first TRIALS

INDEPENDENT CORN AND SOYBEAN YIELD TESTING

South Central Minnesota Edition

Mark Querna
FIRST Field Manager

mark.querna@firstseedtests.com
IMQ, LLC
MNSW, MNSE, MNSC, MNSO and
MNSOCV Corn and Soybeans

Ed Dahle
FIRST Field Manager

ed.dahle@firstseedtests.com
NewVenture, LLC
MNWC, MNNC, MNCE and
MNCECV Corn and Soybeans

2023 Performance Summary

first farmers' independent research of seed technologies

www.firstseedtests.com

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

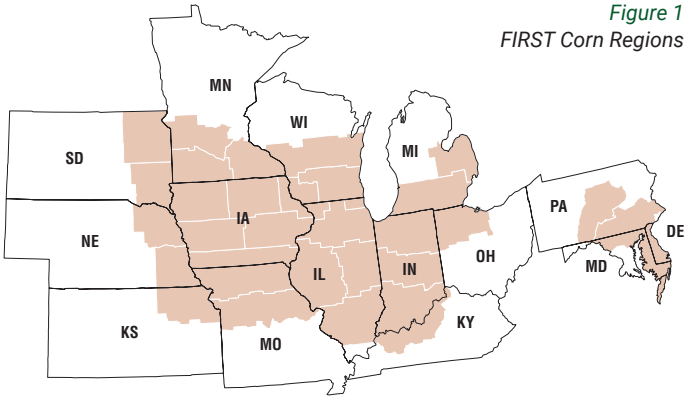
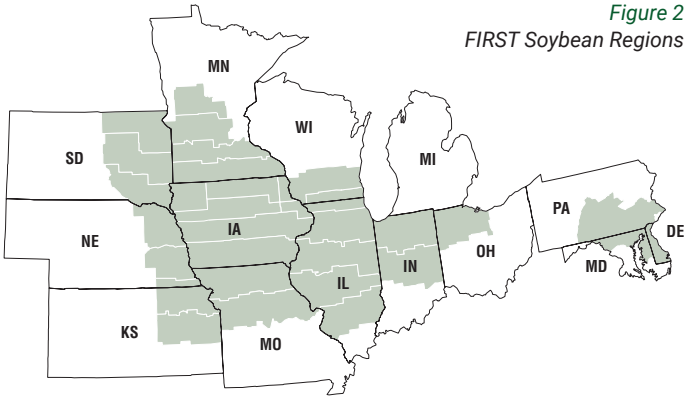


Figure 2
FIRST Soybean Regions



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.

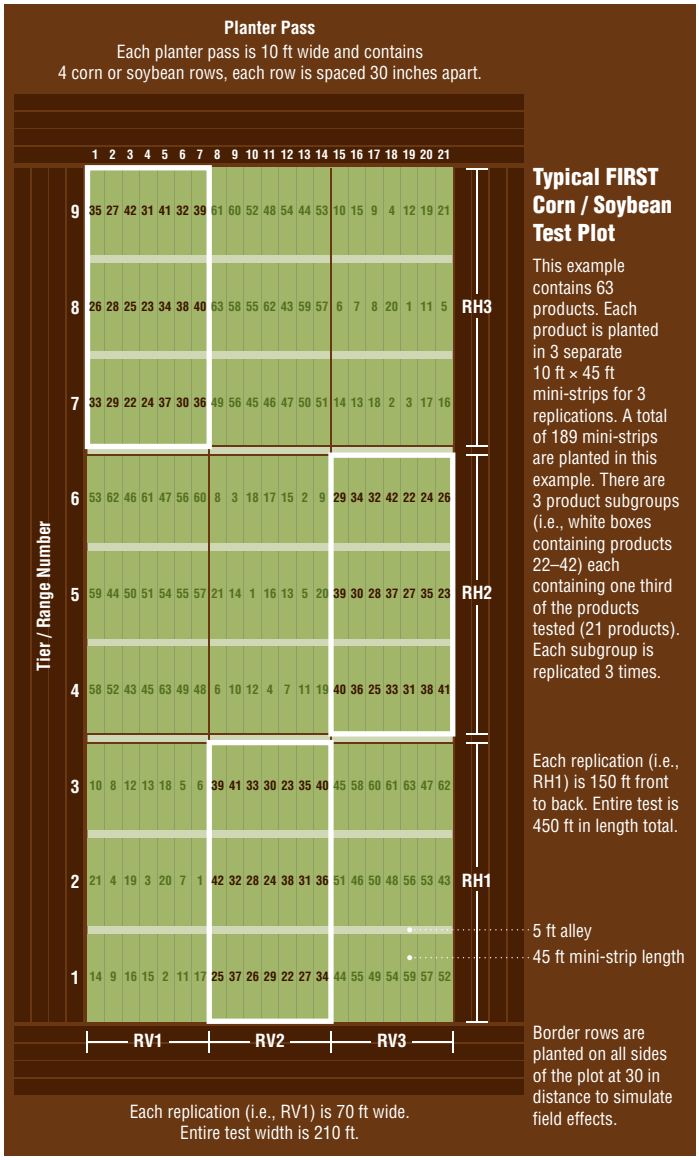
Seed companies and/or seed distributors are invited to submit their most promising seed products within specified test maturity limits to desired test regions. They provide high-quality seed from commercial lots and fees to enter FIRST tests. The only exceptions are check products (CK after product names, 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



first farmers' independent research of seed technologies

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.

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.

Figure 4 Corn Grain Performance Summary

EARLY-SEASON TEST 93–98 Day CRM | Top 30 of 56 tested — A B C D E — Results in BOLD are significantly above test average.

Company/Brand	Product/Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Fox Lake	Oxford	Plover	Ripon	Yonah
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 VT2PRIB	VT2PB	98	**229.4**	16.3	1	$794	1	**261.3**	228.1	**180.0**	**245.8**	231.8
HEFTY	H4322VT2PRIB	VT2PB	93	**229.2**	17.0	1	$788	2	243.5	236.0	**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	470P429	VT2PB	97	**227.7**	16.9	1	$782	5	**269.1**	**252.1**	146.2	222.6	**248.5**
NORTHSTAR	NS 98-513 STXRIB	STX,B	98	**227.2**	16.7	2	$782	6	250.4	**254.9**	**174.4**	213.6	242.6
THUNDER	T6098 VT2P	VT2PB	98	**225.5**	17.1	1	$775	8	251.0	232.9	164.4	**234.4**	244.6
PIONEER	P9608Q GC	QR,B	96	224.3	17.0	1	$771	10	**257.9**	230.5	**176.7**	222.7	234.0
THUNDER	T6996 VT2P	VT2PB	96	223.9	16.7	1	$772	9	248.3	238.2	153.9	**226.0**	**253.3**
HEFTY	H4542VT2P	VT2P	95	223.1	16.1	1	$771	11	**257.8**	238.4	155.4	215.3	**248.3**
LATHAM	LH 4657 VT2P RIB	VT2PB	96	222.6	16.8	1	$767	12	**264.9**	236.2	153.5	222.5	236.1
HEFTY	H4612VT2PRIB	VT2PB	96	222.3	16.6	1	$766	13	252.9	**243.9**	150.5	**235.9**	228.0
INTEGRA	4601 VT2P	VT2P	96	222.2	16.8	2	$765	14	244.1	231.6	152.8	**234.1**	**248.2**

Figure 5 Soybean Performance Summary

ALL-SEASON TEST | MATURITY GROUP 1.8–2.5 | Top 30 of 72 tested — A B C D — Results in BOLD are significantly above test average.

Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Arlington	Oregon	Postville	Watertown
CREDENZ	CZ 2121GTLL GC	LLGT27	2.1	**68.8**	11.1	6	$619	**72.8**	61.8	**73.9**	**66.8**
FS HISOY	HS 24X80	RRX	2.4	**67.6**	10.8	7	$609	**68.1**	**70.5**	67.1	**64.8**
GENESIS	G2190GL	LLGT27	2.1	**67.5**	10.9	8	$607	**73.0**	61.7	**73.7**	61.6
GOLDEN HARVEST	GH2230X	RRX	2.2	66.8	11.0	6	$602	64.7	**66.9**	70.4	**65.3**
TITAN PRO	2.20E+09	E3	2.2	66.7	11.3	9	$600	65.3	62.4	**72.5**	**66.5**
PIONEER	P23A15X U	RRX	2.3	66.6	11.0	8	$600	**67.9**	63.4	65.7	**69.5**
CREDENZ	CZ 2040GTLL 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	61.5
LATHAM	L 2295 R2X	RRX	2.2	65.9	10.6	9	$594	**69.2**	62.9	70.4	61.2
GENESIS	G2350E	E3	2.3	65.8	11.1	8	$592	64.0	**64.2**	67.9	**67.1**
DAIRYLAND	DSR-2590E	E3	2.5	65.8	11.6	12	$592	62.4	**68.2**	69.4	63.1
ASGROW	AG20X9 U	RRX	2.0	65.7	10.9	12	$591	67.6	62.0	67.0	**66.2**

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.

STATISTICS REPORTED

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

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

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

OTHER INFORMATION

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

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

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

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

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

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

TECHNOLOGY CODE LEGEND

Product Suffix Key

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

Corn Seed Technology Key

CODE	DESCRIPTION
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)
A	Agrisure® Artesian®
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AT	Agrisure® Total (CB,HXX,RW,LL,GT), formerly Agrisure® 3122
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax® 1 (HXT,LL,RR2)
AML	Optimum® AcreMax® Leptra (Vip,YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax®TRIsect
AQ	Optimum® AQUAmax®
CONV	conventional corn
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
DVZ	DuracadeViptera™ Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade® 5332
DG	DroughtGard®
E	Enlist™ (2,4-D, glyphosate, fop tolerance)
GT	Agrisure® GT
GTA	Agrisure® GTA
PC	PowerCore® (HX,VT2P)
PCE	PowerCore® Enlist® (HX,VT2P, 2,4-D)
QR	Qrome®
RR2	Roundup Ready® 2 Corn
STX	SmartStax® (VT3P,HXX)
STXP	SmartStax® PRO (VT3P,HXX)
TRE	Trecepta®
VT2P	VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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 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.

Site Description: MNWC *(See corn results table on pages 7–8)*

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
Brooten	Michael Stamer	sandy loam	conventional	sugarbeet	192.5	May 12	Oct 8	34.8	188.5	244.9	2
Clinton	Doug Nelson	loam	strip till	soybeans	150	May 8	Oct 17	35.1	215.2	198.3	18
Kerkhoven	Rod and Brody Lindquist	loamy sand	no-till	corn	170	May 17	Oct 5	34.3	134.7	205.3	8
Lester Prairie	Nathan Ide	loam	conventional	soybeans	180	May 10	Oct 11	34.7	228.4	194.7	11
Montevideo	Dusten Williamson	silty clay loam	conventional	soybeans	175	May 9	Oct 3	35.3	223.7	202.1	4
Starbuck	Matt Moe	loam	conventional	soybeans	145	May 11	Oct 7	35.0	217.9	193.4	8
									MNWC	**199.1**	**22**

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

Site Description: MNSW *(See corn results table on pages 9–10)*

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
Easton	Dru Martin	silty clay loam	conventional	soybeans	225	May 24	Nov 07	33.1	221.9	211.1	23
Jackson	Steve Ryberg	clay loam	conventional	soybeans	199	May 4	Oct 18	32.9	217.1	206.2	22
Jeffers	Rick Quade	clay loam	strip till	soybeans	186	May 24	Nov 05	32.9	223.3	195.7	17
Lamberton	Ed Iverson	loam	conventional	soybeans	185	May 10	Nov 06	31.7	215.8	196.9	6
Mankato	Greg Scheurer	loam	conventional	soybeans	155	May 4	Nov 1	32.2	209.4	217.8	5
Truman	Dan Helvig	loam	conventional	soybeans	160	May 5	Oct 17	32.7	266.4	199.7	5
									MNSW	**200.7**	**23**

Site Description: MNSE *(See corn results table on pages 11–12)*

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	corn	280	May 19	Nov 02	32.5	272.7	217.1	23
Dexter	Eric Lee	silt loam	strip till	soybeans	180	May 3	Oct 16	32.8	152.5	206.8	15
Eyota	Arthur & Paul Wendt	silt loam	conventional	soybeans	190	May 19	Nov 4	33.1	194.9	211.3	22
Kasson	Brian Herbst	silt loam	conventional	soybeans	192	May 20	Oct 30	33.0	229.8	220.1	23
Nerstrand	Keith, Kurt and Brian Schrader	silt loam	conventional	soybeans	160	May 3	Nov 2	32.5	187.5	229.5	5
New Richland	Leon Schoenrock	silty clay loam	conventional	soybeans	145	May 2	Nov 3	31.0	221.8	206.3	23
									MNSE	**209.3**	**23**

CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2019–2023

FIRST Region	Average Yield by Year (Bu/A)					Since Inception	
	2023	2022	2021	2020	2019	Bu/A	#Years
MNWC	211.2	195.8	214.2	202.5	207.1	199.1	22
MNSW	228.8	217.9	205.7	227.9	203.6	200.7	23
MNSE	209.6	233.7	235.2	239.5	224.9	209.3	23

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

ULTRA EARLY-SEASON TEST 88–92 Day CRM | Top 30 of 30 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Brooten#	Clinton	Kerkhoven	Lester Prairie	Montevideo	Starbuck
Gold Country	91-99R2P	VT2P	91	**205.6**	15.3	1	$926	1	155.3	209.9	141.0	224.3	**236.6**	216.2
Hefty	H4052	VT2P	90	203.3	15.4	0	$916	2	119.0	**212.3**	147.2	227.7	209.8	**219.7**
Hefty	H4064	STX	90	201.9	15.5	0	$908	3	138.2	195.8	150.5	**239.5**	197.9	**225.7**
Legacy	LC414-21	VT2P	91	201.9	15.7	0	$908	4	156.0	**218.0**	102.5	**244.7**	**224.0**	**220.0**
Dyna-Gro	D31VC23	VT2P	91	201.4	15.7	1	$906	5	134.6	204.7	139.0	238.2	214.3	210.9
Augusta	A2541-5222	DV	91	201.4	16.6	0	$899	6	109.6	**227.4**	144.8	214.6	**222.9**	197.3
Dairyland	DS-3022AM	AM	90	199.6	15.8	0	$896	7	152.2	208.0	**165.4**	212.0	**227.9**	184.3
Anderson	742VT2P GC	VT2P	92	198.7	16.4	0	$889	9	164.4	208.6	145.2	233.0	203.9	202.8
Renk	RK297VT2P	VT2P	89	197.7	15.5	0	$889	8	166.8	192.6	125.3	**245.4**	**228.8**	196.4
Gold Country	88-04R2P	VT2P	88	196.3	15.3	0	$885	10	151.1	206.7	**159.2**	233.3	194.2	188.2
Augusta	A2140-D	D	90	195.6	16.0	5	$877	12	181.3	**228.3**	145.6	213.2	175.0	216.2
Thunder	T6389 VT2P	VT2P	89	194.8	14.9	0	$879	11	123.8	202.4	154.9	204.4	**223.9**	188.7
Hefty	H4162	VT2P	91	194.2	15.6	2	$873	13	139.8	206.1	146.6	217.3	198.9	202.2
Thunder	T6992 VT2P	VT2P	92	193.9	15.6	1	$871	14	129.7	201.0	153.2	225.6	215.9	173.5
Renk	RK400VT2P	VT2P	90	193.1	15.7	1	$868	16	135.4	206.2	137.1	210.5	204.4	207.4
Thunder	T6490 VT2P	VT2P	90	193.1	15.4	2	$869	15	170.7	194.9	139.7	223.9	206.7	200.1
Dairyland	DS-3203AM	AM	92	192.5	16.0	0	$864	17	95.2	178.6	120.9	237.8	200.6	**224.4**
Gold Country	92-10R2P	VT2P	92	191.7	15.8	0	$860	18	114.0	204.2	127.5	**241.7**	196.0	189.0
Enestvedt	E612RR	RR2	92	189.2	15.9	3	$849	19	123.0	182.2	133.9	222.7	214.0	193.2
Dairyland	DS-3159AM	AM	91	188.5	15.8	0	$848	20	148.8	201.8	116.1	230.5	199.2	194.9
Anderson	742R	RR2	92	188.5	16.0	2	$845	21	150.6	181.3	148.4	232.1	189.3	191.2
Pioneer	P9193Q GC	QR	91	187.6	15.6	0	$845	22	141.5	187.1	108.3	208.0	204.7	**229.7**
Augusta	A2039-D	D	89	185.6	15.8	0	$833	23	157.8	188.0	150.3	227.3	177.0	185.2
Dyna-Gro	D28VC33	VT2P	88	184.7	15.3	0	$832	24	116.3	196.8	132.4	205.9	201.4	187.1
Dairyland	DS-2919AM	AM	89	183.8	15.6	0	$826	25	179.1	184.9	131.1	**249.2**	178.2	175.5
Legacy	LC403-22	AA	90	183.2	15.6	1	$824	26	102.6	190.9	134.5	216.9	173.3	200.2
Hefty	H4264	STX	92	183.2	16.3	0	$820	27	161.8	191.2	109.3	219.3	216.9	179.1
Thunder	T6390 AA	AA	90	178.9	15.7	0	$805	28	85.8	196.5	90.8	211.6	201.6	194.1
Renk	RK296AA	AA	89	176.7	16.1	5	$792	30	86.9	194.3	130.3	213.1	180.4	165.5
Golden Harvest	G90B11-AA	AA	90	176.4	15.6	0	$794	29	167.1	162.5	109.4	220.5	206.0	183.6
Averages =				192.1	15.7	1	$863		138.0	198.2	134.7	224.7	203.8	196.9
LSD (0.10) =				12.3	0.3	2.4			47.0	14.0	20.5	14.6	17.6	19.5

EARLY-SEASON TEST 93–98 Day CRM | Top 30 of 43 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Brooten#	Clinton	Kerkhoven	Lester Prairie	Montevideo	Starbuck
Renk	RK485DGVT2P	VT2PDG	94	**231.9**	16.5	12	$1,038	1	**221.7**	220.5	186.5	240.1	242.2	235.0
Jacobsen	JS5044DGVT2P	VT2PDG	95	**229.7**	16.5	5	$1,030	3	193.1	230.1	158.8	**253.1**	226.4	**246.1**
Renk	RK582SSTX	STX	98	227.5	17.0	1	$1,015	5	215.4	212.8	150.2	244.5	228.4	236.4
Thunder	T6497 TRE	TRE	97	227.1	16.7	5	$1,015	4	**222.8**	213.3	174.0	227.7	243.9	227.6
Dairyland	DS-3599Q	QR	95	226.0	16.8	0	$1,010	6	168.4	218.5	177.5	244.6	**252.1**	**246.4**
Hefty	H4564	STX	95	224.8	17.2	1	$1,001	12	194.1	213.1	170.4	245.5	**252.2**	219.3
Rob-See-Co	D98-43-TRE GC	TRE	98	224.7	16.8	4	$1,003	9	**231.2**	219.3	204.4	230.9	224.9	217.0
Thunder	T6298 VT2P	VT2P	98	224.6	16.6	2	$1,006	7	172.3	**235.4**	158.4	**261.9**	230.0	223.4
Gold Country	98-15RSS	STX	98	224.0	17.0	3	$999	13	194.0	226.8	192.5	220.6	232.0	**246.6**
Hefty	H4462	VT2P	94	223.9	16.5	0	$1,002	11	205.9	213.7	181.8	223.1	233.6	243.1
Jacobsen	JS9723TRE	TRE	97	223.8	16.4	1	$1,003	10	197.4	**231.4**	171.9	226.1	230.3	233.8
Jacobsen	JS7045VT2PRO	VT2P	95	223.4	16.2	1	$1,003	8	145.6	**231.9**	206.9	**253.8**	242.5	243.4
Jacobsen	JS7096VT2PRO	VT2P	97	220.0	16.3	0	$987	14	151.2	218.1	207.5	224.9	245.5	**260.2**
Gold Country	95-53R2P	VT2P	95	219.1	16.2	10	$982	15	189.4	222.7	181.0	227.9	226.0	229.2
Epley	E9803VT2P	VT2P	98	218.2	16.8	12	$974	17	200.3	220.7	180.5	223.4	215.0	231.5
Hefty	H4332	VT2P	93	218.1	16.2	0	$980	16	210.1	213.1	170.3	215.0	224.3	228.3
Thunder	T8396 SS	STX	96	217.3	16.9	0	$970	18	154.2	226.9	128.9	234.7	**255.7**	215.2
Golden Harvest	G93A49-D	D	93	216.3	16.9	15	$965	23	188.6	214.6	178.8	227.7	240.1	210.5
Anderson	746SRC	STX	98	216.3	16.9	1	$964	24	**227.3**	189.9	134.5	215.0	220.3	228.9
Augusta	A2048-AA	AA	98	216.1	17.1	5	$963	26	187.8	204.9	155.1	226.4	235.3	226.1
Thunder	T6294 VT2P	VT2PDG	94	216.1	16.4	12	$969	19	191.2	228.1	197.3	221.7	228.1	211.4
Dairyland	DS-3477AM	AM	94	216.0	16.5	2	$968	20	160.4	209.0	190.9	241.5	243.9	225.0
Gold Country	96-79RSS	STX	96	215.8	16.4	1	$967	21	159.3	230.4	193.2	222.7	229.1	237.6
Renk	RK590VT2P	VT2P	98	215.6	16.4	5	$966	22	188.6	217.2	186.9	226.5	216.7	228.9
Legacy	LC474-23	PCE	97	215.2	16.6	0	$963	25	162.1	213.1	160.5	**247.8**	240.9	212.0
Gold Country	98-64TRE	TRE	98	215.1	16.6	3	$962	27	189.2	211.4	188.8	237.9	222.4	214.7
Thunder	T6396 VT2P	VT2P	94	214.9	16.5	5	$962	28	**222.0**	212.5	203.7	221.9	227.4	190.7
Dairyland	DS-3881AM	AM	98	214.8	17.2	0	$957	29	173.5	219.1	169.4	218.5	**250.8**	212.0
Hefty	H4653 RIB	VT2PDG	96	213.1	16.6	9	$953	30	188.7	213.8	184.9	214.9	228.1	220.1
Hefty	H4562	VT2P	95	212.1	16.2	3	$950	31	183.8	224.9	157.7	219.1	214.0	218.4
Pioneer	P9955Q CK	QR	99	**231.7**	17.3	0	$1,031	2	157.9	**235.6**	161.9	**271.9**	**248.7**	244.5
Averages =				215.8	16.7	4	$965		180.3	217.6	171.9	228.2	229.3	223.7
LSD (0.10) =				13.5	0.3	5.8			37.1	13.7	35.9	18.1	16.7	22.3

#Brooten—results rejected, not included in summary.

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

FULL-SEASON TEST 99–102 Day CRM | Top 30 of 36 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Brooten‡	Clinton	Kerkhoven#	Lester Prairie	Montevideo	Starbuck
Dairyland	DS-3900AM	AM	99	**241.6**	17.5	2	$1,072	1	**250.3**	**247.6**	157.2	228.7	242.6	238.7
Dairyland	DS-4003Q	QR	100	**240.9**	17.5	0	$1,068	2	**260.0**	217.4	175.5	244.7	**255.1**	227.3
Jacobsen	JS7001VT2PRO GC	VT2P	99	**238.7**	16.8	4	$1,067	3	215.0	238.5	172.3	**250.1**	243.0	**247.2**
Enestvedt	E600DP RIB	VT2P	99	235.0	17.0	6	$1,048	4	211.7	231.2	170.7	**259.0**	230.6	**242.6**
Renk	RK609VT2P	VT2P	101	233.9	16.9	0	$1,043	6	232.2	232.2	156.8	**254.1**	232.4	218.8
Renk	RK579DGVT2P	VT2PDG	99	233.8	17.1	3	$1,041	7	**244.0**	224.0	184.3	241.8	242.7	216.4
Thunder	T6300 VT2P	VT2P	100	233.0	17.1	1	$1,038	8	208.0	223.8	157.8	**249.4**	**248.1**	235.6
Gold Country	101-51RSP	STXP	101	231.6	17.8	0	$1,025	12	**250.0**	219.5	181.0	229.4	235.7	223.6
Enestvedt	E699DP RIB	VT2P	99	231.6	16.6	3	$1,036	9	223.1	236.8	156.0	225.8	237.0	235.1
Hefty	H4964	STXP	99	230.7	16.8	0	$1,030	10	178.1	**240.9**	158.8	236.9	239.3	**258.5**
Dairyland	DS-4219AM	AM	102	230.2	17.5	1	$1,021	13	238.8	230.7	166.7	240.1	224.6	216.9
Thunder	T6999 VT2P	VT2P	99	229.2	16.4	2	$1,027	11	203.6	**242.5**	175.9	236.1	239.6	224.1
Thunder	T6902 VT2P	VT2P	102	227.5	17.6	2	$1,009	14	199.4	227.1	158.2	239.3	242.7	229.2
Rob-See-Co	D01-90-VT2P GC	VT2P	101	226.6	17.3	2	$1,008	15	204.0	233.8	163.1	244.8	230.4	220.0
Thunder	T6499 PC	PCE	99	225.3	17.2	0	$1,002	18	197.2	223.7	153.1	225.0	**251.0**	229.7
Hefty	H4933 RIB	VT2PDG	99	225.0	16.7	2	$1,005	16	212.8	214.6	145.9	232.3	233.4	232.1
Renk	RK597SSPRO	STXP	99	224.4	16.7	1	$1,003	17	174.1	217.5	187.6	235.7	**255.4**	239.2
Renk	RK628VT2P	VT2P	102	224.2	17.3	0	$997	19	208.0	222.2	177.0	213.5	240.0	237.2
Augusta	A22-250-AA	AA	100	222.4	17.5	0	$988	20	222.1	203.0	156.3	230.4	229.6	227.1
Dyna-Gro	D41TC74RIB	TRE	101	221.9	17.2	4	$988	21	179.7	239.4	161.7	240.5	229.1	220.8
Golden Harvest	G00A97-AA	AA	100	221.4	17.7	1	$981	23	231.4	216.0	152.2	207.6	238.2	214.1
Renk	RK600VT2P	VT2P	100	220.2	17.3	3	$979	24	203.3	229.8	117.3	214.7	238.7	214.5
Gold Country	100-19TRE	TRE	100	219.8	16.4	0	$985	22	165.7	238.9	134.2	**252.2**	209.5	232.6
Enestvedt	E539DP RIB	VT2P	102	218.2	17.5	8	$968	25	193.0	221.7	142.0	236.0	225.5	215.0
Jacobsen	JS7107VT2PRO	VT2P	102	217.5	17.6	6	$964	26	217.3	214.3	147.7	216.8	211.5	227.7
Hefty	H5062	VT2P	100	215.7	16.7	0	$964	27	146.5	240.0	156.6	218.1	233.8	240.3
Hefty	H5055	TRE	100	215.6	17.3	1	$959	28	179.0	201.3	148.1	**249.7**	236.2	211.8
Jacobsen	JS0223VT2P	VT2P	102	215.2	17.5	2	$955	29	161.1	235.3	141.9	226.5	214.2	239.0
Anderson	507R GC	RR2	102	213.7	17.5	6	$948	30	178.0	220.2	140.7	226.8	226.5	217.2
Hefty	H4942 RIB	VT2P	99	212.2	16.8	5	$948	31	151.3	210.2	176.6	231.8	**249.6**	218.4
Pioneer	P9955Q CK	QR	99	235.9	17.4	0	$1,048	5	223.7	236.0	178.9	231.6	237.2	**251.0**
Averages =				223.3	17.2	2	$994		198.9	226.0	160.2	230.9	232.5	228.0
LSD (0.10) =				14.8	0.4	4.1			44.2	14.5	32.0	17.3	14.1	13.8

‡Brooten—2 replications full-season test; #Kerkhoven—early- and full-season test results rejected, not included in summary.

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

EARLY-SEASON TEST 97–102 Day CRM | Top 30 of 72 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Easton	Jackson	Jeffers	Lamberton	Mankato##	Truman
Dairyland	DS-4219AM	AM	102	**239.2**	16.9	0	$1,118	1	**245.5**	215.6	**233.2**	**228.2**	161.7	**273.4**
Rob-See-Co	RC4779-PCE	PCE	97	**234.4**	16.2	0	$1,101	3	**243.1**	219.0	227.6	213.7	192.2	268.6
Wyffels	W1996RIB	VT2P	98	**234.4**	15.9	0	$1,104	2	211.9	**228.2**	**248.3**	**225.6**	184.1	257.8
Augusta	A2048-AA	AA	98	**234.2**	16.4	0	$1,099	4	**240.4**	212.9	**234.7**	216.8	145.6	266.1
Legacy	LC494-23	PCE	99	**233.9**	16.8	0	$1,094	5	226.8	214.5	**237.8**	**224.1**	179.5	266.5
Augusta	A2150-DV	DV	100	**233.0**	17.1	0	$1,087	6	**238.1**	**236.9**	207.8	215.6	177.7	266.8
Dairyland	DS-3900AM	AM	99	**231.8**	16.8	1	$1,084	9	**247.8**	214.8	228.1	**221.5**	183.6	246.9
Dairyland	DS-3881AM	AM	98	**231.8**	16.7	0	$1,085	8	**242.7**	206.8	219.5	216.1	167.9	**273.6**
Titan Pro	28-96 PCE	PCE	96	**231.3**	16.2	1	$1,087	7	**232.5**	**226.4**	230.5	203.3	197.4	264.1
Pioneer	P9955Q GC	QR	99	**230.8**	16.8	0	$1,080	10	**234.1**	**226.3**	219.1	**221.4**	**208.3**	253.1
Renk	RK628VT2P	VT2P	102	**228.9**	16.6	0	$1,072	12	202.2	**224.7**	221.7	**219.5**	161.1	**276.1**
Heine	7360	TRE	102	**228.4**	15.9	0	$1,075	11	**233.8**	193.5	219.4	**229.1**	184.9	266.3
DenBesten	DB34-92	CONV	92	**227.4**	16.0	3	$1,070	13	228.3	201.1	**231.5**	**221.8**	**214.7**	254.4
Jacobsen	JS5206DGVT2P	VT2PDG	102	225.8	15.7	0	$1,065	14	225.0	212.9	212.2	216.5	188.3	262.2
Titan Pro	30-00 SS	STX	100	225.5	16.0	0	$1,061	15	**236.1**	187.2	229.5	213.5	168.6	261.1
Gold Country	101-51RSP	STXP	101	225.2	16.6	0	$1,055	16	**243.9**	194.8	213.5	215.7	201.6	258.3
Jacobsen	JS0223VT2P	VT2P	102	225.0	16.4	0	$1,055	17	**235.3**	216.1	205.8	194.7	202.2	**273.0**
Augusta	A3052-DV	DV	102	224.8	17.6	0	$1,045	21	215.4	218.7	192.7	**221.6**	178.3	**275.8**
Dairyland	DS-4003Q	QR	100	224.8	16.9	0	$1,050	20	**235.4**	192.9	224.1	**220.2**	200.9	251.2
DeKalb	DKC101-35RIB GC	VT2P	101	224.4	16.1	0	$1,055	18	215.8	187.3	217.6	**228.8**	201.5	**272.6**
Wyffels	W2595	TRE	101	223.7	16.0	1	$1,053	19	217.2	197.1	224.0	213.4	163.8	266.5
Wyffels	W2629	STXP	101	222.4	16.3	0	$1,044	22	223.2	190.4	221.5	212.3	194.0	264.3
Titan Pro	37-97 DV	DV	97	221.2	16.3	0	$1,038	23	**236.4**	188.9	220.1	206.3	179.1	254.1
Heine	7480	VT2PDG	102	220.5	16.2	0	$1,036	25	223.1	203.6	202.6	208.3	168.1	264.9
DeKalb	DKC47-85RIB GC	VT2P	97	220.0	15.7	0	$1,037	24	210.3	189.7	214.7	216.1	181.1	**269.3**
Enestvedt	E539	CONV	102	219.8	16.2	0	$1,033	26	200.4	204.6	212.6	216.3	151.0	265.4
Rob-See-Co	D01-90-VT2P	VT2P	101	219.5	16.0	0	$1,033	27	220.4	193.7	**237.1**	204.3	144.5	242.3
Golden Harvest	G97B68-DV	DV	97	219.2	16.3	1	$1,030	29	226.1	197.8	214.0	198.2	155.0	259.8
Gold Country	98-15RSS	STX	98	218.9	15.9	0	$1,031	28	220.5	219.5	209.1	202.5	183.2	242.8
Jacobsen	JS7107VT2PRO	VT2P	102	218.9	16.2	1	$1,029	30	203.4	203.2	211.4	210.6	**212.9**	265.8
DeKalb	DKC51-25RIB CK	VT2P	101	200.0	15.8	0	$943	71	191.0	191.2	209.6	174.8	177.6	233.5
Averages =				217.6	16.2	0	$1,022		212.2	200.9	214.7	205.6	168.5	254.5
LSD (0.10) =				9.4	0.2	0.8			16.4	21.7	16.4	12.6	34.2	14.8

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

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Easton	Jackson	Jeffers	Lamberton	Mankato##	Truman
Titan Pro	24-05 PCE	PCE	105	**249.9**	17.4	0	$1,163	1	**254.3**	236.6	234.5	**238.6**	187.0	285.6
Enestvedt	E541	CONV	106	**248.4**	17.3	0	$1,157	2	**255.1**	242.0	238.2	225.0	201.2	281.6
Integra	5704 SSPRO	STXP	107	**247.9**	17.3	0	$1,155	3	**251.2**	234.1	231.9	**239.6**	**214.9**	282.6
Wyffels	W3309	STXP	103	**246.3**	16.9	0	$1,151	4	233.8	238.2	233.4	**236.3**	185.9	**289.5**
Jacobsen	JS7420VT2PRO	VT2P	107	**245.9**	17.7	0	$1,140	7	237.8	228.6	239.6	216.7	**214.5**	**306.6**
Gold Country	103-76RSS	STX	103	**245.8**	16.8	0	$1,150	5	**242.4**	238.7	**244.4**	**238.5**	197.4	265.2
Titan Pro	24-04	CONV	104	**244.4**	16.9	0	$1,142	6	**245.5**	237.1	235.0	**238.2**	**222.3**	266.2
DenBesten	DB34-06	CONV	106	**243.3**	17.9	0	$1,127	11	238.9	230.9	239.1	**237.3**	176.4	270.5
Viking | Blue River	72-06	CONV	106	**243.3**	16.9	0	$1,136	8	**253.6**	208.3	**245.9**	230.7	203.4	278.1
Dairyland	DS-4686AM	AM	106	242.2	17.2	0	$1,129	9	218.5	233.7	227.8	214.4	**223.7**	**316.8**
Pioneer	P05737AM GC	AM	105	241.8	17.2	0	$1,127	10	227.8	**245.5**	232.3	227.8	209.4	275.6
Augusta	A1457-D	D	107	240.9	18.0	0	$1,115	16	240.0	221.2	231.9	224.3	201.1	**287.1**
Rob-See-Co	RC5694-VT2P	VT2P	106	240.1	16.5	0	$1,126	12	220.0	**252.6**	219.4	228.4	204.1	280.0
Dairyland	DS-4365AM	AM	103	239.7	17.0	0	$1,119	14	218.6	240.2	**252.4**	228.3	175.2	259.0
Titan Pro	32-06 SSP	STXP	106	239.5	16.9	0	$1,119	13	**242.9**	230.5	219.2	224.6	**221.4**	280.2
Augusta	A1956-PWE	PCE	106	239.4	17.4	1	$1,114	17	**243.9**	215.0	241.8	224.6	212.3	271.9
Titan Pro	36-06	CONV	106	238.8	16.8	0	$1,117	15	203.3	232.6	231.4	**235.2**	173.6	**291.7**
Wyffels	W5019	STXP	107	238.6	17.6	0	$1,108	21	235.8	224.4	236.6	210.0	205.2	286.1
Augusta	A2856-AA	AA	106	238.5	17.5	1	$1,109	20	**250.3**	223.3	236.8	212.5	139.3	269.9
Pioneer	P0622Q GC	QR	106	238.5	17.4	0	$1,109	19	**251.4**	216.6	237.4	212.9	167.8	274.1
Viking | Blue River	84-05	CONV	105	237.4	16.5	0	$1,113	18	219.8	**242.5**	240.4	221.8	162.7	262.6
Dairyland	DS-4567Q	QR	105	237.4	17.6	0	$1,102	28	234.6	188.9	**247.7**	**235.4**	184.1	280.2
Pioneer	P0404Q GC	QR	104	237.1	17.5	0	$1,103	26	216.4	237.3	**244.6**	227.9	173.0	259.1
Heine	7410	PCE	104	236.6	17.4	0	$1,101	29	**242.1**	206.8	241.1	232.1	155.6	260.9
Gold Country	104-75RSP	STXP	104	236.4	16.6	0	$1,106	23	**249.6**	208.2	**252.0**	220.9	189.1	251.1
Hefty	H5674	STXP	106	235.9	16.5	0	$1,106	24	228.3	216.9	228.7	222.0	**240.4**	283.7
Gold Country	105-51R2P	VT2P	105	235.7	16.6	0	$1,103	25	213.5	227.8	233.0	230.5	194.8	273.5
Wyffels	W3576RIB	VT2P	103	235.6	16.2	0	$1,108	22	204.2	**242.6**	223.4	224.4	187.3	283.1
Jacobsen	JS0513TRE	TRE	107	235.4	16.6	0	$1,103	27	233.7	232.8	212.3	222.9	**223.8**	275.1
Enestvedt	E598	CONV	107	232.8	16.4	0	$1,093	30	223.7	223.3	224.9	210.5	167.1	281.8
DeKalb	DKC51-25RIB CK	VT2P	101	202.4	15.8	0	$954	60	185.6	189.3	214.5	190.7	172.9	231.7
Averages =				232.4	16.9	0	$1,085		222.1	223.0	227.4	217.5	185.2	271.8
LSD (0.10) =				10.0	0.3	ns			18.4	19.3	16.0	16.1	28.5	15.1

##Makato—results rejected, not included in summary, water damaged stands resulting in variability.

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

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

ULTRA LATE-SEASON TEST 108–112 Day CRM | Top 30 of 36 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Easton	Jackson	Jeffers	Lamberton	Mankato##	Truman
Hefty	H5862	VT2P	108	**263.3**	18.6	1	$1,213	1	**274.4**	**284.2**	**259.4**	**254.3**	**193.8**	**313.8**
Dairyland	DS-4833AM	AM	108	**258.7**	18.0	0	$1,198	2	**255.8**	**258.8**	**267.6**	**257.8**	**222.3**	**289.9**
Pioneer	P1185AM GC	AM	111	**255.6**	18.8	0	$1,175	3	**255.1**	**257.1**	**240.5**	**247.3**	**226.7**	**306.8**
Hefty	H6064	STX	110	**253.4**	19.4	1	$1,159	4	**268.1**	**244.1**	**232.1**	**254.5**	**223.1**	**298.2**
Titan Pro	31-10 PCE	PCE	110	**250.3**	18.5	0	$1,154	5	**253.4**	**261.4**	**245.2**	**263.6**	**194.3**	**284.0**
Pioneer	P0953AM GC	AM	109	**248.7**	18.3	0	$1,149	6	**248.4**	**251.3**	**237.6**	**239.2**	**218.0**	**297.8**
Wyffels	W6215	TRE	109	**246.7**	18.1	0	$1,141	7	**250.0**	**263.5**	**224.5**	**215.6**	**230.3**	**296.2**
Gold Country	111-39RSS	STX	111	**246.6**	18.8	0	$1,134	8	**248.1**	**246.4**	**229.2**	**238.3**	**228.5**	**289.0**
Wyffels	W5406	VT2P	108	**243.7**	18.2	0	$1,126	9	**247.0**	**243.3**	**235.7**	**235.7**	**216.7**	**284.1**
Renk	RK811PWE	PCE	111	**243.4**	18.1	0	$1,126	10	**250.7**	**240.1**	**241.0**	**233.2**	**199.0**	**296.6**
Wyffels	W6886	VT2P	111	**243.2**	18.6	0	$1,120	12	**240.9**	**251.4**	**237.5**	**227.9**	**217.7**	**284.1**
Dairyland	DS-4878AM	AM	108	**243.0**	18.0	0	$1,125	11	**236.7**	**241.0**	**241.9**	**250.8**	**200.1**	**287.2**
Hefty	H5952	VT2P	109	**242.8**	18.4	0	$1,120	13	**261.4**	**217.3**	**229.7**	**230.2**	**225.0**	**293.4**
Dairyland	DS-4917AM	AM	109	**242.0**	18.5	1	$1,116	14	**254.9**	**226.9**	**222.4**	**268.5**	**191.9**	**287.1**
Golden Harvest	G10B61-AA	AA	110	**241.6**	19.3	0	$1,105	17	**243.4**	**228.9**	**221.1**	**263.0**	**207.3**	**286.1**
Integra	6061 STXRIB	STX	110	**240.2**	18.9	0	$1,103	18	**249.1**	**231.6**	**216.1**	**225.2**	**245.8**	**273.2**
Dyna-Gro	D49VC53RIB	VT2P	109	**239.8**	18.1	2	$1,110	16	**236.6**	**240.6**	**244.5**	**241.3**	**191.7**	**284.3**
Integra	CXINT108VT	VT2P	108	**239.4**	17.6	0	$1,112	15	**227.1**	**241.3**	**241.2**	**219.1**	**215.3**	**292.4**
Golden Harvest	G11V76-D	D	111	**239.0**	18.7	1	$1,100	20	**238.8**	**217.5**	**236.8**	**251.3**	**212.8**	**276.9**
DenBesten	DB34-12	CONV	112	**238.9**	18.9	1	$1,097	22	**235.4**	**238.1**	**228.0**	**245.2**	**193.6**	**293.0**
Hefty	H6252	VT2P	112	**238.1**	18.8	0	$1,095	23	**236.9**	**237.6**	**219.6**	**244.6**	**209.0**	**280.9**
Hefty	H6042 RIB	VT2P	110	**238.0**	18.2	1	$1,099	21	**214.4**	**246.5**	**240.2**	**215.8**	**219.5**	**291.8**
Renk	RK773TRE	TRE	109	**237.8**	18.0	0	$1,100	19	**246.5**	**243.8**	**230.7**	**216.6**	**205.8**	**283.3**
DeKalb	DKC108-64RIB GC	STXP	108	**236.4**	18.0	0	$1,094	24	**238.8**	**221.7**	**235.8**	**233.7**	**224.0**	**264.1**
Dyna-Gro	D50VC09RIB	VT2P	110	**235.2**	17.7	0	$1,092	25	**213.4**	**247.1**	**236.5**	**214.6**	**221.6**	**278.1**
Brevant	B09Z08AM GC	AM	109	**235.1**	18.3	0	$1,086	27	**242.5**	**221.8**	**233.3**	**241.4**	**204.9**	**266.7**
Renk	RK766SSPRO	STXP	109	**235.0**	18.2	0	$1,086	26	**248.7**	**242.5**	**239.8**	**223.2**	**202.8**	**252.6**
Channel	208-38VT2PRIB GC	VT2P	108	**232.7**	17.3	0	$1,083	28	**215.7**	**250.3**	**235.7**	**204.1**	**209.4**	**280.8**
DeKalb	DKC110-10RIB GC	STX	110	**232.0**	18.1	1	$1,073	30	**229.2**	**227.9**	**233.0**	**234.3**	**192.1**	**275.3**
Integra	5802 VT2PRIB	VT2P	108	**231.7**	17.7	2	$1,075	29	**221.8**	**247.5**	**230.5**	**214.3**	**200.5**	**275.4**
Averages =				**239.7**	18.4	0	$1,106		**241.3**	**239.9**	**233.1**	**238.4**	**209.5**	**281.4**
LSD (0.10) =				10.0	0.4	0.8			13.2	16.5	13.4	15.2	21.2	15.6

##Makato—results rejected, not included in summary, water damaged stands resulting in variability.

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

ULTRA EARLY-SEASON TEST 92–96 Day CRM | Top 30 of 40 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Cannon Falls	Dexter‡	Eyota‡	Kasson	Nerstrand	New Richland
Prairie Hybrids	591ORG	CONV	95	**223.9**	16.9	0	$1,045	1	**279.0**	**173.9**	**214.6**	**249.0**	183.8	**243.4**
DenBesten	DB34-92	CONV	92	**223.2**	16.8	0	$1,043	2	272.4	**185.6**	205.9	**241.6**	**186.9**	**246.8**
Titan Pro	38-96	CONV	96	**223.1**	16.9	1	$1,042	3	274.8	**181.3**	**215.6**	224.0	**188.7**	**254.2**
Titan Pro	28-96 PCE	PCE	96	**222.5**	17.3	1	$1,035	4	**278.8**	**173.0**	**210.7**	229.9	182.9	**259.5**
Pioneer	P96760Q GC	QR	96	**221.2**	17.0	0	$1,032	5	**283.0**	164.8	208.7	**250.7**	**200.6**	219.4
Enestvedt	E654	CONV	96	**219.4**	16.9	1	$1,024	6	**280.9**	**171.4**	203.4	232.0	**195.4**	233.3
Renk	RK571PWE	PCE	96	**213.1**	17.3	4	$992	7	267.2	**171.6**	**213.2**	190.5	**196.6**	**239.8**
Dairyland	DS-3477AM	AM	94	**212.9**	17.3	0	$991	8	256.5	**174.2**	205.4	**248.5**	170.8	222.3
NuTech	56A8AM	AM	96	209.3	17.5	0	$972	10	259.6	156.5	186.0	**235.8**	178.9	**238.8**
Augusta	A1943-AA	AA	93	208.6	16.8	0	$975	9	256.6	156.9	207.2	228.4	176.2	226.5
Dairyland	DS-3599Q	QR	95	208.1	17.2	0	$969	11	250.3	165.8	193.2	232.3	175.4	231.3
Dairyland	DS-3601AM	AM	96	207.1	17.0	0	$966	12	267.7	161.5	199.4	**237.4**	158.1	218.6
Renk	RK502SSTX	STX	95	206.7	17.1	0	$963	14	267.0	164.6	205.9	231.9	154.9	215.7
Renk	RK485DGVT2P	VT2PDG	94	206.5	16.9	0	$964	13	**280.8**	151.7	194.0	213.2	**186.3**	213.0
Augusta	A2545-DV	DV	95	206.1	17.2	0	$959	17	**284.1**	158.2	196.3	234.5	149.3	214.0
Anderson	7422	CONV	92	205.7	16.8	0	$961	15	270.7	159.2	201.6	217.2	177.5	208.0
Dairyland	DS-3203AM	AM	92	205.6	16.8	0	$961	16	262.1	161.7	200.4	**235.6**	157.4	216.4
Thunder	T8496 DV	DV	96	205.4	17.2	1	$957	18	275.6	165.9	208.7	210.7	154.9	216.5
Pioneer	P9624Q GC	QR	96	204.3	17.3	0	$950	22	252.2	161.2	205.5	**236.2**	184.5	186.2
Golden Harvest	G92A51-AA	AA	92	204.1	17.1	1	$951	20	253.0	162.7	194.0	221.0	176.7	217.3
Jacobsen	JS5044DGVT2P	VT2PDG	95	203.8	16.8	0	$952	19	256.9	143.3	**211.4**	218.3	173.2	219.8
DenBesten	DB30-97	CONV	97	203.7	16.9	0	$951	21	249.7	162.2	192.4	200.7	182.4	234.5
Viking | Blue River	42-92	CONV	92	201.0	16.8	0	$938	23	256.3	157.7	200.1	216.7	152.0	222.9
Augusta	A2046-DV	DV	96	200.5	17.4	1	$932	24	257.9	152.7	200.1	216.9	160.3	215.1
Augusta	A1946-AA	AA	96	199.3	17.2	0	$928	25	266.5	150.7	190.9	222.4	142.1	223.5
Thunder	T6294 VT2P	VT2PDG	94	198.3	16.8	0	$927	26	247.7	162.9	190.2	212.1	166.6	210.4
Dyna-Gro	D34VC93RIB	VT2P	94	195.4	16.9	0	$913	27	250.3	157.9	187.1	216.9	168.0	192.2
Renk	RK444VT2P	VT2P	93	194.9	16.7	0	$911	28	252.3	144.6	180.2	210.7	158.9	222.6
Viking | Blue River	62-93	CONV	93	194.8	17.2	1	$907	29	246.6	149.2	185.2	213.1	163.8	210.6
Thunder	T6396 VT2P	VT2P	94	193.5	16.6	0	$906	30	247.1	146.9	180.8	213.8	170.2	202.3
Averages =				202.9	17.0	0	$946		259.1	156.9	194.2	220.4	170.6	215.7
LSD (0.10) =				8.2	0.2	1.2			17.0	13.7	14.6	14.2	14.2	20.3

EARLY-SEASON TEST 97–102 Day CRM | Top 30 of 66 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Cannon Falls	Dexter‡	Eyota‡	Kasson	Nerstrand	New Richland
Dairyland	DS-4219AM	AM	102	**226.8**	17.9	0	$1,049	1	**294.4**	156.4	**228.0**	**252.6**	204.4	224.8
NuTech	57B5AM	AM	97	**225.3**	17.3	0	$1,048	2	277.2	155.2	209.7	**262.5**	210.3	**236.8**
Renk	RK628VT2P	VT2P	102	**224.7**	17.5	0	$1,043	3	**301.3**	**162.6**	**219.0**	230.7	201.6	**233.1**
NuTech	59C1AM	AM	99	**224.1**	17.6	0	$1,040	5	276.3	144.7	**233.3**	245.1	**215.6**	**229.6**
Golden Harvest	G98B99-AA	AA	98	**223.7**	17.1	0	$1,042	4	268.2	160.1	**222.1**	239.6	**221.9**	**230.1**
Rob-See-Co	RC4779-PCE	PCE	97	**223.4**	17.4	2	$1,038	6	271.5	157.8	**231.7**	240.4	207.4	**231.4**
NuTech	60A4AM	AM	100	**222.4**	17.8	0	$1,030	9	**300.4**	152.3	209.6	**254.6**	208.8	208.5
Legacy	LC494-23	PCE	99	**222.2**	17.7	0	$1,030	8	254.6	**166.0**	**224.2**	**257.7**	**218.1**	212.4
Thunder	T6498 PC	PCE	98	**221.4**	17.2	1	$1,031	7	**291.0**	**183.5**	188.7	241.0	200.4	223.9
Dairyland	DS-3881AM	AM	98	**219.8**	17.3	0	$1,023	10	280.5	157.0	190.2	240.3	**226.6**	224.5
Augusta	A2052-AA	AA	102	216.9	18.0	0	$1,003	15	275.1	156.4	211.3	229.3	203.3	226.0
Dairyland	DS-3900AM	AM	99	216.5	17.7	0	$1,003	14	**286.7**	149.2	198.8	**253.8**	197.5	212.9
Golden Harvest	G01B63-AA	AA	101	216.4	18.0	0	$1,000	16	267.8	151.8	203.8	**254.5**	179.0	**241.8**
Jacobsen	JS5206DGVT2P	VT2PDG	102	216.4	17.1	0	$1,007	11	280.5	136.3	198.9	226.5	**211.6**	**244.7**
Anderson	507R	RR2	102	216.4	17.6	0	$1,004	13	268.7	141.9	**217.1**	233.7	196.4	**240.6**
Viking | Blue River	24-99	CONV	99	216.2	17.3	0	$1,006	12	276.2	**171.1**	186.3	**256.9**	195.8	211.2
Gold Country	101-51RSP	STXP	101	215.9	17.6	1	$1,000	17	**286.5**	137.6	213.5	**251.6**	194.8	211.3
Augusta	A2150-DV	DV	100	214.5	18.3	0	$989	20	270.4	140.1	196.7	238.9	**216.8**	224.3
Jacobsen	JS0223VT2P	VT2P	102	214.5	17.5	0	$995	19	**283.9**	150.2	200.5	240.8	199.5	212.0
Augusta	A2048-AA	AA	98	214.2	17.3	1	$997	18	265.2	**172.2**	213.6	**248.7**	170.0	215.6
NuTech	59A1Q	QR	99	212.8	17.7	0	$986	21	269.0	141.3	**222.6**	236.2	204.9	202.9
Titan Pro	37-97 DV	DV	97	211.6	17.2	0	$985	23	278.0	150.8	206.4	236.8	191.6	206.3
NuTech	57A4Q	QR	97	211.6	17.1	0	$986	22	279.9	139.0	196.0	239.7	201.8	213.0
Dairyland	DS-4003Q	QR	100	211.5	17.7	0	$980	25	259.9	**162.3**	**217.4**	232.6	183.5	213.2
Viking | Blue River	46-02	CONV	102	211.2	17.6	0	$979	27	267.2	147.5	210.0	235.8	196.3	210.6
Rob-See-Co	RC5062-AA	AA	100	210.9	17.7	0	$978	30	271.6	159.9	212.2	230.3	174.2	217.2
Pioneer	P9955Q GC	QR	99	210.8	17.5	0	$979	28	274.8	154.6	190.0	238.0	203.3	204.2
Gold Country	98-64TRE	TRE	98	210.6	17.0	0	$981	24	257.7	138.1	211.9	244.2	208.7	202.7
Thunder	T6298 VT2P	VT2P	98	210.1	17.0	0	$979	26	271.9	142.2	199.4	217.3	**216.0**	213.7
Renk	RK590VT2P	VT2P	98	209.8	17.0	1	$978	29	258.3	**162.8**	197.7	229.4	190.9	219.6
DeKalb	DKC51-25RIB CK	VT2P	101	192.9	16.8	0	$900	64	259.3	128.7	169.6	215.2	188.9	195.9
Averages =				208.9	17.4	0	$971		267.8	145.7	199.1	232.5	196.3	212.2
LSD (0.10) =				8.8	0.3	1.1			15.1	15.6	16.2	14.0	14.7	15.7

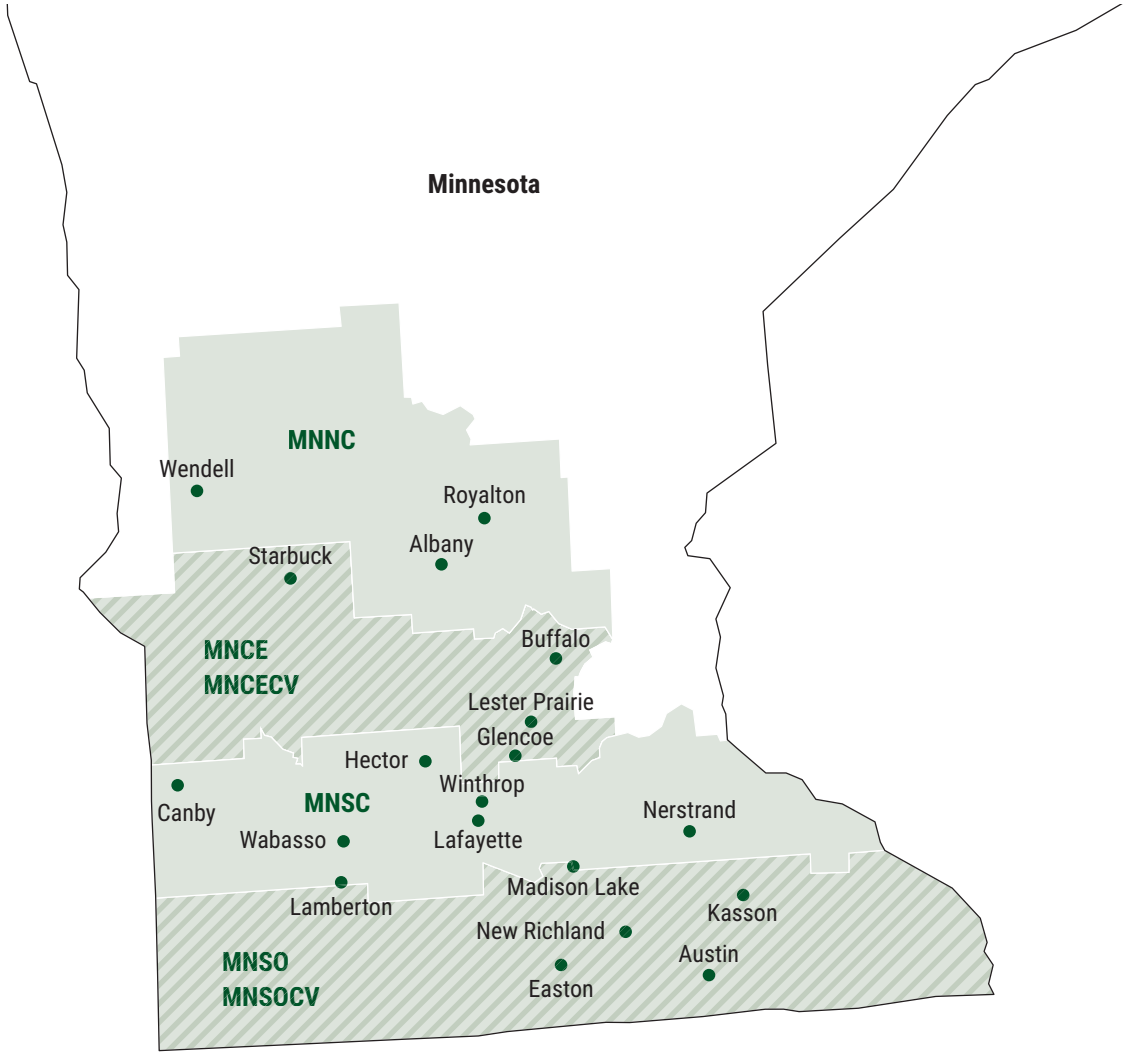
‡2 replications full-season test.

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

FULL-SEASON TEST 103–107 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	Cannon Falls	Dexter‡	Eyota‡	Kasson	Nerstrand	New Richland
DeKalb	DKC57-45RIB GC	VT2P	107	**238.4**	18.6	0	$1,095	1	**303.7**	**178.5**	210.9	**256.9**	**204.0**	**276.5**
Titan Pro	24-05 PCE	PCE	105	**233.3**	18.5	2	$1,072	2	**302.6**	**184.2**	206.1	233.3	**207.6**	**266.2**
Gold Country	105-51R2P	VT2P	105	**231.9**	18.1	0	$1,070	3	**304.7**	162.3	**212.1**	**248.3**	**208.5**	**255.2**
NuTech	66D1AM	AM	106	**227.2**	18.8	0	$1,041	6	**308.0**	148.8	190.8	**266.0**	196.0	254.0
Dairyland	DS-4686AM	AM	106	**227.1**	18.9	0	$1,040	7	297.8	150.7	199.3	243.5	**219.5**	251.8
Dyna-Gro	D45SP33RIB	STXP	105	**226.2**	17.9	1	$1,043	4	**332.3**	144.4	**212.8**	234.4	192.4	240.8
Enestvedt	E541	CONV	106	225.5	17.8	1	$1,042	5	293.4	**176.2**	183.0	**248.8**	**204.5**	246.9
Viking | Blue River	72-06	CONV	106	224.9	18.4	0	$1,034	9	297.8	157.1	**218.1**	233.5	186.9	**256.2**
Thunder	T6306 PC	PCE	106	224.3	18.8	0	$1,028	13	302.2	145.2	206.9	233.0	**203.2**	**255.3**
NuTech	63A5AM	AM	103	224.0	18.2	0	$1,033	10	296.4	**178.6**	206.6	238.5	189.1	234.9
Epley	E1530	CONV	105	223.8	18.2	0	$1,031	12	284.6	164.9	204.9	**246.2**	195.6	246.7
Gold Country	103-55R2P	VT2P	103	223.7	18.0	0	$1,034	8	281.9	**180.7**	192.0	239.8	**208.4**	239.5
Augusta	A1954 PCE	PCE	104	223.7	18.7	0	$1,026	14	**304.8**	169.3	194.2	239.3	188.4	246.2
Titan Pro	32-06 SSP	STXP	106	223.7	18.1	1	$1,031	11	**310.2**	166.5	179.7	230.9	**207.4**	247.3
Golden Harvest	G03B19-AA	AA	103	222.4	18.3	1	$1,025	15	291.9	**181.5**	174.5	231.7	**209.0**	245.8
NuTech	65D3Q	QR	105	222.4	19.2	0	$1,016	16	297.6	159.3	166.3	**247.8**	**228.8**	234.4
NuTech	66C2Q	QR	106	220.6	18.6	0	$1,012	19	**311.3**	165.1	207.3	**247.0**	176.1	217.1
Titan Pro	36-06	CONV	106	220.3	18.4	0	$1,013	18	288.3	157.2	208.4	229.2	**206.0**	232.5
Hefty	H5674	STXP	106	219.5	18.1	0	$1,012	21	**316.2**	135.8	193.0	237.9	196.5	237.9
Viking | Blue River	84-04	CONV	104	219.5	18.3	0	$1,012	20	282.7	**181.2**	**217.2**	227.9	176.9	231.1
Dairyland	DS-4365AM	AM	103	219.3	17.9	0	$1,013	17	293.3	162.9	185.1	**248.7**	184.7	241.4
Integra	5704 SSPRO	STXP	107	219.0	18.2	0	$1,008	26	300.8	152.6	173.5	230.0	189.3	**268.1**
NuTech	64B5Q	QR	104	219.0	18.3	0	$1,009	24	282.2	167.2	195.3	**251.0**	180.4	238.2
Rob-See-Co	RC5694-VT2P	VT2P	106	218.8	17.9	0	$1,011	22	295.5	159.6	191.5	222.6	201.1	242.3
Renk	RK720TRE	TRE	106	218.5	17.9	0	$1,009	25	299.3	161.4	185.3	223.6	**205.8**	235.6
Pioneer	P0622Q GC	QR	106	218.3	18.8	0	$1,000	27	**305.0**	148.8	162.0	**253.5**	192.4	247.9
Thunder	T6405 TRE	TRE	105	217.9	17.5	0	$1,010	23	289.7	156.7	204.8	216.5	195.2	244.8
Integra	5584 PWE	PCE	105	216.8	18.5	0	$997	29	293.7	155.4	197.3	**253.8**	175.0	225.5
Gold Country	107-83R2P	VT2P	107	216.8	18.4	0	$997	30	295.3	155.4	191.2	**256.7**	189.4	212.7
Augusta	A2154	CONV	104	216.2	18.0	0	$998	28	275.6	152.6	209.2	240.7	178.8	240.4
DeKalb	DKC51-25RIB CK	VT2P	101	196.4	17.3	0	$913	53	252.5	147.4	186.0	211.3	175.7	205.8
Averages =				216.2	18.1	0	$997		288.2	157.7	190.5	233.5	189.5	237.9
LSD (0.10) =				9.5	0.4	0.6			14.1	15.2	21.3	12.6	13.3	17.1

‡2 replications full-season test.



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

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	–	May 28	Nov 11	125.9	50.9	49.8	8
Royalton	Kenny Kasella	loam	conventional	corn	–	May 21	Nov 11	131.0	58.4	44.7	5
Starbuck	Matt Moe	loam	conventional	corn	–	May 20	Nov 2	125.8	36.3	45.2	9
Wendell	Chad Biss	silty clay loam	conventional	corn	–	May 27	Nov 15	126.0	40.8	45.0	7
									MNNC	**45.9**	**7**

Site Description: MNCE *(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
Buffalo	Bill Daluge	loam	conventional	corn	–	May 22	Nov 14	126.0	60.4	59.8	3
Canby	Austen Citrowski	loam	conventional	corn	–	May 27	Oct 23	NR	NR	54.3	3
Lester Prairie	Nathan Ide	clay loam	conventional	corn	–	May 18	Oct 22	131.8	59.2	52.2	6
Starbuck	Matt Moe	loam	conventional	corn	–	May 20	Nov 1	126.0	37.9	45.2	9
									MNCE	**52.6**	**21**

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average Stand × 1,000	Average Yield	Yield History Bu/A	Yield History Years
Glencoe	Brian Brinkman	loam	conventional	corn	–	May 25	Oct 20	121.9	52.8	53.8	14
Hector	Myron Macik	silty clay loam	conventional	corn	–	May 23	Oct 20	115.1	44.9	50.0	2
Lafayette	Jon Thoreson	clay loam	conventional	corn	–	May 31	Oct 21	125.3	54.4	54.3	2
Lafayette West	Jon Thoreson	clay loam	conventional	corn	33	May 31	Oct 21	NR	NR	–	new site
									MNCECV	**50.5**	**1**

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average Stand × 1,000	Average Yield	Yield History Bu/A	Yield History Years
Madison Lake	Mike Krenik	loam	conventional	corn	–	May 31	Oct 22	125.0	68.3	59.2	17
Nerstrand	Keith, Kurt and Brian Schrader	silt loam	conventional	corn	–	May 22	Oct 23	114.1	41.0	67.2	7
Wabasso	Leon Plaetz	loam	conventional	corn	–	May 25	Oct 10	115.5	52.3	56.4	17
Winthrop	Jim Sallstrom	clay loam	conventional	corn	–	May 25	Oct 11	NR	NR	57.4	6
									MNSC	**57.1**	**22**

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average Stand × 1,000	Average Yield	Yield History Bu/A	Yield History Years
Easton	Dru Martin	silty clay loam	conventional	corn	–	May 25	Oct 9	114.1	62.9	57.7	22
Kasson	Brian Herbst	silt loam	conventional	corn	–	May 18	Oct 8	116.3	43.2	59.8	22
Lamberton	Ed Iverson	clay loam	conventional	corn	–	Jun 2	Oct 11	116.2	51.9	54.7	4
New Richland	Leon Schoenrock	clay loam	conventional	corn	–	May 23	Oct 9	NR	NR	61.7	22
									MNSO	**58.0**	**22**

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average Stand × 1,000	Average Yield	Yield History Bu/A	Yield History Years
Austin	Jarred Ellis	silt loam	no-till	corn, rye cover crop	–	May 22	Oct 8	107.7	18.3	44.7	2
Lamberton	Ed Iverson	clay loam	conventional	corn	–	June 2	Oct 10	116.5	51.8	54.7	4
Madison Lake	Mike Krenik	loam	conventional	corn	–	May 31	Oct 22	123.7	62.2	59.2	17
Nerstrand	Keith, Kurt and Brian Schrader	silt loam	conventional	corn	–	May 22	Oct 23	114.5	38.2	67.2	7
									MNSOCV	**46.6**	**3**

SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2019–2023

FIRST Region	Average Yield by Year (Bu/A) 2023	2022	2021	2020	2019	Since Inception Bu/A	Since Inception #Years
MNNC	49.1	41.0	48.9	45.5	46.7	45.9	7
MNCE	52.4	49.8	55.8	52.6	43.2	52.6	21
MNCECV	50.5	–	–	–	–	50.5	1
MNSC	53.9	65.5	60.5	72.3	59.5	57.1	22
MNSO	52.7	61.6	57.0	73.1	60.6	58.0	22
MNSOCV	42.4	51.2	53.5	–	–	46.6	3

Soybean Results: MNNC *(See site description on page 13)*

EARLY-SEASON TEST | MATURITY GROUP 0.6–1.0 | Top 26 of 26 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Albany‡	Royalton	Starbuck#	Wendell#
Zinesto	Z1004E	E3	1.0	**54.6**	16.4	0	$709	51.7	63.9	**48.1**	**44.4**
Zinesto	Z0804E	E3	0.8	**54.5**	16.3	0	$708	54.0	65.5	**43.9**	39.9
Xitavo	XO 0993E	E3	0.9	54.0	16.0	1	$702	**58.6**	64.3	39.2	40.2
Zinesto	Z0903E	E3	0.9	53.4	16.2	0	$694	54.6	63.0	**42.5**	33.6
Dak-Sota	DE5107	E3	0.7	53.3	16.3	0	$693	51.6	65.3	**43.1**	29.2
Dairyland	DSR-0920E	E3	0.9	52.8	16.0	0	$687	**62.0**	64.0	32.5	29.9
Thunder	TX8307N	RXF	0.7	52.8	16.2	2	$686	51.4	**68.6**	38.3	34.0
Xitavo	XO 0602E	E3	0.6	51.7	16.1	0	$672	54.1	65.9	35.1	30.1
Thunder	TE7309N	E3	0.9	50.2	16.3	2	$653	56.7	58.3	35.7	21.1
Golden Harvest	GH0734E3 U	E3	0.7	50.0	16.2	0	$650	49.7	60.2	40.1	31.3
Dak-Sota	DE5309	E3	0.9	49.5	16.2	2	$644	55.1	52.2	**41.4**	**45.3**
Asgrow	AG09XF3 U	RXF	0.9	48.8	16.2	3	$634	52.4	**68.9**	25.1	28.7
Asgrow	AG06XF3 U	RXF	0.6	48.3	16.2	0	$628	53.5	55.9	35.5	23.1
Pioneer	P08A44E U	E3	0.8	48.3	16.1	0	$628	46.7	58.2	40.1	31.0
Zinesto	Z0701E	E3	0.7	47.9	16.2	1	$623	48.5	58.5	36.9	34.1
Pioneer	P04T02E U	E3	0.4	47.9	16.1	0	$623	54.1	55.7	34.0	22.0
Stine	06EG29 U	E3	0.6	46.7	16.1	3	$607	55.8	47.4	37.0	26.5
Thunder	TE7407N	E3	0.7	46.5	16.3	0	$605	48.9	59.3	31.5	33.1
Dairyland	DSR-0660E	E3	0.6	45.8	16.1	0	$596	47.6	54.6	35.3	28.1
Xitavo	XO 0731E	E3	0.7	45.5	16.1	0	$591	45.8	49.8	40.9	31.4
Dairyland	DSR-0757E	E3	0.7	44.9	16.2	1	$583	51.8	57.1	25.7	28.2
Dak-Sota	DE5110	E3	1.0	44.7	16.1	0	$581	42.7	54.9	36.4	30.6
Stine	08EG62 U	E3	0.8	44.5	16.2	0	$578	40.5	62.4	30.6	27.8
Thunder	TX8309N	RXF	0.9	44.1	16.4	5	$573	40.3	58.2	33.8	39.3
Golden Harvest	GH0933E3 U	E3	0.9	40.3	16.3	0	$524	46.5	43.9	30.6	33.6
Pioneer	P06A85E CK	E3	0.6	48.7	16.1	0	$632	52.6	62.4	31.0	31.6
Averages =				48.8	16.2	1	$635	51.0	58.9	36.2	32.0
LSD (0.10) =				5.5	0.2	2		6.8	8.1	4.9	9.7

FULL-SEASON TEST | MATURITY GROUP 1.1–1.5 | Top 29 of 29 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Albany‡	Royalton	Starbuck#	Wendell#
Golden Harvest	GH1194E3 U	E3	1.1	**57.9**	15.4	0	$753	55.7	**71.5**	38.6	46.5
Pioneer	P13T47E U	E3	1.3	**56.2**	15.2	0	$730	**57.2**	65.1	43.2	46.2
Dairyland	DSR-1290E	E3,ST	1.2	54.1	15.2	1	$704	49.6	64.5	39.2	**48.4**
Zinesto	Z1202E	E3	1.2	53.9	15.3	0	$701	**61.4**	62.0	41.1	38.4
Asgrow	AG12XF3 U	RXF	1.2	52.0	15.1	6	$676	49.0	60.5	37.0	46.6
Zinesto	Z1204E	E3	1.2	51.9	15.1	1	$675	48.2	58.5	44.0	**49.1**
Xitavo	XO 1404E	E3	1.4	51.9	15.2	0	$674	53.8	59.9	40.4	41.9
Golden Harvest	GH1124XF U	RXF	1.1	51.7	15.5	1	$673	45.0	61.6	41.9	**48.7**
Dyna-Gro	S14XF43	RXF	1.4	51.0	15.3	4	$663	49.0	62.3	30.8	41.8
Xitavo	XO 1372E	E3,ST	1.3	51.0	15.2	0	$663	53.0	60.4	33.0	39.5
Stine	10EF23 U	E3	1.0	50.8	15.2	0	$660	52.3	57.7	40.8	42.2
Xitavo	XO 1212E	E3	1.2	50.6	15.4	0	$658	**57.0**	58.2	38.9	36.7
Stine	14EG32 U	E3	1.4	50.6	15.2	1	$658	52.4	61.5	35.9	37.9
Thunder	TX8215N	RXF	1.5	50.2	15.4	3	$653	55.4	61.5	37.2	33.8
Channel	1022RXF GC	RXF	1.0	49.7	15.1	0	$646	49.7	56.5	37.4	43.0
Dyna-Gro	S12EN72	E3	1.2	49.1	15.4	1	$638	52.2	59.0	31.9	35.9
Dak-Sota	DE5412	E3	1.2	48.9	15.3	1	$636	43.2	60.7	42.9	42.8
Thunder	TX8414N	RXF	1.4	48.6	15.3	0	$632	45.6	60.8	37.6	39.5
Dairyland	DSR-1505E	E3	1.5	48.4	15.4	0	$629	53.6	51.0	37.9	40.5
Thunder	TE7415N	E3	1.5	47.7	15.4	1	$620	51.7	50.0	37.8	41.3
Thunder	TX8313N	RXF	1.3	47.6	15.3	2	$619	52.6	53.2	39.7	37.0
Xitavo	XO 1133E	E3	1.1	47.2	15.3	0	$613	49.5	51.3	35.9	40.7
Genesis	G1560E	E3	1.5	46.0	15.5	1	$598	50.4	49.6	34.2	38.1
Dairyland	DSR-1450E	E3,ST	1.4	46.0	15.2	0	$598	43.5	57.6	36.7	36.9
Dak-Sota	DE5215	E3	1.5	44.6	15.5	3	$580	49.7	43.5	36.7	40.6
Dak-Sota	DE5414	E3	1.4	44.5	15.3	1	$579	45.8	58.5	37.6	29.3
Asgrow	AG15XF2 U	RXF	1.5	44.4	15.2	1	$577	50.0	42.8	40.0	40.4
Zinesto	Z1502E	E3	1.5	43.0	15.4	1	$559	47.0	43.2	38.2	38.8
Pioneer	P06A85E CK	E3	0.6	52.8	15.0	1	$687	48.7	**68.9**	30.4	40.9
Averages =				49.7	15.3	1	$647	50.7	57.7	37.9	40.8
LSD (0.10) =				5.4	0.1	2.3		5.1	8.8	7.5	6.0

#Starbuck—full-season test results rejected, not included in summary ; Wendell—early-season test results rejected, not included in summary.

Soybean Results: MNCE *(See site description on page 13)*

ALL-SEASON TEST | MATURITY GROUP 1.3–2.0 | 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)	Buffalo	Canby#	Lester Prairie	Starbuck
Apex	AE1441 GC	E3	1.4	**59.9**	13.9	3	$779	68.4	50.8	**65.2**	**46.1**
Dairyland	DSR-1505E	E3	1.5	**58.7**	13.8	1	$763	**72.1**	49.6	**69.0**	35.1
Hefty	H16E4	E3	1.6	58.0	14.1	1	$753	63.0	44.7	62.8	**48.1**
Zinesto	Z1902E	E3	1.9	57.5	14.0	1	$747	67.4	37.4	56.5	**48.6**
Dak-Sota	DE5117	E3	1.7	56.5	14.1	1	$734	**71.0**	45.1	61.1	37.4
Stine	20EG02 U	E3	2.0	55.6	14.1	4	$722	65.7	39.6	62.4	38.6
Thunder	TX8215N	RXF	1.5	55.5	14.0	2	$721	**72.6**	47.3	58.5	35.4
Xitavo	XO 1761E	E3	1.7	55.5	14.0	2	$721	66.1	44.2	61.1	39.3
Thunder	TX8313N	RXF	1.3	55.2	13.9	1	$718	**70.9**	40.4	57.7	37.1
Thunder	TE7415N	E3	1.5	54.7	14.0	1	$712	67.3	45.8	49.7	**47.2**
Zinesto	Z2002E	E3	2.0	54.7	14.1	5	$711	55.1	**53.6**	**67.0**	42.0
Dyna-Gro	S14XF43	RXF	1.4	54.5	13.9	2	$709	**71.7**	49.0	62.0	29.9
Anderson	A203E3	E3	2.0	54.4	14.0	0	$707	62.0	46.7	**67.7**	33.4
Xitavo	XO 1822E	E3	1.8	54.2	14.0	11	$706	60.2	**54.3**	**65.2**	37.4
Dairyland	DSR-1788E	E3	1.7	53.9	14.3	4	$701	62.9	50.7	59.6	39.3
Golden Harvest	GH2004XF	RXF	2.0	53.5	14.0	2	$695	62.9	31.3	56.8	40.8
Dyna-Gro	S16EN42	E3	1.6	53.4	14.2	3	$694	59.6	47.1	**65.9**	34.7
Hefty	H18E3	E3	1.8	53.3	14.0	1	$693	61.2	41.4	50.0	**48.6**
Pioneer	P13T47E U	E3	1.3	53.2	13.8	1	$692	64.9	40.1	62.2	32.6
Asgrow	AG18XF1 U	RXF	1.8	53.2	14.1	2	$692	57.5	51.1	61.0	41.1
Xitavo	XO 1971E	E3	1.9	53.0	14.0	3	$688	57.4	39.9	64.5	37.0
Zinesto	Z1502E	E3	1.5	52.9	14.2	2	$687	54.8	39.0	**71.9**	31.9
Asgrow	AG16XF3 U	RXF	1.6	52.9	14.0	2	$687	58.6	37.0	60.5	39.5
Anderson	A151E3	E3	1.5	52.7	14.2	2	$685	60.9	36.4	62.7	34.5
Dak-Sota	DE5319	E3	1.9	52.5	14.1	2	$683	57.9	45.5	61.3	38.3
Golden Harvest	GH1323XF U	RXF	1.3	52.5	13.8	0	$682	64.6	43.2	58.0	34.8
Dyna-Gro	S20EN84	E3	2.0	52.3	14.1	2	$679	64.5	39.2	54.0	38.3
Pioneer	P18A73E U	E3	1.8	52.2	14.0	2	$679	60.5	36.2	53.9	42.3
Golden Harvest	GH1614E3 U	E3	1.6	52.2	14.0	1	$678	57.5	44.8	**66.2**	32.7
Zinesto	Z1802E	E3	1.8	51.7	14.3	6	$672	52.5	49.6	58.2	44.4
Averages =				52.5	14.0	2	$682	60.4	43.8	59.0	38.0
LSD (0.10) =				6.0	0.2	3.3		8.7	9.5	5.8	6.7

#Canby—results rejected, not included in summary.

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

ALL-SEASON TEST | MATURITY GROUP 0.8–1.7 | Top 30 of 36 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Glencoe	Hector	Lafayette	Lafayette West#
Stine	17EE32 U	E3	1.7	**63.4**	12.6	0	$808	55.8	**65.3**	**69.1**	**57.1**
Virtue	V1821 U	CONV	1.8	**61.6**	12.5	0	$939	56.6	**59.4**	**68.7**	34.9
Viking | Blue River	1718N	CONV	1.7	**61.5**	12.4	0	$938	**64.2**	**53.5**	**66.9**	34.8
Golden Harvest	GH1323XF U	RXF	1.3	**60.3**	12.4	0	$769	**64.3**	47.5	**69.2**	43.6
Asgrow	AG16XF3 U	RXF	1.6	**59.7**	12.2	0	$761	**58.1**	**56.7**	**64.4**	37.3
Viking | Blue River	1223N	CONV	1.2	**57.8**	12.1	0	$883	57.1	**57.7**	58.8	28.4
Golden Harvest	GH0933E3 U	E3	0.9	56.6	12.4	0	$722	53.5	**54.9**	61.4	32.4
Viking | Blue River	0821N	CONV	0.8	56.1	12.4	1	$856	**58.9**	48.6	61.0	21.0
Pioneer	P18A82 U	CONV	18.0	55.9	12.4	0	$853	56.0	**54.0**	57.8	46.1
Stine	10EF23 U	E3	1.0	55.9	12.3	0	$713	49.1	**57.6**	61.0	36.6
Stine	14EG32 U	E3	1.4	55.8	12.3	0	$712	51.9	**57.0**	58.7	35.4
Asgrow	AG15XF2 U	RXF	1.5	54.9	12.4	0	$701	52.5	**60.0**	52.4	40.6
Stine	08EG62 U	E3	0.8	54.0	12.0	0	$688	54.0	**51.4**	56.6	26.7
Sevita	BARTON	CONV	1.4	53.6	12.3	2	$817	51.4	49.1	60.3	41.5
Grain Millers	GSP 1.5 EXP	CONV	1.5	50.0	12.2	0	$763	56.7	34.5	58.9	41.0
Grain Millers	GSP 17	CONV	1.7	49.6	12.4	0	$756	55.6	49.8	43.5	32.9
Sevita	ALINOVA	CONV	1.5	49.5	12.1	0	$754	55.9	42.3	50.2	39.1
Pioneer	P11A50 U	CONV	1.1	49.4	12.1	0	$754	55.1	37.6	55.6	42.6
Sevita	FINCH	CONV	0.9	48.8	12.4	0	$745	46.2	40.1	60.3	37.4
Pioneer	P15A20 U	CONV	1.5	48.7	12.5	0	$742	53.4	49.5	43.1	**49.1**
Viking | Blue River	1700N	CONV	1.7	48.1	12.0	0	$734	54.1	38.1	52.1	33.6
Sevita	SVX23T1S62	CONV	1.5	48.0	12.3	0	$731	49.7	43.1	51.1	**48.6**
DF Seeds	DF 123	CONV	1.2	47.1	12.4	0	$719	46.6	45.1	49.8	34.0
SB & B Foods	SB700	CONV	0.7	46.9	12.4	2	$716	54.2	31.3	55.3	11.7
Brushvale	BS1512 U	CONV	1.4	46.3	12.5	2	$705	52.0	27.5	59.2	17.3
SB & B Foods	SB19	CONV	1.9	46.1	12.5	0	$702	53.9	43.9	40.4	29.0
Brushvale	BS1146 U	CONV	1.2	45.8	12.3	0	$698	51.8	34.1	51.5	33.9
SB & B Foods	SB49	CONV	0.4	45.4	12.2	1	$692	52.4	36.0	47.8	30.1
Sevita	SKYLINE	CONV	1.1	44.4	12.1	1	$678	51.9	35.6	45.9	23.9
MNCIA	M10-238-2036 (MN1510HO) GC	CONV	1.5	44.3	12.1	0	$676	48.8	39.0	45.2	23.5
Averages =				50.7	12.3	0	$734	52.8	44.9	54.4	34.5
LSD (0.10) =				6.3	0.3	1.3		5.3	5.8	9.3	11.7

#Lafayette West—results rejected, not included in summary.

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

ALL-SEASON TEST | MATURITY GROUP 1.5–2.2 | Top 30 of 45 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#
Golden Harvest	GH2292E3 GC	E3	2.2	**59.8**	12.3	0	$762	**73.7**	**48.7**	56.9	57.1
Stine	20EG02 U	E3	2.0	**59.5**	12.4	0	$758	**76.4**	**50.0**	52.0	52.1
Golden Harvest	GH2004XF U	RXF	2.0	**59.0**	12.5	0	$752	**75.2**	**45.9**	56.0	59.4
Pioneer	P19A37E U	E3	1.9	58.4	12.2	0	$744	70.5	**50.5**	54.1	**60.8**
Asgrow	AG18XF1 U	RXF	1.8	57.8	12.5	0	$737	**74.6**	40.0	**58.9**	55.2
Zinesto	Z2002E	E3	2.0	57.5	12.3	0	$733	69.5	**48.4**	54.5	57.5
Xitavo	XO 2282E	E3	2.2	56.7	12.0	0	$723	72.8	**45.6**	51.7	51.0
Dyna-Gro	S19XF62	RXF	1.9	56.7	13.0	0	$722	69.1	40.6	**60.3**	56.1
Genesis	G1760E	E3	1.7	56.3	12.4	0	$718	66.4	41.8	**60.6**	53.6
Hefty	H18E3	E3	1.8	56.2	12.0	0	$716	66.6	**49.2**	52.8	53.9
Xitavo	XO 1822E	E3	1.8	56.2	12.7	0	$716	**75.4**	41.4	51.7	54.2
Asgrow	AG19XF3 U	RXF	1.9	56.2	12.5	0	$716	68.8	**45.6**	54.1	58.9
Loyal	L2150E GC	E3	2.1	56.2	12.5	0	$715	69.9	**45.9**	52.7	53.4
Loyal	L1460E GC	E3	1.4	55.8	12.4	0	$711	67.7	**45.4**	54.2	46.6
Titan Pro	TP 18E22	E3	1.8	55.6	12.5	0	$709	65.9	**48.0**	53.0	55.0
Zinesto	Z2202E	E3	2.2	55.6	12.4	0	$709	**74.6**	42.0	50.2	53.0
Dairyland	DSR-1919E	E3	1.9	55.5	11.9	0	$708	61.2	**50.1**	55.4	57.8
Anderson	A1923XF	RXF	1.9	55.1	12.1	0	$702	73.5	40.5	51.3	53.8
Dyna-Gro	S16EN42	E3	1.6	54.8	12.4	0	$698	**75.2**	39.1	50.0	52.9
Dairyland	DSR-1788E	E3	1.7	54.1	12.5	0	$689	65.0	43.3	54.0	49.0
Xitavo	XO 1632E	E3	1.6	54.1	12.9	0	$689	70.3	37.3	54.6	53.7
Zinesto	Z1502E	E3	1.5	54.0	12.6	0	$688	69.8	32.1	**60.1**	50.6
Golden Harvest	GH1802E3 U	E3	1.8	53.8	12.2	0	$685	68.2	41.3	51.8	46.0
Dairyland	DSR-2188E	E3	2.1	53.8	12.4	0	$686	66.4	41.0	54.0	56.8
Pioneer	P19A66E U	E3	1.9	53.1	12.4	0	$677	65.8	37.9	55.7	54.5
Stine	19EG92 U	E3	1.9	53.0	12.6	0	$676	69.4	43.1	46.5	59.1
Genesis	G2180E	E3	2.1	53.0	12.3	0	$675	69.3	39.7	49.9	55.4
Zinesto	Z1802E	E3	1.8	52.9	11.8	0	$675	68.3	**47.6**	42.9	52.3
Xitavo	XO 1404E	E3	1.4	52.9	12.8	0	$674	62.9	39.5	56.3	54.6
Zinesto	Z2101E	E3	2.1	52.7	12.2	0	$671	67.5	39.1	51.4	57.3
Averages =				53.9	12.4	0	$687	68.3	41.0	52.3	54.0
LSD (0.10) =				4.7	0.3	ns		5.3	4.2	5.1	6.0

#Winthrop—results rejected, not included in summary.

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

ALL-SEASON TEST | MATURITY GROUP 1.5–2.2 | Top 30 of 45 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#
Golden Harvest	GH2292E3 GC	E3	2.2	**59.8**	12.3	0	$762	**73.7**	**48.7**	56.9	57.1
Stine	20EG02 U	E3	2.0	**59.5**	12.4	0	$758	**76.4**	**50.0**	52.0	52.1
Golden Harvest	GH2004XF U	RXF	2.0	**59.0**	12.5	0	$752	**75.2**	**45.9**	56.0	59.4
Pioneer	P19A37E U	E3	1.9	58.4	12.2	0	$744	70.5	**50.5**	54.1	**60.8**
Asgrow	AG18XF1 U	RXF	1.8	57.8	12.5	0	$737	**74.6**	40.0	**58.9**	55.2
Zinesto	Z2002E	E3	2.0	57.5	12.3	0	$733	69.5	**48.4**	54.5	57.5
Xitavo	XO 2282E	E3	2.2	56.7	12.0	0	$723	72.8	**45.6**	51.7	51.0
Dyna-Gro	S19XF62	RXF	1.9	56.7	13.0	0	$722	69.1	40.6	**60.3**	56.1
Genesis	G1760E	E3	1.7	56.3	12.4	0	$718	66.4	41.8	**60.6**	53.6
Hefty	H18E3	E3	1.8	56.2	12.0	0	$716	66.6	**49.2**	52.8	53.9
Xitavo	XO 1822E	E3	1.8	56.2	12.7	0	$716	**75.4**	41.4	51.7	54.2
Asgrow	AG19XF3 U	RXF	1.9	56.2	12.5	0	$716	68.8	**45.6**	54.1	58.9
Loyal	L2150E GC	E3	2.1	56.2	12.5	0	$715	69.9	**45.9**	52.7	53.4
Loyal	L1460E GC	E3	1.4	55.8	12.4	0	$711	67.7	**45.4**	54.2	46.6
Titan Pro	TP 18E22	E3	1.8	55.6	12.5	0	$709	65.9	**48.0**	53.0	55.0
Zinesto	Z2202E	E3	2.2	55.6	12.4	0	$709	**74.6**	42.0	50.2	53.0
Dairyland	DSR-1919E	E3	1.9	55.5	11.9	0	$708	61.2	**50.1**	55.4	57.8
Anderson	A1923XF	RXF	1.9	55.1	12.1	0	$702	73.5	40.5	51.3	53.8
Dyna-Gro	S16EN42	E3	1.6	54.8	12.4	0	$698	**75.2**	39.1	50.0	52.9
Dairyland	DSR-1788E	E3	1.7	54.1	12.5	0	$689	65.0	43.3	54.0	49.0
Xitavo	XO 1632E	E3	1.6	54.1	12.9	0	$689	70.3	37.3	54.6	53.7
Zinesto	Z1502E	E3	1.5	54.0	12.6	0	$688	69.8	32.1	**60.1**	50.6
Golden Harvest	GH1802E3 U	E3	1.8	53.8	12.2	0	$685	68.2	41.3	51.8	46.0
Dairyland	DSR-2188E	E3	2.1	53.8	12.4	0	$686	66.4	41.0	54.0	56.8
Pioneer	P19A66E U	E3	1.9	53.1	12.4	0	$677	65.8	37.9	55.7	54.5
Stine	19EG92 U	E3	1.9	53.0	12.6	0	$676	69.4	43.1	46.5	59.1
Genesis	G2180E	E3	2.1	53.0	12.3	0	$675	69.3	39.7	49.9	55.4
Zinesto	Z1802E	E3	1.8	52.9	11.8	0	$675	68.3	**47.6**	42.9	52.3
Xitavo	XO 1404E	E3	1.4	52.9	12.8	0	$674	62.9	39.5	56.3	54.6
Zinesto	Z2101E	E3	2.1	52.7	12.2	0	$671	67.5	39.1	51.4	57.3
Averages =				53.9	12.4	0	$687	68.3	41.0	52.3	54.0
LSD (0.10) =				4.7	0.3	ns		5.3	4.2	5.1	6.0

#Winthrop—results rejected, not included in summary.

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

ALL-SEASON TEST | MATURITY GROUP 1.4–2.3 | Top 30 of 36 tested — Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Austin	Lamberton	Madison Lake	Nerstrand
Virtue	C3015 (2122) U	CONV	2.1	**50.4**	10.9	0	$768	**25.0**	53.7	**70.4**	**52.3**
Asgrow	AG21XF2 U	RXF	2.1	**48.9**	10.9	0	$624	20.7	**56.4**	**78.5**	40.1
Sevita	SVX20T2S24	CONV	2.4	**48.5**	11.1	0	$739	19.6	54.1	**73.2**	**47.0**
Golden Harvest	GH2292E3 U	E3	2.2	**48.0**	10.9	0	$611	20.3	55.8	**68.7**	**47.0**
Viking | Blue River	2155N	CONV	2.1	**47.7**	10.9	1	$728	**21.3**	50.7	65.6	**53.3**
Viking | Blue River	IAS19C3	CONV	2.1	**47.6**	10.9	0	$726	**20.9**	**56.9**	64.6	**48.0**
Stine	20EG02 U	E3	2.0	**47.5**	11.1	0	$606	20.7	52.5	66.9	**50.0**
Pioneer	P19A37E U	E3	1.9	**47.1**	10.8	0	$600	**21.4**	53.1	**68.4**	**45.4**
DF Seeds	DF 174 N	CONV	1.7	46.7	11.1	0	$712	19.9	**58.3**	64.5	**44.1**
Brushvale	BS1940 U	CONV	1.9	46.6	10.9	0	$711	17.5	**58.7**	63.8	**46.6**
Viking | Blue River	1718N	CONV	1.7	46.6	11.1	0	$711	**21.2**	**57.5**	65.9	41.9
Asgrow	AG18XF1 U	RXF	1.8	46.2	10.8	0	$589	20.8	55.4	65.0	**43.5**
Stine	19EG92 U	E3	1.9	45.4	10.8	0	$579	16.1	54.5	**71.0**	40.1
Golden Harvest	GH1802E3 U	E3	1.8	45.4	10.8	0	$579	14.6	50.2	**68.4**	**48.6**
DF Seeds	DF 187 N	CONV	1.8	44.5	11.0	0	$678	20.0	48.5	63.6	**45.8**
Viking | Blue River	2022N	CONV	2.0	44.2	10.3	0	$673	15.1	**59.7**	65.3	36.5
Virtue	V1821 U	CONV	1.8	42.8	10.8	0	$653	19.3	51.8	62.6	37.5
Sevita	CANDOR	CONV	1.9	42.7	11.3	0	$652	18.2	49.6	66.5	36.7
Sevita	ROWAN	CONV	2.0	42.1	11.1	0	$642	17.4	43.9	**69.4**	37.9
Pioneer	P15A20 U	CONV	1.5	41.4	11.0	0	$632	20.5	54.0	58.0	33.3
Grain Millers	GSP 17	CONV	1.7	40.7	11.2	0	$620	19.1	45.5	64.4	33.7
Pioneer	P21A20 U	CONV	2.1	39.6	11.1	0	$603	18.0	46.6	54.7	38.9
Viking | Blue River	1700N	CONV	1.7	39.2	10.8	0	$598	**22.3**	52.6	59.3	22.6
DF Seeds	DF 193 F	CONV	1.9	38.7	11.0	1	$590	15.6	49.4	55.3	34.5
Brushvale	BS1512 U	CONV	1.4	38.3	11.2	0	$584	**21.1**	50.2	58.0	23.9
MNCIA	M07-297007HOLL-4	CONV	1.7	38.1	10.6	0	$582	16.5	46.2	56.1	33.7
Grain Millers	GSP 1.5 EXP	CONV	1.5	37.9	10.4	0	$578	13.9	53.3	53.7	30.6
MNCIA	M07-297007HOLL-1	CONV	1.9	37.8	10.8	0	$577	16.6	50.8	54.2	29.8
SB & B Foods	SB19	CONV	1.9	37.4	11.2	0	$571	14.2	41.8	56.9	36.9
Brushvale	BS1146 GC	CONV	1.2	37.3	11.3	0	$569	17.6	49.7	54.9	27.0
Averages =				42.6	10.9	0	$621	18.4	51.9	62.2	38.2
LSD (0.10) =				4.4	0.3	0.6		2.5	4.3	5.9	4.3

AGRI PARTNERS
Anderson Seeds Of St. Peter, MN
Apex
ASGROW
DF SEEDS
DAIRYLAND SEED
DAK-SOTA
DAKOTA'S BEST SEED
DYNAGRO SEED
ENESTVEDT SEED CO. 1900 ANNIVERSARY 2018 118th
EPLEYS
GOLD COUNTRY SEED
Genesis
GRAIN MILLERS
Golden Harvest
Hefty SEED COMPANY
HEINE HYBRID SEED CORN
INTEGRA FORTIFIED SEED
JACOBSEN
LEGACY Seeds
MUSTANG SEEDS
NuTech Seed
PRAIRIE HYBRIDS NON-GMO SEED CORN
ROB-SEE-CO CORN • SOYBEANS • ALFALFA
RENK • SEED
SB&B
SEVITA INTERNATIONAL
STINE
THUNDER SEED
Titan Pro
OUR SOY CHECKOFF™
VIKING
WYFFELS HYBRIDS
Xitavo™ Soybean Seed
ZINESTO

For the complete list of products, visit www.firstseedtests.com/archive/national-summary-reports/2023-program-guide/

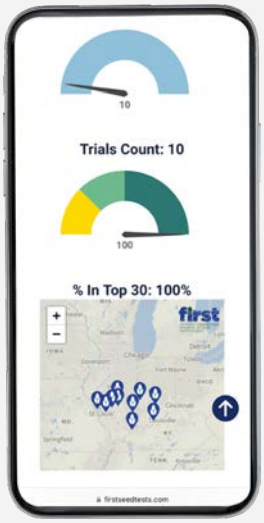
THANK YOU!

American farmers are the heart of Farmers' Independent Research of Seed Technologies (FIRST). Families and farms around the Midwest and Mid-Atlantic host and manage FIRST plots to provide actionable yield data to their fellow farmers and industry professionals. Thank you to all our host farmers!

FIRST is proud to serve the agricultural community each year by organizing corn, soybean, and corn silage trials in 15 states. Find out about more about methodology, results, and how to get involved with the trials at **www.firstseedtests.com.**

FIRST made some changes this year: come visit the updated website. On your mobile device, choose "Add to my Home Screen" to use it more like an "app".

DOWNLOAD



Find the yield results of interest to you on the interactive Reports and Products pages. See the complete trials results for each product tested by FIRST, including summary statistics and maps. Search for a specific seed product on our NEW site search feature.

SEARCH

www.firstseedtests.com

first

INDEPENDENT YIELD TRIALS
CORN • SOYBEANS • SILAGE

2023