

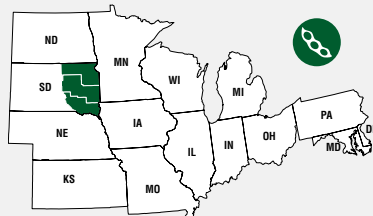
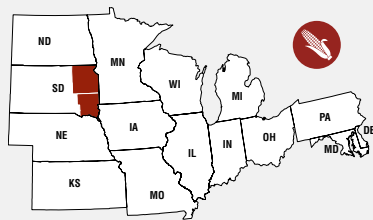
# 2020 Performance Summary

## SOUTH DAKOTA



**Mark Tollefson**

**FIRST Field Manager**  
MNS Seed Testing, LLC  
[mark.tollefson@firstseedtests.com](mailto:mark.tollefson@firstseedtests.com)  
November 2020



Spring planting conditions were really favorable for South Dakota, and there was plenty of moisture available in the soil profile. Some sites had been prevent plant the prior year and had cover crop going into 2020. There were some big rains just prior to and after planting at a few sites like Irene and Mansfield, SD. We found well-drained spots for the tests and generally had very good stands in both crops through July.

There were a few bean plots that showed evidence of dicamba drift, but no serious injury. One corn plot was accidentally sprayed with glyphosate, killing the conventional hybrids, though we recovered from that replanting those plots.

Most of the corn and beans plots had enough moisture through the mid-season, though the dry August affected all areas, Beresford in the southeast particularly. There was a hard frost in mid-September that hurt yields in the East Central region. There were some wind events but the low rainfall in the last half of the growing season was the biggest drag on yield potential, especially on elevated ground.

Harvest went very well with good weather, and fast drying grain. Yields were well above the 15-year average for both crops. Corn yields were good, on par with the 4 years prior to 2019's difficult season. Soybean yields had one of their highest yielding years in the Northeast region.

Many thanks to the hosts that lend us a hand making these tests possible. Grateful for the seed sponsors who choose to use independent seed testing to highlight their products. FIRST hopes you can use the yield performance results here to find the right seed products for your farm.

*Mark Tollefson*

# 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.

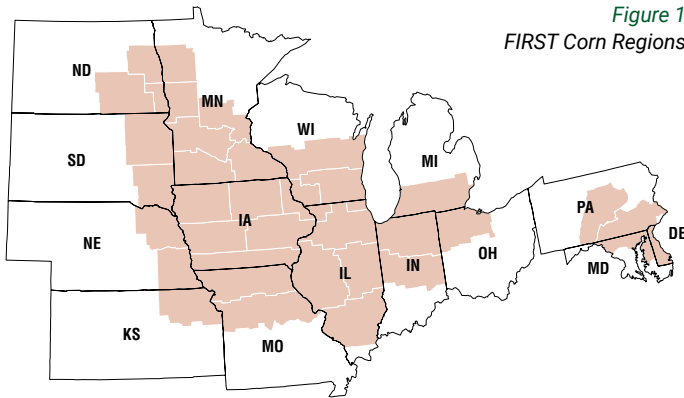


Figure 1  
FIRST Corn Regions

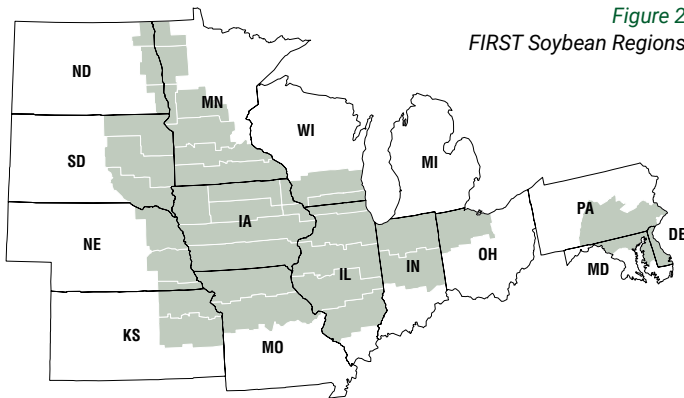


Figure 2  
FIRST Soybean Regions

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. x1234 CK), chosen by FIRST Managers to bridge results between early- and full-season tests, and Grower Comparison products (GC after the product name), often provided by host farmers for their knowledge as test space permits.

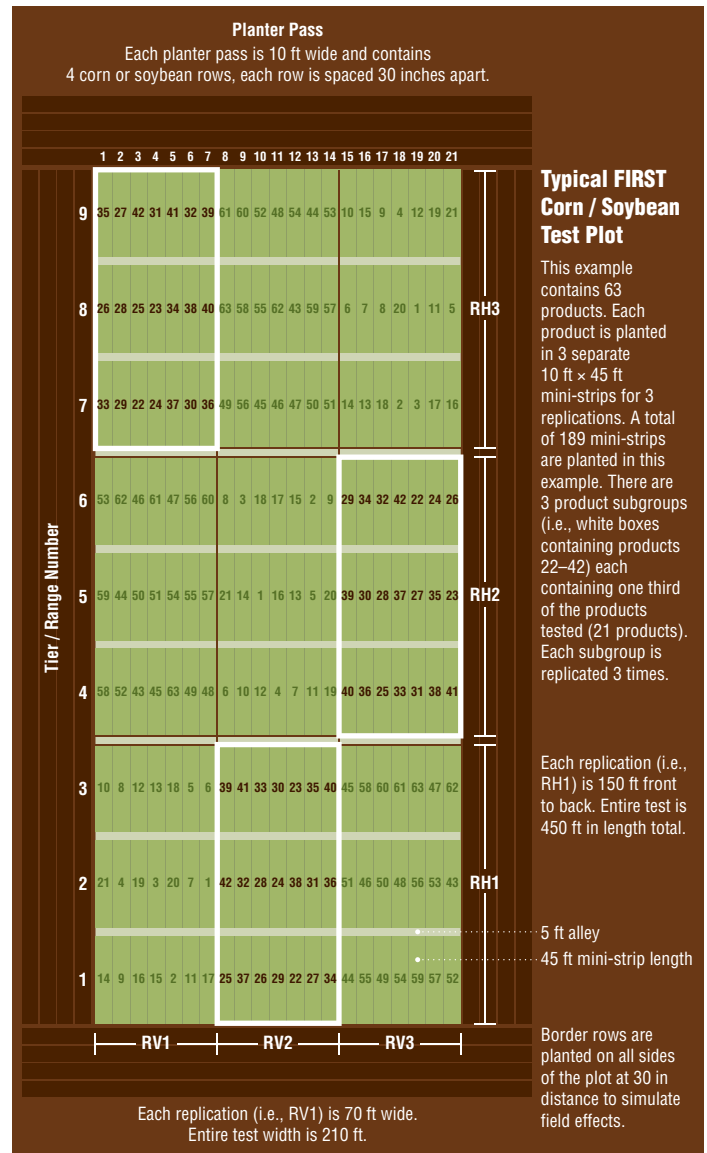
Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

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

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

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

Figure 3  
FIRST Test Plot Layout



## PERFORMANCE SUMMARIES

FIRST Corn Grain and Soybean Top 30 Harvest Reports are designed to identify high-yielding products at a single location. These reports are posted to [www.firstseedtests.com](http://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](http://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 South Dakota.

Figure 4 Corn Grain Performance Summary

EARLY-SEASON TEST 93-98 Day CRM   Top 30 of 48 tested											Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Yr Late	Color	Flour	High	Low		
Dairyland	DS3550AM	AM	95	219.9	24.1	1	\$759	1	272.2	188.1	148.6	220.6	270.0		
Thunder	6098 VT2P	VT2PB	98	219.5	24.0	1	\$756	2	249.7	224.0	157.1	206.1	260.5		
Renk	RS61DGV2P	VT2PDG	95	216.7	23.2	3	\$751	3	251.0	222.9	163.4	203.4	242.9		
Titian Pro	86-96 2P	VT2PB	96	215.1	24.0	1	\$742	4	255.5	215.0	151.1	210.2	245.7		

Figure 5 Soybean Performance Summary

ALL-SEASON TEST   MATURITY GROUP 3-3-4-3   Top 30 of 54 tested											Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Protein (%)	Oil (%)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Berlin	Forgh	Turcota	Vidua		
Dyna-Gro	S37X589	RRX.ST	3.7	<b>65.8</b>	34.7	18.9	12.5	3	\$592	<b>68.8</b>	<b>61.3</b>	<b>64.5</b>	<b>66.5</b>		
Great Heart	GT3711X3	RRX.ST	3.7	<b>65.5</b>	34.5	19.1	12.7	3	\$590	<b>67.8</b>	<b>62.7</b>	<b>66.8</b>	<b>64.8</b>		
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	<b>67.0</b>	56.1	<b>62.7</b>	<b>67.1</b>		

## PERFORMANCE MEASUREMENTS

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

For more yield results visit [www.firstseedtests.com](http://www.firstseedtests.com)  
FIRST does not make product endorsements.

## STATISTICS REPORTED

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

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

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

## OTHER INFORMATION

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

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

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

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

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

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

# TECHNOLOGY CODE LEGEND

## Product Suffix Key

<b>CK</b>	Check product found in early- and full- season tests
<b>GC</b>	Grower Comparison product from farmer cooperators or field manager
<b>S</b>	United Soybean Board sponsored entry

## Corn Seed Technology Key

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

## Corn Seed Treatment Key

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

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

## Soybean Seed Technology Key

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

## Soybean Seed Treatment Key

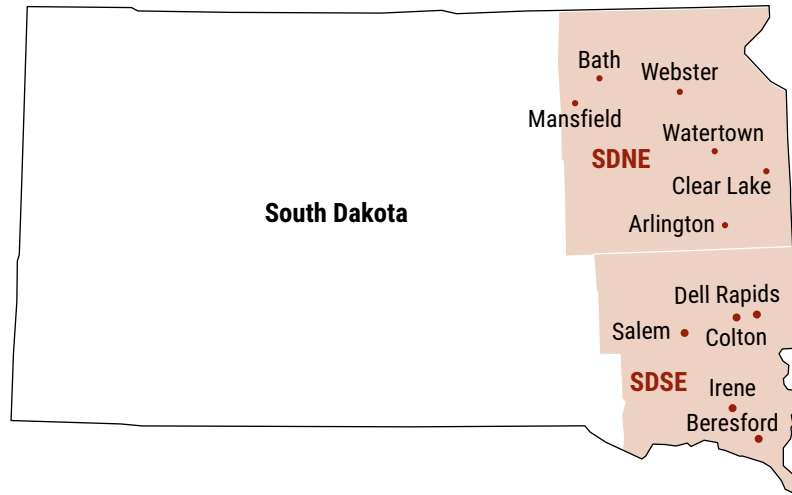
ABBREVIATION	DESCRIPTION
<b>na</b>	not available
<b>A2020</b>	Alert 2020 (Partners Brand Seed)
<b>AC</b>	Acceleron®, unspecified
<b>ACi</b>	Acceleron® Standard Insecticide-Fungicide
<b>ACi,IL</b>	Acceleron® Standard Insecticide-Fungicide, ILeVO™
<b>ACi,SA</b>	Acceleron® Standard Insecticide-Fungicide,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

## Soybean Cyst Nematode (SCN) Resistance Rating

CODE	SOYBEAN CYST NEMATODE DESCRIPTION
<b>NA</b>	information is not available
<b>S</b>	susceptible
<b>MR</b>	moderate resistance
<b>R</b>	resistant



# CORN REGIONS: SDNE, SDSE



## Site Description: SDNE (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
Arlington	Tim Bjorklund	sandy clay loam	no-till	soybean	184	15-May	3-Nov	30.1	191.2	181.4	8
Bath	Scott Sperry	silt loam	minimum	soybean	156	20-May	15-Oct	31.2	236.7	202.3	18
Clear Lake	Greg Lanners	silty clay loam	conventional	corn	170	30-Apr	31-Oct	30.3	201.4	194.3	14
Mansfield	Chris Fischbach	silt loam	minimum	soybean	176	20-May	15-Oct	31.4	241.4	207.3	1
Watertown	Myron Keltgen	silty clay loam	conventional	soybean	175	2-May	3-Nov	30.6	223.4	202.3	9
Webster	Fred Zenk	silty clay	no-till	oat	175	19-May	17-Oct	NR	NR	169.0	10
									<b>SDNE</b>	<b>179.1</b>	<b>19</b>

## Site Description: SDSE (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
Beresford	Jason Frick	sandy clay loam	conventional	soybeans	166	3-May	30-Oct	31.1	180.0	168.4	14
Colton	Floyd Snoozy	silty clay loam	conventional	soybean	153	27-Apr	28-Oct	30.2	228.6	213.3	12
Dell Rapids	Levi Brown	silty clay loam	minimum	soybean	165	30-Apr	29-Oct	29.6	243.9	202.3	2
Irene	Eric Mellum	loam	conventional	oat	207	12-May	30-Oct	30.8	235.6	–	new site
Salem	Ernie Christensen	loam	conventional	oat	200	8-May	28-Oct	NR	NR	191.9	10
									<b>SDSE</b>	<b>183.8</b>	<b>16</b>

## 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
SDNE	218.8	169.4	227.4	208.4	225.5	179.1	19
SDSE	222.0	167.4	233.5	217.0	217.6	183.8	16



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

**EARLY-SEASON TEST 91-95 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	Results in BOLD are significantly above test average.					
									Arlington†	Bath	Clear Lake	Mansfield	Watertown	Webster#
HEFTY	H4522VT2PRIB	VT2PB	95	<b>235.0</b>	16.7	1	\$813	1	<b>243.8</b>	241.1	209.9	248.2	232.0	134.1
ROB-SEE-CO	INNOTECH IC4166	3110A	91	<b>231.6</b>	16.6	1	\$802	2	218.1	239.5	211.3	242.8	<b>246.5</b>	117.1
THUNDER	T6094 VT2P	VT2PB	94	<b>231.1</b>	16.4	1	\$801	3	228.4	240.3	207.3	246.9	232.4	135.0
HEINE	6230	VT2PB	95	<b>230.5</b>	16.8	1	\$797	4	210.4	238.9	<b>224.9</b>	<b>252.8</b>	225.7	<b>161.3</b>
RENK	RK561DGV2PRIB	VT2PDG,B	95	228.6	17.2	1	\$788	6	217.6	248.2	211.9	238.8	226.6	139.5
HEFTY	H4332VT2PRIB	VT2PB	93	228.1	17.0	1	\$787	7	228.7	227.9	189.5	246.1	<b>248.4</b>	145.7
INTEGRA	4509 VT2PRIB	VT2PB	95	227.9	17.1	1	\$786	8	204.6	229.9	215.1	248.3	<b>241.5</b>	143.2
HEFTY	H4322VT2PRIB	VT2PB	93	227.4	16.4	1	\$788	5	221.2	<b>253.2</b>	200.1	239.0	223.8	116.9
TITAN PRO	82-95 2P	VT2PB	95	226.4	17.0	1	\$781	11	219.2	<b>252.0</b>	204.1	224.7	231.9	109.9
LATHAM	LH 4375 VT2P RIB	VT2PB	93	226.3	16.1	1	\$786	9	218.7	<b>257.5</b>	207.0	239.2	209.2	111.4
FEDERAL	4300 VT2PRIB	VT2PB	93	225.9	16.6	1	\$782	10	200.8	243.2	198.7	<b>253.2</b>	233.3	120.1
RENK	RK433VT2PRIB	VT2PB	92	225.6	16.5	1	\$781	12	221.4	236.5	210.5	231.9	227.7	105.9
LATHAM	LH 4454 VT2P RIB	VT2PB	94	225.2	17.2	1	\$776	14	204.4	233.9	200.1	<b>251.3</b>	236.4	133.8
DAIRYLAND	DS-3550AM	AM,B	95	224.8	17.0	1	\$776	15	208.9	250.4	196.1	<b>251.3</b>	217.5	137.0
THUNDER	T6992 VT2P	VT2PB	92	224.4	16.3	1	\$778	13	202.4	234.7	<b>220.4</b>	240.1	224.2	<b>153.7</b>
FEDERAL	4185 RR	RR2	91	223.5	16.9	1	\$772	18	204.1	<b>256.1</b>	198.0	237.3	222.1	147.6
HEINE	6450	VT2P	95	223.1	17.4	1	\$768	20	190.1	231.0	<b>226.4</b>	246.1	222.0	119.4
HEINE	6200	VT2PB	95	222.8	16.7	2	\$770	19	204.3	222.2	211.3	238.5	238.0	124.9
REA	3B912	VT2PB	91	222.6	15.8	1	\$774	16	210.1	241.4	202.7	219.2	239.6	140.2
FEDERAL	4160 VT2PRIB	VT2PB	91	222.3	15.8	1	\$774	17	222.0	229.4	204.5	232.8	222.8	122.4
RENK	RK568VT2P	VT2PB	95	220.8	16.6	1	\$764	21	186.0	242.1	199.3	<b>251.6</b>	225.2	116.3
THUNDER	T6993 VT2P	VT2PB	93	219.0	16.7	1	\$757	23	186.9	235.2	204.1	238.5	230.3	128.5
INTEGRA	4119 VT2PRIB	VT2PB	91	218.6	16.0	1	\$759	22	206.0	242.1	193.8	213.0	238.3	140.5
DAIRYLAND	DS-3162Q	QR,B	91	217.6	15.7	1	\$757	24	195.4	238.3	180.5	250.5	223.4	121.8
ROB-SEE-CO	RC4535	3110	95	217.6	16.7	1	\$753	26	<b>240.4</b>	207.7	184.9	239.1	215.7	110.7
GOLDEN HARVEST	G90Y04-5222A-EZR	5222A,B	92	217.5	17.4	1	\$749	29	210.5	245.4	193.8	219.4	218.7	110.0
FEDERAL	4400 VT2PRIB	VT2PB	94	217.5	15.8	1	\$756	25	189.5	236.9	201.9	244.0	215.3	117.4
FEDERAL	4190 VT2PRIB	VT2PB	91	216.7	16.2	1	\$752	27	224.4	207.7	192.9	238.7	220.0	129.8
INTEGRA	4041 VT2P	VT2P	90	215.8	15.9	1	\$750	28	213.5	214.5	201.0	242.2	207.9	131.2
LATHAM	LH 4517 VT2P RIB	VT2PB	95	214.7	16.3	1	\$745	30	209.0	219.9	178.7	235.3	230.6	141.3
DEKALB	DKC47-54RIB CK	STX,B	97	206.5	18.3	1	\$706	52	<b>178.7</b>	<b>236.5</b>	<b>188.2</b>	<b>223.6</b>	<b>205.7</b>	<b>137.2</b>
Averages =				<b>216.8</b>			<b>\$17</b>	<b>1</b>	<b>198.0</b>	<b>233.5</b>	<b>198.8</b>	<b>234.6</b>	<b>219.3</b>	<b>130.7</b>
LSD (0.10) =				13.0			\$1	ns	34.3	17.7	17.6	16.1	20.3	21.4

**FULL-SEASON TEST 96-100 Day CRM | Top 30 of 54 tested** **Results in BOLD are significantly above test average.**

HEINE	6575	VT2P	99	<b>232.3</b>	17.3	1	\$799	1	<b>201.3</b>	249.8	214.1	<b>262.7</b>	233.5	145.2
HEINE	6500	VT2P	98	230.0	17.1	1	\$793	2	168.9	251.4	<b>224.6</b>	252.5	<b>252.6</b>	116.5
FEDERAL	4990 VT2PRIB	VT2PB	99	229.9	17.7	1	\$789	4	187.7	232.4	<b>231.3</b>	<b>273.4</b>	224.8	131.6
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	229.4	18.0	1	\$785	9	198.2	<b>259.3</b>	210.9	250.6	228.0	127.5
HEFTY	H4842VT2P	VT2P	98	229.3	17.0	1	\$791	3	182.4	256.4	<b>222.2</b>	252.5	233.0	115.9
FEDERAL	4999 VT2PRIB	VT2PB	99	228.7	17.3	1	\$787	5	172.1	246.7	218.5	255.2	<b>251.1</b>	141.6
RENK	RK593VT2PRIB	VT2PB	97	228.0	16.7	1	\$787	6	183.9	245.9	214.3	245.2	<b>250.6</b>	<b>155.5</b>
REA	4B965	VT2PB	97	227.7	16.9	1	\$786	7	180.2	247.0	221.4	258.2	231.5	133.4
LATHAM	LH 4657 VT2P RIB	VT2PB	96	227.6	17.0	1	\$786	8	200.9	243.4	211.9	257.6	224.4	120.9
HEINE	7010	VT2P	100	227.5	17.4	1	\$783	10	196.4	249.1	203.5	250.5	238.0	140.3
TITAN PRO	22-00 2P	VT2PB	100	227.2	17.9	1	\$778	14	181.2	255.0	212.0	257.2	230.7	<b>156.7</b>
HEINE	6550VT2P	VT2P	99	227.0	17.5	1	\$779	13	181.2	<b>257.4</b>	209.4	258.2	228.6	127.2
DYNA-GRO	D39VC40	VT2P	99	226.8	17.1	1	\$782	11	194.3	248.4	196.3	242.6	<b>252.3</b>	128.7
INTEGRA	4888 VT2PRIB	VT2PB	98	226.6	17.0	1	\$782	12	199.3	227.8	219.3	254.8	231.7	130.7
DYNA-GRO	D40VC41	VT2P	100	226.5	17.9	1	\$776	18	188.8	247.2	201.8	257.2	237.6	128.6
LATHAM	LH 4937 VT2P RIB	VT2PB	99	226.4	17.6	1	\$778	15	171.2	246.5	207.8	246.5	<b>260.1</b>	136.0
RENK	RK579DGV2P	VT2PDG,B	99	226.1	17.7	1	\$775	19	187.9	237.7	200.9	<b>261.4</b>	242.4	140.6
LATHAM	LH 4669 SS RIB	STX,B	96	226.0	17.5	1	\$777	16	<b>204.9</b>	233.6	216.7	236.3	238.4	121.0
DAIRYLAND	DS-4014Q	QR,B	100	225.2	18.5	1	\$767	23	160.2	244.0	217.9	247.4	<b>256.6</b>	141.7
REA	4B976	VT2PB	97	225.0	17.0	1	\$776	17	191.7	243.6	191.0	257.3	241.6	146.3
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	224.5	17.9	1	\$769	21	178.9	246.3	206.6	<b>262.2</b>	228.7	105.8
HEINE	6360VT2P	VT2P	97	224.1	17.0	1	\$773	20	188.7	242.9	219.0	231.4	238.4	124.9
THUNDER	T6100 VT2P	VT2PB	100	223.7	17.8	1	\$767	24	182.9	237.9	202.0	257.5	238.4	133.5
TITAN PRO	92-99 2P	VT2PB	99	222.9	17.2	1	\$768	22	164.6	243.0	212.1	246.8	<b>248.2</b>	149.8
THUNDER	T6996 VT2P	VT2PB	96	222.5	17.3	1	\$766	25	<b>203.5</b>	242.2	207.6	259.8	199.6	130.9
INTEGRA	5081 DGV2PRIB	VT2PDG,B	100	222.5	17.6	1	\$764	27	170.1	231.6	212.5	256.8	241.3	133.9
RENK	RK600SSTX	STX,B	100	222.4	17.8	1	\$763	29	198.1	248.1	207.4	229.9	228.6	134.0
TITAN PRO	86-96 2P	VT2PB	96	221.8	17.0	1	\$765	26	175.6	231.1	215.8	253.2	233.5	119.4
THUNDER	T6098 VT2P	VT2PB	98	221.6	17.4	1	\$762	30	183.6	<b>265.0</b>	192.0	247.1	220.2	123.6
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	221.2	17.5	1	\$760	31	161.4	249.4	203.6	261.0	230.7	132.5
DEKALB	DKC47-54RIB CK	STX,B	97	222.6	17.8	1	\$763	28	<b>205.2</b>	<b>234.5</b>	<b>191.5</b>	<b>252.9</b>	<b>228.9</b>	<b>126.9</b>
Averages =				<b>220.9</b>			<b>\$18</b>	<b>1</b>	<b>183.7</b>	<b>240.0</b>	<b>204.1</b>	<b>248.2</b>	<b>228.1</b>	<b>130.6</b>
LSD (0.10) =				10.0			\$1	1	17.6	16.9	17.9	13.1	18.5	23.9







† 2 replications early-season test; # early- and full-season test results rejected, not included in summary




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

EARLY-SEASON TEST 98-102 Day CRM   Top 30 of 59 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	Beresford	Colton	Dell Rapids	Irene	Salem#	
DYNA-GRO	D43VC81	VT2P	102	<b>235.7</b>	15.7	1	\$819	1	194.9	<b>243.6</b>	243.7	<b>260.8</b>	243.0	
HEFTY	H5132VT2P	VT2P	101	<b>234.2</b>	15.0	1	\$817	2	196.5	231.6	<b>254.5</b>	<b>254.5</b>	245.6	
REA	5B994	VT2PB	99	<b>233.6</b>	15.2	1	\$815	3	186.3	237.0	<b>252.2</b>	<b>258.8</b>	249.2	
DYNA-GRO	D40VC41	VT2P	100	<b>233.0</b>	15.1	1	\$814	4	<b>206.9</b>	220.8	<b>259.0</b>	245.4	232.2	
INTEGRA	5280 VT2PRIB	VT2PB	102	<b>231.8</b>	15.4	1	\$807	5	<b>209.2</b>	<b>245.6</b>	241.5	231.1	224.9	
THUNDER	T6100 VT2P	VT2PB	100	231.3	15.1	1	\$807	6	194.0	225.9	249.2	<b>256.1</b>	247.1	
EPLEY	E1040	CONV	100	230.5	15.2	1	\$805	7	193.3	238.6	242.5	247.6	—	
LATHAM	LH 5077 VT2P RIB	VT2PB	100	230.0	15.0	1	\$802	8	190.1	229.9	<b>252.5</b>	247.4	244.1	
PIONEER	P0075Q GC	QR	100	229.7	15.7	1	\$798	10	<b>205.5</b>	237.3	243.6	232.3	246.6	
MILLER HYBRIDS	M98-70	CONV	98	229.3	15.2	1	\$799	9	180.3	230.6	<b>260.1</b>	246.3	—	
PIONEER	P9998Q GC	QR	99	228.5	15.4	1	\$795	11	185.2	<b>242.4</b>	249.7	236.9	252.7	
WYFFELS	W2506RIB	VT2PB	101	228.2	15.4	1	\$795	12	189.9	232.6	243.7	246.7	221.2	
HEFTY	H5212VT2PRIB	VT2PB	102	227.5	15.5	1	\$791	14	190.8	<b>250.7</b>	238.0	230.3	250.5	
HEINE	7010	VT2P	100	227.0	15.0	1	\$793	13	<b>202.1</b>	225.7	239.6	240.8	251.2	
HEINE	6550VT2P	VT2P	99	226.7	15.3	1	\$790	16	179.6	234.9	250.7	241.7	217.3	
MILLER HYBRIDS	M00-49	CONV	100	225.5	15.9	1	\$783	20	178.9	235.9	230.5	<b>256.9</b>	—	
DAIRYLAND	DS-4014Q	QR,B	100	225.5	15.3	1	\$785	17	198.5	227.5	231.3	244.7	<b>255.3</b>	
DAIRYLAND	DS-4018AM	AM,AQ,B	101	225.3	15.3	1	\$785	18	188.9	226.8	233.0	<b>252.5</b>	247.7	
HEINE	6500VT2PRIB	VT2PB	98	224.9	15.2	1	\$784	19	187.7	223.2	241.4	247.2	240.0	
WYFFELS	W2236RIB	VT2PB	99	224.8	15.4	1	\$782	21	167.0	<b>243.2</b>	240.8	248.1	230.5	
INTEGRA	5081 DGV2PRIB	VT2PDG,B	100	224.3	15.1	1	\$782	22	173.2	224.8	250.4	249.1	236.1	
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	223.9	15.0	1	\$780	23	168.0	237.8	247.0	242.7	246.8	
LATHAM	LH 4989 SS RIB	STX,B	99	223.5	15.2	1	\$779	24	186.3	227.5	229.0	251.3	225.1	
VIKING	52-00	CONV	100	222.9	15.1	1	\$778	25	188.0	240.5	228.5	234.8	—	
HEFTY	H4842VT2P	VT2P	98	222.6	15.2	1	\$776	26	179.0	236.6	251.1	223.6	246.4	
HEFTY	H4922VT2PRIB	VT2PB	99	221.9	15.2	1	\$774	28	185.6	230.2	236.7	234.9	233.2	
REA	5B984	VT2PB	98	221.8	14.9	1	\$774	27	178.3	225.4	251.5	232.1	241.3	
VIKING	44-98	CONV	98	220.8	15.1	1	\$771	29	<b>201.1</b>	223.1	212.0	247.1	—	
WYFFELS	W3018	STX	102	220.4	15.7	1	\$767	30	188.4	227.7	<b>255.3</b>	210.5	221.0	
TITAN PRO	84-01 VT2PRIB	VT2PB	101	220.1	15.5	1	\$765	31	173.8	236.1	236.8	233.8	177.4	
DEKALB	DKC54-64RIB CK	STX,B	104	227.6	15.7	1	\$791	15	192.8	228.9	239.9	248.9	249.5	
Averages =				221.0			\$15	1	183.2	227.0	237.2	236.6	235.9	
LSD (0.10) =				10.6			\$0	ns	16.9	13.8	14.8	15.6	17.6	
FULL-SEASON TEST 103-107 Day CRM   Top 30 of 59 tested										Results in BOLD are significantly above test average.				
HEINE	7450	VT2P	104	<b>237.8</b>	15.5	1	\$826	1	<b>199.1</b>	<b>241.5</b>	<b>269.8</b>	240.8	243.5	
WYFFELS	W4196RIB	VT2PB	105	<b>237.4</b>	16.0	1	\$823	2	186.5	<b>254.4</b>	<b>262.7</b>	246.0	<b>270.3</b>	
WYFFELS	W5516RIB	VT2PB	108	<b>232.7</b>	16.1	1	\$806	3	189.6	<b>251.1</b>	255.8	234.4	238.8	
HI FIDELITY GENETICS	HFG1071	CONV	107	<b>231.8</b>	15.8	1	\$804	4	185.5	231.8	256.2	<b>253.8</b>	—	
LATHAM	LH 5377 VT2P RIB	VT2PB	103	230.8	15.5	2	\$802	5	187.1	228.0	<b>266.1</b>	242.2	<b>264.9</b>	
VIKING	84-05	CONV	105	230.8	15.7	1	\$801	7	178.9	<b>243.7</b>	<b>266.1</b>	234.6	—	
REA	6A042	STX,B	104	230.5	15.6	1	\$802	6	<b>194.2</b>	237.8	241.8	248.1	248.2	
INTEGRA	5529 VT2PRIB	VT2PB	105	230.1	15.9	1	\$797	10	186.8	238.8	259.6	235.1	251.1	
LATHAM	LH 5635 VT2P RIB	VT2PB	106	230.0	15.6	1	\$799	8	179.9	233.0	249.3	<b>257.7</b>	231.0	
RENK	RK726H	PC	106	229.9	15.9	1	\$797	11	183.1	219.3	<b>273.2</b>	243.9	263.8	
DAIRYLAND	DS-4440AM	AM,B	104	229.9	16.0	2	\$797	12	192.3	232.6	251.3	243.3	261.9	
GOLDEN HARVEST	G05K08-5122A-EZR	5122A,B	105	229.8	16.1	1	\$795	14	192.6	235.5	258.4	232.6	249.9	
LATHAM	LH 5389 SS RIB	STX,B	103	229.8	15.6	1	\$798	9	178.8	237.9	249.8	<b>252.7</b>	238.4	
REA	6D054	VT2PDG,B	105	228.9	15.4	2	\$797	13	183.0	232.1	257.7	242.9	258.8	
TITAN PRO	82-04 2P	VT2PB	104	228.8	15.8	1	\$794	15	177.6	234.1	256.7	246.9	242.0	
VIKING	42-05	CONV	105	228.2	16.2	1	\$790	17	185.2	235.7	254.0	237.7	—	
LATHAM	LH 5487 VT2P RIB	VT2PB	104	227.9	16.0	1	\$790	19	179.5	233.7	257.4	240.9	250.8	
TITAN PRO	24-04	PC	104	227.8	15.8	1	\$791	16	183.2	224.8	260.4	243.0	256.9	
HEFTY	H5432VT2PRIB	VT2PB	104	227.6	15.6	1	\$790	18	161.2	225.1	<b>267.3</b>	<b>256.8</b>	254.1	
HEINE	7570	STX	105	227.2	15.8	1	\$787	20	167.4	<b>242.6</b>	252.1	246.8	232.7	
RENK	RK710DGV2P	VT2PDG,B	106	226.3	16.3	1	\$782	25	180.7	239.7	254.4	230.3	<b>276.2</b>	
THUNDER	T6004 VT2P	VT2PB	104	226.2	15.8	1	\$785	22	179.5	<b>242.0</b>	241.8	241.5	260.4	
HEFTY	H5442VT2P	VT2P	104	226.0	15.4	1	\$785	21	174.0	234.1	259.3	236.7	258.5	
REA	6B073	VT2PB	107	225.9	16.0	1	\$783	23	193.3	228.0	259.1	223.2	213.8	
INTEGRA	5719 VT2PRIB	VT2PB	107	225.8	16.2	1	\$780	27	171.7	<b>246.8</b>	256.2	228.5	247.7	
TITAN PRO	96-06 2P	VT2PB	106	225.2	15.7	1	\$783	24	173.2	225.5	249.9	<b>252.3</b>	242.4	
DEKALB	DKC54-36 GC	CONV	104	224.5	15.6	2	\$781	26	187.3	230.4	244.6	235.9	—	
PIONEER	P0688Q GC	QR	106	224.1	16.0	1	\$777	28	187.7	222.1	247.0	239.8	246.1	
WYFFELS	W4246	VT2P	105	224.1	16.0	1	\$777	29	183.3	240.2	253.4	219.7	244.1	
HEFTY	H5522VT2PRIB	VT2PB	105	223.8	16.0	1	\$776	30	182.4	232.4	252.0	228.3	254.9	
DEKALB	DKC54-64RIB CK	STX,B	104	219.2	15.6	1	\$761	46	173.4	207.2	250.5	245.9	235.7	
Averages =				223.0			\$16	1	176.8	230.2	250.7	234.2	243.0	
LSD (0.10) =				8.4			\$0	ns	16.9	10.3	11.3	14.7	20.8	

# early- and full-season test results rejected, not included in summary, herbicide damage to conventional hybrids

# CORN PRODUCTS TESTED

Product/Brand	Technology	Maturity	RIB	STrt	Region(s) Tested
<b>DAHLMAN   Dahلمان Seed Company LLP</b> www.dahlmansseed.com 73504 200th St, Dassel, MN 55325   (800) 289-7333					
					
R47-26VT2PRIB GC	VT2PB	94	Y	AC250	SDNEa
<b>DAIRYLAND   Dairyland Seed Co., Inc. (Corteva Agriscience)</b> www.dairylandseed.com PO Box 958, West Bend, WI 53095   (800) 236-0163					
					
DS-3162Q	QR,B	91	Y	Lum,P1V	MNEC, RRCEb, RRSOb, SDNEa
DS-3193AM	AM,B	91	Y	Lum,P1V	MNEC, RRCEb, RRSOb, SDNEa
DS-3345AM	AM,B	93	Y	Lum,P1V	MNEC, MNSOu, RRSOb, SDNEa
DS-3366Q	QR,B	93	Y	Lum,P1V	MNEC, MNSOu, RRSOb, SDNEa
DS-3550AM	AM	95	Y	Lum,P5V	MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
DS-3715AMRIB	AM,B	97	Y	Lum,P5V	MIS0a, MNSEa, MNWCa, SDNEb, WICEa
DS-3750AMRIB	AM,B	97	Y	Lum,P1V	MNSWa, MNWCa, SDNEb, WICEa
DS-3810Q	QR,B	98	Y	Lum,P1V	MIS0a, MNSEa, MNSWa, MNWCa, SDNEb, SDSEa, WICEa
DS-4000AMXTRIB	AMXT,B	100	Y	Lum,P1V	MIS0a, MNSEa, MNSWa, MNWCa, SDNEb, SDSEa, WICEb
DS-4014Q	QR,B	100	Y	Lum,P1V	MIS0a, MNSEa, MNSWa, MNWCa, SDNEb, SDSEa, WICEb, WISOa
DS-4018AM	AM,AQ,B	101	Y	Lum,P5V	ILNOu, MIS0a, MNSEa, MNSWa, MNWCa, NCTSa, SDSEa, WICEb, WISOa
DS-4310AMRIB	AM,B	104	Y	Lum,P5V	ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
DS-4440AM	AM,B	104	Y	Lum,P5V	ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
DS-4580Q	QR,B	104	Y	Lum,P5V	ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
<b>DEKALB   DeKalb Brand (Bayer CropScience)</b> www.dekalb.com 800 N Lindbergh Blvd, St. Louis, MO 63167   (800) 768-6387					
					
DKC47-54RIB CK	STX,B	97	Y	AC,P5VEDC-EL	SDNEa, SDNEb
DKC47-57RIB GC	STX,B	97	Y	AC,P5VEDC-EL	SDSEa
DKC49-44RIB GC	STX,B	99	Y	na	IANOu, SDNEb, SDSEb, WICEb
DKC54-36 GC	CONV	104	N	AC,P5VEDC-B	SDSEb
DKC54-64RIB CK	STX,B	104	Y	AC,P5VEDC-EL	SDSEa, SDSEb
<b>DYNA-GRO   Dyna-Gro Seed (Nutrien Ag Solutions)</b> www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538   (970) 685-3300					
					
D35VC35	VT2P	95	N	AC,P5VEDC-B	MNSOu, RRSOb, SDNEa
D39VC40	VT2P	99	N	AC,P5VEDC-B	MIS0a, SDNEb
D40VC41	VT2P	100	N	AC,P5VEDC-B	MNSEa, MNSWa, MNWCa, SDNEb, SDSEa
D43VC81	VT2P	102	N	AC,P5VEDC-B	IANWa, MIS0a, MNSEa, MNSWa, MNWCa, SDSEa
<b>EPLEY   Epley Bros. Hybrids, Inc.</b> 22494 Yale Ave, Shell Rock, IA 50670   (800) 728-6293					
					
E1040	CONV	100	N	Vf5	SDSEa
<b>FEDERAL   Federal Hybrids</b> www.federalhybrids.com 209 3rd St NE, West Bend, IA 50597   (515) 887-5888					
					
4160 VT2PRIB	VT2PB	91	Y	ACP2	SDNEa
4185 RR	RR2	91	N	ACP2MAG	SDNEa
4190 VT2PRIB	VT2PB	91	Y	ACP2MAG	SDNEa
4300 VT2PRIB	VT2PB	93	Y	ACP2MAG	MNEC, MNSOu, SDNEa
4400 VT2PRIB	VT2PB	94	Y	ACP2MAG	SDNEa
4680 VT2PRIB	VT2PB	96	Y	ACP2MAG	MNSOu, SDNEb, WICEa
4700 STXRIB	STX,B	97	Y	ACP5VMAG	MNSEa, SDNEb, WICEa
4800 VT2PRIB	VT2PB	98	Y	ACP2	MNWCa, SDNEb

Product/Brand	Technology	Maturity	RIB	STrt	Region(s) Tested
4990 VT2PRIB	VT2PB	99	Y	ACP2MAG	IANOu, MNSEa, SDNEb, WICEb
4999 VT2PRIB	VT2PB	99	Y	ACP2MAG	SDNEb
<b>GOLDEN HARVEST   Golden Harvest Brand (Syngenta)</b> www.goldenharvestseeds.com 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515   (800) 944-7333					
					
G00H12-5122-EZR	5122,B	100	Y	AVCC2Vi	IANOu, MIS0a, MNSWa, MNWCa, SDNEb, SDSEa, WICEb
G02K39-5122-EZR	5122,B	102	Y	AVCC2Vi	IANCa, MIS0a, MNSEa, MNSWa, MNWCa, NCTSa, SDSEa, WICEb, WISOa
G03R40-5222-EZR	5222,B	103	Y	AVCC2Vi	IANCa, IANWa, INNOa, MIS0a, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
G04G36-3111A	3111A	104	N	AVCC2Vi	IANWa, INNOa, KSNEa, MISOb, MNSEb, MNSWb, NCTSa, OHNWa, SDSEb, WISOa
G05K08-5122A-EZR	5122A,B	105	Y	AVCC2Vi	IANWa, SDSEb, WISOb
G90Y04-5222A-EZR	5222A,B	92	Y	AVCC2Vi	MNEC, RRCEb, SDNEa
G91V51-3110A	3110A	91	N	AVCC2Vi	MNEC, RRCEb, RRSOb, SDNEa
G96R61-5222-EZR	5222,B	96	Y	AVCC2Vi	MNEC, MNSOu, MNWCa, RRSOb, SDNEb, WICEa
G99E68-5122-EZR	5122,B	99	Y	AVCC2Vi	IANOu, MIS0a, MNSEa, MNSWa, SDNEb, SDSEa, WICEb, WISOa
<b>HEFTY   Hefty Seed Company</b> www.heftyseed.com 47504 252nd St, Baltic, SD 57003   (866) 769-7200					
					
H4102VT2PRIB	VT2PB	91	Y	HC	RRSOB, SDNEa
H4132VT2PRIB	VT2PB	91	Y	HC	MNEC, RRCEb, RRSOb, SDNEa
H4322VT2PRIB	VT2PB	93	Y	HC	MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
H4332VT2PRIB	VT2PB	93	Y	HC	MNSOu, MNWCa, RRSOb, SDNEa, WICEa
H4522VT2PRIB	VT2PB	95	Y	HC	MNSOu, SDNEa
H4612VT2PRIB	VT2PB	96	Y	HC	IANOu, MNSOu, SDNEb, WICEa
H4732VT2PRIB	VT2PB	96	Y	HC	IANOu, MNSOu, MNWCa, SDNEb, WICEa
H4842VT2P	VT2P	98	N	HC	IANOu, MNSEa, MNSWa, MNWCa, SDNEb, SDSEa
H4922VT2PRIB	VT2PB	99	Y	HC	IANOu, MNSEa, MNSWa, MNWCa, SDSEa, WICEb, WISOa
H4933VT2PDGRIB	VT2PDG,B	99	Y	HC	IANOu, MNSEa, MNWCa, SDNEb, SDSEa, WICEb, WISOa
H5003VT2PDGRIB	VT2PDG,B	100	Y	HC	IANOu, ILNOu, MNWCa, NCTSa, SDNEb, WICEb
H5132VT2P	VT2P	101	N	HC	IANCa, IANWa, MNSEa, MNSWa, SDSEa
H5212VT2PRIB	VT2PB	102	Y	HC	IANCa, MNWCa, NCTSa, SDSEa, WICEb
H5432VT2PRIB	VT2PB	104	Y	HC	IANCa, IANWa, ILNOu, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
H5442VT2P	VT2P	104	N	HC	ILNOu, MNSWb, SDSEb
H5444SS	STX	104	N	HC	IANWa, ILNOu, MNSEb, SDSEb, WISOa
H5522VT2PRIB	VT2PB	105	Y	HC	IANCa, ILNOu, ILWCa, MNSEb, MNSWb, NENEa, SDSEb, WISOb
H5624SSRIB	STX,B	106	Y	HC	IANWa, ILECa, ILNOa, ILWCa, MNSEb, MNSWb, NENEa, SDSEb, WISOb
<b>HEINE   Heine Hybrid Seed Corn</b> www.heineseeds.com 1014 E 320th St, Vermillion, SD 57069   (605) 677-8263					
					
6175VT2P	VT2P	93	N	AC,P5VEDC-B	SDNEa
6200	VT2PB	95	Y	AC250	SDNEa
6210	VT2P	95	N	AC,P5V	SDNEa
6230	VT2PB	95	Y	ACP2	SDNEa
6360VT2P	VT2P	97	N	AC,P5VEDC-EL	SDNEb
6450	VT2P	95	N	AC,P5VEDC-B	SDNEa



# CORN PRODUCTS TESTED

Product/Brand	Technology	Maturity	RIB	STrt	Region(s) Tested
6500	VT2P	98	N	AC,P2	SDNEb
6500VT2PRIB	VT2P,B	98	Y	AC,P2	MNSWa, SDSEa
6550VT2P	VT2P	99	N	AC,P5,EDC-EL	MNSWa, SDNEb, SDSEa
6575	VT2P	99	N	AC,P5,EDC-EL	MNSWa, SDNEb
7000STXRIB	STX,B	100	Y	P5V	SDSEa
7010	VT2P	100	N	AC,P5,EDC-B	MNSWa, SDNEb, SDSEa
7200	VT2P	102	N	AC,P5V	MNSWa, SDSEa
740	VT2P,B	103	Y	AC,P2	MNSWb, SDSEb
7450	VT2P	104	N	AC,P5,EDC-EL	MNSWb, SDSEb
7550	STX	106	N	AC,P5,EDC-EL	MNSWb, SDSEb
7570	STX	105	N	AC,P5,EDC-EL	MNSWb, SDSEb
7710	VT2P	107	N	AC,P2	MNSWb, NENEa, SDSEb

## HI FIDELITY GENETICS | Hi Fidelity Genetics

www.hifidelitygenetics.com  
326 W Geer St, Durham, NC 27701 | (515) HFG-SEED



HFG1001	CONV	100	N	AC,P5	IANOu, MNSEa, MNSWa, SDSEa
HFG1071	CONV	107	N	AC,P5	IANCb, IANWb, MNSEb, MNSWb, SDSEb

## INTEGRA | Integra Fortified Seed (Wilbur-Ellis)

www.integraseed.com  
2219 229th, Place Ames, IA 50014 | (515) 292-1300



4041 VT2P	VT2P	90	N	AC,P5,St,SU	RRCEb, RRSOa, SDNEa
4119 VT2PRIB	VT2P,B	91	Y	AC,P2,St,SU	RRCEb, RRSOb, SDNEa
4311 VT2P	VT2P	93	N	AC,P5,St,SU	MNWCa, RRSOb, SDNEa, WICEa
4509 VT2PRIB	VT2P,B	95	Y	AC,P2,St,SU	MNWCa, RRSOb, SDNEa, WICEa
4782 VT2PRIB	VT2P,B	97	Y	AC,P2,St,SU	MNSWa, MNWCa, SDNEb, WICEa
4888 VT2PRIB	VT2P,B	98	Y	AC,P2,St,SU	MNSWa, MNWCa, SDNEb, SDSEa, WICEa
5081 DGVT2PRIB	VT2PDG,B	100	Y	AC,P2,St,SU	IANCa, IANWa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
5280 VT2PRIB	VT2P,B	102	Y	AC,P2,St,SU	IANCa, IANWa, MNSWa, MNWCb, OHNWa, SDSEa, WICEb, WISOa
5351 5122-EZ	5122,B	103	Y	AVC,C2,Vi,St,SU	IANCa, IANWa, MNSWb, OHNWa, SDSEb, WISOa
5529 VT2PRIB	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,P5,St,SU	IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, MNSWb, NENEa, SDSEb, WISOb

## LATHAM | Latham Hi-Tech Seeds

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



LH 4242 VT2P RIB	VT2P,B	92	Y	AC250	RRCEb, RRSOb, SDNEa
LH 4375 VT2P RIB	VT2P,B	93	Y	AC250	MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
LH 4454 VT2P RIB	VT2P,B	94	Y	AC250	MNSOu, RRSOb, SDNEa, WICEa
LH 4517 VT2P RIB	VT2P,B	95	Y	AC250	IANOu, MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
LH 4657 VT2P RIB	VT2P,B	96	Y	AC250	IANOu, MNSOu, MNWCa, SDNEb, WICEa
LH 4669 SS RIB	STX,B	96	Y	AC,P5V	IANOu, MNSOu, MNWCa, SDNEb, WICEa
LH 4937 VT2P RIB	VT2P,B	99	Y	AC250	IANOu, MNSEa, MNSWa, MNWCb, SDNEb, WICEb, WISOa
LH 4989 SS RIB	STX,B	99	Y	AC,P5V	IANOu, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
LH 5047 VT2P RIB	VT2P,B	100	Y	AC250	IANOu, MNSEa, MNSWa, SDSEa, WICEb, WISOa
LH 5049 SS RIB	STX,B	100	Y	AC,P5V	MNWCb, SDSEa
LH 5077 VT2P RIB	VT2P,B	100	Y	AC250	MNSEa, MNSWa, SDSEa, WISOa

Product/Brand	Technology	Maturity	RIB	STrt	Region(s) Tested
LH 5377 VT2P RIB	VT2P,B	103	Y	AC250	IANCa, IANWa, MNSEb, MNSWb, NCTSa, SDSEb
LH 5389 SS RIB	STX,B	103	Y	AC,P5V	IANCa, IANWa, MNSEb, MNSWb, NCTSa, SDSEb
LH 5487 VT2P RIB	VT2P,B	104	Y	AC250	IANCa, NCTSa, SDSEb
LH 5517 VT2P RIB	VT2P,B	105	Y	AC250	IANWa, IAWCa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb
LH 5635 VT2P RIB	VT2P,B	106	Y	AC250	IANCa, IANWa, NENEa, SDSEb, WISOb

## MILLER HYBRIDS | Miller Hybrids

www.millerhybrids.com

1213 Larch Ave, Kalona, IA 52247 | (866) 946-CORN



M00-49	CONV	100	N	MSC	MNSWa, SDSEa
M05-72	CONV	105	N	MSC	IANWa, MNSWb, SDSEb
M07-02	CONV	107	N	AC,P5V	SDSEb
M98-70	CONV	98	N	MSC	SDSEa
M99-25	CONV	99	N	AC,P5V	SDSEa

## NK BRAND | NK Brand (Syngenta)

www.nkseeds.com

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



NK0243-5122-EZR	5122,B	102	Y	AVC,C2,Vi	IANCa, IANWa, ILNOu, MISOb, MNSEa, MNSWa, MNWCb, SDSEa, WICEb, WISOa
NK0472-5222-EZR	5222,B	104	Y	AVC,C2,Vi	IANCa, IANWa, IAWCa, ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, OHNWa, SDSEb, WISOa
NK0624-5222-EZR	5222,B	106	Y	AVC,C2,Vi	IANCa, IANWa, ILNOa, INNOa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb
NK0821-5122A-EZR	5122A,B	108	Y	AVC,C5,Vi	IANWb, NENEa, SDSEb
NK8920-5122-EZR	5122,B	89	Y	AVC,C2,Vi	MNEC, RRCEb, RRSOa, SDNEa
NK9175-3110A	3110A	91	N	AVC,C2,Vi	MNEC, MNSOu, RRCEb, RRSOb, SDNEa
NK9227-5222A-EZR	5222A,B	92	Y	AVC,C2,Vi	MNEC, MNSOu, RRCEb, RRSOb, SDNEa
NK9653-5222-EZR	5222,B	96	Y	AVC,C5,Vi	IANOu, MNEC, MNSOu, MNWCa, RRSOb, SDNEb, WICEa
NK9930-5122-EZR	5122,B	99	Y	AVC,C5,Vi	IANOu, SDNEb, SDSEa
NK9991-5122-EZR	5122,B	99	Y	AVC,C5,Vi	IANOu, MISOb, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb

## PIONEER | DuPont Pioneer (Corteva Agriscience)

www.pioneer.com

PO Box 454, Johnston, IA 50131 | (800) 247-6803



P0075Q GC	QR	100	N	na	MNSWa, SDNEb, SDSEa, WICEb
P0421Q GC	QR,B	104	Y	na	MNSEb, MNSWb, SDSEb
P0688Q GC	QR	106	N	na	MNSEb, MNSWb, SDSEb
P9188AMXT GC	AMXT	91	N	na	MNEC, RRSOb, SDNEa
P9492AM GC	AM,B	94	Y	na	IANOu, MNEC, MNSOu, MNWCa, SDNEa
P9998Q GC	QR	99	N	na	MNSWa, MNWCb, SDNEb, SDSEa

## REA | REA Hybrids (Bayer CropScience)




www.rea-hybrids.com




4745 6th Ave, SE Aberdeen, SD 57402 | (800) 592-1215



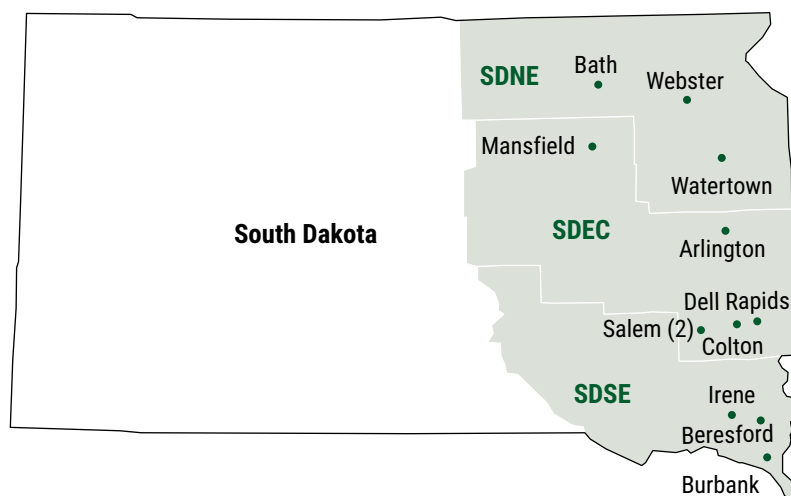
3B912	VT2P,B	91	Y	AC,P5,B360	RRCEb, SDNEa
3B923	VT2P,B	92	Y	AC,P2,B360	RRCEb, SDNEa
4B965	VT2P,B	97	Y	AC,P2,B360	SDNEb
4B976	VT2P,B	97	Y	AC,P5,B360	SDNEb
5B984	VT2P,B	98	Y	AC,P5,B360	SDSEa
5B994	VT2P,B	99	Y	AC,P5,B360	SDSEa
6A042	STX,B	104	Y	AC,PV5,B360	SDSEb
6B036	VT2P,B	103	Y	AC,P5,B360	SDSEb
6B073	VT2P,B	107	Y	AC,PV5,B360	SDSEb
6D054	VT2PDG,B	105	Y	AC,P5,B360	SDSEb

# CORN PRODUCTS TESTED

Product/Brand	Technology	Maturity	RIB	STt	Region(s) Tested
<b>RENK   Renk Seed Co.</b> <a href="http://www.renkseed.com">www.renkseed.com</a> 6809 Wilburn Rd, Sun Prairie, WI 53590   (800) BUY-RENK					
					
RK433VT2PRIB	VT2P,B	92	Y	AC,P2	MNEC, RRCEb, RRSOb, SDNEa
RK499VT2P	VT2P	94	N	AC,P2	MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
RK561DGV2PRIB	VT2PDG,B	95	Y	AC,P2	IANOu, MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
RK568VT2P	VT2P,B	95	Y	AC,P2	MNEC, MNSOu, MNWCa, RRSOb, SDNEa
RK579DGV2P	VT2PDG,B	99	Y	AC,P2	IANOu, MNWCb, SDNEb, WICEb
RK593VT2PRIB	VT2P,B	97	Y	AC,P2	IANOu, MISOA, MNSEa, MNSWa, MNWCa, SDNEb, WICEa
RK600SSTX	STX,B	100	Y	AC,P5V	IANOu, MISOA, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
RK621VT2PRIB	VT2P,B	103	Y	AC,P2	MISOA, NCTSa, SDSEb, WISOa
RK626SSTX	STX	102	N	AC,P5V	MNSEa, MNSWa, MNWCb, SDSEa, WICEb, WISOa
RK642VT2P	VT2P,B	103	Y	AC,P2	IANCa, IANWa, ILNOu, MISOA, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
RK695GTCBLLBL	3220	102	N	CM,C2	IANCa, IANWa, ILNOu, MISOA, MNSEa, MNSWa, MNWCb, NCTSa, SDSEa, WICEb, WISOa
RK700SSTX	STX	107	N	AC,P5V	IAECA, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, MISOb, MNSEb, MNSWb, NCTSa, NENEa, SDSEb, WISOb
RK710DGV2P	VT2PDG,B	106	Y	AC,P2	IAECA, IANCa, IANWa, IAWCa, ILNOa, MISOb, MNSEb, MNSWb, NCTSa, NENEa, SDSEb, WISOb
RK726H	PC	106	N	AC,P2	IAECA, IANCa, IANWa, IAWCa, ILECa, ILNOa, ILWCa, MISOb, MNSEb, MNSWb, NCTSa, NENEa, SDSEb, WISOb
<b>ROB-SEE-CO   Rob See Co</b> <a href="http://www.robseeco.com">www.robseeco.com</a> PO Box 129, Waterloo, NE 68069					
					
INNOTECH IC4166	3110A	91	N	AV,C2	RRCEb, RRSOb, SDNEa
RC4343	3220A,B	93	Y	CM,C2	RRSOb, SDNEa
RC4427	3220,B	94	Y	CM,C2	RRSOb, SDNEa
RC4535	3110	95	N	CM,C2	RRSOb, SDNEa
RC4688	3120,B	96	Y	AV,C2	SDNEb
RC4759	3110	97	N	CM,C2	SDNEb
RC4848	3000GT	98	N	CM,C2	SDNEb
<b>THUNDER   Thunder Seed, Inc.</b> <a href="http://www.thunderseed.com">www.thunderseed.com</a> 806 Center Ave W, Dilworth, MN 56529   (888) 684-8633					
					
T6004 VT2P	VT2P,B	104	Y	AC,P2	SDSEb
T6094 VT2P	VT2P,B	94	Y	AC,P2	MNEC, MNWCa, RRSOb, SDNEa, WICEa
T6098 VT2P	VT2P,B	98	Y	AC,P2	MNWCa, SDNEb, SDSEa, WICEa
T6100 VT2P	VT2P,B	100	Y	AC,P2	MNWCb, SDNEb, SDSEa
T6107 VT2P	VT2P,B	107	Y	AC,P2	SDSEb
T6595 VT2P	VT2P,B	95	Y	AC,P2	MNEC, MNWCa, RRSOb, SDNEa, WICEa
T6791 VT2P	VT2P,B	91	Y	AC,P2	MNEC, RRCEb, RRSOb, SDNEa
T6902 VT2P	VT2P,B	102	Y	AC,P2	MNWCb, SDSEa
T6905 VT2P	VT2P,B	105	Y	AC,P2	SDSEb

Product/Brand	Technology	Maturity	RIB	STt	Region(s) Tested
T6992 VT2P	VT2P,B	92	Y	AC,P2	MNEC, RRCEb, RRSOb, SDNEa
T6993 VT2P	VT2P,B	93	Y	AC,P2	MNEC, MNWCa, RRSOb, SDNEa, WICEa
T6996 VT2P	VT2P,B	96	Y	AC,P2	MNWCa, SDNEb, WICEa
T6999 VT2P	VT2P,B	99	Y	AC,P2	MNWCb, SDNEb, SDSEa
<b>TITAN PRO   Titan Pro SCI, Inc.</b> <a href="http://www.titanprosci.com">www.titanprosci.com</a> 1301 S 24th St, Clear Lake, IA 50428   (641) 357-7283					
					
20-05	STX,B	105	N	AC250	IANCa, MNSEb, MNSWb, SDSEb
22-00 2P	VT2P,B	100	Y	AC250	IANOu, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
24-04	PC	104	N	C2	IANCa, IANWa, MNSEb, MNSWb, SDSEb
26-00	5222,B	100	N	C2	IANOu, MNSEa, MNSWa, SDSEa
82-04 2P	VT2P,B	104	Y	AC250	IANWa, NCTSa, SDSEb, WISOa
82-95 2P	VT2P,B	95	Y	AC250	MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
84-01 VT2PRIB	VT2P,B	101	Y	AC250	MNSEa, MNSWa, SDSEa
86-96 2P	VT2P,B	96	Y	AC250	IANOu, MNSOu, MNWCa, SDNEb, WICEa
92-99 2P	VT2P,B	99	Y	AC250	IANOu, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
96-06 2P	VT2P,B	106	Y	AC250	IAECA, IANCa, IANWa, IAWCa, MNSEb, MNSWb, NCTSa, SDSEb, WISOb
<b>VIKING   Viking (Albert Lea Seed House, Inc.)</b> <a href="http://www.alseed.com/viking/">www.alseed.com/viking/</a> 1414 W Main St, Albert Lea, MN 56007   (800) 352-5247					
					
42-05	CONV	105	N	CM,C2Sb	IANCa, IANWa, MNSEb, MNSWb, SDSEb
44-98	CONV	98	N	CM,C2Sb	IANOu, MNSEa, MNSWa, SDSEa
51-04	CONV	104	N	CM,C2Sb	IANCa, IANWa, MNSEb, MNSWb, SDSEb
52-00	CONV	100	N	CM,C2Sb	IANOu, MNSEa, MNSWa, SDSEa
55-02	CONV	102	N	CM,C2Sb	IANCa, IANWa, MNSEa, MNSWa, SDSEa
84-05	CONV	105	N	CM,C2Sb	IANCa, IANWa, MNSEb, MNSWb, SDSEb
<b>WYFFELS   Wyffels Hybrids, Inc.</b> <a href="http://www.wyffels.com">www.wyffels.com</a> 13344 US Hwy 6, Geneseo, IL 61254   (800) 369-7833					
					
W1636RIB	VT2P,B	96	Y	AC250	MNSWa, SDSEa
W2198RIB	STX,B	100	Y	AC,P5V	IANOu, MNSEa, SDSEa
W2236RIB	VT2P,B	99	Y	AC250	IANOu, MNSEa, MNSWa, SDSEa, WISOa
W2506RIB	VT2P,B	101	Y	AC250	IANCa, IANWa, ILNOu, MNSEa, MNSWa, NCTSa, SDSEa, WISOa
W3018	STX	102	N	AC,P5V	IANCa, IANWa, ILNOu, MNSEa, MNSWa, NCTSa, SDSEa, WISOa
W4196RIB	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, NCTSa, SDSEb, WISOb
W5516RIB	VT2P,B	108	Y	AC250	IAECA, IANCb, IANWb, IAWCa, ILECa, ILWCa, MNSWb, SDSEb, WISOb

# SOYBEAN REGIONS: SDNE, SDEC, SDSE



## Site Description: SDNE (See soybean results table on page 10)

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Bath	Scott Sperry	silt loam	minimum	corn	NULL	20-May	14-Oct	116.5	66.3	51.0	14
Mansfield	Chris Fischbach	silt loam	minimum	corn	NULL	20-May	14-Oct	117.1	67.3	—	1
Watertown	Myron Keltgen	silty clay loam	minimum	corn	NULL	02-May	10-Oct	112.5	50.5	47.8	6
Webster	Fred Zenk	silty clay	no-till	corn	NULL	19-May	13-Oct	113.1	53.6	42.5	13
									<b>SDNE</b>	<b>49.4</b>	<b>15</b>

## Site Description: SDEC (See soybean results table on page 10)

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Arlington	Tim Bjorklund	silty clay loam	no-till	corn	NULL	15-May	11-Oct	117.9	49.0	46.4	8
Colton	Floyd Snoozy	silty clay loam	conventional	corn	NULL	11-May	07-Oct	118.4	64.3	60.6	10
Dell Rapids	Levi Brown	silty clay loam	no-till	corn	NULL	11-May	06-Oct	116.0	68.2	73.1	2
Salem	Ernie Christensen	loam	conventional	oat	NULL	08-May	08-Oct	118.5	62.2	54.5	11
									<b>SDEC</b>	<b>53.9</b>	<b>15</b>

## Site Description: SDSE (See soybean results table on page 11)

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Beresford	Jason Frick	silty clay loam	minimum	corn	NULL	03-May	10-Oct	115.2	38.7	46.6	14
Burbank	Tom Hall	silty clay loam	minimum	corn	NULL	12-May	08-Oct	117.1	56.9	—	new site
Irene	Eric Mellum	loam	conventional	oat	NULL	12-May	08-Oct	117.3	59.0	—	new site
Salem	Ernie Christensen	loam	conventional	oat	NULL	08-May	07-Oct	117.9	64.0	54.5	11
									<b>SDSE</b>	<b>51.7</b>	<b>15</b>

## SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2016–2020

FIRST Region	Average Yield by Year (Bu/A)					Since Inception	
	2020	2019	2018	2017	2016	Bu/A	#Years
SDNE	59.4	46.4	55.3	49.8	51.4	49.4	15
SDEC	60.9	47.0	57.8	61.5	60.2	53.9	15
SDSE	54.6	54.0	66.0	58.9	59.7	51.7	15

## Soybean Results: SDNE (See site description on page 9)

ALL-SEASON TEST | MATURITY GROUP 1.8-2.5 | Top 30 of 72 tested Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Bath	Mansfield	Watertown	Webster
GENESIS	G1250ES	E3	1.2	<b>65.6</b>	9.7	2	\$624	<b>82.9</b>	71.5	52.3	55.8
APEX	AE1210S	E3	1.2	<b>64.0</b>	9.7	3	\$608	72.7	<b>75.9</b>	50.0	57.5
ASGROW	AG11X8 U	RRX	1.1	<b>63.9</b>	9.4	2	\$608	70.7	<b>74.3</b>	48.8	<b>62.0</b>
LATHAM	L 1482 R2X	RRX	1.4	<b>63.5</b>	9.3	1	\$604	<b>78.6</b>	69.3	50.5	55.7
PIONEER	P11A44X GC	RRX	1.1	<b>63.5</b>	9.3	1	\$603	71.4	<b>74.1</b>	55.0	53.5
ZINESTO	Z1101E	E3	1.1	63.1	9.7	2	\$600	71.8	66.6	52.3	<b>61.8</b>
THUNDER	SB8015N	RRX	1.5	63.1	9.4	1	\$599	69.9	71.2	45.4	<b>65.8</b>
RENK	RS150NX	RRX	1.5	63.0	9.6	2	\$599	69.6	<b>74.4</b>	54.7	53.5
LG SEEDS	1550RX GC	RRX	1.5	62.6	9.4	2	\$595	67.6	70.3	47.9	<b>64.7</b>
LOYAL	L1320E	E3	1.3	62.5	9.6	2	\$594	68.5	71.7	55.5	54.3
LATHAM	L 1392 E3	E3	1.3	62.2	9.8	2	\$591	70.3	<b>73.2</b>	53.8	51.6
GOLDEN HARVEST	GH1638X	RRX	1.6	62.2	9.7	1	\$591	<b>73.4</b>	69.4	45.5	60.4
APEX	AE1010	E3	1.0	62.1	9.6	2	\$589	69.9	71.6	52.7	54.1
HEFTY	H11X8	RRX	1.1	62.0	9.8	2	\$589	68.5	69.8	54.3	55.4
LATHAM	L 1192 E3	E3	1.1	61.8	10.1	1	\$587	70.2	70.5	50.8	55.5
DYNA-GRO	S11EN40	E3	1.1	61.6	9.9	2	\$586	65.5	<b>73.8</b>	55.0	52.3
PROSEED	EL21-03	E3	1.0	61.5	9.5	1	\$584	62.9	<b>76.9</b>	53.7	52.4
RENK	RS149NX	RRX	1.4	61.5	9.2	2	\$584	72.4	65.3	50.2	57.9
HEFTY	H16X1	RRX	1.6	61.3	9.4	2	\$583	69.1	68.9	55.4	51.9
DAIRYLAND	DSR-1318E	E3	1.3	61.3	9.7	2	\$582	63.6	<b>73.3</b>	51.1	57.1
NK BRAND	S14-U9X U	RRX	1.4	61.2	9.3	1	\$581	72.1	70.1	47.1	55.4
GENESIS	G1340E	E3	1.3	61.0	9.6	2	\$580	64.4	64.1	55.5	60.2
PROSEED	EL21-23	E3	1.2	61.0	9.7	2	\$579	69.9	70.0	43.4	60.6
DYNA-GRO	S17EN80	E3	1.7	61.0	10.1	2	\$580	66.2	68.4	52.7	56.6
LATHAM	L 1648 LLGT27	LLGT27	1.6	60.9	9.8	2	\$579	66.4	68.4	54.6	54.3
NK BRAND	S16-K2X	RRX	1.6	60.8	10.0	2	\$578	66.6	69.6	47.1	60.1
STINE	13EA12 U	E3	1.3	60.8	9.6	2	\$577	64.8	68.7	53.6	55.9
ASGROW	AG14X8 U	RRX	1.4	60.7	9.5	2	\$577	71.1	67.4	53.7	50.9
THUNDER	TE7011N	E3	1.1	60.6	9.7	2	\$576	65.5	70.6	49.8	56.5
THUNDER	SB8012N	RRX	1.2	60.5	9.6	3	\$575	61.9	<b>74.0</b>	51.1	55.1
Averages =				<b>59.4</b>	<b>9.7</b>	<b>2</b>	<b>\$564</b>	<b>66.2</b>	<b>67.3</b>	<b>50.4</b>	<b>53.6</b>
LSD (0.10) =				3.9	0.4	1		6.6	5.4	5.9	7.1

‡ 3 replications

## Soybean Results: SDEC (See site description on page 9)

ALL-SEASON TEST | MATURITY GROUP 1.6-2.3 | Top 30 of 63 tested Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Arlington	Colton	Dell Rapids	Salem
GENESIS	G2150E	E3	2.1	<b>66.1</b>	9.2	6	\$628	49.6	69.1	<b>75.6</b>	<b>70.1</b>
APEX	AE2110	E3	2.1	<b>66.1</b>	9.4	7	\$628	<b>55.9</b>	<b>71.3</b>	69.3	<b>67.8</b>
APEX	AE1710	E3	1.7	<b>65.8</b>	9.1	2	\$626	51.1	<b>69.4</b>	72.4	<b>70.5</b>
HEFTY	H16X1	RRX	1.6	<b>65.5</b>	9.1	3	\$622	52.5	66.3	<b>75.0</b>	<b>68.2</b>
GOLDEN HARVEST	GH1915X U	RRX	1.9	<b>65.4</b>	8.8	2	\$622	<b>54.5</b>	63.8	<b>73.3</b>	<b>70.1</b>
ZINESTO	Z2001E	E3	2.0	<b>65.3</b>	9.0	7	\$621	52.3	<b>71.8</b>	<b>73.2</b>	64.1
APEX	AE2010	E3	2.0	<b>64.7</b>	9.2	4	\$615	53.0	66.6	72.3	<b>66.8</b>
LOYAL	L2130E	E3	2.1	<b>64.3</b>	9.3	6	\$612	52.2	68.9	68.8	<b>67.5</b>
HEFTY	H20X0	RRX	2.0	<b>64.2</b>	9.8	3	\$610	49.6	65.2	<b>75.7</b>	66.3
CREDENZ	CZ 2121GTLL	LLGT27	2.1	<b>64.0</b>	9.0	2	\$609	<b>55.4</b>	66.3	68.3	66.2
NK BRAND	S20-J5X U	RRX	2.0	63.8	8.8	3	\$606	<b>54.7</b>	63.9	67.3	<b>69.4</b>
GENESIS	G1950E	E3	1.9	63.5	9.3	4	\$603	50.1	61.2	72.4	<b>70.2</b>
GENESIS	G1650E	E3	1.6	63.5	8.9	2	\$603	50.8	66.5	69.5	<b>67.0</b>
LATHAM	L 1858 R2	RR2Y	1.8	63.3	9.2	2	\$601	<b>55.0</b>	67.5	65.0	65.7
CREDENZ	CZ 1660GTLL	LLGT27	1.6	63.2	9.2	2	\$601	52.9	62.7	71.5	65.8
STINE	19EC32 U	E3	1.9	63.2	9.2	5	\$601	50.2	62.6	70.3	<b>69.8</b>
NK BRAND	S23-G5X	RRX	2.3	62.7	9.0	3	\$596	52.1	64.4	71.7	62.6
CREDENZ	CZ 2360GTLL	LLGT27	2.3	62.6	9.4	3	\$595	46.6	67.5	71.4	65.0
ZINESTO	Z1701G	LLGT27	1.7	62.6	8.9	2	\$595	50.5	65.9	66.1	<b>68.0</b>
LATHAM	L 2184 R2X	RRX	2.1	62.1	9.3	3	\$590	50.5	67.6	71.9	58.4
PIONEER	P20T64E GC	E3	1.9	61.9	9.2	7	\$588	45.4	<b>69.9</b>	67.2	65.2
HEFTY	H23X0	RRX	2.3	61.9	9.4	2	\$588	<b>54.5</b>	60.4	<b>72.7</b>	60.0
LATHAM	L 2049 E3	E3	2.0	61.8	9.3	6	\$587	52.0	63.7	65.2	66.4
LATHAM	L 2295 R2X	RRX	2.2	61.6	9.3	2	\$585	46.9	65.9	<b>72.5</b>	61.1
THUNDER	TE7117N	E3	1.7	61.5	9.1	3	\$584	49.2	66.4	64.2	66.2
LOYAL	L1930E	E3	1.9	61.4	9.3	7	\$584	47.4	64.3	65.9	<b>68.2</b>
STINE	19EA32 U	E3	1.9	61.4	9.3	2	\$583	50.5	66.0	68.6	60.4
TITAN PRO	17E0	E3	1.7	61.3	9.1	3	\$583	48.7	66.9	64.0	65.8
GOLDEN HARVEST	GH2230X U	RRX	2.2	61.1	9.2	2	\$581	52.8	62.8	72.4	56.3
LATHAM	L 2193 E3	E3	2.1	61.0	9.4	3	\$580	48.6	62.8	67.1	65.8
Averages =				<b>60.9</b>	<b>9.3</b>	<b>3</b>	<b>\$579</b>	<b>49.0</b>	<b>64.3</b>	<b>68.2</b>	<b>62.3</b>
LSD (0.10) =				2.9	0.3	2.5		4.2	4.9	4.2	4.2



# Soybean Results: **SDSE** (See site description on page 9)

ALL-SEASON TEST | MATURITY GROUP 2.1-2.8 | 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)	Beresford	Burbank	Irene	Salem
CREDENZ	CZ 2360GTLL	LLGT27	2.3	<b>59.2</b>	8.8	2	\$562	39.1	<b>67.1</b>	63.4	67.3
LATHAM	L 2894 E3	E3	2.8	<b>59.2</b>	9.0	5	\$563	41.1	<b>63.9</b>	62.0	<b>69.9</b>
STINE	19GB62 U	LLGT27	1.9	<b>59.0</b>	8.8	3	\$560	36.5	<b>63.7</b>	<b>65.6</b>	<b>70.0</b>
ZINESTO	Z2101G	LLGT27	2.1	<b>58.5</b>	8.9	4	\$556	40.0	<b>62.4</b>	62.4	<b>69.4</b>
TITAN PRO	28E8	E3	2.8	<b>58.2</b>	9.0	4	\$553	39.4	<b>64.2</b>	59.1	<b>70.0</b>
DYNA-GRO	S25XT99	RRX	2.5	<b>58.1</b>	8.7	3	\$552	<b>45.2</b>	58.2	57.8	<b>71.2</b>
APEX	AE2800	E3	2.8	<b>58.0</b>	9.0	3	\$551	<b>43.7</b>	59.7	62.2	66.5
HEFTY	H23X0	RRX	2.3	57.4	8.8	3	\$546	<b>48.8</b>	47.4	<b>64.5</b>	69.0
LATHAM	L 2549 R2X	RRX	2.5	57.2	8.6	2	\$544	35.7	61.6	<b>65.2</b>	66.5
APEX	AE2110	E3	2.1	56.9	8.8	9	\$541	41.8	52.9	<b>64.5</b>	68.3
NK BRAND	S21-W8X U	RRX	2.1	56.9	8.8	2	\$541	40.2	56.6	62.1	68.6
GENESIS	G2150E	E3	2.1	56.7	9.1	4	\$539	39.4	61.3	61.1	65.1
LOYAL	L2130E	E3	2.1	56.7	8.7	5	\$539	36.9	55.7	62.6	<b>71.5</b>
DYNA-GRO	S27EN89	E3	2.7	56.5	8.8	4	\$537	38.2	61.5	58.7	67.5
CREDENZ	CZ 2760GTLL	LLGT27	2.7	56.1	8.9	3	\$533	42.7	59.8	55.5	66.4
RENK	RS280NX	RRX	2.8	55.9	8.9	4	\$532	<b>45.8</b>	54.9	60.9	62.2
ASGROW	AG26X8 U	RRX	2.6	55.9	8.8	4	\$531	40.1	53.5	62.1	67.9
APEX	AE2611	E3	2.6	55.9	9.0	5	\$531	42.0	57.8	55.2	68.7
ASGROW	AG21X9 U	RRX	2.1	55.7	8.7	2	\$529	37.5	55.2	<b>63.9</b>	66.0
NK BRAND	S23-G5X	RRX	2.3	55.6	8.8	5	\$529	43.5	54.7	60.5	63.9
LATHAM	L 2395 LLGT27	LLGT27	2.3	55.6	9.0	4	\$529	36.4	62.2	61.3	62.6
GOLDEN HARVEST	GH2329X	RRX	2.3	55.5	8.7	3	\$527	41.7	56.5	61.9	61.6
ASGROW	AG27X0 U	RRX	2.7	55.4	8.7	4	\$527	<b>44.7</b>	58.6	59.7	58.6
GENESIS	G2550E	E3	2.5	55.4	8.7	4	\$526	38.1	58.0	59.9	65.4
RENK	RS248NX	RRX	2.4	55.1	9.0	2	\$524	40.4	56.8	57.1	66.3
GENESIS	G2350E	E3	2.3	55.0	9.0	3	\$523	38.4	54.7	61.8	65.2
GOLDEN HARVEST	GH2788X	RRX	2.7	54.8	8.8	3	\$521	41.8	54.8	60.6	61.9
ZINESTO	Z2101E	E3	2.1	54.5	8.9	6	\$518	32.8	55.3	<b>64.7</b>	65.1
PIONEER	P21A28X GC	RRX	2.1	54.3	8.6	4	\$516	38.0	54.5	58.8	65.8
LATHAM	L 2839 LLGT27	LLGT27	2.8	54.3	9.0	3	\$516	38.8	60.8	57.8	59.7
Averages =				<b>54.6</b>	<b>8.8</b>	<b>4</b>	<b>\$519</b>	<b>38.7</b>	<b>56.9</b>	<b>59.0</b>	<b>64.0</b>
LSD (0.10) =				3.2	0.2	2		4.8	5.5	4.7	5.4



Unbiased, Accurate Yield Testing, Every Time

# Some See Fields, We See Data






## 2020 Corn & Soybean Performance Summaries








info@firstseedtests.com



# SOYBEAN PRODUCTS TESTED

Product/Brand	Technology	Maturity	SCN	Strt	Region(s) Tested
<b>APEX   M.S. Technologies, L.L.C.</b>					
www.mstechseed.com/ 103 Avenue D, West Point, IA 52656   (800) 362-2510					
AE1010	E3	1.0	R	CMBV,SA	MNNCb, RRS0a, SDNE
AE1210S	E3	1.2	R	CMBV,SA	MNNCb, RRS0b, SDNE
AE1300	E3	1.3	R	CMBV,SA	MNCEa, MNNCb, RRS0b, SDNE
AE1410	E3	1.4	R	CMBV,SA	MNCEa, MNNCb, SDNE
AE1710	E3	1.7	R	CMBV,SA	IANOa, MNCEb, MNCSca, MNS0a, SDEC, SDNE
AE1910	E3	1.9	R	CMBV,SA	IANOa, IANWa, MNCEb, MNCScb, MNS0a, SDEC, WISO
AE2010	E3	2.0	R	CMBV,SA	SDEC
AE2110	E3	2.1	R	CMBV,SA	IANCa, IANOa, IANWa, MNCScb, MNS0b, SDEC, SDSE, WISO
AE2310	E3	2.3	R	CMBV,SA	IANCa, IANOb, IANWa, IASCa, MNS0b, NCSL, SDEC, SDSE, WISO
AE2510	E3	2.5	R	CMBV,SA	IANCa, IANOb, IASCa, IASO, ILNO, NCSL, SDSE, WISO
AE2611	E3	2.6	R	CMBV,SA	SDSE
AE2800	E3	2.8	R	CMBV,SA	IANCb, IANWb, IASCb, IASO, ILNO, NCSL, NENE, SDSE
<b>ASGROW   Asgrow Brand (Bayer CropScience)</b>					
www.asgrow.com 800 N Lindbergh Blvd, St. Louis, MO 63167   (314) 694-1000					
AG11X8 §	RRX	1.1	R	na	MNNCb, RRS0b, SDNE
AG14X8 §	RRX	1.4	R	na	MNNCb, RRS0b, SDNE
AG17X8 §	RRX	1.7	R	na	IANOa, MNCEb, MNCSca, MNS0a, SDEC, SDNE
AG20X9 §	RRX	2.0	R	na	IANOa, MNCEb, MNCScb, MNS0b, SDEC, WISO
AG21X9 §	RRX	2.1	R	na	SDEC, SDSE
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
<b>CREDENZ   BASF</b>					
www.agriculture.basf.com/us/en.html 26 Davis Dr, Research Triangle Park, NC 27709   (919) 547-2000					
CZ 1660GTL	LLGT27	1.6	MR	PV,IL,OB	MNCEa, MNCSca, MNS0a, SDEC, SDNE
CZ 1859GTL	LLGT27	1.8	R	PV,IL,OB	IANOa, MNCEb, MNCSca, MNS0a, SDNE
CZ 2040GTL	LLGT27	2.0	R	PV,IL,OB	IANOa, IANWa, MNCEb, MNCScb, MNS0b, SDEC
CZ 2121GTL	LLGT27	2.1	MR	PV,IL,OB	IANCa, IANOa, IANWa, SDEC
CZ 2360GTL	LLGT27	2.3	MR	PV,IL,OB	IANCa, IANOb, IANWa, IASCa, MNCScb, MNS0b, SDEC, SDSE
CZ 2550GTL	LLGT27	2.5	MR	PV,IL,OB	IANCa, IANOb, IANWb, IASCa, NENE, SDSE
CZ 2760GTL	LLGT27	2.7	R	PV,IL,OB	IANCb, IANWb, IASCa, IASO, INNO, NENE, PASE, SDSE
CZ 2830GTL	LLGT27	2.8	R	PV,IL,OB	IANCb, IANWb, IASCb, IASO, NENE, PASE, SDSE
<b>DAIRYLAND   Dairyland Seed Co., Inc. (Corteva Agriscience)</b>					
www.dairylandseed.com PO Box 958, West Bend, WI 53095   (800) 236-0163					
DSR-1032E	E3	1.0	R	Lum,Lu,IL	MNNCb, SDNE
DSR-1318E	E3	1.3	R	Lum,Lu,IL	MNCEa, MNNCb, SDNE
DSR-1673E	E3	1.6	R	Lum,Lu,IL	MNCEa, MNCSca, MNS0a, SDEC, SDNE
DSR-2030E	E3	1.9	R	Lum,Lu,IL	MNCEb, MNCScb, MNS0a, SDEC, WISO
DSR-2112E	E3	2.1	R	Lum,Lu,IL	MNCScb, MNS0b, SDEC, WISO
DSR-2259E	E3	2.2	R	Lum,Lu,IL	MNCScb, MNS0b, NCSL, SDEC, WISO
DSR-2424E	E3	2.3	R	Lum,Lu,IL	NCSL, SDEC, WISO
E20-101E	E3	2.2	R	Lum,Lu,IL	MNCScb, MNS0b, SDEC, WISO
E24-201E	E3	2.3	R	Lum,Lu,IL	MNS0b, NCSL, SDEC, WISO
<b>DYNA-GRO   Dyna-Gro Seed (Nutrien Ag Solutions)</b>					
www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538   (970) 685-3300					
S11EN40	E3	1.1	R	EQV,SA	MNNCb, RRS0b, SDNE
S17EN80	E3	1.7	R	EQV,SA	MNCEb, MNCSca, MNS0a, SDEC, SDNE

Product/Brand	Technology	Maturity	SCN	Strt	Region(s) Tested
S19XT30	RRX	1.9	R	EQV,SA	MNCEb, MNCScb, MNS0a, SDEC
S25XT99	RRX	2.5	R	EQV,SA	SDSE
S27EN89	E3	2.7	R	EQV,SA	INNO, SDSE
S28XT58	RRX	2.8	R	EQV,SA	ILNO, INNO, NENE, SDSE
<b>GENESIS   M.S. Technologies, L.L.C.</b>					
www.mstechseed.com/ 103 Avenue D, West Point, IA 52656   (800) 362-2510					
G1050E	E3	1.0	R	CMBV,SA	MNNCb, RRS0a, SDNE
G1250ES	E3	1.2	R	CMBV,SA	MNNCb, RRS0b, SDNE
G1340E	E3	1.3	R	EcTC	MNCEa, MNNCb, RRS0b, SDNE
G1450E	E3	1.4	R	CMBV,SA	MNCEa, MNNCb, MNCSca, SDNE
G1650E	E3	1.6	R	CMBV,SA	MNCEa, MNCSca, MNS0a, SDEC, SDNE
G1750E	E3	1.7	R	CMBV,SA	IANOa, MNCSca, MNS0a, SDNE
G1950E	E3	1.9	R	CMBV,SA	IANOa, IANWa, MNCEb, MNCScb, MNS0a, SDEC, WISO
G2150E	E3	2.1	R	CMBV,SA	IANCa, IANOa, IANWa, MNCScb, MNS0b, NCSL, SDEC, SDSE, WISO
G2350E	E3	2.3	R	CMBV,SA	IANCa, IANOb, IANWa, MNCScb, NCSL, SDEC, SDSE, WISO
G2550E	E3	2.5	R	CMBV,SA	IANCa, IANOb, IANWb, IASCa, IASO, ILNO, NCSL, OHNW, SDSE, WISO
<b>GOLDEN HARVEST   Golden Harvest Brand (Syngenta)</b>					
www.goldenharvestseeds.com 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515   (800) 944-7333					
GH1225X §	RRX	1.2	R	CMBV,SA	SDNE
GH1414X §	RRX	1.4	R	CMBV,SA	SDNE
GH1638X	RRX	1.6	MR	CMBV,SA	MNCEa, MNS0a, SDEC, SDNE
GH1915X §	RRX	1.9	R	CMBV,SA	IANWa, MNS0a, SDEC
GH2230X §	RRX	2.2	R	CMBV,SA	IANOb, SDEC
GH2329X	RRX	2.3	MR	CMBV,SA	IANCa, IANOb, IANWa, IASCa, SDSE, WISO
GH2552X §	RRX	2.5	MR	CMBV,SA	SDSE
GH2788X	RRX	2.7	R	CMBV,SA	IANWb, ILNC, ILNO, NCSL, OHNW, SDSE
<b>HEFTY   Hefty Seed Company</b>					
www.heftysseed.com 47504 252nd St, Baltic, SD 57003   (866) 769-7200					
H11X8	RRX	1.1	MR	HCS	MNNCb, SDNE
H14X8	RRX	1.4	MR	HCS	MNCEa, MNNCb, SDNE
H16X1	RRX	1.6	R	HCS	MNCEa, MNCSca, MNS0a, SDEC, SDNE
H16X8	RRX	1.6	MR	HCS	SDNE
H17X9	RRX	1.7	MR	HCS	IANOa, MNCEb, MNCSca, MNS0a, SDNE
H18X1	RRX	1.8	R	HCS	IANOa, MNCEb, MNCSca, MNS0a, SDEC
H18X8	RRX	1.8	MR	HCS	IANOa, MNCSca, MNS0a, SDEC
H20X0	RRX	2.0	R	HCS	SDEC
H23X0	RRX	2.3	R	HCS	IANCa, IANOb, IANWa, MNS0b, NCSL, SDEC, SDSE
H25X0	RRX	2.5	R	HCS	IANCa, IANOb, IANWb, ILNO, NCSL, SDSE
H25X8	RRX	2.5	MR	HCS	IANWb, SDSE
H28X8	RRX	2.8	R	Untreated	IANCb, IANWb, ILNC, ILNO, NCSL, NENE, SDSE
<b>HOEGEMEYER   Hoegemeyer Hybrids (Corteva Agriscience)</b>					
www.therightseed.com 1755 Hoegemeyer Rd, Hooper, NE 68031   (800) 245-4631					
2245 E	E3	2.2	R	Lum,Lu,IL	IANCa, IANWa, SDSE
2540 E	E3	2.5	R	Lum,Lu,IL	SDSE
2660 E	E3	2.6	R	Lum,Lu,IL	IANCb, IANWb, IASCa, IASO, NENE, SDSE
<b>LATHAM   Latham Hi-Tech Seeds</b>					
www.lathamseeds.com 131 180th St, Alexander, IA 50420   (877) 465-2842					
L 1085 LLGT27	LLGT27	1.0	R	SS+	MNNCb, RRS0a, SDNE
L 1094 E3	E3	1.0	R	SS+	MNNCb, RRS0a, SDNE
L 1192 E3	E3	1.1	R	SS+	RRS0b, SDNE
L 1392 E3	E3	1.3	R	SS+	MNNCb, RRS0b, SDNE
L 1429 LLGT27	LLGT27	1.4	R	SS+	MNNCb, RRS0b, SDNE
L 1482 R2X	RRX	1.4	R	SS+	MNNCb, SDNE



# SOYBEAN PRODUCTS TESTED

Product/Brand	Technology	Maturity	SCN	STrt	Region(s) Tested
L 1648 LLGT27	LLGT27	1.6	R	SS+	MNCEa, MNCSa, MNSOa, SDNE
L 1758 E3	E3	1.7	R	SS+	MNCEb, MNCSa, MNSOa, SDNE
L 1858 R2	RR2Y	1.8	R	SS+	IANOa, MNCEb, MNCSa, MNSOa, SDEC
L 2049 E3	E3	2.0	R	SS+	IANOa, MNCEb, SDEC
L 2184 R2X	RRX	2.1	R	SS+	IANCa, IANOa, IANWa, MNCSb, MNSOb, SDEC
L 2193 E3	E3	2.1	R	SS+	IANOa, MNCSb, SDEC
L 2228 R2	RR2Y	2.2	R	SS+	IANCa, IANOb, IANWa, MNCSb, MNSOb, SDEC, WISO
L 2295 R2X	RRX	2.2	R	SS+	IANOb, IANWa, MNSOb, SDEC, WISO
L 2379 E3	E3	2.3	R	SS+	IANCa, IANOb, IASCa, MNSOb, SDEC, SDSE, WISO
L 2395 LLGT27	LLGT27	2.3	R	SS+	IANWa, SDEC, SDSE
L 2549 R2X	RRX	2.5	R	SS+	IANCa, IANOb, IANWb, 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 2839 LLGT27	LLGT27	2.8	R	SS+	IANWb, SDSE
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

## LG SEEDS | LG Seeds (AgReliant Genetics, LLC)

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



1550RX GC	RRX	1.5	R	na	MNNCb, SDNE
C1000RX GC	RRX	1.0	NA	na	SDNE
C1838RX GC	RRX	1.8	R	na	SDEC

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

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



L1030E	E3	1.0	R	CMBV,SA	MNNCb, RRSOa, SDNE
L1320E	E3	1.3	R	CMBV,SA	MNCEa, MNNCb, RRSOb, SDNE
L1430E	E3	1.4	R	CMBV,SA	MNCEa, MNNCb, MNCSa, SDNE
L1930E	E3	1.9	R	CMBV,SA	MNCEb, MNCSb, MNSOa, SDEC, WISO
L2130E	E3	2.1	R	CMBV,SA	IANWa, MNCSb, MNSOb, NCSL, SDEC, SDSE, WISO

## NK BRAND | NK Brand (Syngenta)

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



S12-T2X	RRX	1.2	MR	CMBV,SA	MNNCb, RRSOb, SDNE
S14-U9X §	RRX	1.4	MR	CMBV,SA	MNCEa, SDNE
S16-K2X	RRX	1.6	MR	CMBV,SA	IANOa, MNCEa, MNCSa, MNSOa, SDEC, SDNE
S20-J5X §	RRX	2.0	R	CMBV,SA	MNSCb, MNSOb, SDEC, WISO
S21-W8X §	RRX	2.1	R	CMBV,SA	IANCa, IANWa, MNCSb, MNSOb, NCSL, SDSE, WISO
S23-G5X	RRX	2.3	MR	CMBV,SA	IANCa, IANOb, IANWa, IASCa, MNSOb, NCSL, SDEC, SDSE, WISO
S25-V8X §	RRX	2.5	MR	CMBV,SA	IANOb, SDSE

## PIONEER | DuPont Pioneer (Corteva Agriscience)

www.pioneer.com  
PO Box 454, Johnston, IA 50131 | (800) 247-6803



P09A53X GC	RRX	0.9	NA	na	RRCE, SDNE
P11A44X GC	RRX	1.1	R	na	SDNE
P15A88X GC	RRX	1.5	R	na	SDNE
P18A98X GC	RRX	1.8	R	na	IANOa, SDEC
P20T64E GC	E3	1.9	R	na	MNCEb, SDEC
P21A28X GC	RRX	2.1	R	na	SDSE

## PROSEED | Proseed, Inc.

www.proseed.net  
705 E Brewster, Harvey, ND 58341 | (800) 776-3121



EL21-03	E3	1.0	R	na	MNNCb, RRSOa, SDNE
EL21-23	E3	1.2	R	na	MNNCb, RRSOb, SDNE
EL91-33	E3	1.3	R	na	MNCEa, MNNCb, RRSOb, SDNE

## RENK | Renk Seed Co.

www.renkseed.com  
6809 Wilburn Rd, Sun Prairie, WI 53590 | (800) BUY-RENK



RS100NX	RRX	1.0	R	EcTC	RRSOa, SDNE
RS149NX	RRX	1.4	R	EcTC	MNCEa, SDNE
RS150NX	RRX	1.5	R	EcTC	MNCEa, MNCSa, SDNE

Product/Brand	Technology	Maturity	SCN	STrt	Region(s) Tested
RS181NX	RRX	1.8	R	EcTC	IANOa, MNCSa, MNSOa, SDEC, WISO
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

## STINE | Stine Seed Company

www.stineseed.com  
22555 Laredo Trail Adel, IA 50003 | (800) 362-2510



12EB32 §	E3	1.2	R	na	MNCEa, SDNE
13EA12 §	E3	1.3	R	na	MNCEa, SDNE
14EB26 §	E3	1.4	R	na	MNCEa, SDNE
19EA32 §	E3	1.9	R	na	MNSCb, MNSOa, SDEC, SDSE
19EC32 §	E3	1.9	R	na	IANWa, MNCSb, SDEC, WISO
19GB62 §	LLGT27	1.9	R	na	NCSL, SDEC, SDSE, WISO
24EA12 §	E3	2.4	R	na	IANOb, IASCa, ILNO, INNO, NCSL, OHNW, SDSE

## THUNDER | Thunder Seed, Inc.

www.thunderseed.com  
806 Center Ave, W Dilworth, MN 56529 | (888) 684-8633



SB8010N	RRX	1.0	R	na	MNNCb, RRSOa, SDNE
SB8012N	RRX	1.2	R	na	MNNCb, RRSOb, SDNE
SB8015N	RRX	1.5	R	na	MNCEa, SDNE
SB8818N	RRX	1.8	R	na	MNCEb, SDEC
TE7011N	E3	1.1	R	na	MNNCb, RRSOb, SDNE
TE7013N	E3	1.3	R	na	MNCEa, RRSOb, SDNE
TE7110N	E3	1.0	R	na	MNNCb, RRSOa, SDNE
TE7117N	E3	1.7	R	na	MNCEb, SDEC, SDNE
TE7119N	E3	1.9	R	na	MNCEb, SDEC

## TITAN PRO | Titan Pro SCI, Inc.

www.titanprosci.com  
1301 S 24th St, Clear Lake, IA 50428 | (641) 357-7283



15GL9	LLGT27	1.5	R	SA,A,R,G	MNCEa, MNNCb, MNCSa, SDNE
17E0	E3	1.7	R	SA,A,R,G	IANOa, MNCEb, MNCSa, MNSOa, SDEC, SDNE, WISO
19E0	E3	1.9	R	SA,A,R,G	IANOa, IANWa, MNCEb, MNCSb, MNSOa, SDEC, WISO
21E0	E3	2.1	R	SA,A,R,G	IANCa, IANOa, IANWa, MNCSb, MNSOb, NCSL, SDSE, WISO
22E8	E3	2.2	R	SA,A,R,G	IANCa, IANOb, IANWa, MNCSb, MNSOb, NCSL, SDEC, WISO
28E8	E3	2.8	R	SA,A,R,G	IANCb, IANWb, IASCb, IASO, NCSL, SDSE

## ZINESTO | M.S. Technologies L.L.C.

www.zinestoseed.com  
103 Avenue D, West Point, IA 52656 | (800) 352-2510



Z1001E	E3	1.0	R	na	MNNCb, RRSOa, SDNE
Z1101E	E3	1.1	R	na	MNNCb, RRSOb, SDNE
Z1301G	LLGT27	1.3	R	na	MNCEa, MNNCb, RRSOb, SDNE
Z1400E	E3	1.4	R	na	MNCEa, MNNCb, SDNE
Z1601E	E3	1.6	R	na	MNCEa, MNCSa, MNSOa, SDEC, SDNE
Z1701G	LLGT27	1.7	R	na	MNCEb, MNCSa, MNSOa, SDEC, SDNE
Z1801E	E3	1.8	R	na	IANOa, MNCEb, MNSOa, SDEC
Z2001E	E3	2.0	R	na	IANOa, IANWa, MNCEb, MNCSb, MNSOb, SDEC
Z2101E	E3	2.1	R	na	IANCa, IANOb, MNCSb, MNSOb, NCSL, SDSE
Z2101G	LLGT27	2.1	R	na	IANWa, MNCSb, SDSE
Z2401E	E3	2.4	R	na	IANCa, IANOb, IANWa, ILNO, NCSL, SDSE
Z2501E	E3	2.5	R	na	IANCa, IANOb, IANWb, ILNO, NCSL, SDSE
Z2701E	E3	2.7	R	na	IANCb, IANWb, ILNO, NCSL, NENE, SDSE

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

# INDEPENDENT YIELD TRIALS LOCAL RESULTS



More information available at [www.firstseedtests.com](http://www.firstseedtests.com)

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

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



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