

2021 Performance Summary

Central and Southern Minnesota



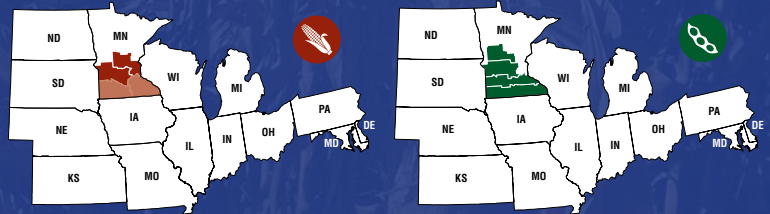
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Summary of the 2021 Season



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Summary of the 2021 Season



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

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

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

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

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

Mark Querna and Ed Dahle

FIRST Testing Methodology and Procedures

TESTING PROGRAM

Our testing program compares corn and soybean seed product yield and agronomic performance in grower fields across 16 states: Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota and Wisconsin (Figure 1 & Figure 2).

Testing regions have been established to provide similarity by geography and crop maturity. Seed products within a predefined maturity range (e.g., 106 to 116 RM corn or 0.7 to 1.5 maturity soybeans) are pooled into a single, all-season test or split into early- and full-season tests depending on entry volume. Products are planted at five or six corn test locations or four soybean locations within a region.

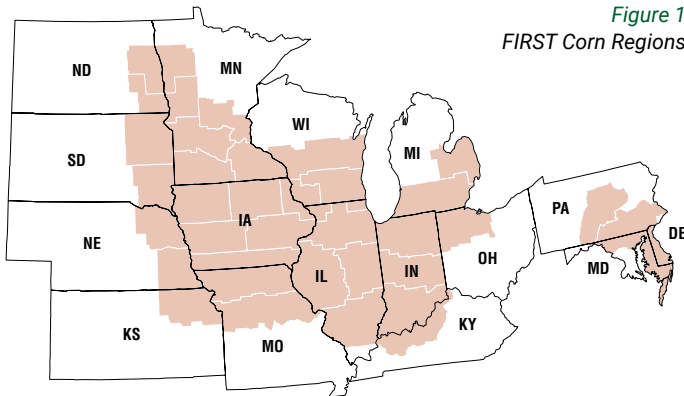


Figure 1
FIRST Corn Regions

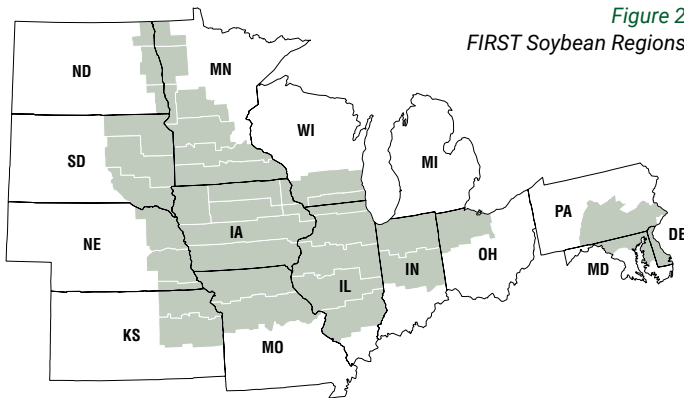


Figure 2
FIRST Soybean Regions

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. They provide high-quality seed from commercial lots and fees to enter FIRST tests. The only exceptions are check products (CK after product names, i.e. A1234 CK), chosen by FIRST Managers to bridge results between early- and full-season tests, and Grower Comparison products (GC after the product name), often provided by host farmers for their knowledge as test space permits.

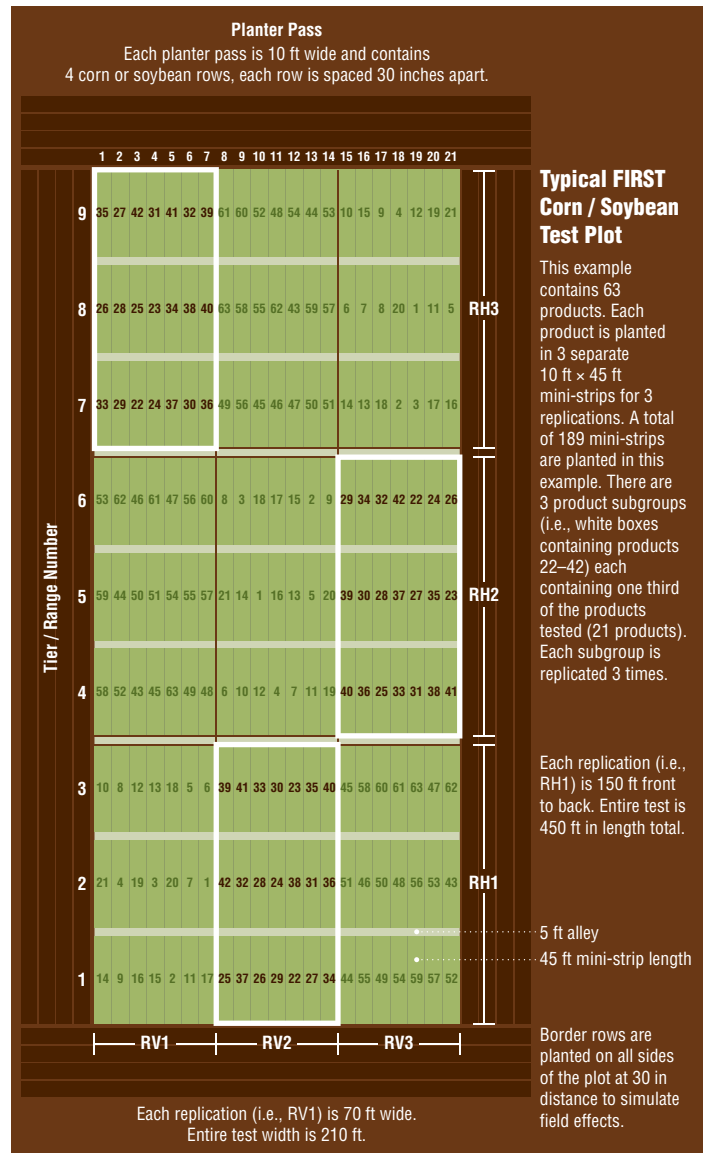
Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

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

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

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

Figure 3 FIRST Test Plot Layout



PERFORMANCE SUMMARIES

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

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

The 30 highest ranked Gross Income (\$/A) products are sorted by Yield (Bu/A) for public presentation. Nearly all tests include more than 30 products but only the Top 30 products are reported. The Region Summary Reports are compiled here for 2021 Central and Southern Minnesota.

Figure 4 Corn Grain Performance Summary

EARLY-SEASON TEST 93-98 Day CRM Top 30 of 56 tested											Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	For Lake	Ofsted	Plover	Ripon	Tonah		
DAIRYLAND	DS-3810Q	QR,B	98	230.2	18.3	1	\$784	4	264.6	230.8	165.2	216.1	274.5		
FEDERAL	4880 VT2P8B	VT2P8	98	229.4	16.3	1	\$794	1	261.3	228.1	180.0	245.8	231.8		
HEFTY	H452VT2P8B	VT2P8	93	229.2	17.0	1	\$788	2	263.5	239.0	201.3	220.9	244.1		
DAIRYLAND	DS-3550AM	AM,B	95	227.8	17.4	1	\$781	7	259.3	242.4	179.5	223.0	235.0		
JUNG	47DP429	VT2P8	97	227.7	16.9	1	\$782	5	269.1	252.1	146.2	222.6	248.5		
NORTHSTAR	NS-92-S3 STXR8	STX,B	98	227.2	16.7	2	\$782	6	230.4	254.9	174.4	213.6	242.6		
THUNDER	T6098 VT2P	VT2P8	98	225.5	17.1	1	\$775	8	251.0	232.9	164.4	234.4	234.6		
PIONEER	P96080 GC	QR,B	96	224.3	17.0	1	\$771	10	257.9	230.5	176.7	222.7	234.0		
THUNDER	T6996 VT2P	VT2P8	96	223.9	16.7	1	\$772	9	248.3	238.2	153.9	226.0	253.3		
HEFTY	H454VT2P	VT2P	95	223.1	16.1	1	\$771	11	257.8	238.4	155.4	215.3	248.3		

Figure 5 Soybean Performance Summary

ALL-SEASON TEST MATURITY GROUP 1.8-2.5 Top 30 of 72 tested											Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Arington	Oregon	Pestille	Waterborn				
CRENZEN	CS-2121GTLT GC	LLGT27	1	68.8	11.1	6	\$619	72.8	61.8	73.9	66.8				
HS	HS-24X80	RRX	2.4	67.6	10.9	7	\$609	68.1	70.5	67.1	64.8				
GENESIS	G2190GL	LLGT27	2.1	67.5	10.9	6	\$607	73.0	61.7	73.7	61.6				
GOLDEN HARVEST	GH2230X	RRX	2.2	66.9	11.0	6	\$602	64.7	66.9	70.4	65.3				
TITAN PRO	T.20E+09	E3	2.2	66.7	11.3	9	\$600	65.3	62.4	72.5	66.5				
PIONEER	P28A15X U	RRX	2.3	66.6	11.0	8	\$600	67.9	63.4	65.7	69.5				
CRENZEN	CS-2040GTLT GC	LLGT27	2.0	66.4	10.8	6	\$598	71.7	65.8	69.5	58.7				
GENESIS	G2550E	E3	2.5	66.4	11.1	8	\$598	70.3	62.8	68.9	63.7				
LATHAM	L-2549 R2X	RRX	2.5	66.1	10.8	7	\$595	70.6	64.9	67.3	61.3				
LATHAM	L-2595 R2X	RRX	2.2	65.9	10.6	9	\$594	69.2	62.9	70.4	61.2				

PERFORMANCE MEASUREMENTS

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

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

STATISTICS REPORTED

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

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

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

OTHER INFORMATION

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

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

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

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

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

TECHNOLOGY CODE LEGEND

Product Suffix Key

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

Corn Seed Technology Key

CODE	DESCRIPTION
3000GT	Agrisure® 3000GT (CB,RW,LL,GT)
3010	Agrisure® 3010 (GT,CB,LL), formerly GT/CB/LL
3011	Agrisure® 3011 (CB,RW,LL,GT)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
3120	Agrisure® 3120 (CB,HX,LL,GT)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)
5222	Agrisure® Duracade® 5222 (Vip,CB,HX,RW,RW2,LL,GT)
5332	Agrisure® Duracade® 5332 (Vip,CB,HX,RW,RW2,LL,GT)
A	Agrisure® Artesian®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)
AQ	Optimum® AQUAmax®
CONV	conventional corn
DG	DroughtGard®
E	Enlist™ (2,4-D, glyphosate, fop tolerance)
GT	Agrisure® GT
PC	PowerCore™ (HX,VT2P)
QR	Qrome™
RR2	Roundup Ready® 2 Corn
STX	SmartStax® (VT3P,HXX)
TRE	Trecepta®
VT2P	VT Double PRO®

Corn Seed Treatment Key

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

Sb	SabrEx Inoculant
SU	StepUp
Ti	Titan Corn 250 (M & W Seeds)
Vi	Vibrance®
Vi5	Vibrance® Cinco

Soybean Seed Technology Key

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

Soybean Seed Treatment Key

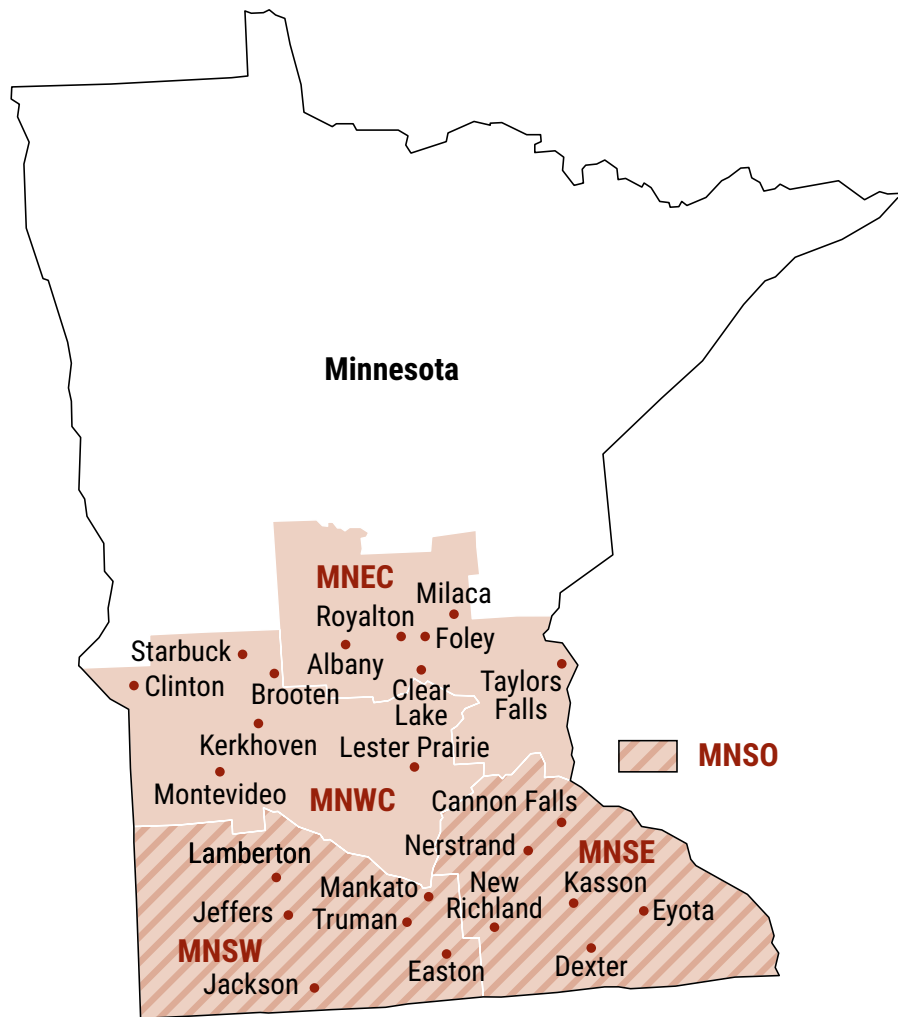
ABBREVIATION	DESCRIPTION
NA	not available
Treated	Treated seed, unspecified
Untreated	No seed treatment applied
A2020	Alert 2020 (Partners Brand Seed)
ACi	Acceleron® Standard Insecticide-Fungicide
AVC,C5,Vi	Avicta® Complete 500, Vibrance
ASf,SA	AgriShield Max with Saltro®
B-200	B-200 SAT
BPS-SDS	Burrus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

Soybean Cyst Nematode (SCN) Resistance Rating

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

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

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



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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Brooten	Michael Stamer	sandy loam	conventional	soybeans	210	1-May	19-Oct	32.9	244.8	–	new site
Clinton	Doug Nelson	loam	conventional	soybeans	150	1-May	19-Oct	32.9	219.3	196.5	15
Kerkhoven	Rod and Brody Lindquist	loam	conventional	corn	210	4-May	22-Oct	33.4	204.0	204.9	5
Lester Prairie	Nathan Ide	loam	conventional	corn, 2+ yr	180	30-Apr	9-Oct	33.0	206.7	193.9	8
Montevideo	Montevideo Farms	silt loam	conventional	soybeans	160	3-May	23-Oct	33.3	190.4	201.5	1
Starbuck	Matt Moe	loam	conventional	soybeans	145	4-May	15-Oct	–	NR	202.6	5
								MNWC	194.8	20	

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Albany	Ray Beutz	loam	conventional	corn	–	5-May	12-Oct	–	NR	207.9	4
Clear Lake	Ryan Peterson	sandy loam	no-till	dry beans	231	6-May	11-Oct	33.2	223.3	223.4	3
Foley	Roy Schneider	loam	strip till	soybeans	32	6-May	11-Oct	32.4	87.0	212.1	4
Milaca	Kevin Schreur	silt loam	conventional	corn	125	6-May	2-Nov	32.6	161.7	193.5	4
Royalton	Kenny Kasella	loamy sand	no-till	soybeans, rye cover crop	110	5-May	12-Oct	32.4	238.5	211.9	2
Taylors Falls	Sandberg Farms	loam	conventional	soybeans	166	7-May	3-Nov	33.1	188.2	210.8	4
								MNEC	201.6	4	

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

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Eyota	Arthur & Paul Wendt	silt loam	conventional	corn, 2+ yr	210	26-Apr	19-Oct	32.6	222.8	209.0	19
Jackson	Steve Ryberg	clay loam	conventional	soybeans	183	1-May	14-Oct	34.0	210.8	202.0	19
Kasson	Brian Herbst	silt loam	conventional	soybeans	190	2-May	19-Oct	34.3	215.4	217.2	20
Lamberton	Ed Iverson	loam	conventional	soybeans	185	4-May	26-Oct	34.0	150.3	207.9	3
Mankato	Greg Scheurer	clay loam	conventional	soybeans	168	29-Apr	27-Oct	33.2	207.1	222.1	2
Nerstrand	Keith, Kurt and Brian Schrader	silt loam	conventional	soybeans	187	3-May	23-Oct	33.9	236.2	225.4	2
									MNSO	223.0	2

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Easton	Dru Martin	clay loam	conventional	soybeans	213	29-Apr	23-Oct	33.8	235.0	207.7	20
Jackson	Steve Ryberg	clay loam	conventional	soybeans	183	1-May	14-Oct	33.7	230.1	202.0	19
Jeffers	Rick Quade	clay loam	strip till	soybeans	149	30-Apr	17-Oct	33.2	205.9	193.8	14
Lamberton	Ed Iverson	loam	conventional	soybeans	185	4-May	26-Oct	33.8	181.2	207.9	3
Mankato	Greg Scheurer	clay loam	conventional	soybeans	168	29-Apr	27-Oct	33.5	210.2	222.1	2
Truman	Dan Helvig	loam	conventional	corn, 2+ yr	195	30-Apr	16-Oct	33.5	175.7	199.1	2
									MNSW	194.8	20

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Cannon Falls	Marc Hernke	silt loam	conventional	soybeans	150	3-May	22-Oct	33.7	243.7	212.4	20
Dexter	Eric Lee	silt loam	strip till	soybeans	146	26-Apr	20-Oct	33.0	220.2	204.0	12
Eyota	Arthur & Paul Wendt	silt loam	conventional	corn, 2+ yr	210	26-Apr	19-Oct	32.6	236.6	209.0	19
Kasson	Brian Herbst	silt loam	conventional	soybeans	190	2-May	19-Oct	34.1	249.8	217.2	20
Nerstrand	Keith, Kurt and Brian Schrader	silt loam	conventional	soybeans	187	3-May	23-Oct	33.8	236.8	225.4	2
New Richland	Leon Schoenrock	silty clay loam	conventional	soybeans	149	24-Apr	29-Sep	33.9	224.4	202.6	20
									MNSE	202.5	20

CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2017-2021

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






CORN PRODUCTS TESTED



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

Product/Brand	Technology	Maturity	RIB	STt	Region(s) Tested
DS-3550AM	AM	95	Y	Lum,P1V	MITH, MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
DS-3715AM	AM	97	Y	Lum,P1V	MITH, MNSEa, MNWCa, SDNEb, WICEa
DS-3727AM	AM	97	Y	Lum,P1V	MITH, MNSEa, MNSWa, MNWCa, SDNEb, WICEa
DS-3959Q	QR	99	Y	Lum,P1V	MISOa, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
DS-4000AMXT	AMXT	100	Y*	Lum,P1V	MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa
DS-4014Q	QR	100	Y	Lum,P1V	MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
DS-4018AM	AM	101	Y	Lum,P1V	ILNOu, MISOa, MITH, MNSWa, MNWCb, NCTSa, SDSEa, WICEb, WISOa
DS-4310AM	AM	103	Y	Lum,P1V	ILNOu, INNOa, MISOa, MITH, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
DS-4440AM	AM	104	Y	Lum,P5V	ILNOu, INNOa, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
DS-4510Q	QR	105	Y	Lum,P1V	ILNOu, INCEa, INNOa, MISOb, MNSEb, NCTSa, WISOb
DEKALB DeKalb Brand (Bayer CropScience)					
www.dekalb.com 800 N Lindbergh Blvd, St. Louis, MO 63167 (800) 768-6387					
DKC45-94RIB GC	STX	95	Y	AC,P5V,B-360	MNSOu
DKC48-68RIB GC	STX	98	Y	AC,P5V,B-360	MNSEa, MNSWa, WICEa
DKC48-95RIB GC	VT2P	98	Y	AC,P5,B360	MNWCa, SDNEb
DKC51-98RIB CK	STX	101	Y	AC,P5V,B-360	MNSEa, MNSEb, MNSWa, MNSWb
DKC54-28RIB GC	STX	104	Y	AC,P5	MNSWb
DKC54-38RIB GC	STX	104	Y	AC,P5	MNSEb
DKC56-65RIB GC	STX	105	Y	AC,P5V,B-360	IANCa, IANWa, MNSEb, MNSWb, WISOb
DENBESTEN DenBesten (Dakota's Best Seed)					
www.dakotasbestseedllc.com Dakota's Best Seed LLC, Platte, SD 57369 (605) 337-3318					
DB30-97	CONV	97	N	Treated	MNSWa
DB32-02	CONV	102	N	Treated	IANWa, MNSWa, SDSEb
DB32-07	CONV	107	N	Treated	IANWb, MNSWb
DB38-06	CONV	106	N	Treated	IANWa, MNSWb, SDSEb
DYNA-GRO Dyna-Gro Seed (Nutrien Ag Solutions)					
www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538 (970) 685-3300					
D27VC87	VT2P	87	N	AC,P5V	MNEC, RRCEb, RRSOa
D36VC66	VT2P	97	N	AC,P5V	IANOu, MNSEa, WICEa
D37VC64	VT2P	97	N	AC,P5V	MITH, MNWCa
D40VC41	VT2P	100	N	AC,P5V	MISOa, MITH, MNSWa, MNWCb, SDNEb, SDSEa
D42SS20	STX	102	N	AC,P5V	MNSEa, NCTSa, WICEb, WISOa
D43VC81	VT2P	102	N	AC,P5V	IANCa, MISOa, MITH, MNSEa, MNSWa, MNWCb, SDSEa
D44SS54 GC	STX	104	N	AC,P5V	MNSEb, MNSWb
ENESTVEDT Enestvedt Seed Company					
www.enestvedtseeds.com 75802 County Rd. 12, Sacred Heart, MN 56285 (320) 765-2728					
E539	CONV	103	N	CM,C2,Vi	MNSEb, MNSWb, SDSEb
E598	CONV	106	N	AC250	MNSEb, MNSWb, SDSEb
E600DP RIB	VT2P	99	Y	AC250	MNSEa, MNSWa, MNWCb, SDNEb, SDSEa
E612RR	RR2	92	N	CM,C2,Vi	MNEC, RRSOb
E640DP RIB	VT2P	94	Y	AC250	MNEC, MNSOu
E658DP RIB	VT2P	96	Y	AC250	MNSOu, MNWCa, SDNEb

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

CORN PRODUCTS TESTED

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

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

CORN PRODUCTS TESTED

Product/Brand Technology Maturity RIB STrt Region(s) Tested

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

HFG1002	CONV	100	N	AC,250	IANOu, MNSEa, MNSWa, SDSEa
HFG1051	CONV	105	N	CM,C2	IANCa, IANWa, MNSEb, MNSWb, SDSEb
HFG1071	CONV	105	N	CM,C2	IANCa, IANWa, MNSEb, MNSWb, SDSEb

INNOTECH | Rob See Co
www.robseeco.com
 PO Box 129, Waterloo, NE 68069 | (855) 450-1822

IC4881-5122-EZ	5122	98	Y	AVC,C2,Vi	MNSWa, SDNEb, SDSEa
IC5267-3120-EZ	3120	102	Y	AVC,C2,Vi	MNSWa, SDSEa
IC5480-3111A	3111A	104	N	AVC,C2,Vi	MNSWb, SDSEb

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

4311 VT2PRIB	VT2P	93	Y	AC,P5V,SU	MNWCa, RRSOb, SDNEa, WICEa
4509 VT2PRIB	VT2P	95	Y	AC,P2,SU	MNWCa, RRSOb, SDNEa
4702 VT2PRIB	VT2P	97	Y	AC,P5V,EDC-B	MNSWa, MNWCa, SDNEb, SDSEa, WICEa
5052 STXRIB	STX	100	Y	AC,P5V,EDC-B	MNWcb, WICEb, WISOa
5052 VT2PRIB	VT2P	100	Y	AC,P5V,EDC-B	MISOa, MITH, MNSWa, SDNEb, SDSEa
5280 VT2PRIB	VT2P	102	Y	AC,P2,SU	IANCa, IANWa, MISOa, MITH, MNSWa, MNWcb, NCTSa, SDSEa, WICEb, WISOa
5529 VT2PRIB	VT2P	105	Y	AC,P2,SU	IANCa, IANWa, INNOa, MISOb, MNSWb, NCTSa, OHNWa, SDSEb, WISOa
5682 VT2PRIB	VT2P	106	Y	AC,P5V,EDC-B	IAECA, IANCa, IANWa, IAWCa, ILECa, ILNOa, ILWCa, INNOa, MISOb, MNSWb, NCTSa, NENEa, OHNWa, SDSEb, WISOa
5719 VT2PRIB	VT2P	107	Y	AC,P2,SU	IAECA, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILNOa, ILWCa, INNOa, MISOb, MNSWb, MONOa, NCTsb, OHNWa, SDSEb, WISOa

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

LH 4375 VT2P RIB	VT2P	93	Y	AC,P2	MNWCa, RRSOb, SDNEa, WICEa
LH 4454 VT2P RIB	VT2P	94	Y	AC,P2	MNWCa, RRSOb, SDNEa, WICEa
LH 4517 VT2P RIB	VT2P	95	Y	AC,P2	MNWCa, RRSOb, SDNEa, WICEa
LH 4657 VT2P RIB	VT2P	96	Y	AC,P2	IANOu, MNWCa, SDNEb, WICEa
LH 4669 SS RIB	STX	96	Y	AC,P5	IANOu, MNWCa, WICEa
LH 4937 VT2P RIB	VT2P	99	Y	AC,P2	IANOu, MNWcb, SDNEb, WICEb
LH 4957 VT2P RIB	VT2P	99	Y	AC,P5V,EDC-B	IANOu, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb
LH 5047 VT2P RIB	VT2P	100	Y	AC,P2	IANOu, MNSEa, MNSWa, SDNEb, WICEb
LH 5049 SS RIB	STX	100	Y	AC,P5	MNWcb
LH 5159 SS RIB	STX	101	Y	AC,P5	IANCa, IANWa, MNSEa, MNSWa, MNWcb, SDSEa, WICEb
LH 5209 5222-EZ	5222	102	Y	AVC,C5	IANCa, IANWa, MNSEa, MNSWa, MNWcb, NCTSa, SDSEa
LH 5245 VT2P RIB	VT2P	102	Y	AC,P2	IANCa, IANWa, MNSEa, MNSWa, NCTSa, SDSEa, WICEb

Product/Brand Technology Maturity RIB STrt Region(s) Tested

LH 5377 VT2P RIB
 VT2P | 103 | Y | AC,P2 | IANWa, MNSEb, MNSWb, NCTSa, SDSEb |

LH 5389 SS RIB	STX	103	Y	P5V	MNSEb, MNSWb
LH 5517 VT2P RIB	VT2P	105	Y	AC,P2	IAWCa, MNSEb, MNSWb, NCTSa, SDSEb
LH 5646 PCE	PC,E	106	N	CM,C2,Vi	IAECA, IAWCa, MNSEb, MNSWb, NENEa, SDSEb
LH 5725 VT2P RIB	VT2P	107	Y	AC,P2	IAECA, IANCb, IANWb, IAWCa, MNSEb, MNSWb, NENEa

MILLER HYBRIDS | Miller Hybrids
www.millerhybrids.com
 1213 Larch Ave, Kalona, IA 52247 | (866) 946-CORN

M00-49	CONV	100	N	MSC	MNSWa
M02-73D2 EZ	5122	103	Y	MSC	MNSWb

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

NK0243-5122 EZR	5122	102	Y	AVC,C2,Vi	IANCa, IANWa, MNSEa, MNSWa, MNWcb, SDSEa
NK0314-5122 EZR	5122	103	Y	AVC,C2,Vi	IANCa, IANWa, MISOa, MITH, MNSEb, MNSWb, NCTSa, PACE, SDSEb, WISOa
NK0472-5222 EZR	5222	104	Y	AVC,C2,Vi	IANCa, IANWa, MNSEb, MNSWb
NK0624-5222 EZR	5222	106	Y	AVC,C2,Vi	MNSEb, MNSWb, SDSEb
NK0748-5122 EZR	5122	107	Y	AVC,C2,Vi	IAECA, IANCb, IANWb, IAWCa, ILECa, ILNOa, MNSEb, MNSWb, NCTsb, PACE, PASE, SDSEb, WISOb
NK9610-5122 EZR	5122	96	Y	AVC,C2,Vi	MNSOu, WICEa
NK9653-5222 EZR	5222	96	Y	AVC,C2,Vi	IANOu, MITH, MNSOu, MNWCa, SDNEb, WICEa
NK9930-5122 EZR	5122	99	Y	AVC,C2,Vi	IANOu, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa
NK9991-5122 EZR	5122	99	Y	AVC,C2,Vi	IANOu, MITH, MNSEa, MNSWa, MNWcb, SDNEb, SDSEa, WICEb, WISOa

NUTECH | NuTech Seed, LLC (Corteva Agriscience)
www.nutechseed.com
 201 Knollwood Dr, Champaign, IL 61820 | (888) 647-3478






57A4Q	QR	97	Y	Lum,P1V	IANOu, MNSEa
58B1AM	AM	98	Y	Lum,P1V	IANOu, MNSEa
60A2Q	QR	100	Y	Lum,P1V	IANOu, MNSEa
62A8Q	QR	102	Y	Lum,P1V	IANCa, MNSEa, NCTSa
64B5Q	QR	104	Y	Lum,P1V	IANCa, ILNOu, MNSEb, NCTSa
64D1AM	AM,AQ	104	Y	Lum,P1V	IANCa, ILNOu, MNSEb, NCTSa
66C2Q	QR	106	Y	Lum,P1V	IAECA, IANCa, ILECa, ILNOa, ILWCa, MNSEb, NCTSa



PIONEER | DuPont Pioneer (Corteva Agriscience)
www.pioneer.com
 PO Box 454, Johnston, IA 50131 | (800) 247-6803

P0075Q CK	QR	100	Y	Lum	MNWCa, MNWcb
P0220Q GC	QR	102	Y	Lum	MNSEa, MNSWa, WISOa
P0404Q GC	QR	104	N*	Lum	MNSEb, MNSWb
P0421Q GC	QR	104	Y	Lum	ILNOu, MNSEb, MNSWb, SDSEb
P0507Q GC	QR	105	Y	Lum	MNSEb, MNSWb
P0622Q GC	QR	106	Y	Lum	MNSEb, MNSWb, WISOa
P9188AMXT GC	AMXT	91	Y	Lum	MNEC, MNSOu, RRSOb
P9489AM GC	AM	94	N*	Lum	MNSOu
P9492AM GC	AM	94	Y	Lum	MNEC, MNSOu
P9823Q GC	QR	98	Y	Lum	MNSEa, WICEa

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

CORN PRODUCTS TESTED

Product/Brand	Technology	Maturity	RIB	STt	Region(s) Tested
PROSEED Proseed, Inc. www.proseed.net 705 E Brewster, Harvey, ND 58341 (800) 776-3121					
					
1998 VT2PRIB	VT2P	98	Y	AVC,C2,Vi	MNWCa
2196 VT2PRIB	VT2P	96	Y	AVC,C2,Vi	MNWCa
RENK Renk Seed Co. www.renkseed.com 6809 Wilburn Rd. Sun Prairie, WI 53590 (800) BUY-RENK					
					
RK297VT2P	VT2P	89	N	AC,P5V	MNEC, RRCEb, RRSOa
RK312VT2PRIB	VT2P	90	Y	AC,P2	MNEC, RRCEb, RRSOa
RK315VT2P	VT2P	90	N	AC,P2	MNEC, RRCEb, RRSOa
RK429-3220A	3220A	93	N	CM,C2	MITH, MNEC, MNSOu, MNWCa, RRSOb, SDNEa, WICEa
RK485DGV2P	VT2PDG	94	N	AC,P5V	MITH, MNEC, MNSOu, MNWCa, RRSOb, SDNEa
RK561DGV2PRIB	VT2PDG	95	Y	AC,P2	MNSOu, WICEa
RK561VT2P	VT2P	96	Y	AC,P2	IANOu, MITH, MNWCa, SDNEb
RK579DGV2P	VT2PDG	99	Y	AC,P2	IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
RK590VT2P	VT2P	98	N	AC,P5V	IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCa, SDNEb, SDSEa, WICEa
RK593VT2PRIB	VT2P	97	Y	AC,P2	IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCa, SDNEb, WICEa
RK600VT2P	VT2P	100	N	AC,P2	IANOu, MISOa, MITH, MNSEa, MNSWa, MNWCb, SDNEb, SDSEa, WICEb, WISOa
RK625DGV2P	VT2PDG	104	N	AC,P5V	IANCa, IANWa, ILNOu, MISOb, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
RK642VT2P	VT2P	103	Y	AC,P2	IANCa, IANWa, ILNOu, MISOa, MNSEb, MNSWb, NCTSa, SDSEb, WISOa
RK710DGV2P	VT2PDG	107	Y	AC,P2	IAECA, IANCb, IANWb, IAWCa, ILNOa, ILWCa, INNOa, MISOb, MNSEb, MNSWb, NCTsb, NENEa, SDSEb, WISOb
ROB-SEE-CO Rob See Co www.robseeco.com PO Box 129, Waterloo, NE 68069 (855) 450-1822					
					
RC5323-5222-EZ	5222	103	Y	CM,C2,Vi	MNSWb
THUNDER Thunder Seed, Inc. www.thunderseed.com 806 Center Ave W, Dilworth, MN 56529 (888) 684-8633					
					
T6100 VT2P	VT2P	100	Y	AC,P2	MNSEa, MNWCb, SDNEb, SDSEa, WICEb
T6294 VT2P	VT2P	94	Y	AC,P5,B360	MNWCa, RRSOb, SDNEa, WICEa
T6298 VT2P	VT2P	98	Y	AC,P5,B360	MNSEa, MNWCa, SDNEb, SDSEa, WICEa
T6595 VT2P	VT2P	95	Y	AC,P2	MNWCa, RRSOb, SDNEa, WICEa
T6902 VT2P	VT2P	102	Y	CM,C2,Vi	MNSEa, MNWCb, SDSEa, WICEb
T6996 VT2P	VT2P	96	Y	AC,P2	MNWCa, SDNEb, WICEa
T6999 VT2P	VT2P	99	Y	AC,P2	MNSEa, MNWCb, SDNEb, SDSEa, WICEb
T8100 SS	STX	100	Y	AC,P5	MNSEa, MNWCb, SDNEb, SDSEa
TITAN PRO Titan Pro SCI, Inc. www.titanprosci.com 1301 S 24th St, Clear Lake, IA 50428 (641) 357-7283					
					
11-98 2P	VT2P	98	Y	AC,P5	IANOu, MNSEa, MNSWa, MNWCa, SDNEb

Product/Brand	Technology	Maturity	RIB	STt	Region(s) Tested
16-00 5222	5222	100	Y	AVC,C5,Vi	MNWCb, SDNEb
20-05	CONV	105	N	AC,P2	IANCa, MNSWb
20-92	CONV	92	N	AC,P2	MNSOu
20-99	CONV	99	N	AC,P2	MNSWa
22-00 2P	VT2P	100	Y	AC,P2	IANOu, MNSEa, MNSWa, MNWCb, SDNEb
24-04	CONV	104	N	AC,P2	IANCa, IANWa, MNSEb, MNSWb, SDSEb
26-00	CONV	100	N	AC,P2	IANOu, MNSEa, MNSWa
26-03 5222	5222	103	Y	CM,C2,Vi	IANCa, MNSEb, MNSWb
58-01 2P	VT2P	101	Y	AC,P2	MNWCb
82-04 2P	VT2P	104	Y	AC,P2	MNSWb
82-95 2P	VT2P	95	Y	AC,P2	MNSOu, MNWCa, SDNEa
84-01	CONV	101	N	AC,P2	IANOu, MNSEa, MNSWa, SDSEa
84-03 2P	VT2P	103	Y	AC,P2	MNSEb, MNSWb
85-96	CONV	96	N	AC,P2	MNSOu
86-96 2P	VT2P	96	Y	AC,P2	MNWCa
91-95	CONV	95	N	AC,P2	MNSOu
92-99 2P	VT2P	99	Y	AC,P2	IANOu, MNSEa, MNWCb, SDSEa
VIKING Viking (Albert Lea Seed House, Inc.) www.alseed.com/viking 1414 W Main St, Albert Lea, MN 56007 (800) 352-5247					
					
42-92	CONV	92	N	CM,C2,Sb	MNSOu
44-98	CONV	98	N	CM,C2,Sb	IANOu, MNSEa, MNSWa, SDSEa
46-02	CONV	102	N	CM,C2,Sb	IANCa, IANWa, MNSEa, MNSWa, SDSEa
51-04	CONV	104	N	CM,C2,Sb	IANCa, IANWa, MNSEb, MNSWb, SDSEb
52-00	CONV	100	N	CM,C2,Sb	IANOu, MNSEa, MNSWa, SDSEa
52-96	CONV	96	N	CM,C2,Sb	IANOu, MNSOu
84-05	CONV	105	N	CM,C2,Sb	IANCa, IANWa, MNSEb, MNSWb, SDSEb
99-00	CONV	100	N	CM,C2,Sb	IANOu, MNSEa, MNSWa
WYFFELS Wyffels Hybrids, Inc. www.wyffels.com 13344 US Hwy 6, Geneseo, IL 61254 (800) 369-7833					
					
W1466	VT2P	94	N	AC,P2	IANOu, MNSOu
W1546RIB	VT2P	96	Y	AC,P2	IANOu, MNSOu
W2016	VT2P	98	N	AC,P2	IANOu, MNSWa, SDSEa
W2236RIB	VT2P	99	Y	AC,P5	IANOu, MNSWa, SDSEa, WISOa
W2506RIB	VT2P	101	Y	AC,P2	IANCa, IANWa, MNSEa, MNSWa, NCTSa, SDSEa, WISOa
W2648	STX	101	N	AC,P5V	IANCa, IANWa, ILNOu, MNSEa, MNSWa, NCTSa, SDSEa, WISOa
W4196RIB	VT2P	105	Y	AC,P2	IAECA, IANCa, IANWa, IAWCa, ILECa, ILNOu, ILWCa, MNSEb, MNSWb, SDSEb, WISOb
W4246RIB	VT2P	105	Y	AC,P2	IAECA, IANCa, IANWa, IAWCa, MNSEb, MNSWb, SDSEb, WISOb
W4358RIB	STX	106	Y	AC,P5V	ILNOu, MNSEb, WISOb
W4588	STX	105	N	AC,P5V	IAECA, IAWCa, ILECa, ILWCa, MNSWb, NCTSa, SDSEb
W5086RIB	VT2P	107	Y	AC,P2	IAECA, IANCb, IANWb, IASOa, IAWCa, ILECa, ILNOa, ILWCa, MNSEb, MNSWb, NCTsb, SDSEb, WISOb

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



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

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

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Albany	Mitch Oveman	loam	conventional	corn	–	15-May	5-Nov	–	NR	52.2	5
Foley	Roy Schneider	silt loam	strip till	corn	–	10-May	7-Nov	–	NR	58.3	3
Royalton	Kenny Kasella	loamy sand	conventional	corn	21	11-May	8-Nov	128.9	51.8	43.0	2
Wendell	Chad Biss	clay loam	conventional	corn	–	14-May	6-Oct	129.7	44.2	47.5	4
								MNNC	46.2	4	

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

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand x 1,000	Yield	Bu/A	Years
Canby	Austen Citrowski	loam	conventional	corn	–	13-May	25-Oct	129.2	54.4	–	new site
Lester Prairie	Nathan Ide	loam	conventional	corn	–	8-May	26-Oct	129.5	57.0	50.0	3
Loretto	Bill Daluge	loam	conventional	corn	–	16-May	–	–	NR	–	new site
Starbuck	Matt Moe	loam	conventional	corn	13	12-May	28-Sep	–	NR	46.4	6
MNCE										51.5	18

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand x 1,000	Yield	Bu/A	Years
Madison Lake	Mike Krenik	loam	conventional	soybean	–	11-May	4-Nov	–	NR	58.8	14
Nerstrand	Keith, Kurt and Brian Schrader	silt loam	conventional	corn	11	8-May	11-Oct	123.3	72.7	65.8	4
Wabasso	Leon Plaetz	clay loam	conventional	corn	–	7-May	8-Oct	123.2	46.2	57.3	14
Winthrop	Jim Sallstrom	clay loam	conventional	corn	21	7-May	5-Oct	122.6	63.3	–	new site
MNCS										55.5	19

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand x 1,000	Yield	Bu/A	Years
Easton	Dru Martin	silty clay loam	conventional	corn	–	6-May	4-Oct	–	NR	57.4	19
Kasson	Brian Herbst	silt loam	conventional	corn	20	5-May	30-Sep	120.2	61.7	59.5	19
Lamberton	Ed Iverson	clay loam	conventional	corn	–	11-May	9-Oct	122.7	48.5	66.6	1
New Richland	Leon Schoenrock	clay loam	conventional	corn	–	6-May	6-Oct	–	NR	61.2	19
MNSO										57.6	19

SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2017-2021

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

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

ALL-SEASON TEST | MATURITY GROUP 1.4-2.3 | Top 30 of 12 tested

Results in BOLD are significantly above test average.

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

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

EARLY-SEASON TEST MATURITY GROUP 0.6–0.9 Top 30 of 37 tested								Results in BOLD are significantly above test average.			
Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Albany#	Foley*	Royalton	Wendell#
FULL-SEASON TEST x								Results in BOLD are significantly above test average.			
Dairyland	DSR-0847E	E3	0.8	57.3	16.6	5	\$682	32.9	—	57.3	38.0
Latham	L 0984 XF	RXF	0.9	50.1	17.2	5	\$596	—	—	50.1	38.5
Xitavo	XO 0602E	E3	0.6	49.9	16.7	0	\$594	38.1	—	49.9	41.5
Stine	09EA02 §	E3	0.9	49.1	16.5	0	\$585	40.3	—	49.1	46.4
Dyna-Gro	S09EN41	E3	0.9	47.6	16.9	0	\$567	32.3	—	47.6	37.9
Hefty	H08XF2	RXF	0.8	46.6	16.3	0	\$555	—	—	46.6	42.3
Latham	L 0995 E3	E3	0.9	46.5	16.8	0	\$554	23.4	—	46.5	47.9
Zinesto	Z0702E	E3	0.7	45.8	17.0	0	\$545	31.1	—	45.8	45.0
Dyna-Gro	S07EN61	E3	0.7	45.2	17.1	0	\$538	24.8	—	45.2	51.5
Loyal	L0740E	E3	0.7	44.5	16.7	0	\$530	32.3	—	44.5	43.7
NK Brand	NK08-B7XF	RXF	0.8	43.8	17.5	0	\$521	—	—	43.8	41.9
Latham	L 0785 E3	E3	0.7	43.7	16.8	0	\$520	32.7	—	43.7	41.4
Asgrow	AG09XF0 §	RXF	0.9	43.5	16.1	0	\$519	—	—	43.5	41.2
Xitavo	XO 0731E	E3	0.7	43.5	16.8	0	\$518	33.4	—	43.5	39.5
Pioneer	P09A53X §	RRX	0.9	42.5	16.9	0	\$506	—	—	42.5	42.8
Golden Harvest	GH0822XF §	RXF	0.8	41.7	16.8	27	\$496	—	—	41.7	44.6
Genesis	G0760E	E3	0.7	41.5	17.1	0	\$494	30.0	—	41.5	40.3
Credezenz	CZ 0661GTLL	LLGT27	0.6	41.3	17.6	0	\$491	—	—	41.3	43.7
Dairyland	DSR-1010E	E3	1.0	41.1	17.0	0	\$489	27.7	—	41.1	47.3
NK Brand	NK08-V9E3 §	E3	0.8	39.9	16.9	0	\$475	21.3	—	39.9	47.0
Apex	AE0720	E3	0.7	38.3	16.3	0	\$456	36.0	—	38.3	42.2
Golden Harvest	GH0749X	RRX	0.7	37.7	16.5	0	\$449	—	—	37.7	46.8
Thunder	TE7207	E3	0.7	37.5	17.0	0	\$446	34.7	—	37.5	43.7
Hefty	H07XF1	RXF	0.7	37.4	16.3	1	\$446	—	—	37.4	43.1
Hefty	H06XF2	RXF	0.6	36.8	16.4	0	\$438	—	—	36.8	46.2
Thunder	TX8109N	RXF	0.9	36.5	16.4	0	\$435	—	—	36.5	46.0
Dairyland	DSR-0660E	E3	0.6	36.5	16.5	3	\$435	32.7	—	36.5	48.5
Golden Harvest	GH0842E3	E3	0.8	36.4	16.6	1	\$434	24.9	—	36.4	43.6
Thunder	TX8207N	RXF	0.7	36.2	16.3	0	\$431	—	—	36.2	54.7
Latham	L 0728 XF	RXF	0.7	36.1	16.5	0	\$430	—	—	36.1	44.7
Dahlman	6015XN CK	RRX	1.5	53.0	17.0	0	\$631	—	—	53.0	48.5
Averages =			41.4	16.7	1	\$493	31.3			41.4	44.6
LSD (0.10) =			7.8	ns	ns		5.9			7.8	6.2
FULL-SEASON TEST MATURITY GROUP 1.0–1.5 Top 30 of 54 tested								Results in BOLD are significantly above test average.			
Xitavo	XO 1372E	E3	1.3	61.6	14.4	2	\$752	34.9	26.3	64.5	58.8
Zinesto	Z1302E	E3	1.3	60.2	14.7	0	\$733	31.8	28.9	67.7	52.8
Latham	L 1558 E3	E3	1.5	58.9	14.8	6	\$717	35.5	28.2	63.2	54.5
Dahlman	1111E3N GC	E3,ST	1.1	58.2	14.6	2	\$710	39.6	23.0	61.1	55.4
Dairyland	DSR-1450E	E3	1.4	58.2	14.2	4	\$707	39.4	27.2	67.3	49.0
Apex	AE1520	E3	1.5	57.5	14.6	0	\$702	40.6	32.2	59.2	55.8
Xitavo	XO 1451E	E3	1.4	56.0	14.5	1	\$681	44.2	26.5	65.5	46.6
Zinesto	Z1502E	E3	1.5	55.8	14.6	1	\$677	25.5	30.3	67.6	44.0
Zinesto	Z1101E	E3	1.1	55.5	14.8	1	\$675	33.4	28.7	60.1	50.8
Zinesto	Z1202E	E3	1.2	54.4	14.9	0	\$661	28.8	25.8	64.4	44.5
Stine	14EE01 §	E3	1.4	54.0	14.8	6	\$656	33.4	31.2	63.6	44.5
Thunder	TX8215N	RXF	1.5	53.9	15.1	0	\$655	—	35.0	62.2	45.7
Hefty	H12XF2	RXF	1.2	53.2	14.5	5	\$647	—	20.2	63.7	42.8
Hefty	H11XF2	RXF	1.1	52.9	14.9	4	\$642	—	26.4	64.7	41.2
Stine	11EC02 §	E3	1.1	52.7	14.7	3	\$643	36.1	25.7	53.2	52.2
Genesis	G1560E	E3	1.5	52.2	14.7	8	\$634	37.3	19.5	61.8	42.6
Thunder	SB8010N	RRX	1.0	52.2	13.9	1	\$636	—	21.7	58.4	46.0
Genesis	G1460E	E3	1.4	52.2	14.6	3	\$634	37.5	26.3	58.5	45.8
Latham	L 1383 XF	RXF	1.3	52.1	14.6	0	\$635	—	34.1	57.0	47.3
Dairyland	DSR-1318E	E3	1.3	52.1	14.9	2	\$633	28.5	33.1	61.8	42.5
Golden Harvest	GH1472E3	E3	1.4	52.1	14.4	2	\$633	34.0	26.1	63.5	40.7
Dyna-Gro	S15XF82	RXF	1.5	51.9	14.7	0	\$632	—	31.6	58.4	45.5
Loyal	L1230ES	E3,ST	1.2	51.2	14.4	6	\$623	34.1	22.2	59.4	43.0
Hefty	H14XF1	RXF	1.4	51.2	14.5	1	\$623	—	28.2	56.4	45.9
Pioneer	P15A63X §	RRX	1.5	51.1	14.3	1	\$621	—	21.7	61.3	41.0
Loyal	L1440E	E3	1.4	51.1	14.2	0	\$620	32.5	21.2	64.6	37.6
Dahlman	6815XN GC	RRX	1.5	51.0	14.9	1	\$619	—	34.9	62.4	39.7
NK Brand	NK14-W6E3	E3	1.4	51.0	14.5	5	\$620	31.8	36.5	58.6	43.4
Dairyland	DSR-1290E	E3	1.2	50.9	14.3	4	\$620	41.0	27.1	58.8	43.1
Loyal	L1240E	E3	1.2	50.8	14.8	0	\$617	36.7	22.9	59.3	42.3
Dahlman	6015XN CK	RRX	1.5	55.1	14.9	0	\$667	—	25.9	69.1	41.0
Averages =			51.6	14.6	2	\$627	35.0	27.3	58.9	44.3	
LSD (0.10) =			6.5	0.3	4.2		6.1	6.4	7.0	7.3	

* Damaged by severe drought stress (Foley, early-season); # early- and full-season test results not included in summary due to accidental herbicide application (Albany), early-season test results not included in summary (Wendell)

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

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

Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Camby†	Lester Prairie	Loretto*	Starbuck#
Xitavo	XO 1372E	E3	1.3	63.1	14.1	4	\$756	61.5	64.8	—	19.0
Golden Harvest	GH1472E3 §	E3	1.4	61.0	13.9	2	\$732	61.8	60.3	—	18.3
Zinesto	Z1502E	E3	1.5	60.8	14.3	11	\$727	70.0	51.5	—	19.0
Golden Harvest	GH1442XF	RXF	1.4	60.2	13.9	9	\$721	56.6	63.8	—	19.0
Zinesto	Z1601E	E3	1.6	60.2	14.1	1	\$722	47.8	72.7	—	18.8
CredenZ	CZ 1660GTLL	LLGT27	1.6	59.9	14.4	1	\$717	54.7	65.1	—	18.9
Dairyland	DSR-1450E	E3	1.4	59.0	14.0	2	\$707	48.9	69.1	—	19.2
Thunder	TX8215N	RXF	1.5	57.8	14.1	24	\$692	48.2	67.4	—	18.5
Genesis	G1340E	E3	1.3	57.4	14.1	11	\$688	53.2	61.6	—	18.8
Genesis	G1650E	E3	1.6	57.2	14.0	1	\$685	48.0	66.4	—	18.4
Latham	L 1648 LLGT27	LLGT27	1.6	57.1	14.3	0	\$683	40.3	73.9	—	18.7
Hefty	H14XF1	RXF	1.4	56.1	14.1	9	\$673	59.3	53.0	—	18.9
Latham	L 1558 E3	E3	1.5	56.1	14.2	11	\$672	54.4	57.8	—	20.5
Asgrow	AG15XF2 §	RXF	1.5	55.5	14.2	6	\$665	53.8	57.2	—	18.5
Xitavo	XO 1632E	E3	1.6	55.1	14.0	5	\$660	53.0	57.2	—	17.4
NK Brand	NK14-C7XF	RXF	1.4	55.1	14.2	3	\$659	44.7	65.5	—	19.6
Hefty	H15XF2	RXF	1.5	55.1	14.2	11	\$659	51.4	58.7	—	18.6
Loyal	L1230ES	E3,ST	1.2	54.9	14.2	18	\$658	44.4	65.5	—	18.8
Apex	AE1420	E3	1.4	54.6	14.1	2	\$654	52.7	56.6	—	18.6
Gold Country	1609X	RRX	1.6	54.1	14.2	1	\$648	47.7	60.5	—	18.6
Dairyland	DSR-1673E	E3	1.6	53.9	14.1	2	\$645	53.9	53.8	—	18.5
Loyal	L1440E	E3	1.4	53.6	14.2	3	\$642	47.9	59.4	—	18.8
Thunder	SB8015N	RRX	1.5	53.5	13.8	0	\$642	44.8	62.3	—	18.6
NK Brand	NK14-W6E3	E3	1.4	53.5	14.1	7	\$641	50.8	56.3	—	19.1
Latham	L 1429 LLGT27	LLGT27	1.4	53.5	14.3	8	\$640	40.7	66.2	—	18.9
Genesis	G1460E	E3	1.4	53.4	14.0	2	\$640	52.0	54.8	—	18.9
Zinesto	Z1411E	E3	1.4	52.5	14.2	10	\$629	47.6	57.5	—	18.6
Dyna-Gro	S15XF82	RXF	1.5	52.4	14.3	15	\$627	43.6	61.2	—	19.0
Xitavo	XO 1451E	E3	1.4	52.4	14.4	1	\$627	49.4	55.4	—	19.2
Pioneer	P16T58E §	E3	1.6	52.4	14.0	4	\$627	49.0	55.7	—	18.5
Pioneer	P15A63X CK	RRX	1.5	48.9	14.1	5	\$586	46.9	51.0	—	19.3
Averages =				54.1	14.1	6	\$647	48.9	59.2		18.8
LSD (0.10) =				9.0	0.2	8.4		8.8	8.5		0.9

FULL-SEASON TEST | MATURITY GROUP 1.7-2.0 | Top 30 of 54 tested Results in BOLD are significantly above test average.

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

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

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

EARLY-SEASON TEST | MATURITY GROUP 1.5-1.8 | Top 30 of 52 tested Results in BOLD are significantly above test average.

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

FULL-SEASON TEST | MATURITY GROUP 1.9-2.2 | Top 30 of 54 tested Results in BOLD are significantly above test average.

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

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

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

EARLY-SEASON TEST | MATURITY GROUP 1.6-1.9 | Top 30 of 53 tested Results in BOLD are significantly above test average.






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


FULL-SEASON TEST | MATURITY GROUP 2.0-2.3 | Top 30 of 54 tested Results in BOLD are significantly above test average.

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

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


SOYBEAN PRODUCTS TESTED

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

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


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

SOYBEAN PRODUCTS TESTED

Product/Brand	Technology	Maturity	SCN	Strt	Region(s) Tested
G2060E	E3	2	R	CMBV,SA	IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC, WISO
G2150E	E3	2.1	R	CMBV,SA	MNSOb
G2190GL	LLGT27	2.1	R	CMBV,SA	IANOa, MNSOb, WISO
G2260E	E3	2.2	R	CMBV,SA	IANCa, IANOb, IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE, WISO
GOLD COUNTRY Gold Country Seed (Bayer CropScience) www.goldcountryseed.com 16506 MN-15, Hutchinson, MN 55350 (320) 587-1050 					
1041XF	RXF	1	R	ACi,IL	MNNCb
1531XF	RXF	1.5	R	ACi,IL	MNSCa, MNSOa
1609X	RRX	1.6	R	ACi,IL	MNCEa, MNSCa, MNSOa
2250XF	RXF	2.2	R	ACi,IL	MNSCb, MNSOb
GOLDEN HARVEST Golden Harvest Brand (Syngenta) www.goldenhavestseeds.com 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 (800) 944-7333 					
GH0749X	RRX	0.7	MR	CMBV,SA	MNNCa
GH0822XF §	RXF	0.8	R	CMBV,SA	MNNCa
GH0842E3	E3	0.8	R	CMBV,SA	MNNCa, RRSOa
GH1032XF	RXF	1	R	CMBV,SA	MNNCb, RRSOa
GH1442XF	RXF	1.4	MR	CMBV,SA	MNCEa, MNNCb, RRSOb
GH1472E3	E3	1.4	R	CMBV,SA	MNNCb, SDNEb
GH1762XF §	RXF	1.7	MR	CMBV,SA	MNCEb, MNSCa, MNSOa
GH1802E3	E3	1.8	R	CMBV,SA	IANOa, MNCEb, MNSCa, MNSOa
GH2102XF	RXF	2.1	MR	CMBV,SA	MNSCb, MNSOb, NCSL, SDEC, WISO
GH2292E3	E3	2.2	MR	CMBV,SA	IANCa, IANOb, IANWa, MNSCb, MNSOb
HEFTY Hefty Seed Company www.heftyseed.com 47504 252nd St, Baltic, SD 57003 (866) 769-7200 					
H06X8	RRX	0.6	MR	DST4,SA	MNNCa, RRCE
H06XF2	RXF	0.6	NA	DST4,SA	MNNCa, RRCE, RRSOa
H07XF1	RXF	0.7	NA	DST4,SA	MNNCa, RRCE, RRSOa
H08XF2	RXF	0.8	NA	DST4,SA	MNNCa, RRCE, RRSOa
H11XF2	RXF	1.1	NA	DST4,SA	MNNCb, RRSOb, SDNEa
H12XF2	RXF	1.2	NA	DST4,SA	MNNCb, RRSOb, SDNEa
H13XF1	RXF	1.3	NA	DST4,SA	MNCEa, MNNCb, RRSOb, SDNEa
H14XF1	RXF	1.4	NA	DST4,SA	MNCEa, MNNCb, RRSOb, SDNEb
H15XF2	RXF	1.5	NA	DST4,SA	MNCEa, MNSCa, SDNEb
H16X1	RRX	1.6	R	DST4,SA	MNSOa, SDEC
H16XF2	RXF	1.6	NA	DST4,SA	MNCEa, MNSCa, MNSOa, SDEC, SDNEb
H17XF1	RXF	1.7	NA	DST4,SA	IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNEb
H18XF2	RXF	1.8	NA	DST4,SA	IANOa, MNCEb, MNSCa, MNSOa, SDEC
H20X7	RRX	2	MR	DST4,SA	MNSCb
H20XF1	RXF	2	NA	DST4,SA	IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC
H20XF2	RXF	2	NA	DST4,SA	IANWa, MNCEb, MNSCb, MNSOb, SDEC
H21XF2	RXF	2.1	NA	DST4,SA	IANCa, IANOa, IANWa, MNSCb, MNSOb, NCSL, SDEC, SDSE
H23XF1	RXF	2.3	NA	DST4,SA	IANCa, IANOb, IASCa, MNSOb, NCSL, SDEC, SDSE
INNOTECH Rob See Co www.robseeco.com PO Box 129, Waterloo, NE 68069 (855) 450-1822 					
IS1761E3	E3	1.7	MR	Fortify	MNSCa, SDEC, SDNEb
IS2089E3	E3	2	MR	Fortify	MNSCb, SDEC
LATHAM Latham Hi-Tech Seeds www.lathamseeds.com 131 180th St, Alexander, IA 50420 (877) 465-2842 					
L 0728 XF	RXF	0.7	R	SS+,SA	MNNCa, RRCE

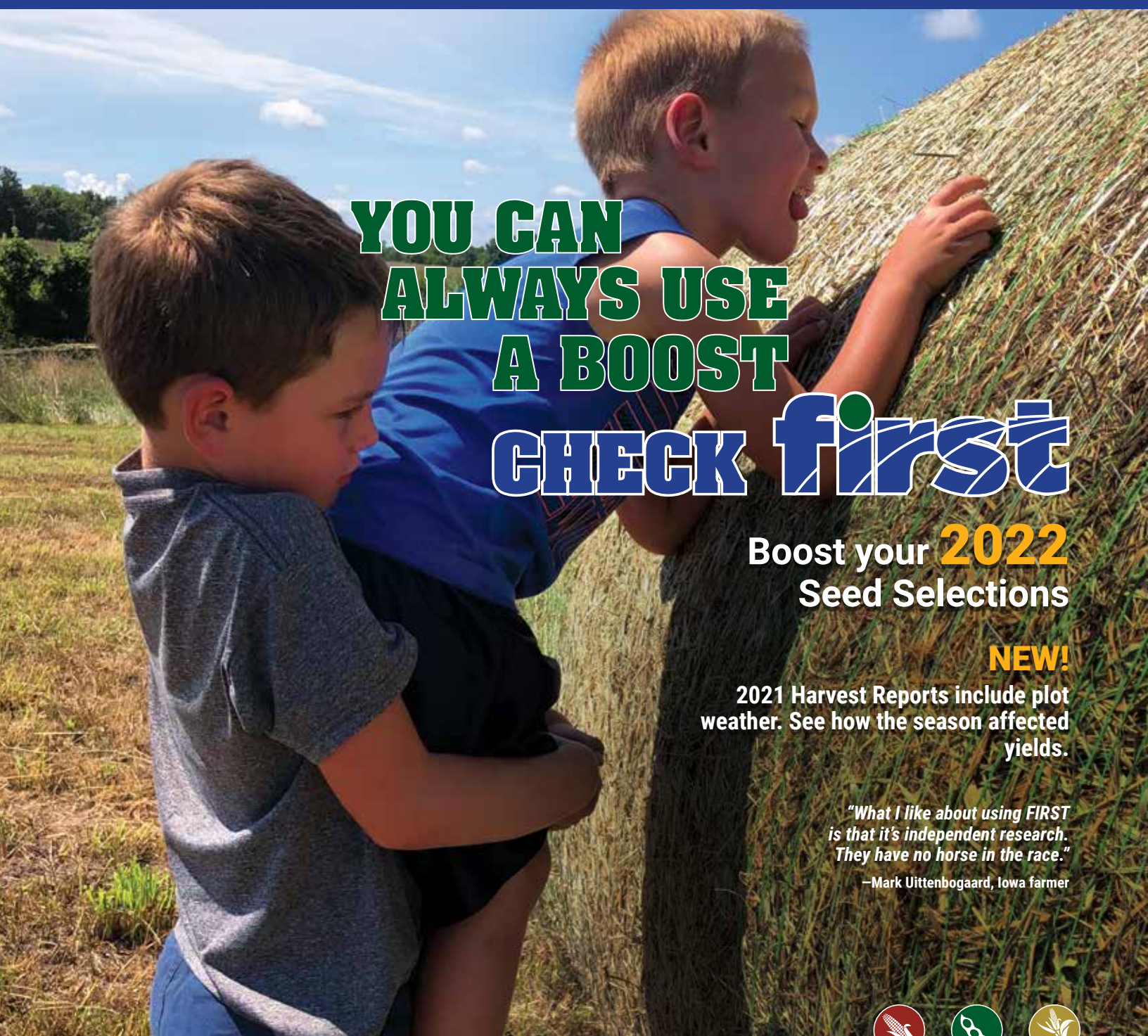
Product/Brand	Technology	Maturity	SCN	Strt	Region(s) Tested
L 0785 E3	E3	0.7	R	SS+,SA	MNNCa, RRCE
L 0984 XF	RXF	0.9	R	SS+,SA	MNNCa, RRCE, RRSOa
L 0995 E3	E3	0.9	R	SS+,SA	MNNCa, RRCE, RRSOa
L 1219 E3	E3	1.2	R	SS+,SA	MNNCb, RRSOb, SDNEa
L 1383 XF	RXF	1.3	R	SS+,SA	MNCEa, MNNCb, RRSOb, SDNEa
L 1392 E3	E3	1.3	R	SS+	MNNCb, RRSOb
L 1429 LLGT27	LLGT27	1.4	R	SS+,SA	MNCEa, RRSOb
L 1558 E3	E3	1.5	R	SS+,SA	MNCEa, MNNCb, MNSCa, SDNEb
L 1648 LLGT27	LLGT27	1.6	R	SS+	MNCEa, MNSCa, MNSOa, SDNEb
L 1758 E3	E3	1.7	R	SS+,SA	MNSCa, MNSOa, SDNEb
L 1784 XF	RXF	1.7	R	SS+,SA	IANOa, MNCEb, MNSCa, MNSOa, SDEC, SDNEb
L 1948 R2X	RRX	1.9	R	SS+,SA	MNCEb
L 1995 E3	E3	1.9	R	SS+,SA	MNCEb, MNSOa, SDEC
L 2049 E3	E3	2	R	SS+,SA	IANOa, IANWa, MNCEb, MNSCb, MNSOb, SDEC
L 2184 R2X	RRX	2.1	R	SS+,SA	IANOa, MNSCb, SDEC
L 2193 E3	E3	2.1	R	SS+,SA	IANCa, IANOa, IANWa, MNSCb, MNSOb, SDEC
L 2283 XF	RXF	2.2	R	SS+,SA	MNSCb, SDEC
L 2295 R2X	RRX	2.2	R	SS+,SA	MNSOb, SDEC
L 2379 E3	E3	2.3	R	SS+,SA	IANCa, IANOb, IANWa, MNSOb, NCSL, SDEC
LG SEEDS LG Seeds (AgReliant Genetics, LLC) www.lgseeds.com 22827 Shissler Rd, Elmwood, IL 61529 (800) 752-6847 					
LGS1769XF GC	RXF	1.7	R	ACi,SA	MNCEb, MNSCa
LGS2025XF GC	RXF	2	R	ACi,SA	MNCEb, MNSCb
LOYAL M.S. Technologies, L.L.C. www.mstechseed.com 103 Avenue D, West Point, IA 52656 (800) 362-2510 					
L0640E	E3	0.6	R	CMBV,SA	MNNCa, RRCE, RRSOa
L0740E	E3	0.7	R	CMBV,SA	MNNCa, RRCE, RRSOa
L1230ES	E3,ST	1.2	R	CMBV,SA	MNCEa, MNNCb, RRSOb
L1240E	E3	1.2	R	CMBV,SA	MNNCb, RRSOb, SDNEa
L1440E	E3	1.4	R	CMBV,SA	MNCEa, MNNCb, RRSOb, SDNEb
L1540E	E3	1.5	R	CMBV,SA	MNCEa, MNNCb, MNSCa, SDNEb
L1740E	E3	1.7	R	CMBV,SA	MNCEb, MNSCa, MNSOa, SDEC, SDNEb
L1940E	E3	1.9	R	CMBV,SA	MNCEb, MNSCb, MNSOa, SDEC, WISO
L1950E	E3	1.9	R	CMBV,SA	MNCEb, MNSOa, SDEC, WISO
L2040E	E3	2	R	CMBV,SA	MNCEb, MNSCb, MNSOb, SDEC, WISO
L2130E	E3	2.1	R	CMBV,SA	IANCa, IANOa, MNSCb, MNSOb, NCSL, WISO
L2240E	E3	2.2	R	CMBV,SA	MNSCb, MNSOb, NCSL, SDEC, SDSE, WISO
NK BRAND NK Brand (Syngenta) www.nkseeds.com 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 (800) 258-0521 					
NK08-B7XF	RXF	0.8	R	CMBV,SA	MNNCa, RRCE, RRSOa
NK08-V9E3 §	E3	0.8	R	CMBV,SA	MNNCa, RRSOa
NK10-W8XF	RXF	1	R	CMBV,SA	MNNCb
NK14-C7XF	RXF	1.4	R	CMBV,SA	MNCEa, RRSOb, SDNEb
NK14-W6E3	E3	1.4	MR	CMBV,SA	MNCEa, MNNCb
NK17-M2XF	RXF	1.7	R	CMBV,SA	MNCEb, MNSCa, MNSOa, SDNEb
NK18-J7E3 §	E3	1.8	MR	CMBV,SA	MNCEb, MNSCa, MNSOa
NK19-C8XF	RXF	1.9	R	CMBV,SA	IANOa, IANWa, MNCEb, MNSCb, MNSOa, SDEC
NK19-Y5E3	E3	1.9	R	CMBV,SA	MNSOa
NK21-H4XF §	RXF	2.1	MR	CMBV,SA	IANOa, IANWa, MNSCb, MNSOb, SDEC, SDSE

SOYBEAN PRODUCTS TESTED

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

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

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