWCa, INCEa, INNOb, NCTSb, OHNWb |
| NK1082-5222A-EZR | 5222A,B | 110 | Y | AVC,C5,Vi | DMNO, IAECa, IANCb, IANWb, ILECa, ILNOb, ILWCa, INNOb, NCTSb, NENEa, NESEa, PACE, PASE |
| NK1188-5122-EZR | 5122,B | 111 | Y | AVC,C5,Vi | IAWCb, ILSOa, INCEb, INNOb, KSNEa, NENEb, OHNWb |
| NK1205-3120-EZR | 3120,B | 112 | Y | AVC,C5,Vi | IASOb, IAWCb, MOCEa, MONOa |
| NK1239-5122-EZR | 5122,B | 112 | Y | AVC,C5,Vi | DMNO, IAECb, ILECb, ILNOb, ILSOb, ILWCb, MOCEb, MONOb, NENEb, NESEa, PASE |
| NK1354-5222-EZR | 5222,B | 113 | Y | AVC,C5,Vi | IAECb, ILECb, ILNOb, ILWCb |
| NK1460-5222-EZR | 5222,B | 114 | Y | AVC,C5,Vi | DMNO, IAECb, IASOb, IAWCb, ILECb, ILSOb, ILWCb, INCEb, NESEb, PASE |
| **NUTECH \| NuTech Seed, LLC (Corteva Agriscience)**<br>www.nutechseed.com<br>201 Knollwood Dr, Champaign, IL 61820 \| (888) 647-3478 | | | | | |
| 5FB-2213AM | AM,B | 113 | Y | P1V,RN | IAECb, IASOb, IAWCb, ILECb, ILNOb, ILSOb, ILWCb, MOCEb, MONOb |
| 5FB-8808AM | AM,B | 108 | Y | P1V,RN | IAECa, IANCb, IANWb, IASOa, IAWCa, ILNOa, MOCEa, MONOa, NCTSb |
| 68A7AM | AM,B | 107 | Y | P1V,RN | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILSOa, ILWCa, MNSEb, MOCEa, MONOa, NCTSb |
| 68B3VYHR | OL,B | 108 | Y | P1V,RN | IAECa, IASOa, IAWCa, MOCEa, MONOa |
| 70A8AM | AM,B | 110 | Y | P1V,RN | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOb, ILSOa, ILWCa, MOCEa, MONOa, NCTSb |
| 70F2Q | QR,B | 110 | Y | P1V,RN | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOb, ILWCa, NCTSb |
| 71F5CYFR | QR | 111 | N | P1V,RN | IAECb, IAWCb, ILECb, ILNOb, ILWCb |
| 72B7CYFR | QR | 112 | N | P1V,RN | IAECb, IASOb, IAWCb, ILECb, ILNOb, ILSOa, ILWCb, MOCEa, MONOa |
| 74B6AM | AM,B | 114 | Y | P1V,RN | IAECb, IASOb, IAWCb, ILECb, ILSOb, ILWCb, MOCEb, MONOb |
| 75G1YHR | OI | 115 | N | P1V,RN | IAECb, IASOb, IAWCb, ILECb, ILSOb, ILWCb |
| E74D3AM | AM,B | 114 | Y | P1V,RN | IASOb, MOCEb, MONOb |
| **PIONEER \| DuPont Pioneer (Corteva Agriscience)**<br>www.pioneer.com<br>PO Box 454, Johnston, IA 50131 \| (800) 247-6803 | | | | | |
| P0720Q GC | QR,B | 107 | Y | na | IASOa, ILECa, ILNOa, ILWCa, INCEa, WISOb |

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

| Product/Brand | Technology | Maturity | RIB | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| P1108Q GC | QR,B | 111 | Y | na | IASOa, ILSOa |
| P1185AM CK | AM,B | 111 | Y | na | IAECa, IAECb, IASOa, IASOb, IAWCa, IAWCb |
| P1563AM GC | AM,B | 115 | Y | na | IAECb |
| **PROHARVEST \| ProHarvest Seeds, LLC**<br>**www.proharvestseeds.com**<br>**2737 N 700 East Rd, Ashkum, IL 60911 \| (866) 807-7015** | | | | | |
| 8324 VT2PRIB | VT2P,B | 113 | Y | AC,P2 | IAECb, ILECb, ILNOb, ILSOb, ILWCb, NENEb |
| 8360 VT2PRIB | VT2P,B | 113 | Y | AC,P2 | IAECb, ILECb, ILNOb, ILSOb, ILWCb, NENEb |
| 84P93 SSTXRIB | STX,B | 114 | Y | P5V | IAECb, ILECb, ILSOb, ILWCb, NENEb |
| **RENK \| Renk Seed Co.**<br>**www.renkseed.com**<br>**6809 Wilburn Rd, Sun Prairie, WI 53590 \| (800) BUY-RENK** | | | | | |
| RK700SSTX | STX | 107 | N | AC,P5V | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, MISOb, MNSEb, MNSWb, NCTSb, NENEa, SDSEb, WISOb |
| RK710DGVT2P | VT2PDG,B | 106 | Y | AC,P2 | IAECa, IANCa, IANWa, IAWCa, ILNOa, MISOb, MNSEb, MNSWb, NCTSa, NENEa, SDSEb, WISOb |
| RK726H | PC | 106 | N | AC,P2 | IAECa, IANCa, IANWa, IAWCa, ILECa, ILNOa, ILWCa, MISOb, MNSEb, MNSWb, NCTSa, NENEa, SDSEb, WISOb |
| RK765VT2PRIB | VT2P,B | 109 | Y | AC,P2 | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, NCTSb |
| RK805VT2P | VT2P | 110 | N | AC,P2 | IAECa, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOb, ILWCa, KSNEa, NCTSb, NENEa, NESEa |
| RK807SSTXRIB | STX,B | 111 | Y | AC,P5V | IASOa, ILECb, ILNOb, KSNEa, NENEb, NESEa |
| RK866DGVT2P | VT2PDG | 112 | N | AC,P2 | IAECb, IASOb, IAWCb, ILNOb, ILWCb, KSNEa, MONOa, NENEb, NESEa |
| RK882SSTX | STX | 111 | N | AC,P5V | IAECb, IASOa, IAWCb, ILECb, ILNOb, ILWCb, KSNEa, MONOa, NENEb, NESEa |
| RK937VT2P | VT2P,B | 113 | Y | AC,P2 | IAECb, IASOb, IAWCb, ILNOb, ILWCb, KSNEb, MONOb, NENEb, NESEb |
| RK945DGVT2P | VT2PDG,B | 115 | Y | AC,P2 | IAECb, IASOb, IAWCb, ILECb, ILWCb, KSNEb, MONOb, NESEb |
| RK945SSTX | STX,B | 115 | Y | AC,P5V | IAECb, IAWCb, ILECb, ILWCb, KSNEb, NESEb |

| Product/Brand | Technology | Maturity | RIB | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| **TITAN PRO \| Titan Pro SCI, Inc.**<br>**www.titanprosci.com**<br>**1301 S 24th St, Clear Lake, IA 50428 \| (641) 357-7283** | | | | | |
| 23-06 SS | STX,B | 106 | Y | AC,P5V | IAECa, IAWCa, NCTSa |
| 82-14 2P | VT2P,B | 114 | Y | AC250 | IAECb, IASOb, IAWCb |
| 94-09 2P | VT2P,B | 109 | Y | AC250 | IAECa, IANCb, IANWb, IASOa, IAWCa, NCTSb |
| 96-06 2P | VT2P,B | 106 | Y | AC250 | IAECa, IANCa, IANWa, IAWCa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| TP 71-12 DG2P | VT2PDG,B | 112 | Y | AC250 | IAECb |
| TP 74-12 SS | STX,B | 112 | Y | AC,P5V | IAECb |
| **WYFFELS \| Wyffels Hybrids, Inc.**<br>**www.wyffels.com**<br>**13344 US Hwy 6, Geneseo, IL 61254 \| (800) 369-7833** | | | | | |
| W4196RIB | VT2P,B | 105 | Y | AC250 | IAECa, IANCa, IANWa, IAWCa, ILNOu, MNSEb, MNSWb, SDSEb |
| W4246 | VT2P | 105 | N | AC250 | IAECa, IANCa, IANWa, IAWCa, ILNOu, MNSEb, MNSWb, NCTSa, SDSEb, WISOb |
| W5086RIB | VT2P,B | 107 | Y | AC250 | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, MNSWb, NCTSb, SDSEb, WISOb |
| W5516RIB | VT2P,B | 108 | Y | AC250 | IAECa, IANCb, IANWb, IAWCa, ILECa, ILWCa, MNSWb, SDSEb, WISOb |
| W6408RIB | STX,B | 110 | Y | AC,P5V | IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOb, ILWCa, NCTSb |
| W6826RIB | VT2P,B | 111 | Y | AC250 | IAECb, IANCb, IANWb, IASOa, ILNOb, ILSOa, NCTSb |
| W6906 | VT2P | 111 | N | AC250 | IASOa, IAWCb, ILNOb, ILSOa, NENEb, NESEa |
| W6978 | STX | 111 | N | AC,P5V | IAECb, IANCb, IANWb, IASOa, IAWCb, ILECb, ILNOb, ILSOa, ILWCb, NCTSb |
| W7726RIB | VT2P,B | 113 | Y | AC250 | IAECb, IASOb, IAWCb, ILECb, ILSOb, ILWCb, MONOb, NENEb, NESEb |
| W7876RIB | VT2P,B | 114 | Y | AC250 | IAECb, IASOb, IAWCb, ILECb, ILSOb, ILWCb, MONOb, NENEb, NESEb |
| W7956RIB | VT2P,B | 114 | Y | AC250 | IAECb, IASOb, IAWCb, ILECb, ILSOb, ILWCb, MONOb, NENEb, NESEb |
| W8148 | STX | 115 | N | AC,P5V | IASOb, ILECb, ILSOb, ILWCb |
| W8936DGRIB | VT2PDG,B | 117 | Y | AC250 | IASOb, ILSOb, MONOb, NESEb |

first farmers' independent research of seed technologies

www.firstseedtests.com

# Some See Fields, We See Data

# 2020 Corn & Soybean Performance Summaries

*Unbiased, Accurate Yield Testing, Every Time*

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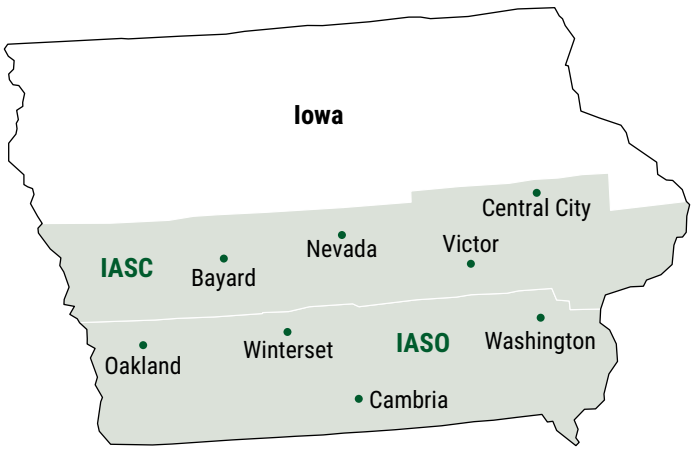


## Site Description: IASC *(See soybean results table on page 15)*

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average Stand × 1,000 | Average Yield | Yield History Bu/A | Yield History Years |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bayard | Mike Hagan | loam | conventional | corn | NULL | 02-May | 28-Sep | 142.9 | 48.1 | — | new site |
| Central City | Jim Greif | loam | no-till | corn | NULL | 30-Apr | 17-Oct | 151.4 | 62.0 | 53.2 | 5 |
| Nevada | Shane, Spencer, & Norman Harrison | clay loam | conventional | corn | NULL | 02-May | 11-Oct | 150.7 | 48.6 | 37.4 | 1 |
| Victor | Dan DeRycke | silt loam | minimum | corn | NULL | 03-May | 10-Oct | 151.0 | 73.7 | 68.9 | 8 |
| | | | | | | | | | **IASC** | **58.1** | **19** |

## Site Description: IASO *(See soybean results table on page 16)*

| Site | FIRST Farmers | Soil Texture | Tillage | Previous Crop | Total Nitrogen (lbs) | Date Planted | Date Harvested | Average Stand × 1,000 | Average Yield | Yield History Bu/A | Yield History Years |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cambria | Dan Allred | silt loam | no-till | corn | NULL | 09-May | 16-Oct | 141.3 | 42.2 | 66.2 | 2 |
| Oakland | Mark & Keith Bentley | silty clay loam | no-till | corn | NULL | 06-May | 15-Oct | 151.9 | 61.5 | 70.6 | 9 |
| Washington | Tom Vittetoe | sandy clay loam | no-till | corn | NULL | 01-May | 08-Oct | 151.8 | 69.8 | 67.6 | 9 |
| Winterset | Mike Erdman | silty clay loam | no-till | corn | NULL | 07-May | 14-Oct | 151.8 | 78.6 | 67.9 | 16 |
| | | | | | | | | | **IASO** | **65.7** | **17** |

## SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2016–2020

| | Average Yield by Year (Bu/A) | | | | | Since Inception | |
|---|---|---|---|---|---|---|---|
| FIRST Region | 2020 | 2019 | 2018 | 2017 | 2016 | Bu/A | #Years |
| **IASC** | 58.1 | 58.7 | 66.6 | 64.2 | 63.5 | 58.1 | 19 |
| **IASO** | 63.0 | 70.3 | 69.9 | 63.4 | 72.7 | 65.7 | 17 |

# Soybean Results: IASC *(See site description on page 14)*

**EARLY-SEASON TEST | MATURITY GROUP 2.3–2.7 | 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) | Bayard | Central City | Nevada | Victor |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STINE | 26EB23 U | E3 | 2.6 | 61.6 | 9.5 | 6 | $526 | **60.1** | 65.5 | 40.4 | **80.3** |
| STINE | 24EA12 U | E3 | 2.4 | 61.5 | 9.3 | 9 | $526 | **55.6** | **73.0** | 41.7 | 75.8 |
| GOLDEN HARVEST | GH2552X | RRX | 2.5 | 61.5 | 8.9 | 11 | $525 | **55.3** | 66.6 | **51.5** | 72.5 |
| CREDENZ | CZ 2760GTLL | LLGT27 | 2.7 | 61.5 | 9.0 | 10 | $525 | **55.4** | 68.6 | 46.6 | 75.2 |
| FS HISOY | HS 25E00 | E3 | 2.5 | 60.9 | 9.3 | 8 | $520 | 54.1 | 67.4 | 44.6 | 77.3 |
| P3 GENETICS | 2126E | E3 | 2.6 | 60.6 | 9.8 | 13 | $517 | 45.8 | 63.6 | **53.3** | **79.5** |
| LATHAM | L 2638 E3 | E3 | 2.6 | 60.4 | 9.9 | 10 | $516 | 54.4 | 67.5 | **50.0** | 69.8 |
| LATHAM | L 2379 E3 | E3 | 2.3 | 60.2 | 9.5 | 12 | $515 | 50.4 | 68.2 | **52.0** | 70.3 |
| NK BRAND | S27-M8X U | RRX | 2.7 | 60.1 | 9.8 | 4 | $513 | 54.8 | 65.1 | 38.7 | **81.7** |
| NUTECH | 24N02E | E3 | 2.4 | 59.9 | 10.0 | 6 | $512 | 47.3 | **71.6** | 46.4 | 74.4 |
| TITAN PRO | 25E0 | E3 | 2.5 | 59.8 | 9.6 | 8 | $511 | 45.8 | **72.9** | 49.7 | 70.7 |
| APEX | AE2510 | E3 | 2.5 | 59.4 | 9.5 | 10 | $508 | 49.4 | **71.1** | 48.1 | 69.1 |
| GOLDEN HARVEST | GH2788X U | RRX | 2.7 | 59.4 | 9.8 | 3 | $507 | 51.9 | 60.9 | 46.1 | **78.8** |
| GENESIS | G2550E | E3 | 2.5 | 59.0 | 9.7 | 9 | $505 | 49.8 | **71.5** | 43.6 | 71.0 |
| CORNELIUS | CB27X81 | RRX | 2.7 | 58.8 | 9.3 | 9 | $503 | 46.8 | **69.4** | 47.0 | 72.0 |
| LATHAM | L 2682 R2X | RRX | 2.6 | 58.8 | 9.5 | 10 | $501 | **55.7** | 58.9 | 46.3 | 74.1 |
| LATHAM | L 2578 LLGT27 | LLGT27 | 2.5 | 58.7 | 9.6 | 12 | $501 | **58.9** | 62.6 | 43.3 | 70.0 |
| APEX | AE2610 | E3 | 2.6 | 58.6 | 9.4 | 10 | $501 | 39.2 | 67.1 | 48.2 | **80.0** |
| NUTECH | 26N04E | E3 | 2.6 | 58.2 | 9.3 | 10 | $498 | 45.5 | 65.8 | 45.1 | 76.6 |
| ARMOR | A26-E89 | E3 | 2.6 | 58.0 | 9.5 | 10 | $495 | 45.9 | 66.2 | 49.6 | 70.1 |
| GOLDEN HARVEST | GH2230X | RRX | 2.2 | 57.8 | 9.7 | 16 | $493 | **58.5** | 62.5 | 45.5 | 64.6 |
| ASGROW | AG26X0 U | RRX | 2.6 | 57.5 | 9.9 | 6 | $492 | 52.4 | 65.9 | 43.4 | 68.5 |
| APEX | AE2310 | E3 | 2.3 | 57.4 | 9.9 | 13 | $490 | 46.8 | 64.4 | 43.7 | 74.7 |
| CREDENZ | CZ 2550GTLL | LLGT27 | 2.5 | 57.3 | 9.1 | 9 | $489 | 53.0 | 59.7 | 38.1 | **78.5** |
| PIONEER | P25A04X GC | RRX | 2.5 | 57.2 | 9.1 | 5 | $489 | 49.4 | 66.3 | 41.7 | 71.4 |
| CHANNEL | 2519R2X GC | RRX | 2.5 | 57.2 | 9.8 | 12 | $489 | 48.7 | 66.4 | 42.3 | 71.2 |
| ARMOR | A23-E89 | E3 | 2.3 | 57.0 | 10.2 | 12 | $487 | 49.5 | 59.0 | 46.5 | 73.2 |
| FS HISOY | HS 27X90 | RRX | 2.7 | 56.9 | 9.5 | 7 | $486 | 46.4 | 62.0 | 47.9 | 71.2 |
| NUTECH | 24N04E | E3 | 2.4 | 56.8 | 9.3 | 14 | $485 | 51.5 | 62.9 | 46.9 | 65.9 |
| NK BRAND | S23-G5X | RRX | 2.3 | 56.8 | 9.5 | 16 | $485 | 49.6 | 67.4 | 44.4 | 65.6 |
| PIONEER | P28A42X CK | RRX | 2.8 | 56.6 | 10.1 | 7 | $483 | 46.4 | 62.2 | 40.4 | **77.6** |
| Averages = | | | | 57.8 | 9.5 | 9 | $494 | 50.1 | 64.5 | 44.6 | 72.3 |
| LSD (0.10) = | | | | 4.5 | 0.6 | 5.6 | | 5.0 | 4.5 | 5.1 | 5.1 |

**FULL-SEASON TEST | MATURITY GROUP 2.8–3.2 | 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) | Bayard | Central City | Nevada | Victor |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FS HISOY | HS 30X00 | RRX | 3.0 | **64.6** | 10.0 | 8 | $551 | **56.1** | **66.7** | 56.0 | **79.7** |
| NK BRAND | S31-E3S | E3,ST | 3.1 | **63.5** | 9.9 | 8 | $541 | 49.3 | 61.2 | **61.8** | **81.7** |
| FS HISOY | HS 32E00 | E3 | 3.2 | **63.1** | 11.2 | 8 | $537 | **60.0** | 61.1 | **61.4** | 70.1 |
| GOLDEN HARVEST | GH3152E3S | E3,ST | 3.1 | **63.0** | 10.7 | 5 | $537 | 47.4 | 63.4 | **63.0** | 78.0 |
| LATHAM | L 2894 E3 | E3 | 2.8 | 62.9 | 9.6 | 11 | $537 | 46.0 | **71.1** | 54.6 | **79.8** |
| CREDENZ | CZ 2830GTLL | LLGT27 | 2.8 | 62.9 | 8.8 | 8 | $537 | 48.3 | **67.4** | **59.6** | 76.3 |
| RENK | RS301NX | RRX | 3.1 | 61.7 | 9.7 | 8 | $525 | **57.7** | 58.5 | 54.1 | 76.5 |
| KRUGER | K2X-2971 | RRX | 2.9 | 60.5 | 8.6 | 8 | $517 | **56.1** | 62.6 | 48.5 | 74.9 |
| CHANNEL | 2820R2X GC | RRX | 2.8 | 60.3 | 8.6 | 4 | $514 | **55.7** | 63.0 | 49.7 | 72.6 |
| CREDENZ | CZ 3099GTLL | LLGT27 | 3.0 | 60.1 | 11.3 | 8 | $511 | 48.6 | 61.0 | 53.3 | 77.5 |
| HOEGEMEYER | 2970 E | E3 | 2.9 | 60.0 | 9.9 | 9 | $511 | 51.5 | 56.1 | 53.6 | 78.8 |
| GOLDEN HARVEST | GH3042E3 | E3 | 3.0 | 59.7 | 10.1 | 4 | $510 | 40.9 | 62.0 | **57.5** | 78.3 |
| P3 GENETICS | 2029E | E3 | 2.9 | 59.6 | 10.2 | 4 | $507 | 46.3 | 57.0 | 55.3 | **79.7** |
| CORNELIUS | CB29X33 | RRX | 2.9 | 59.4 | 9.2 | 8 | $506 | 50.8 | 57.5 | 52.6 | 76.7 |
| TITAN PRO | 30E9 | E3 | 3.0 | 59.4 | 9.8 | 5 | $507 | 40.1 | 63.6 | 56.2 | 77.6 |
| NK BRAND | S28-E3 | E3 | 2.8 | 59.1 | 9.3 | 8 | $504 | 42.6 | 59.1 | **58.0** | 76.7 |
| GENESIS | G2840E | E3 | 2.8 | 59.1 | 9.5 | 4 | $504 | 40.2 | 62.0 | 53.8 | **80.3** |
| ARMOR | A28-E89 | E3 | 2.8 | 58.9 | 9.4 | 8 | $503 | 46.4 | 63.5 | 54.2 | 71.4 |
| HOEGEMEYER | 3030 E | E3 | 3.0 | 58.8 | 9.7 | 3 | $502 | **53.1** | 62.3 | 52.1 | 67.7 |
| PIONEER | P33A53X GC | RRX | 3.3 | 58.8 | 11.4 | 6 | $499 | 47.5 | 58.9 | 51.0 | 77.7 |
| LATHAM | E 3148 LLGT27 | LLGT27 | 3.1 | 58.7 | 9.7 | 4 | $501 | 50.6 | **65.1** | 49.4 | 69.7 |
| GOLDEN HARVEST | GH2818E3 | E3 | 2.8 | 58.6 | 9.2 | 10 | $500 | 43.7 | 56.4 | 54.9 | **79.5** |
| GENESIS | G3040E | E3 | 3.0 | 58.5 | 10.4 | 5 | $498 | 42.2 | 56.3 | **59.0** | 76.7 |
| GOLDEN HARVEST | GH3088X U | RRX | 3.0 | 57.7 | 10.1 | 10 | $492 | **52.5** | 55.1 | 53.8 | 69.5 |
| ARMOR | A30-E39 | E3 | 3.0 | 57.7 | 10.5 | 4 | $492 | 38.0 | 62.4 | 52.9 | 77.4 |
| TITAN PRO | 28E8 | E3 | 2.8 | 57.4 | 9.5 | 8 | $491 | 35.0 | 64.5 | 55.2 | 75.1 |
| APEX | AE3001 | E3 | 3.0 | 57.2 | 9.3 | 4 | $489 | 40.9 | 62.8 | 51.6 | 73.7 |
| NUTECH | 30N03E | E3 | 3.0 | 57.1 | 9.3 | 4 | $487 | 47.7 | 55.9 | 51.7 | 73.0 |
| STINE | 28EC32 U | E3 | 2.8 | 56.8 | 9.4 | 5 | $485 | 32.5 | **65.3** | 49.5 | **79.8** |
| DONMARIO | DM 31X61 | RRX | 3.1 | 56.7 | 10.1 | 6 | $484 | 45.5 | 60.9 | 49.6 | 70.9 |
| PIONEER | P28A42X CK | RRX | 2.8 | 57.0 | 9.5 | 4 | $487 | 41.3 | 62.2 | 47.5 | 77.1 |
| Averages = | | | | 58.4 | 9.8 | 7 | $498 | 46.1 | 59.7 | 52.7 | 75.1 |
| LSD (0.10) = | | | | 4.5 | 1.1 | 4.3 | | 5.8 | 5.2 | 4.6 | 4.0 |

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

# Soybean Results: IASO *(See site description on page 14)*

**ALL-SEASON TEST | MATURITY GROUP 2.6–3.4 | 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) | Cambria | Oakland | Washington‡ | Winterset |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FS HISOY | HS 34E80 | E3 | 3.4 | **73.6** | 8.7 | 1 | $654 | **54.6** | **70.4** | **85.3** | **84.2** |
| NUTECH | 35N03E | E3 | 3.5 | **69.2** | 8.6 | 1 | $614 | **51.2** | 64.7 | 76.3 | **84.5** |
| FS HISOY | HS 32E00 | E3 | 3.2 | **68.8** | 9.2 | 2 | $611 | **50.4** | 62.2 | **84.1** | 78.6 |
| GOLDEN HARVEST | GH3152E3S U | E3,ST | 3.1 | **68.3** | 8.5 | 2 | $607 | 41.9 | **70.9** | 76.2 | **84.2** |
| P3 GENETICS | 2136E | E3 | 3.6 | 67.7 | 8.9 | 1 | $601 | **53.2** | 59.6 | **79.2** | 78.7 |
| GOLDEN HARVEST | GH3582E3 | E3 | 3.5 | 67.4 | 8.6 | 1 | $599 | **55.8** | **67.0** | 65.8 | 81.2 |
| NUTECH | 36N03E | E3 | 3.6 | 67.3 | 9.3 | 1 | $598 | **48.3** | 56.4 | **81.5** | **83.1** |
| FS HISOY | HS 30X00 | RRX | 3.0 | 67.1 | 9.0 | 1 | $596 | 45.7 | **69.4** | **77.6** | 75.9 |
| TITAN PRO | 37E9 | E3 | 3.7 | 66.6 | 9.0 | 1 | $591 | **50.8** | 64.4 | 71.1 | 80.0 |
| KRUGER | K2X-3662 | RRX | 3.6 | 66.5 | 8.2 | 1 | $591 | **49.5** | 60.6 | **79.6** | 76.4 |
| CREDENZ | CZ 3480GTLL | LLGT27 | 3.4 | 66.5 | 9.1 | 1 | $590 | 45.1 | **66.9** | 70.3 | **83.5** |
| GENESIS | G3650E | E3 | 3.6 | 66.4 | 9.1 | 1 | $589 | 47.8 | 62.5 | **78.3** | 76.9 |
| CORNELIUS | CB36X22 | RRX | 3.6 | 66.2 | 8.9 | 1 | $588 | 39.5 | 65.2 | **79.8** | 80.4 |
| PIONEER | P33A53X GC | RRX | 3.3 | 66.1 | 9.3 | 1 | $587 | **54.5** | **67.8** | 65.5 | 76.6 |
| NK BRAND | S37-2E3S | E3,ST | 3.7 | 66.0 | 8.6 | 1 | $586 | 46.7 | 57.4 | **81.4** | 78.5 |
| HOEGEMEYER | 3591 E | E3 | 3.5 | 65.5 | 8.8 | 1 | $582 | **51.7** | 57.9 | **77.9** | 74.6 |
| TITAN PRO | 33E0 | E3 | 3.3 | 65.5 | 8.4 | 2 | $581 | 45.3 | **68.4** | 72.1 | 76.1 |
| NK BRAND | S35-E3 | E3 | 3.5 | 65.5 | 9.2 | 1 | $582 | 47.9 | **71.4** | 62.0 | 80.7 |
| CREDENZ | CZ 3099GTLL | LLGT27 | 3.0 | 65.4 | 9.9 | 1 | $581 | 45.8 | 64.7 | 70.0 | 81.1 |
| HOEGEMEYER | 2660 E | E3 | 2.6 | 65.3 | 8.5 | 1 | $580 | 37.2 | 64.5 | **79.0** | 80.5 |
| RENK | RS357NX | RRX | 3.5 | 65.0 | 8.8 | 2 | $578 | 36.9 | 63.5 | **80.8** | 78.9 |
| CREDENZ | CZ 2830GTLL | LLGT27 | 2.8 | 65.0 | 8.4 | 1 | $577 | 40.0 | **68.5** | 70.9 | 80.7 |
| FS HISOY | HS 35X00 | RRX | 3.5 | 64.9 | 8.6 | 2 | $576 | 42.5 | 62.6 | **76.6** | 77.9 |
| KRUGER | K2X-3384 | RRX | 3.3 | 64.6 | 8.7 | 1 | $574 | **52.0** | 60.1 | 71.4 | 75.0 |
| NUTECH | 34N06E | E3 | 3.4 | 64.6 | 9.3 | 1 | $574 | **50.1** | 62.6 | 65.5 | 80.3 |
| PIONEER | P28A42X GC | RRX | 2.8 | 64.5 | 8.6 | 1 | $573 | 41.9 | 63.6 | 70.0 | **82.4** |
| FS HISOY | HS 34X60 | RRX | 3.4 | 64.4 | 8.3 | 1 | $572 | 40.3 | **65.9** | 73.8 | 77.5 |
| GOLDEN HARVEST | GH3088X | RRX | 3.0 | 64.3 | 8.5 | 1 | $571 | 46.7 | 58.7 | **77.4** | 74.6 |
| APEX | AE3310 | E3 | 3.3 | 64.2 | 9.1 | 1 | $570 | 36.3 | 64.4 | **78.3** | 77.7 |
| KRUGER | K2X-2971 | RRX | 2.9 | 64.0 | 8.5 | 1 | $568 | 41.7 | 63.7 | 73.9 | 76.6 |
| Averages = | | | | 63.0 | 8.8 | 1 | $560 | 42.2 | 61.5 | 69.8 | 78.6 |
| LSD (0.10) = | | | | 5.1 | 0.7 | 0.6 | | 6.1 | 4.2 | 6.6 | 3.7 |

‡ 3 replications

| Product/Brand | Technology | Maturity | SCN | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| **APEX \| M.S. Technologies, L.L.C.**<br>www.mstechseed.com/<br>103 Avenue D, West Point, IA 52656 \| (800) 362-2510 | | | | | |
| AE2310 | E3 | 2.3 | R | CMBV,SA | IANCa, IANOb, IANWa, IASCa, MNSOb, NCSL, SDEC, SDSE, WISO |
| AE2510 | E3 | 2.5 | R | CMBV,SA | IANCa, IANOb, IASCa, IASO, ILNO, NCSL, SDSE, WISO |
| AE2610 | E3 | 2.6 | R | CMBV,SA | IANCb, IANWb, IASCa, IASO, NCSL |
| AE2800 | E3 | 2.8 | R | CMBV,SA | IANCb, IANWb, IASCb, IASO, ILNO, NCSL, NENE, SDSE |
| AE3001 | E3 | 3.0 | R | CMBV,SA | IASCb, IASO, ILNC, ILNO |
| AE3110 | E3 | 3.1 | R | CMBV,SA | IASCb, IASO, ILNC, ILNO, NENE, NESE |
| AE3310 | E3 | 3.3 | R | CMBV,SA | IASO, ILNC, ILNO, ILSC, NENE, NESE, OHNW |
| **ARMOR \| Armor Seed, LLC (WinField United)**<br>www.armorseed.com<br>20 Ferri Dr, Cleveland, MS 38732 \| (870) 336-2290 | | | | | |
| A23-E89 | E3 | 2.3 | MR | W | IASCa, WISO |
| A26-E89 | E3 | 2.6 | MR | W | IASCa |
| A28-E89 | E3 | 2.8 | MR | W | IASCb, IASO |
| A30-E39 | E3 | 3.0 | MR | W | IASCb, IASO |
| A33-E39 | E3 | 3.3 | MR | W | IASO |
| **ASGROW \| Asgrow Brand (Bayer CropScience)**<br>www.asgrow.com<br>800 N Lindbergh Blvd, St. Louis, MO 63167 \| (314) 694-1000 | | | | | |
| AG26X0 § | RRX | 2.6 | R | na | IANCb, IANWb, IASCa, IASO, ILNO, NCSL, NENE |
| AG26X8 § | RRX | 2.6 | R | na | IANCb, IANWb, IASCa, NCSL, NENE, OHNW, SDSE |
| AG27X0 § | RRX | 2.7 | R | na | IANWb, IASCa, ILNO, INNO, NCSL, OHNW, SDSE |
| AG29X9 § | RRX | 2.9 | R | na | IANCb, IASO, INCE, NENE |
| AG33X0 § | RRX | 3.3 | R | na | IASO, ILNC, ILNO, ILSC, INCE, INNO, MONOa, NESE, OHNW, PASE |
| **CHANNEL \| Channel Brand (Bayer CropScience)**<br>www.channel.com<br>800 N Lindbergh Blvd, St. Louis, MO 63167 \| (800) 768-6387 | | | | | |
| 2519R2X GC | RRX | 2.5 | S | na | IANWb, IASCa, NENE |
| 2820R2X GC | RRX | 2.8 | NA | na | IANCb, IANWb, IASCb, NENE |

| Product/Brand | Technology | Maturity | SCN | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| **CORNELIUS \| Cornelius Seed**<br>www.corneliusseed.com<br>14760 317th Ave, Bellevue, IA 52031 \| (800) 218-1862 | | | | | |
| CB27X81 | RRX | 2.7 | R | PG+ | IANCb, IASCa, NCSL |
| CB29X33 | RRX | 2.9 | R | PG+ | IASCb, ILNO, NCSL |
| CB33X17 | RRX | 3.3 | R | PG+ | IASO, ILNC, ILNO |
| CB36X22 | RRX | 3.6 | R | PG+ | IASO, ILNC |
| **CREDENZ \| Credenz (BASF)**<br>www.agriculture.basf.us/crop-protection/products/credenz.html<br>26 Davis Dr, Research Triangle Park, NC 27709 \| (973) 245-6000 | | | | | |
| CZ 2360GTLL | LLGT27 | 2.3 | MR | PV,IL,OB | IANCa, IANOb, IANWa, IASCa, MNSCb, MNSOb, SDEC, SDSE |
| CZ 2550GTLL | LLGT27 | 2.5 | MR | PV,IL,OB | IANCa, IANOb, IANWb, IASCa, NENE, SDSE |
| CZ 2760GTLL | LLGT27 | 2.7 | R | PV,IL,OB | IANCb, IANWb, IASCa, IASO, INNO, NENE, PASE, SDSE |
| CZ 2830GTLL | LLGT27 | 2.8 | R | PV,IL,OB | IANCb, IANWb, IASCb, IASO, NENE, PASE, SDSE |
| CZ 2910GTLL | LLGT27 | 2.9 | R | PV,IL,OB | IANCb, IASCb, IASO, PASE |
| CZ 3099GTLL | LLGT27 | 3.0 | R | PV,IL,OB | IASCb, IASO, INNO, NENE, NESE, PASE |
| CZ 3309GTLL | LLGT27 | 3.3 | R | PV,IL,OB | IASO, MONOa, PASE |
| CZ 3480GTLL | LLGT27 | 3.4 | R | PV,IL,OB | IASO, KSNE, MONOa, NENE, NESE |
| CZ 3519GTLL | LLGT27 | 3.5 | MR | PV,IL,OB | DMNO, IASO, MOCE, MONOa, NESE, PASE |
| CZ 3660GTLL | LLGT27 | 3.6 | R | PV,IL,OB | IASO, INCE, KSNE, MOCE, NESE, PASE |
| **DONMARIO \| Donmario Seeds, Inc.**<br>www.donmario.com/en/usa/home<br>454 E 300 N Rd, Gibson City, IL 60936 \| (217) 784-8475 | | | | | |
| DM 31X61 | RRX | 3.1 | R | CMBV,SA | IASCb, IASO, ILNC, ILNO, INCE, INNO, NENE, NESE, OHNW |
| **FS HISOY \| FS HiSoy (GROWMARK, Inc.)**<br>www.fssystem.com/Products-Services/Agriculture/FS-Seed/FS-HiSOY<br>1701 Towanda Ave, Bloomington, IL 61701 \| (309) 557-6000 | | | | | |
| HS 23X70 | RRX | 2.3 | R | ACi,SA | IANCa, IANOb, IANWa, IASCa, NCSL, WISO |
| HS 24X80 | RRX | 2.4 | R | ACi,SA | IANCa, IANOb, IANWa, IASCa, ILNO, INNO, NCSL, OHNW, WISO |

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

| Product/Brand | Technology | Maturity | SCN | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| HS 25E00 | E3 | 2.5 | R | ACi,SA | IANWb, IASCa, ILNO, INNO, NCSL, OHNW |
| HS 27X90 | RRX | 2.7 | R | ACi,SA | IANCb, IANWb, IASCa, IASO, ILNO, INNO, NCSL |
| HS 28X70 | RRX | 2.8 | R | ACi,SA | IANCb, IANWb, IASCb, ILNO, INNO, NCSL |
| HS 30X00 | RRX | 3.0 | R | ACi,SA | IASCb, IASO, ILNC, ILNO, INCE, INNO, OHNW |
| HS 32E00 | E3 | 3.2 | R | ACi,SA | IASCb, IASO, ILNC, ILNO, INCE, INNO, MONOa, OHNW |
| HS 32X90 | RRX | 3.2 | R | ACi,SA | IASCb, IASO, ILNC, ILNO, INCE, INNO, MONOa, OHNW |
| HS 34E80 | E3 | 3.4 | R | ACi,SA | IASO, ILNC, ILSC, INCE, MONOa, OHNW |
| HS 34X60 | RRX | 3.4 | R | ACi,SA | IASO, ILNC, INCE, INNO, OHNW |
| HS 35X00 | RRX | 3.5 | R | ACi,SA | IASO, ILNC, ILSC, ILSO, INCE, MOCE, MONOa |
| **GENESIS \| M.S. Technologies, L.L.C.**<br>www.mstechseed.com/<br>103 Avenue D, West Point, IA 52656 \| (800) 362-2510 | | | | | Genesis |
| G2550E | E3 | 2.5 | R | CMBV,SA | IANCa, IANOb, IANWb, IASCa, IASO, ILNO, NCSL, OHNW, SDSE, WISO |
| G2840E | E3 | 2.8 | R | CMBV,SA | IANCb, IASCb, IASO, ILNO, NCSL |
| G3040E | E3 | 3.0 | R | CMBV,SA | IASCb, IASO, ILNC, ILNO, NENE, OHNW |
| G3350E | E3 | 3.3 | R | CMBV,SA | IASO, ILNO, ILSC, NENE, NESE, OHNW |
| G3650E | E3 | 3.6 | R | CMBV,SA | IASO, KSNE, NESE |
| **GOLDEN HARVEST \| Golden Harvest Brand (Syngenta)**<br>www.goldenharvestseeds.com<br>2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 \| (800) 944-7333 | | | | | Golden Harvest |
| GH2230X | RRX | 2.2 | R | CMBV,SA | IANCa, IASCa, MNSOb, WISO |
| GH2329X | RRX | 2.3 | MR | CMBV,SA | IANCa, IANOb, IANWa, IASCa, SDSE, WISO |
| GH2552X | RRX | 2.5 | MR | CMBV,SA | IANCa, IANWb, IASCa, INNO, OHNW, WISO |
| GH2788X § | RRX | 2.7 | R | CMBV,SA | IANCb, IASCa |
| GH2818E3 | E3 | 2.8 | MR | CMBV,SA | IASCb, ILNO, NCSL |
| GH3042E3 | E3 | 3.0 | R | CMBV,SA | IASCb, IASO |
| GH3088X | RRX | 3.0 | R | CMBV,SA | IASO, ILNO, INNO, NENE, OHNW |
| GH3152E3S | E3,ST | 3.1 | MR | CMBV,SA | IASCb |
| GH3347X | RRX | 3.3 | R | CMBV,SA | IASO, ILNC, ILNO |
| GH3546X | RRX | 3.5 | R | CMBV,SA | IASO, ILNC, ILSC, ILSO, INCE |
| GH3582E3 | E3 | 3.5 | R | CMBV,SA | IASO, ILNC, ILSC, ILSO, INCE, MONOa |
| **HOEGEMEYER \| Hoegemeyer Hybrids (Corteva Agriscience)**<br>www.therightseed.com<br>1755 Hoegemeyer Rd, Hooper, NE 68031 \| (800) 245-4631 | | | | | HOEGEMEYER |
| 2660 E | E3 | 2.6 | R | Lum,Lu,IL | IANCb, IANWb, IASCa, IASO, NENE, SDSE |
| 2970 E | E3 | 2.9 | R | Lum,Lu,IL | IANCb, IASCb, IASO, NENE |
| 3030 E | E3 | 3.0 | R | Lum,Lu,IL | IASCb |
| 3350 E | E3 | 3.3 | R | Lum,Lu,IL | IASO, MONOa, NENE, NESE |
| 3521 SE | E3 | 3.5 | R | Lum,Lu,IL | IASO, KSNE, MONOa, NESE |
| 3591 E | E3 | 3.5 | R | Lum,Lu,IL | IASO, KSNE, MONOa, NESE |
| **KRUGER \| Kruger Seeds (Bayer CropScience)**<br>www.krugerseed.com<br>33730 160th St, Cedar Falls, IA 50613 \| (800) 772-2721 | | | | | Kruger SEEDS |
| K2X-2573 | RRX | 2.5 | R | ACi,IL | IANCa, IANOb, IANWb, IASCa |
| K2X-2673 | RRX | 2.6 | R | ACi,IL | IANCb, IANWb, IASCa, IASO |
| K2X-2971 | RRX | 2.9 | R | ACi,IL | IANCb, IASCb, IASO |
| K2X-3384 | RRX | 3.3 | R | ACi,IL | IASO |
| K2X-3552 | RRX | 3.5 | R | ACi,IL | IASO |
| K2X-3662 | RRX | 3.6 | R | ACi,IL | IASO |
| **LATHAM \| Latham Hi-Tech Seeds**<br>www.lathamseeds.com<br>131 180th St, Alexander, IA 50420 \| (877) 465-2842 | | | | | Latham HI-TECH SEEDS |
| E 3148 LLGT27 | LLGT27 | 3.1 | R | SS+ | IASCb, NENE |
| L 2379 E3 | E3 | 2.3 | R | SS+ | IANCa, IANOb, IASCa, MNSOb, SDEC, SDSE, WISO |
| L 2578 LLGT27 | LLGT27 | 2.5 | R | SS+ | IASCa, SDSE, WISO |
| L 2638 E3 | E3 | 2.6 | R | SS+ | IANCb, IANWb, IASCa, SDSE |
| L 2682 R2X | RRX | 2.6 | R | SS+ | IANCb, IASCa |
| L 2887 R2X | RRX | 2.8 | R | SS+ | IANWb, IASCb, NCSL, NENE, SDSE |
| L 2894 E3 | E3 | 2.8 | R | SS+ | IANCb, IASCb, NCSL, NENE, SDSE |
| L 3197 R2X | RRX | 3.1 | R | SS+ | IASCb, NENE |

| Product/Brand | Technology | Maturity | SCN | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| **NK BRAND \| NK Brand (Syngenta)**<br>www.nkseeds.com<br>2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 \| (800) 258-0521 | | | | | |
| S23-G5X | RRX | 2.3 | MR | CMBV,SA | IANCa, IANOb, IANWa, IASCa, MNSOb, NCSL, SDEC, SDSE, WISO |
| S27-M8X § | RRX | 2.7 | R | CMBV,SA | IANWb, IASCa, IASO, ILNO, NCSL, PASE |
| S28-E3 | E3 | 2.8 | MR | CMBV,SA | IANWb, IASCb, ILNO, INNO, OHNW |
| S30-E3 | E3 | 3.0 | R | CMBV,SA | IASO, ILNO |
| S30-M9X | RRX | 3.0 | R | CMBV,SA | IASO, NCSL |
| S31-E3S | E3,ST | 3.1 | MR | CMBV,SA | IASCb |
| S35-E3 | E3 | 3.5 | R | CMBV,SA | IASO, ILNC, ILSC, MOCE |
| S37-2E3S | E3,ST | 3.7 | MR | CMBV,SA | IASO, ILNC, ILSC, ILSO, INCE, KSNE, MOCE, MONOa, PASE |
| **NUTECH \| NuTech Seed, LLC (Corteva Agriscience)**<br>www.nutechseed.com<br>201 Knollwood Dr, Champaign, IL 61820 \| (888) 647-3478 | | | | | |
| 24N02E | E3 | 2.4 | R | Lum,G,IL | IANCa, IANOb, IASCa, ILNO |
| 24N04E | E3 | 2.4 | R | Lum,G,IL | IANCa, IANOb, IASCa, ILNO |
| 26N04E | E3 | 2.6 | R | Lum,G,IL | IANCb, IASCa, IASO, ILNO |
| 28N02E | E3 | 2.8 | R | Lum,G,IL | IANCb, IASCb, IASO, ILNC, ILNO, INCE |
| 30N03E | E3 | 3.0 | R | Lum,G,IL | IASCb, IASO, ILNC, ILNO, INCE |
| 31N06E | E3 | 3.1 | R | Lum,G,IL | IASCb, IASO, ILNC, ILNO, INCE, MONOa |
| 34N06E | E3 | 3.4 | R | Lum,G,IL | IASO, ILNC, ILSC, INCE, MONOa |
| 35N03E | E3 | 3.5 | R | Lum,G,IL | IASO, ILNC, ILSC, ILSO, INCE, MOCE, MONOa |
| 36N03E | E3 | 3.6 | R | Lum,G,IL | IASO, ILNC, ILSC, ILSO, INCE, MOCE, MONOa |
| **P3 GENETICS \| M.S. Technologies L.L.C.**<br>www.mstechseed.com<br>103 Avenue D, West Point, IA 52656 \| (800) 362-2519 | | | | | |
| 2029E | E3 | 2.9 | R | PG+ | IASCb, IASO, ILNO |
| 2034E | E3 | 3.4 | R | PG+ | IASO, ILNC |
| 2126E | E3 | 2.6 | R | PG+ | IANCb, IASCa, NCSL |
| 2131E | E3 | 3.1 | R | PG+ | IASO, ILNO |
| 2136E | E3 | 3.6 | R | PG+ | IASO, ILNC |

| Product/Brand | Technology | Maturity | SCN | XXX | Region(s) Tested |
|---|---|---|---|---|---|
| **PIONEER \| DuPont Pioneer (Corteva Agriscience)**<br>www.pioneer.com<br>PO Box 454, Johnston, IA 50131 \| (800) 247-6803 | | | | | |
| P25A04X GC | RRX | 2.5 | R | na | IANWb, IASCa, IASO |
| P28A42X CK | RRX | 2.8 | NA | na | IASCa, IASCb |
| P29A25X GC | RRX | 2.9 | R | na | IASCb, IASO |
| P33A53X GC | RRX | 3.3 | R | na | IASCb, IASO |
| P35A33X GC | RRX | 3.5 | R | na | IASO |
| **RENK \| Renk Seed Co.**<br>www.renkseed.com<br>6809 Wilburn Rd. Sun Prairie, WI 53590 \| (800) BUY-RENK | | | | | |
| RS248NX | RRX | 2.4 | R | EcTC,SA | IANCa, IANOb, IANWa, IASCa, ILNO, NCSL, SDSE, WISO |
| RS250NX | RRX | 2.5 | R | EcTC,SA | IANCa, IANOb, IANWb, IASCa, ILNO, NCSL, SDSE, WISO |
| RS280NX | RRX | 2.8 | R | EcTC,SA | IANCb, IANWb, IASCb, IASO, ILNC, ILNO, NCSL, NENE, SDSE |
| RS301NX | RRX | 3.1 | R | EcTC,SA | IASCb, IASO, ILNC, ILNO |
| RS357NX | RRX | 3.5 | R | EcTC,SA | IASO, ILNC, ILSC, KSNE, NESE |
| **STINE \| Stine Seed Company**<br>www.stineseed.com<br>22555 Laredo Trail Adel, IA 50003 \| (800) 362-2510 | | | | | |
| 24EA12 § | E3 | 2.4 | R | na | IANOb, IASCa, ILNO, INNO, NCSL, OHNW, SDSE |
| 26EB23 § | E3 | 2.6 | R | na | IANWb, IASCa, IASO, ILNO, NENE |
| 28EC32 § | E3 | 2.8 | R | na | IASCb, ILNC, INCE, NENE |
| 33EC02 § | E3 | 3.3 | R | na | IASO, ILNC, ILSC, INNO, NESE, OHNW, PASE |
| **TITAN PRO \| Titan Pro SCI, Inc.**<br>www.titanprosci.com<br>1301 S 24th St, Clear Lake, IA 50428 \| (641) 357-7283 | | | | | |
| 25E0 | E3 | 2.5 | R | SA,A,R,G | IANCa, IANOb, IANWb, IASCa, NCSL, WISO |
| 28E8 | E3 | 2.8 | R | SA,A,R,G | IANCb, IANWb, IASCb, IASO, NCSL, SDSE |
| 30E9 | E3 | 3.0 | R | SA,A,R,G | IASCb, IASO |
| 33E0 | E3 | 3.3 | R | SA,A,R,G | IASO |
| 37E9 | E3 | 3.7 | R | SA,A,R,G | IASO |

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P.O. Box 1001
Urbana, IL 61803


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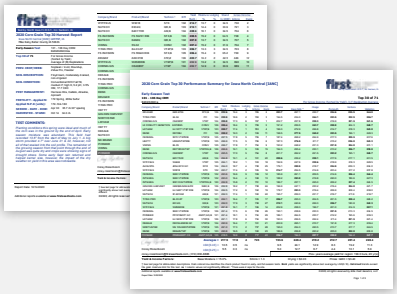

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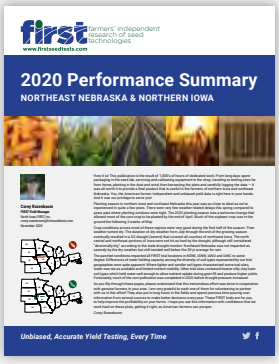


**Performance Summaries** highlight the results from regions operated by our Field Managers (see introduction on the front cover). Yield performances of the Top 30 products are compiled to help you **FIND THE BEST SEED PRODUCTS** for your farm. All editions are available at [www.firstseedtests.com/national-summary-reports/](www.firstseedtests.com/national-summar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

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