

first TRIALS

INDEPENDENT CORN AND
SOYBEAN YIELD TESTING

North Iowa & Northeast Nebraska Edition



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North Iowa FIRST, Inc.
NENE, IANW, IANO, IANC Corn and Soybeans



2023 Performance Summary

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.

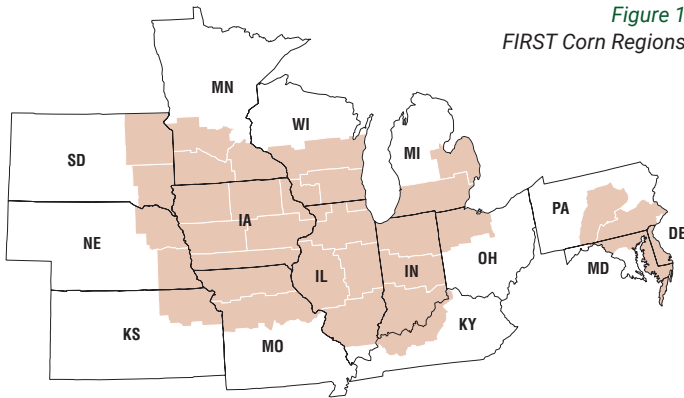


Figure 1
FIRST Corn Regions

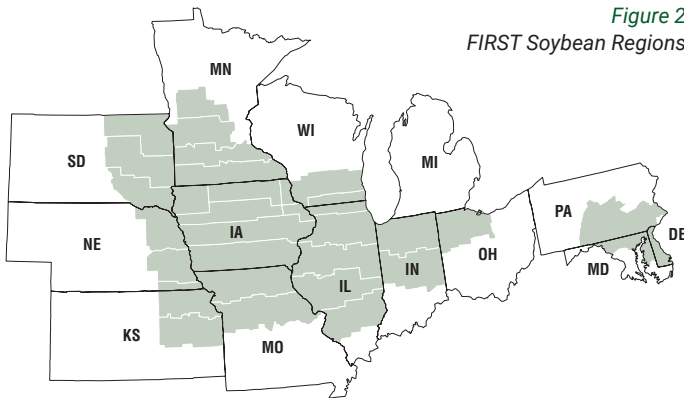


Figure 2
FIRST Soybean Regions

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.

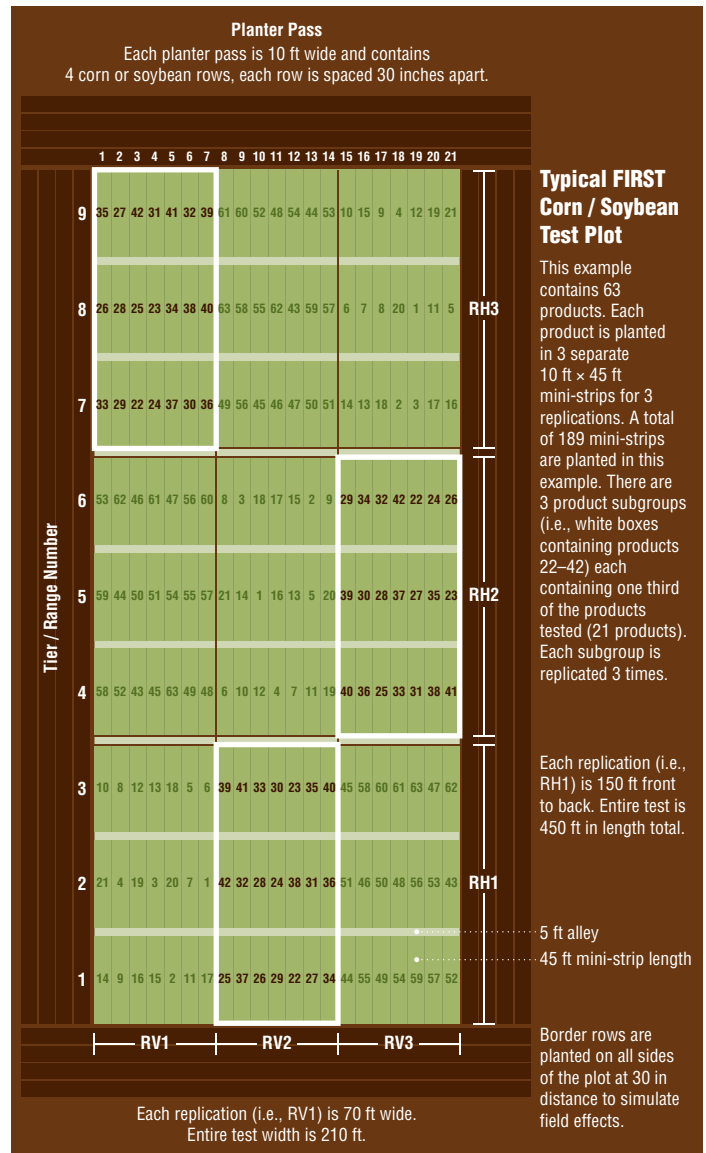
Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

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.

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	Ear Size	Oilend	Protein	Starch	Break
DAIRYLAND	DS-38100	QR.B	98	230.2	18.3	1	\$784	4	264.6	238.8	165.2	216.1	274.5
FEDERAL	4880 VT2PRB	VT2PB	98	229.4	17.4	1	\$784	4	261.3	228.1	180.0	245.8	231.8
HEFTY	H432VT2PRB	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	470R429	VT2PB	97	227.7	16.9	1	\$782	5	269.1	232.1	146.2	222.5	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	P9690 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	H4612VT2P	VT2PB	96	222.3	16.6	1	\$766	13	252.9	245.9	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)	Afrigen	Oregon	Pinnacle	Warrenton		
CRENZEN	CZ-2121 GTLL GC	LLGT27	2.1	68.8	11.1	6	\$619	72.8	61.8	73.9	66.8		
FS HISSOY	HS-2488B	RRX	2.2	67.6	10.8	7	\$599	68.1	70.5	61.1	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	T-20E499	E3	2.3	66.6	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		
CRENZEN	CZ-2040 GTLL GC	LLGT27	2.0	66.4	10.8	6	\$598	71.7	65.8	69.5	58.7		
GENESIS	G2350E	E3	2.5	66.4	11.1	8	\$598	70.2	62.9	68.9	63.7		
LATHAM	L-2549 RZX	RRX	2.5	66.1	10.8	7	\$595	70.6	64.9	67.3	61.5		
LATHAM	L-2295 RZX	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		
ASDROW	ASD2093 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.

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.

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
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.

Be the **first** to Get Yield Results



TRUSTED



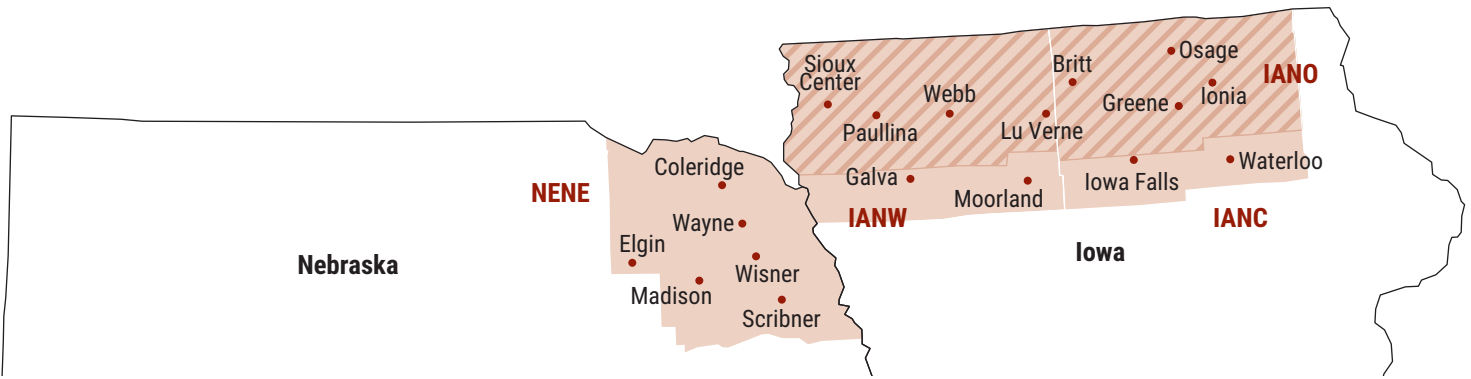
ACCESS



FAST

www.firstseedtests.com

CORN REGIONS: NENE, IANO, IANW, IANC



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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Coleridge	Austin Koch	silty clay loam	no-till	corn	158	May 4	Nov 2	26.3	138.9	—	—
Elgin	Ray Payne	loam	no-till	soybeans	218	May 11	Oct 24	29.9	263.6	265.9	1
Madison	Craig Knapp	silty clay loam	strip till	soybeans	217	May 3	Oct 17	30.4	264.2	175.7	4
Scribner	Sid & Ruth Ready	silty clay loam	no-till	soybeans	170	May 1	Oct 22	27.9	239.3	232.7	10
Wayne	Jared Anderson	silty clay loam	no-till	soybeans	185	Apr 27	Nov 1	26.1	177.0	200.2	11
Wisner	Alan Feller	silty clay loam	no-till	soybeans	246	May 2	Oct 30	26.1	135.6	226.5	9
								NENE	199.4	17	

Site Description: **IANO** (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
Britt	Donald Kirsch	loam	conventional	soybeans	178	May 4	Oct 19	34.4	247.0	227.4	8
Ionia	Shanon Maloy	clay loam	conventional	soybeans	191	May 03	Oct 18	34.4	212.7	—	—
Osage	Dale Hemann	silty clay loam	strip till	soybeans	221	May 3	Oct 17	35.4	200.0	209.9	10
Paullina	Mark Hibbing	silty clay loam	conventional	soybeans	170	May 10	Oct 20	32.9	147.8	191.1	19
Sioux Center	Chris Vander Brink	silty clay loam	minimum	soybeans	325	Apr 26	Oct 25	33.7	223.4	234.0	2
Webb	Jeff Charlstrom	silty clay loam	conventional	soybeans	202	May 5	Oct 21	34.5	250.4	—	—
								IANO	196.7	16	

Site Description: **IANW** (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
Galva	Tom Andresen	silty clay loam	conventional	soybeans	150	May 9	Oct 19	34.1	196.9	193.8	6
Lu Verne	Bob Plathe	clay loam	conventional	corn	200	May 9	Oct 18	33.6	157.8	193.3	20
Moorland	Jeff Loehr	clay loam	conventional	soybeans	202	May 1	Oct 3	34.7	242.2	206.2	11
Paullina	Mark Hibbing	silty clay loam	conventional	soybeans	170	May 10	Oct 20	32.6	150.7	191.1	19
Sioux Center	Chris Vander Brink	silty clay loam	minimum	soybeans	225	April 26	Oct 25	34.0	257.4	234.0	2
Webb	Jeff Charlstrom	silty clay loam	conventional	soybeans	202	May 5	Oct 21	34.4	271.1	—	—
								IANW	201.2	23	

Site Description: **IANC** (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
Britt	Donald Kirsch	loam	conventional	soybeans	178	May 4	Oct 19	34.5	245.4	227.4	8
Greene	Mike Ruby	loam	conventional	soybeans	160	May 2	Oct 3	34.1	169.6	198.5	23
Ionia	Shanon Maloy	clay loam	conventional	soybeans	191	May 3	Oct 18	34.7	226.2	—	—
Iowa Falls	Landon Aldinger	loam	conventional	corn	225	May 1	Oct 3	34.2	174.5	206.5	22
Osage	Dale Hemann	silty clay loam	strip till	soybeans	221	May 3	Oct 17	34.6	221.6	209.9	10
Waterloo	Rottinghaus Farms	loam	strip till	soybeans, rye cover crop	207	May 2	Oct 4	37.4	218.1	219.4	14
								IANC	199.5	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
NENE	203.0	207.5	258.5	235.4	237.3	199.4	17
IANO	213.5	227.6	225.4	210.9	217.6	196.7	16
IANW	213.4	212.5	243.8	192.5	231.9	201.2	23
IANC	208.9	247.8	243.1	221.0	218.1	199.5	23

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

EARLY-SEASON TEST 105-110 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	Coleridge ¹	Elgin	Madison	Scribner	Wayne	Wisner	
Hoegemeyer	8052Q	QR	110	213.0	17.5	5	\$957	1	160.5	275.3	263.5	249.1	185.4	144.4	
Heine	7910	VT2P	109	212.5	17.7	7	\$954	2	145.3	272.5	275.5	244.7	181.3	155.7	
Four Star	EXP 2303	VT2P	110	211.5	18.1	8	\$948	3	155.1	270.6	264.5	252.3	180.0	146.2	
Integra	6061 STXRIB	STX	110	211.3	18.3	4	\$943	6	145.9	272.5	269.8	244.2	202.6	132.8	
Rob-See-Co	RC5929-VT2P	VT2P	109	209.3	17.6	6	\$941	7	145.1	271.7	265.5	241.7	196.0	135.6	
AgriGold	A640-12STX GC	STX	110	208.9	18.1	3	\$934	11	145.5	268.3	277.4	244.6	187.1	130.4	
Integra	5802 VT2PRIB	VT2P	108	208.4	16.3	9	\$946	4	130.3	280.4	284.1	242.4	173.8	139.3	
Hoegemeyer	7917Q	QR	109	206.9	17.0	10	\$934	10	151.6	273.4	258.1	250.1	161.9	146.6	
Hefty	H6042 RIB	VT2P	110	206.7	18.5	5	\$921	15	150.5	271.9	264.9	228.3	185.5	139.1	
Renk	RK773TRE	TRE	109	206.4	17.0	7	\$933	12	145.8	272.5	263.9	232.9	184.2	139.2	
Hefty	H5674	STXP	106	205.3	16.0	2	\$935	9	143.5	260.6	274.2	209.9	191.5	152.1	
Pioneer	P0953AM GC	AM	109	205.0	17.4	7	\$923	13	129.3	276.4	274.1	246.9	174.1	129.0	
Renk	RK707TRE	TRE	105	204.8	15.3	9	\$937	8	148.5	261.6	260.4	238.9	180.2	139.2	
Hoegemeyer	7858AM	AM	108	204.5	17.3	4	\$921	14	138.3	266.5	267.2	231.3	183.1	140.3	
Heine	8185STX	STX	110	204.2	18.6	6	\$909	23	135.7	273.0	259.8	231.6	190.9	134.0	
Hefty	H5952	VT2P	109	203.4	17.4	6	\$916	18	132.3	260.6	265.2	230.4	180.2	151.9	
Rob-See-Co	RC5836-VT2P	VT2P	108	203.1	16.9	6	\$919	17	155.9	260.7	258.6	244.0	169.7	130.0	
Heine	7980	PCE	109	202.5	17.2	13	\$913	21	140.2	271.0	263.2	245.6	170.4	124.3	
Rob-See-Co	RC5694-VT2P	VT2P	106	202.4	16.3	5	\$920	16	129.3	262.2	253.8	242.7	180.7	145.7	
Heine	7975	VT2P	109	202.4	17.0	5	\$914	20	124.5	258.7	263.0	251.0	172.0	145.0	
Four Star	6D59	VT2P	110	202.0	18.3	8	\$902	25	121.6	260.4	266.7	238.9	176.8	147.8	
Rob-See-Co	RC5704-SSP	STXP	107	201.5	16.4	7	\$915	19	151.8	255.2	249.1	246.2	169.5	137.1	
Hefty	H5862	VT2P	108	200.3	17.8	8	\$899	26	134.6	273.8	263.7	226.0	175.9	128.0	
Heine	8010VT2P	VT2P	110	200.0	17.9	7	\$895	27	126.9	260.4	272.3	242.6	163.7	134.0	
Renk	RK720TRE	TRE	106	199.4	15.6	9	\$910	22	125.5	256.8	269.4	238.5	160.8	145.5	
Pioneer	P0622Q GC	QR	106	199.1	16.5	2	\$904	24	151.0	247.2	247.8	232.3	177.9	138.6	
Golden Harvest	G10B61-AA	AA	110	198.1	17.6	10	\$890	29	138.4	257.1	261.2	236.2	154.8	140.9	
Renk	RK766SSPRO	STXP	109	197.3	16.9	2	\$892	28	157.1	263.5	273.6	227.5	172.3	89.8	
Renk	RK703PWE	PCE	106	195.8	17.1	3	\$884	30	131.6	249.6	253.7	243.2	167.3	129.2	
Hefty	H5655	TRE	106	192.6	15.2	8	\$881	31	129.7	248.1	252.2	245.6	156.5	123.4	
Pioneer	P1185AM CK	AM	111	209.9	17.4	4	\$944	5	129.2	283.2	273.7	240.9	180.8	151.6	
Averages =				202.6	17.2	7	\$913		138.3	263.8	263.3	238.7	175.1	136.3	
LSD (0.10) =				7.1	0.4	5.2			15.1	9.2	11.5	11.9	12.2	11.4	
FULL-SEASON TEST 111-115 Day CRM Top 30 of 48 tested										Results in BOLD are significantly above test average.					
Heine	8145	VT2P	111	222.5	18.3	8	\$993	1	153.5	276.4	277.9	259.3	196.7	171.0	
Hoegemeyer	8397Q	QR	113	220.5	18.4	1	\$984	2	191.4	274.0	270.7	237.1	192.1	157.8	
AgriGold	A641-85TRCRIB GC	TRE	111	213.9	18.3	9	\$955	3	163.1	268.6	276.0	255.0	165.6	155.2	
Rob-See-Co	RC6232-DGVT2P	VT2PDG	112	212.0	18.4	6	\$946	4	143.3	261.9	273.6	248.4	205.3	139.3	
Integra	6493 VT2PRIB	VT2P	114	211.1	19.3	9	\$934	9	152.1	263.4	279.6	240.2	180.5	150.8	
Rob-See-Co	RC6381-SSP	STXP	113	209.9	17.8	4	\$941	6	176.5	262.2	268.2	249.7	167.3	135.5	
Wyffels	W7876RIB	VT2P	114	208.9	18.6	6	\$930	11	133.4	265.2	281.1	247.1	176.7	149.7	
Hoegemeyer	8110AM	AM	111	208.6	17.7	5	\$937	7	138.5	254.5	262.4	251.1	180.0	164.9	
Renk	RK876VT2P	VT2P	113	208.3	18.5	9	\$928	12	159.0	273.8	250.6	245.2	172.2	148.9	
Pioneer	P1164AM GC	AM	111	208.3	17.6	1	\$936	8	130.6	252.5	261.0	240.5	201.9	163.1	
Rob-See-Co	RC6131-TRE	TRE	111	207.5	17.9	18	\$930	10	153.2	268.3	280.6	248.6	156.6	137.5	
DeKalb	DKC111-35RIB GC	VT2P	111	206.9	18.3	9	\$924	15	105.3	261.4	281.6	252.8	192.1	148.2	
Renk	RK958VT2P	VT2P	115	206.8	19.3	2	\$916	21	142.5	257.5	280.1	238.6	190.2	132.0	
Integra	6588 VT2PRIB	VT2P	115	206.6	20.5	3	\$904	26	126.7	248.6	280.9	223.4	198.0	161.9	
Four Star	6D77	TRE	115	206.4	18.9	8	\$917	19	140.1	269.6	274.1	251.3	177.6	125.6	
Rob-See-Co	RC6411-VT2P	VT2P	114	206.2	19.0	4	\$914	22	170.6	255.5	266.5	228.4	179.4	137.1	
Hoegemeyer	8454Q	QR	114	205.9	18.0	12	\$921	17	151.7	286.6	263.8	252.1	149.7	131.5	
Four Star	EXP 2304	VT2P	112	205.7	17.8	10	\$924	14	106.6	270.5	270.3	245.5	182.7	158.5	
Heine	8354	PCE	113	205.3	18.4	3	\$918	18	140.9	275.8	277.3	240.6	175.4	122.1	
Renk	RK895DGV2P	VT2PDG	113	205.1	18.3	6	\$916	20	136.4	267.0	263.1	250.0	179.0	135.1	
Hefty	H6252	VT2P	112	205.0	17.2	8	\$925	13	138.5	267.7	257.7	241.5	176.8	147.7	
Hoegemeyer	8125AM	AM	111	204.9	17.4	6	\$921	16	140.4	278.3	269.1	241.9	171.9	127.9	
ProHarvest	83P66 VT2P	VT2P	113	203.5	19.3	9	\$902	28	144.5	283.2	255.7	246.4	182.6	108.4	
DeKalb	DKC62-70RIB GC	VT2P	112	202.2	18.1	13	\$905	25	135.1	259.4	256.3	248.4	157.2	157.1	
NK Brand	NK1333-AA	AA	113	202.0	18.4	3	\$900	29	164.9	265.3	255.1	230.7	169.2	126.8	
DeKalb	DKC64-22RIB GC	VT2P	114	201.6	18.4	6	\$900	30	124.3	260.1	277.4	212.8	193.4	141.6	
ProHarvest	83P33 DGV2PRIB	VT2PDG	113	201.6	18.3	8	\$903	27	135.5	270.4	262.1	253.6	175.4	112.5	
Integra	6342 TRERIB	TRE	113	201.3	17.4	11	\$906	24	157.6	259.5	270.8	204.4	189.5	126.1	
Hefty	H6355	TRE	113	201.3	17.3	7	\$907	23	144.8	260.3	247.6	231.4	178.0	145.6	
Hefty	H6263	VT2PDG	112	201.3	18.4	9	\$900	31	129.2	264.9	266.1	240.3	190.3	116.8	
Pioneer	P1185AM CK	AM	111	210.4	17.7	14	\$944	5	140.3	279.7	262.5	245.6	182.2	152.1	
Averages =				203.4	18.5	7	\$907		139.3	263.4	264.8	240.1	178.0	135.2	
LSD (0.10) =				10.3	0.5	6.1			24.2	9.0	12.8	13.7	11.2	13.5	

¹2 replications full-season test

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

ULTRA EARLY-SEASON TEST 95-100 Day CRM | Top 30 of 54 tested

Results in **BOLD** are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Results in BOLD are significantly above test average.					
									Britt	Ionina	Osage	Paullina	Sioux Center	Webb
NuTech	59C1AM	AM	99	228.6	16.7	1	\$1,037	1	254.9	226.3	220.8	161.1	241.5	267.1
Wyffels	W1988	STX	98	227.0	16.9	1	\$1,029	3	268.5	236.4	201.1	157.2	241.3	257.3
NuTech	57B5AM	AM	97	226.4	16.2	1	\$1,029	2	258.0	218.4	225.2	158.0	239.8	259.3
Wyffels	W2446RIB	VT2P	100	225.8	16.6	1	\$1,025	4	256.9	240.6	195.8	153.9	247.4	260.4
NuTech	60A4AM	AM	100	224.4	16.9	1	\$1,017	5	263.2	212.7	217.9	150.1	242.1	260.6
NuTech	60A2Q	QR	100	223.7	16.8	1	\$1,014	6	274.5	220.4	201.5	167.2	230.3	248.1
Cornelius	C5922SSP	STXP	99	223.1	16.5	1	\$1,013	7	262.9	235.0	174.5	166.6	246.9	252.8
Pioneer	P9823Q GC	QR	98	222.9	16.3	1	\$1,013	8	255.0	232.5	185.8	172.9	231.1	260.2
Rob-See-Co	RC4937-SSP	STXP	99	221.8	16.4	1	\$1,008	9	246.8	219.8	194.2	175.6	232.0	262.7
Cornelius	C5972TRE	TRE	99	220.3	16.5	1	\$1,000	10	251.6	233.7	210.7	160.8	209.3	255.8
Renk	RK582SSTX	STX	98	220.0	16.3	1	\$1,000	11	250.6	210.7	215.9	139.3	238.3	265.1
FS InVision	FS 5035P	STXP	100	219.3	16.7	1	\$995	13	270.5	232.9	209.6	137.3	209.4	256.0
Pioneer	P0075Q GC	QR	100	219.1	17.0	1	\$993	15	250.8	212.4	207.5	144.7	243.0	256.3
FS InVision	FS 4927T RIB	TRE	99	219.1	16.5	1	\$995	14	263.9	207.1	195.6	154.8	228.8	264.2
DeKalb	DKC47-84RIB GC	STX	97	219.0	16.2	1	\$995	12	252.2	233.9	205.4	132.2	246.5	243.7
Renk	RK597SSPRO	STXP	99	218.3	16.4	1	\$992	16	249.8	222.2	187.1	168.0	237.6	245.2
Integra	4993 TRERIB	TRE	99	218.3	16.4	1	\$992	17	264.3	212.4	208.9	130.2	239.2	254.7
NuTech	56A8AM	AM	96	216.6	16.4	1	\$984	18	246.1	216.5	203.2	148.2	234.7	251.1
Viking Blue River	44-98	CONV	98	216.0	16.5	1	\$982	19	253.2	236.2	198.0	133.8	223.6	251.3
Golden Harvest	G00A97-AA	AA	100	215.9	17.1	1	\$977	25	239.4	208.6	215.2	149.0	237.3	245.8
Renk	RK600VT2P	VT2P	100	215.7	16.7	1	\$978	23	250.6	216.9	189.3	142.6	238.8	255.9
DenBesten	DB30-97	CONV	97	215.5	16.3	1	\$980	20	246.4	208.8	208.6	170.0	—	243.9
Renk	RK571PWE	PCE	96	215.5	16.4	1	\$979	21	243.8	234.5	207.4	154.5	204.9	248.0
Kruger	K0019DT	TRE	100	215.3	16.6	1	\$977	24	226.1	206.0	199.9	148.9	252.0	259.1
Wyffels	W1996RIB	VT2P	98	215.2	16.2	1	\$979	22	234.1	218.1	179.2	146.4	247.8	265.6
Golden Harvest	G97B68-DV	DV	97	215.0	17.0	1	\$973	27	257.9	211.6	207.4	135.4	223.0	254.4
Rob-See-Co	RC4779-PCE	PCE	97	214.9	16.4	1	\$976	26	244.1	215.9	219.8	149.2	210.1	250.2
Renk	RK579DGV2P	VT2PDG	99	214.1	16.8	1	\$971	29	252.7	218.3	202.1	142.8	222.2	246.7
Renk	RK590VT2P	VT2P	98	214.0	16.3	1	\$973	28	237.5	199.5	203.1	157.0	221.0	265.9
Integra	CXINT099TRE	TRE	99	213.0	16.6	1	\$967	30	245.7	215.0	192.9	142.9	228.1	253.2
Averages =				213.4	16.6	1	\$968		247.0	212.7	200.0	147.8	223.3	250.4
LSD (0.10) =				9.0	0.2	ns			10.8	17.1	11.0	18.4	14.9	9.0



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

EARLY-SEASON TEST 101-106 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	Galva*	Lu Verne	Moorland	Paullina†	Sioux Center	Webb
Dyna-Gro	D45SP33RIB	STXP	105	230.4	16.8	1	\$1,045	1	201.2	193.6	261.7	159.9	284.3	281.8
Hoegemeyer	7329AM	AM	103	229.3	16.8	1	\$1,039	2	216.5	201.8	252.7	174.3	256.8	273.9
Kruger	K0551DP	VT2P	105	228.1	16.6	1	\$1,034	3	214.9	193.3	251.0	138.6	285.9	284.8
DeKalb	DKC105-33RIB GC	STXP	105	227.9	17.1	1	\$1,031	4	206.3	196.3	239.3	172.0	275.9	277.7
FS InVision	FS 5335P RIB	STXP	103	224.6	16.8	1	\$1,019	5	212.7	190.3	253.4	135.5	272.0	283.5
Wyffels	W3576RIB	VT2P	103	224.2	16.5	2	\$1,019	6	196.8	165.9	247.3	172.0	273.3	290.1
Titan Pro	32-06 SSP	STXP	106	223.1	17.9	1	\$1,005	9	217.2	209.4	250.7	112.6	282.6	266.3
Wyffels	W3309	STXP	103	223.1	16.8	1	\$1,012	7	207.8	211.3	252.4	163.5	222.5	281.3
Kruger	K0377SS	STX	103	222.3	17.4	1	\$1,002	12	219.3	188.2	241.5	157.1	267.6	260.0
Prairie Hybrids	3051ORG	CONV	105	222.2	16.9	6	\$1,007	8	186.4	189.4	248.8	154.2	284.7	270.0
Hefty	H5674	STXP	106	221.9	17.3	1	\$1,002	13	191.4	184.9	249.1	145.3	278.0	282.4
Integra	5443 DGV2PRIB	VT2PDG	104	221.4	16.6	4	\$1,004	11	208.6	166.8	237.6	181.6	258.0	275.6
Renk	RK625DGV2P	VT2PDG	104	221.3	16.5	2	\$1,004	10	207.7	178.6	224.9	172.2	278.4	265.9
DeKalb	DKC101-33RIB GC	STXP	101	219.5	16.4	1	\$998	14	191.1	194.4	250.1	148.7	250.7	281.9
Dyna-Gro	D44DC73RIB	VT2PDG	104	219.3	16.3	3	\$997	15	212.9	175.1	246.1	146.0	256.0	279.7
Augusta	A1954 PCE	PCE	104	218.7	16.8	5	\$990	16	207.6	193.8	229.9	153.0	262.5	265.6
Renk	RK707TRE	TRE	105	217.9	16.8	2	\$988	17	202.7	164.0	248.8	153.6	269.3	269.4
FS InVision	FS 5525VDG RIB	VT2PDG	105	217.0	16.8	2	\$984	18	211.6	170.6	250.9	141.3	252.8	274.7
Wyffels	W4025RIB	TRE	105	216.9	16.8	1	\$984	19	198.7	177.5	237.5	160.9	266.2	261.0
DeKalb	DKC52-99RIB GC	TRE	102	215.1	16.2	1	\$978	20	192.6	167.3	235.6	160.9	260.6	273.8
Cornelius	C6472TRE	TRE	104	215.1	16.6	4	\$976	22	209.8	160.4	236.1	165.2	259.0	260.3
Viking Blue River	46-02	CONV	102	215.1	16.7	1	\$975	23	206.8	155.2	229.2	154.0	275.9	269.3
Miller Hybrids	RX03-47	CONV	103	214.9	16.5	1	\$976	21	203.3	159.3	245.7	155.9	254.1	271.3
Pioneer	P0339Q GC	QR	103	214.8	17.3	2	\$970	25	211.4	166.3	253.1	149.7	232.0	276.1
Prairie Hybrids	4470	CONV	106	214.0	17.1	2	\$968	27	182.7	179.8	252.9	133.5	268.9	265.9
Hefty	H5442	VT2P	104	213.8	16.4	3	\$971	24	198.6	182.9	230.2	154.7	248.6	267.9
Viking Blue River	84-05	CONV	105	213.6	16.7	4	\$969	26	185.6	192.3	214.0	163.2	265.2	261.5
Kruger	K0475SP	STXP	104	213.1	16.9	1	\$966	28	194.7	185.6	235.8	134.6	253.1	274.8
Cornelius	C6384TRE	TRE	103	212.5	16.6	2	\$965	29	202.0	170.0	227.5	160.5	261.5	253.8
Titan Pro	34-04 DG2P	VT2PDG	104	212.3	16.2	6	\$965	30	208.5	173.2	238.3	162.5	252.2	239.0
Pioneer	P0622Q CK	QR	106	204.7	18.0	1	\$919	54	188.1	146.5	234.2	146.2	246.6	266.7
Averages =				212.6	17.0	2	\$962		197.0	172.8	237.9	145.5	256.0	266.2
LSD (0.10) =				9.9	0.4	2.3			15.8	15.7	9.9	22.8	17.3	9.8

FULL-SEASON TEST 107-111 Day CRM | Top 30 of 54 tested **Results in BOLD are significantly above test average.**

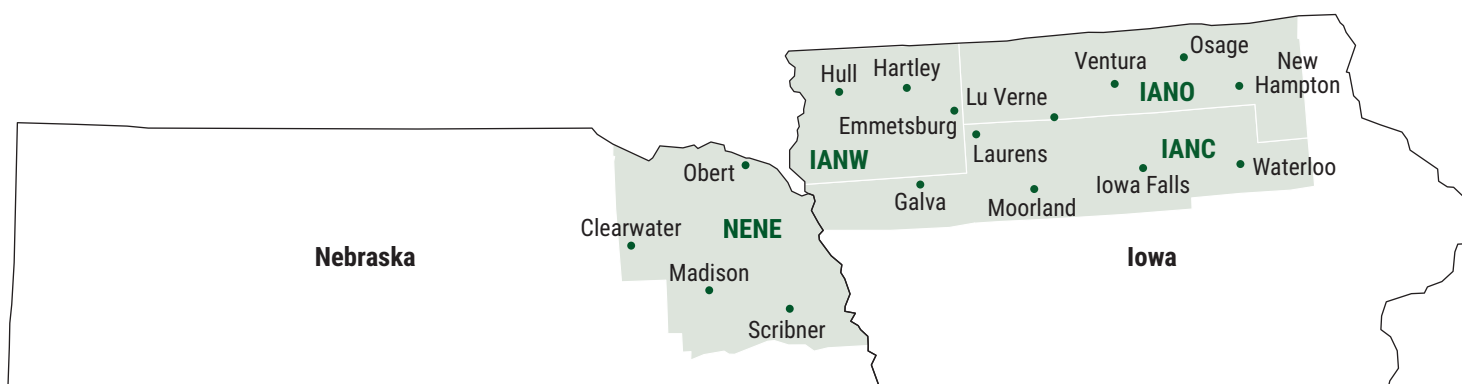
Integra	6061 STXRIB	STX	110	234.2	19.5	1	\$1,036	1	213.3	167.4	250.1	204.4	279.1	270.3
FS InVision	FS 5935X RIB	STX	109	231.8	19.6	3	\$1,027	2	190.5	188.9	254.5	154.9	275.1	285.6
Miller Hybrids	M10-74	CONV	110	231.0	20.4	9	\$1,014	5	178.4	172.0	250.6	192.3	268.9	271.5
Renk	RK766SSPRO	STXP	109	229.1	18.6	1	\$1,025	3	178.3	172.2	242.2	157.1	288.7	285.2
Cornelius	C7021DP	VT2P	110	229.1	19.3	5	\$1,016	4	202.2	153.5	245.1	188.9	265.1	292.6
FS InVision	FS 6025X RIB	STX	110	227.7	20.2	5	\$1,003	9	205.4	166.4	242.3	172.6	266.7	290.3
Integra	5704 SSPRO	STXP	107	226.3	19.0	1	\$1,009	7	198.9	157.9	245.0	176.0	288.6	263.7
Hefty	H6064	STX	110	225.8	19.9	2	\$997	13	194.5	162.7	247.1	183.0	263.0	273.2
Renk	RK773TRE	TRE	109	225.6	18.3	2	\$1,012	6	192.9	158.2	245.1	157.4	281.9	285.6
Kruger	K1139SS	STX	111	225.5	19.1	1	\$1,002	10	177.1	164.6	249.0	175.0	266.7	272.0
DeKalb	DKC107-33RIB GC	STXP	107	225.4	18.5	1	\$1,008	8	215.7	135.2	274.8	167.2	276.4	273.4
Hoegemeyer	8110AM	AM	111	225.3	19.6	8	\$999	11	180.1	167.0	248.5	157.5	264.1	289.6
DeKalb	DKC110-10RIB GC	STX	110	223.5	19.3	1	\$993	14	196.7	114.7	264.9	172.7	270.9	294.2
FS InVision	FS 6133VDG RIB	VT2PDG	111	223.5	19.4	14	\$992	15	210.2	123.8	252.7	191.6	274.1	275.2
Pioneer	P1185AM GC	AM	111	223.1	19.3	2	\$990	17	175.6	144.8	247.0	154.3	269.3	300.0
Wyffels	W5019	STXP	107	223.0	18.3	1	\$999	12	182.2	151.4	253.6	188.1	251.1	270.7
Hefty	H5862	VT2P	108	221.8	19.5	12	\$983	18	220.2	152.5	254.0	156.8	265.7	280.1
Wyffels	W5406	VT2P	108	221.4	19.4	5	\$980	22	210.6	133.5	245.5	179.3	270.0	278.7
Hefty	H6042 RIB	VT2P	110	221.0	19.3	5	\$981	21	185.2	151.4	243.2	169.1	277.0	264.5
Integra	5802 VT2PRIB	VT2P	108	220.9	18.2	4	\$991	16	194.0	120.5	263.3	161.6	270.0	289.0
Wyffels	W6886	VT2P	111	220.4	19.7	2	\$974	26	181.0	157.5	244.1	178.6	254.8	267.0
DeKalb	DKC108-64RIB GC	STXP	108	219.0	18.3	2	\$982	19	179.1	156.6	248.5	146.3	275.2	268.7
DeKalb	DKC59-82RIB GC	VT2P	109	218.8	18.7	5	\$978	23	196.3	113.1	257.8	170.1	267.8	285.4
Cornelius	C7048SSP	STXP	110	218.8	18.7	2	\$978	24	192.3	167.2	239.1	141.0	270.3	276.2
Kruger	K0783DP	VT2P	107	218.7	18.0	6	\$981	20	176.4	136.8	251.6	169.3	253.6	282.1
Prairie Hybrids	5851	CONV	109	218.4	18.7	5	\$975	25	196.0	174.9	245.5	145.4	267.6	258.5
Wyffels	W6215	TRE	109	217.5	18.4	6	\$974	27	197.7	140.7	245.9	163.9	250.4	286.8
Kruger	K0915DD	VT2PDG	109	216.8	18.2	8	\$972	28	189.1	105.6	264.1	156.3	264.7	293.6
Kruger	K0957SP	STXP	109	216.3	18.6	3	\$967	29	188.6	154.3	248.0	150.9	249.6	278.7
Pioneer	P0953AM GC	AM	109	215.6	18.0	9	\$967	30	175.1	135.8	242.1	160.4	268.8	271.1
Pioneer	P0622Q CK	QR	106	209.0	17.9	4	\$940	38	155.1	148.3	234.3	151.3	244.8	266.5
Averages =				215.9	18.9	6	\$962		188.8	141.2	247.2	156.4	258.7	276.6
LSD (0.10) =				12.8	0.6	7.2			24.1	23.2	10.5	22.8	16.9	10.6

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

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

EARLY-SEASON TEST 101-106 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		Britt	Greene	Ionia	Iowa Falls	Osage	Waterloo
NuTech	63A5AM	AM	103	220.8	17.6	7	\$992	1		250.7	168.4	233.4	204.1	246.8	221.3
FS InVision	FS 5335P RIB	STXP	103	215.3	16.8	2	\$974	2		258.4	166.7	210.8	212.1	227.5	216.4
Rob-See-Co	RC5188-SSP	STXP	101	213.4	16.5	2	\$968	3		244.7	169.1	233.0	193.3	231.6	208.4
NuTech	66C2Q	QR	106	210.5	18.0	5	\$943	8		251.9	169.5	214.5	182.9	241.3	202.8
Kruger	K0551DP	VT2P	105	210.4	16.7	4	\$954	4		243.3	163.4	237.7	190.1	220.2	208.0
Augusta	A1954 PCE	PCE	104	210.0	17.3	6	\$947	5		260.3	170.6	216.4	160.9	230.7	220.7
Viking Blue River	84-05	CONV	105	208.9	16.9	7	\$945	6		255.2	154.1	217.2	188.2	228.0	210.5
Titan Pro	24-05 PCE	PCE	105	208.8	17.3	8	\$941	9		252.3	152.3	232.9	192.7	227.2	195.4
Kruger	K0475SP	STXP	104	208.8	16.9	4	\$944	7		250.3	160.7	220.1	182.8	237.7	201.0
Rob-See-Co	RC5610-PCE	PCE	106	207.9	17.3	6	\$937	10		239.3	161.9	251.9	161.4	208.9	224.3
Cornelius	C6578PC	PCE	105	207.1	17.4	8	\$933	12		226.8	169.8	215.6	182.7	230.9	217.1
Prairie Hybrids	4470	CONV	106	206.8	17.5	5	\$931	14		243.2	161.7	238.1	159.8	236.2	201.5
Wyffels	W3309	STXP	103	206.5	17.2	6	\$931	15		257.9	149.2	251.8	131.5	249.9	198.5
Kruger	K0377SS	STX	103	206.4	17.1	6	\$932	13		245.0	164.7	237.0	168.0	218.5	205.2
NuTech	65D3Q	QR	105	206.3	17.9	4	\$925	23		244.3	165.0	206.0	180.7	231.9	210.0
Augusta	A2154	CONV	104	206.0	17.0	6	\$931	16		237.7	169.1	215.7	183.8	231.4	198.2
NuTech	66D1AM	AM	106	205.7	17.3	5	\$927	19		243.8	155.9	204.6	179.4	237.6	213.0
FS InVision	FS 5594X RIB	STX	105	205.6	17.4	2	\$926	20		252.9	177.5	219.8	152.8	222.6	208.2
Titan Pro	32-06 SSP	STXP	106	205.5	17.4	3	\$925	21		237.5	158.3	220.8	183.3	232.2	200.8
Viking Blue River	72-06	CONV	106	205.5	17.2	5	\$927	18		247.0	152.8	232.9	161.6	238.1	200.6
Cornelius	C6472TRE	TRE	104	205.0	16.7	4	\$929	17		250.1	159.6	212.0	161.8	227.3	218.9
Kruger	K0151SP	STXP	101	204.9	17.1	2	\$925	22		246.4	158.5	221.0	185.9	214.5	203.0
Anderson	472SRC	STX	106	204.3	17.4	9	\$920	24		262.8	164.5	227.3	145.4	226.9	198.8
Pioneer	P0339Q GC	QR	103	203.8	17.3	4	\$919	25		251.2	162.2	222.4	183.6	196.1	207.3
FS InVision	FS 5525VDG RIB	VT2PDG	105	203.6	17.2	4	\$919	27		230.0	163.4	212.7	202.5	211.7	201.4
Wyffels	W2629	STXP	101	203.1	16.8	2	\$919	26		253.2	158.1	197.4	190.0	210.3	209.7
Prairie Hybrids	3051ORG	CONV	105	202.5	17.5	4	\$911	30		233.2	175.6	208.7	168.7	221.7	207.4
Rob-See-Co	RC5422-PCE	PCE	104	202.4	17.3	8	\$912	28		231.6	161.0	202.6	159.3	235.7	224.1
NuTech	64B5Q	QR	104	202.4	17.5	5	\$911	31		235.1	157.3	207.5	159.8	236.1	218.6
Epley	E1530	CONV	105	201.3	16.7	4	\$912	29		261.1	167.8	205.7	157.7	212.4	203.3
Pioneer	P0622Q CK	QR	106	209.5	18.4	3	\$935	11		243.9	166.8	214.3	180.5	229.2	222.2
Averages =				201.0	17.1	5	\$907			241.0	160.0	218.9	162.3	219.5	204.2
LSD (0.10) =				9.9	0.5	4.3				13.4	8.0	14.2	23.8	13.5	7.5
FULL-SEASON TEST 107-111 Day CRM Top 30 of 54 tested										Results in BOLD are significantly above test average.					
NuTech	70F6Q	QR	110	236.4	20.0	4	\$1,040	1		256.4	199.1	239.7	200.0	253.2	270.0
NuTech	70B4AM	AM	110	234.1	19.8	9	\$1,032	3		280.3	204.8	231.2	197.5	237.0	253.8
Pioneer	P1185AM GC	AM	111	233.8	20.6	4	\$1,022	6		256.1	179.7	235.3	211.5	238.5	281.7
Hefty	H6064	STX	110	233.2	21.3	7	\$1,013	8		251.4	195.6	256.2	195.6	253.0	247.7
Kruger	K1139SS	STX	111	232.8	19.8	6	\$1,025	5		256.6	183.2	280.7	224.2	216.5	235.4
NuTech	68C1Q	QR	108	231.8	18.8	6	\$1,031	4		260.7	165.8	247.5	214.0	271.6	231.2
Rob-See-Co	RC6131-SS	STX	111	231.7	20.4	5	\$1,016	7		246.8	200.2	254.7	203.4	247.3	237.7
Wyffels	W5019	STXP	107	231.2	17.8	1	\$1,038	2		269.2	172.7	234.0	232.2	244.9	234.2
FS InVision	FS 5935X RIB	STX	109	229.8	19.9	7	\$1,012	9		255.1	188.1	228.3	220.2	249.0	238.2
Pioneer	P0953AM GC	AM	109	226.8	19.1	10	\$1,007	10		269.7	191.1	232.9	176.7	239.7	250.9
ProHarvest	79P87 SSRIB	STX	109	225.5	19.2	3	\$1,000	12		233.2	170.6	257.3	225.1	244.2	222.9
Renk	RK811PWE	PCE	111	224.6	20.3	7	\$985	18		254.7	194.1	213.7	198.0	253.1	234.0
Titan Pro	31-10 PCE	PCE	110	224.1	20.6	6	\$982	23		259.6	171.2	243.9	196.4	237.6	235.9
Kruger	K0783DP	VT2P	107	224.0	18.1	6	\$1,002	11		259.0	184.3	242.4	192.0	223.8	242.2
Integra	6061 STXRIB	STX	110	223.9	19.8	4	\$988	16		248.5	190.6	229.3	217.2	231.0	226.8
Pioneer	P1164AM GC	AM	111	223.9	20.4	3	\$982	22		263.4	174.2	239.7	212.8	232.2	220.9
Renk	RK766SSPRO	STXP	109	223.1	18.8	1	\$993	14		262.1	168.9	235.8	225.1	227.9	218.9
Cornelius	C6847TRE	TRE	108	223.0	18.6	5	\$994	13		249.0	179.6	250.7	205.7	217.5	235.8
Renk	RK773TRE	TRE	109	222.3	19.2	4	\$985	19		249.6	188.3	230.6	190.3	225.7	249.6
ProHarvest	81P88 TRERIB	TRE	111	222.3	19.3	4	\$984	20		246.9	181.0	248.9	216.9	207.8	232.2
Cornelius	C7021DP	VT2P	110	222.2	19.2	3	\$986	17		274.5	191.7	221.9	194.1	216.6	234.5
NuTech	68A9AM	AM	108	221.7	18.6	4	\$989	15		270.6	187.4	265.1	152.8	230.8	223.6
Kruger	K0957SP	STXP	109	221.6	19.0	4	\$983	21		239.0	169.8	248.2	212.2	232.6	227.9
FS InVision	FS 6133VDG RIB	VT2PDG	111	220.9	19.1	6	\$980	24		243.0	210.4	230.4	198.8	209.8	233.0
Wyffels	W6886	VT2P	111	220.7	19.9	7	\$971	28		237.1	199.3	250.9	183.4	204.7	248.7
Wyffels	W5406	VT2P	108	219.9	19.0	2	\$976	27		246.1	180.3	245.8	195.7	212.1	239.6
Kruger	K1191DT	TRE	111	219.8	18.8	1	\$978	25		241.8	179.9	225.1	221.7	214.4	235.9
Rob-See-Co	RC5704-SSP	STXP	107	218.7	18.3	3	\$977	26		251.5	182.5	228.8	212.5	223.0	213.6
FS InVision	FS 6017V RIB	VT2P	110	216.0	18.0	1	\$967	29		248.7	175.1	217.9	204.2	223.2	226.7
Integra	CXINT108VT	VT2P	108	215.3	17.9	8	\$965	30		250.8	182.6	248.9	169.4	218.5	221.7
Pioneer	P0622Q CK	QR	106	209.8	18.5	2	\$936	40		244.7	170.0	211.8	178.2	226.8	227.6
Averages =				218.4	19.4	5	\$966			250.4	180.3	234.3	188.1	223.9	233.5
LSD (0.10) =				11.6	0.7	5.1				13.1	11.3	16.9	25.5	14.3	10.7

SOYBEAN REGIONS: NENE, IANO, IANW, IANC



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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Clearwater	Nick Hoffman	sand	conventional	corn	–	May 9	Oct 21	134.1	63.1	–	–
Madison	Craig Knapp	silty clay loam	strip till	corn	–	May 16	Oct 9	133.2	64.8	61.7	2
Obert	Garrett Hingst	silty clay loam	no-till	corn	–	May 17	Oct 20	damage	damage	64.8	1
Scribner	Sid & Ruth Ready	silty clay loam	no-till	corn	–	May 19	Oct 10	132.0	58.6	59.7	12
									NENE	59.8	12

Site Description: IANO (See soybean results table on page 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
Lu Verne	Bob Plathe	silty clay loam	conventional	corn	–	May 11	Oct 10	122.6	60.3	62.4	6
New Hampton	Matt Bruening	silt loam	no-till	corn	–	May 17	Oct 9	126.4	55.3	56.3	21
Osage	Dale Hemann	silty clay loam	no-till	corn	–	May 23	Oct 5	125.1	48.9	58.0	12
Ventura	Brent Renner	clay loam	no-till	corn	–	May 22	Oct 11	126.5	63.4	68.5	1
									IANO	56.9	21

Site Description: IANW (See soybean results table on page 13)

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
Emmetsburg	Jeff Charlstrom	clay loam	conventional	corn	–	May 26	Oct 9	126.6	67.2	57.5	15
Hartley	Clint Van Beek	silty clay loam	no-till	corn	–	May 22	Oct 7	128.1	65.1	57.0	12
Hull	Evan Wielenga	silty clay loam	conventional	corn	–	May 8	Oct 6	129.6	67.7	53.8	3
Laurens	Dale Roewe	clay loam	conventional	corn	–	May 23	Oct 7	126.6	69.2	60.6	11
									IANW	60.0	11

Site Description: IANC (See soybean results table on page 14)

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
Galva	Tom Andresen	silty clay loam	conventional	corn	–	May 16	Oct 7	drought	drought	60.5	19
Iowa Falls	Landon Aldinger	loam	conventional	corn	–	May 16	Oct 9	128.5	37.6	58.0	21
Moorland	Jeff Loehr	clay loam	conventional	corn	–	May 11	Oct 09	128.5	63.3	54.2	11
Waterloo	Rottinghaus Farms	loam	strip till	corn, rye cover crop	–	May 16	Oct 07	133.0	54.8	60.3	8
									IANC	55.1	21

SOYBEAN 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
NENE	62.3	64.9	66.8	59.3	65.4	59.8	12
IANO	56.9	65.6	64.7	61.0	59.1	56.9	21
IANW	67.1	57.7	69.8	61.7	59.0	60.0	11
IANC	54.7	64.8	65.6	58.9	58.2	55.1	21

Soybean Results: NENE (See site description on page 10)

ALL-SEASON TEST | MATURITY GROUP 2.4-3.3 | Top 30 of 43 tested Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Clearwater	Madison	Obert*	Scibner
Stine	28EG29 U	E3	2.8	69.0	12.2	13	\$869	73.8	65.6	66.2	67.5
Xitavo	XO 3014E	E3,ST	3.0	68.0	12.2	10	\$857	69.3	76.9	57.2	57.9
Xitavo	XO 2963E GC	E3	2.9	67.3	12.4	4	\$848	70.3	68.2	60.0	63.4
NK Brand	NK30-U4XF U	RXF	3.0	67.0	12.0	13	\$844	68.6	67.8	61.6	64.6
Hoegemeyer	3134 E	E3	3.1	66.6	11.8	3	\$839	69.5	68.9	63.9	61.4
Zinesto	Z2604E	E3	2.6	66.5	12.0	19	\$838	69.7	67.6	63.6	62.2
Xitavo	XO 2832E	E3	2.8	65.4	12.1	5	\$824	59.6	66.4	68.1	70.2
Asgrow	AG27XF3 U	RXF	2.7	65.3	12.1	14	\$823	71.6	69.9	56.9	54.5
Hoegemeyer	2604 E	E3	2.6	65.3	12.0	13	\$822	62.4	69.7	57.5	63.7
Pioneer	P26T57E U	E3	2.6	65.0	12.0	13	\$818	68.2	63.9	64.9	62.7
Dyna-Gro	S31EN14	E3	3.1	64.9	12.3	11	\$818	70.4	70.0	65.8	54.3
Dyna-Gro	S25EN74	E3	2.5	64.9	11.9	11	\$818	66.2	65.4	63.2	63.1
NK Brand	NK33-W2E3S	E3,ST	3.3	64.5	12.8	7	\$812	71.9	69.0	62.6	52.5
Zinesto	Z2700E	E3	2.7	64.4	12.1	5	\$811	62.9	67.5	64.6	62.8
Hoegemeyer	2834 E	E3	2.8	63.7	12.0	13	\$803	66.4	66.2	64.1	58.6
Zinesto	Z3104E	E3	3.1	63.6	12.1	19	\$802	63.3	71.4	61.1	56.1
Dyna-Gro	S25XF64	RXF	2.5	63.5	12.0	5	\$800	64.0	65.8	64.0	60.7
Xitavo	XO 2613E	E3	2.6	63.4	12.1	7	\$799	63.1	67.2	60.2	59.9
Hoegemeyer	2724 E	E3	2.7	63.3	12.1	5	\$798	66.4	63.2	59.8	60.4
Stine	27EG22 U	E3	2.7	62.7	11.9	13	\$790	67.0	67.0	63.9	54.2
Pioneer	P29A19E U	E3	2.9	62.5	12.0	10	\$788	66.7	61.2	57.5	59.7
Zinesto	Z2504E	E3	2.5	62.5	12.2	11	\$787	60.9	62.9	65.7	63.6
Genesis	G2780E	E3	2.7	62.4	12.1	11	\$786	64.4	63.3	60.8	59.5
Xitavo	XO 3224E	E3	3.2	62.2	12.9	11	\$783	63.1	66.7	71.4	56.7
Hefty	H29XF3	RXF	2.9	61.2	11.7	4	\$771	57.3	67.8	53.8	58.4
Xitavo	XO 2501E	E3	2.5	60.9	12.0	17	\$767	58.5	63.1	59.7	61.0
Hefty	H27XF4	RXF	2.7	60.6	12.0	16	\$763	59.2	60.9	57.5	61.6
Genesis	G3171ES	E3,ST	3.1	60.4	12.3	14	\$762	66.8	59.2	61.4	55.3
Hefty	H30XF2	RXF	3.0	60.2	12.0	10	\$759	58.2	63.4	50.3	59.1
NK Brand	NK28-P6XF U	RXF	2.8	60.1	12.0	9	\$757	58.1	65.4	65.4	56.7
Averages =				62.2	12.1	10	\$783	63.1	64.8	61.3	58.6
LSD (0.10) =				4.6	0.4	9.4		6.4	3.5	8.4	3.6

* Obert: all-season test results rejected, yield variability due to herbicide damage



Soybean Results: IANO (See site description on page 10)

EARLY-SEASON TEST | MATURITY GROUP 1.6-2.0 | Top 30 of 41 tested Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Lu Verne	New Hampton	Osage	Ventura
FS HiSOY	HS 18F20	RXF	1.8	62.0	10.1	1	\$782	69.7	53.6	59.9	64.9
Golden Harvest	GH2004XF U	RXF	2.0	61.3	9.9	1	\$773	67.5	57.8	52.9	67.1
NuTech	20N05E	E3	2.0	61.2	10.3	1	\$771	67.5	57.3	53.5	66.6
Genesis	G1980E	E3	1.9	61.0	10.4	1	\$769	69.0	55.9	54.2	65.0
Zinesto	Z1702E	E3	1.7	60.2	10.1	1	\$758	61.2	58.2	54.0	67.4
P3 Genetics	2218E	E3	1.8	60.1	10.4	2	\$757	64.5	58.0	51.4	66.4
Apex	AE1930	E3	1.9	59.7	10.2	1	\$752	62.4	59.0	51.3	66.1
Asgrow	AG18XF1 U	RXF	1.8	59.6	10.1	1	\$751	67.0	50.8	52.3	68.3
FS HiSOY	HS 15E10	E3	1.5	59.6	10.3	1	\$751	66.2	58.1	50.2	63.8
Asgrow	AG19XF3 U	RXF	1.9	59.0	10.2	1	\$744	59.7	56.3	54.7	65.5
NuTech	16N04E	E3	1.6	58.9	10.0	1	\$743	66.7	55.6	51.0	62.4
Xitavo	XO 1632E	E3	1.6	58.6	10.3	1	\$739	54.5	60.5	51.7	67.8
P3 Genetics	2216E	E3	1.6	58.5	10.4	1	\$737	58.5	58.9	49.2	67.3
NuTech	18N03E	E3	1.8	57.8	10.3	1	\$729	65.1	55.2	45.6	65.3
Cornelius	CB18XF88	RXF	1.8	57.3	10.2	3	\$723	52.6	50.2	58.7	67.8
Genesis	G1760E	E3	1.7	57.3	10.4	1	\$722	59.1	53.6	51.2	65.4
Hefty	H18E3	E3	1.8	57.1	10.1	1	\$720	61.2	57.7	47.7	61.8
Xitavo	XO 1822E	E3	1.8	57.1	10.1	1	\$719	58.6	52.0	53.5	64.3
FS HiSOY	HS 18E30	E3	1.8	56.9	10.5	1	\$717	63.0	47.0	54.0	63.5
Kruger	K1804XF	RXF	1.8	56.7	10.3	1	\$715	52.0	50.3	57.7	66.9
Stine	19EG92 U	E3	1.9	56.6	10.6	1	\$714	57.5	52.1	53.0	64.0
Kruger	K1914XF	RXF	1.9	56.3	10.0	1	\$709	58.2	49.4	52.4	65.1
Stine	20EG02 U	E3	2.0	56.1	10.6	1	\$707	61.8	51.0	50.2	61.4
Xitavo	XO 1971E	E3	1.9	56.0	10.2	1	\$706	56.6	55.1	51.5	60.9
Pioneer	P19A66E U	E3	1.9	55.9	10.0	1	\$705	54.9	58.3	48.5	61.9
Jacobsen	J1873E3	E3	1.8	55.7	10.2	1	\$703	57.8	52.5	52.6	60.1
Titan Pro	TP 18E22 GC	E3	1.8	55.6	10.1	1	\$701	59.7	53.3	51.0	58.4
Golden Harvest	GH1973E3S U	E3,ST	1.9	55.6	10.3	1	\$701	63.2	49.0	51.1	59.2
P3 Genetics	2320E	E3	2.0	55.6	10.3	1	\$700	54.3	52.9	52.4	62.7
Cornelius	CB16XF21	RXF	1.6	55.3	10.3	1	\$697	61.4	53.3	46.3	60.3
Croplan	CP2123E CK	E3	2.1	53.6	10.2	2	\$675	57.4	50.6	47.5	58.8
Averages =				56.7	10.3	1	\$714	59.3	53.7	51.1	62.5
LSD (0.10) =				3.3	0.2	ns		4.6	3.1	3.4	3.7

FULL-SEASON TEST | MATURITY GROUP 2.1-2.5 | Top 30 of 36 tested Results in BOLD are significantly above test average.

Genesis	G2480E	E3	2.4	61.5	10.3	1	\$775	67.5	59.0	50.2	69.3
P3 Genetics	2322E	E3	2.2	60.7	10.5	1	\$764	65.9	64.4	46.1	66.3
Asgrow	AG21XF2 U	RXF	2.1	60.6	10.4	1	\$764	60.5	63.0	49.2	69.8
FS HiSOY	HS 21E20	E3	2.1	60.4	10.3	1	\$761	69.0	58.2	48.4	66.0
Cornelius	CB22XF52	RXF	2.2	60.2	10.0	1	\$759	61.4	62.8	49.1	67.7
Genesis	G2570ES	E3,ST	2.5	59.6	10.5	1	\$751	66.6	62.0	49.5	60.4
Genesis	G2180E	E3	2.1	59.4	10.8	1	\$748	65.2	59.2	42.2	70.8
Golden Harvest	GH2313XF U	RXF	2.3	59.2	10.3	2	\$746	58.9	58.2	49.9	69.9
Xitavo	XO 2282E	E3	2.2	59.2	10.4	1	\$746	67.4	54.5	48.0	66.9
Golden Harvest	GH2292E3 U	E3	2.2	59.1	10.3	1	\$745	59.0	63.0	48.9	65.6
Zinesto	Z2303E	E3	2.3	59.0	10.4	1	\$743	64.2	59.6	47.8	64.3
Xitavo	XO 2323E	E3	2.3	58.6	10.4	1	\$738	63.4	57.2	44.4	69.2
Titan Pro	TP 22E23	E3	2.2	58.3	10.7	1	\$734	59.7	55.8	48.6	69.0
Renk	RS214NXF	RXF	2.1	58.2	10.7	1	\$734	63.3	57.5	48.1	64.0
FS HiSOY	HS 24E30	E3	2.4	58.1	10.5	1	\$733	61.1	55.4	50.6	65.4
Kruger	K2294XF	RXF	2.2	57.9	10.7	1	\$730	66.4	54.3	47.2	63.8
Pioneer	P21A53E U	E3	2.1	57.6	10.1	1	\$726	64.3	60.7	43.2	62.3
FS HiSOY	HS 25E30	E3	2.5	57.6	10.6	1	\$726	58.9	60.4	48.7	62.3
Titan Pro	TP 25E22	E3	2.5	57.6	10.4	1	\$726	65.2	54.1	47.9	63.0
Stine	24FD32 U	RXF	2.4	57.4	10.7	1	\$724	66.5	53.8	44.3	65.2
Stine	21EG32 U	E3	2.1	57.4	10.8	1	\$723	60.0	56.1	45.8	67.6
Xitavo	XO 2181E	E3	2.1	57.2	10.4	1	\$721	62.3	56.6	44.2	65.7
Zinesto	Z2202E	E3	2.2	57.0	10.2	1	\$718	66.0	60.3	40.4	61.3
Hoegemeyer	2254 E GC	E3	2.2	56.6	10.4	1	\$713	62.4	57.4	44.3	62.4
Zinesto	Z2101E	E3	2.1	56.2	10.3	1	\$708	60.0	60.3	41.6	62.9
NuTech	24N05E	E3	2.4	56.0	10.5	1	\$705	60.6	54.3	48.6	60.4
Kruger	K2115XF	RXF	2.1	55.9	10.4	1	\$705	61.0	58.3	42.1	62.2
Xitavo	XO 2444E	E3,ST	2.4	55.7	10.5	1	\$702	59.0	55.5	48.2	60.2
Asgrow	AG25XF3 U	RXF	2.5	55.2	10.9	1	\$695	58.6	53.8	44.6	63.7
NuTech	22N03E	E3	2.2	54.9	10.5	1	\$692	57.0	55.1	46.0	61.4
Croplan	CP2123E CK	E3	2.1	53.4	10.3	1	\$673	56.9	50.1	46.9	59.7
Averages =				57.3	10.4	1	\$722	61.3	57.1	46.4	64.3
LSD (0.10) =				2.9	0.2	ns		4.4	2.6	2.6	3.8

Soybean Results: IANW (See site description on page 10)

EARLY-SEASON TEST | MATURITY GROUP 1.6-2.0 | Top 30 of 30 tested Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Emmetsburg	Hartley	Hull	Laurens
Hefty	H18E3	E3	1.8	70.7	10.6	3	\$891	69.9	71.7	69.2	71.9
FS HiSOY	HS 18F20	RXF	1.8	69.4	10.6	1	\$874	72.0	67.1	68.6	69.9
Xitavo	XO 1632E	E3	1.6	69.3	10.7	4	\$873	69.3	71.7	69.2	67.1
Xitavo	XO 1822E	E3	1.8	69.2	10.6	10	\$872	73.2	64.7	67.3	71.7
Asgrow	AG19XF3 U	RXF	1.9	69.0	10.6	6	\$870	68.6	71.6	67.2	68.7
Asgrow	AG18XF1 U	RXF	1.8	68.6	10.4	2	\$865	70.2	66.9	66.1	71.2
Titan Pro	TP 18E22 GC	E3	1.8	68.0	10.5	2	\$856	60.1	68.1	70.0	73.6
Titan Pro	TP 20E22 GC	E3	2.0	67.8	10.6	2	\$855	63.5	64.2	74.0	69.7
FS HiSOY	HS 15E10	E3	1.5	67.1	10.6	3	\$846	68.5	63.1	65.9	71.1
Golden Harvest	GH2004XF U	RXF	2.0	67.1	10.4	1	\$846	60.6	66.5	65.3	76.0
Cornelius	CB18XF88 GC	RXF	1.8	67.0	10.3	6	\$845	66.8	58.8	73.4	69.3
Stine	19EG92 U	E3	1.9	66.8	10.4	5	\$842	66.3	63.3	68.7	68.9
Zinesto	Z1802E	E3	1.8	66.7	10.5	9	\$840	67.4	57.2	72.2	69.9
FS HiSOY	HS 15F30	RXF	1.5	66.5	10.8	2	\$838	62.8	65.1	68.0	70.0
Pioneer	P19A66E U	E3	1.9	66.3	10.2	8	\$836	62.9	65.3	69.6	67.5
Stine	20EG02 U	E3	2.0	66.3	10.8	8	\$835	68.2	63.4	64.1	69.4
FS HiSOY	HS 18E30	E3	1.8	65.9	10.5	2	\$830	67.4	60.2	66.2	69.6
Pioneer	P18A73E U	E3	1.8	65.7	10.2	5	\$828	60.1	68.2	68.0	66.7
Zinesto	Z1902E	E3	1.9	65.4	10.4	3	\$825	56.2	67.2	73.0	65.3
Hefty	H20E3	E3	2.0	65.3	10.5	3	\$823	62.5	57.7	71.2	69.9
Kruger	K1804XF	RXF	1.8	65.2	10.2	3	\$822	59.4	59.3	74.5	67.7
Xitavo	XO 1761E	E3	1.7	64.5	10.4	1	\$813	61.0	70.0	60.4	66.5
Golden Harvest	GH2083E3S U	E3,ST	2.0	63.6	10.8	4	\$801	60.9	65.2	63.2	65.1
Cornelius	CB16XF21 GC	RXF	1.6	62.9	10.5	5	\$793	53.8	63.5	65.9	68.4
Zinesto	Z2002E	E3	2.0	62.6	10.8	20	\$789	64.0	54.5	64.7	67.4
Xitavo	XO 1971E	E3	1.9	61.8	10.5	3	\$778	59.1	65.7	57.5	64.7
Kruger	K1914XF	RXF	1.9	61.4	10.4	8	\$775	63.7	51.5	65.3	65.3
Zinesto	Z1603E	E3	1.6	60.6	10.4	1	\$763	59.9	63.7	52.0	66.7
Hefty	H16E4	E3	1.6	59.7	10.9	3	\$753	66.5	53.9	54.4	64.2
Croplan	CP2520E CK	E3	2.5	68.3	10.5	10	\$861	71.0	58.5	73.0	70.6
Averages =				66.0	10.5	5	\$831	64.5	63.6	66.9	68.8
LSD (0.10) =				4.0	0.3	5.5		4.2	5.3	3.5	2.6

FULL-SEASON TEST | MATURITY GROUP 2.1-2.5 | Top 30 of 30 tested Results in BOLD are significantly above test average.

Cornelius	CB22XF52	RXF	2.2	74.7	10.4	2	\$941	70.9	75.6	72.5	79.8
Titan Pro	TP 25E22	E3	2.5	73.8	10.9	2	\$930	74.8	72.9	74.6	72.8
Golden Harvest	GH2544XF U	RXF	2.5	72.4	10.6	5	\$913	71.0	74.1	72.4	72.2
Xitavo	XO 2444E	E3,ST	2.4	72.4	10.8	2	\$912	70.9	72.7	77.0	68.9
Hoegemeyer	2574 E	E3	2.5	71.4	10.6	1	\$900	75.0	73.1	71.6	66.0
Asgrow	AG21XF2 U	RXF	2.1	71.0	10.6	1	\$895	76.8	65.8	66.0	75.4
Zinesto	Z2303E	E3	2.3	70.8	10.5	3	\$892	72.2	73.4	70.5	67.0
Genesis	G2570ES	E3,ST	2.5	70.7	10.5	1	\$891	69.7	64.1	75.2	73.8
Xitavo	XO 2323E	E3	2.3	69.7	10.8	4	\$878	75.0	66.3	69.3	68.1
Golden Harvest	GH2292E3 U	E3	2.2	69.6	10.5	2	\$877	73.7	69.3	64.3	71.0
Genesis	G2550E	E3	2.5	69.4	10.8	4	\$875	73.8	66.4	65.7	71.7
Xitavo	XO 2282E	E3	2.2	69.4	10.4	1	\$874	73.4	67.5	69.7	66.8
Genesis	G2480E	E3	2.4	68.7	10.3	1	\$866	68.5	63.8	72.0	70.6
FS HiSOY	HS 25E30	E3	2.5	68.5	10.6	3	\$863	71.7	60.2	71.8	70.3
Kruger	K2294XF	RXF	2.2	68.3	10.5	1	\$860	74.7	68.8	60.2	69.4
Xitavo	XO 2181E	E3	2.1	67.7	10.5	6	\$853	68.3	69.3	61.5	71.7
FS HiSOY	HS 24E30	E3	2.4	67.4	10.7	2	\$850	68.1	63.9	71.8	66.1
Zinesto	Z2401E	E3	2.4	67.2	10.8	2	\$846	65.7	65.5	67.5	70.0
Kruger	K2115XF	RXF	2.1	67.1	10.6	7	\$845	72.0	60.5	67.9	67.8
FS HiSOY	HS 23F10	RXF	2.3	67.0	10.6	1	\$845	69.7	63.0	70.0	65.4
FS HiSOY	HS 23E10	E3,ST	2.3	66.7	10.5	1	\$840	66.0	62.0	74.3	64.4
Pioneer	P21A53E U	E3	2.1	66.5	10.3	2	\$838	66.0	71.8	58.6	69.7
Zinesto	Z2202E	E3	2.2	66.2	10.6	1	\$834	64.3	64.4	66.1	69.9
Hoegemeyer	2254 E	E3	2.2	66.1	10.7	1	\$833	70.3	68.5	61.3	64.4
Stine	21EG32 U	E3	2.1	66.1	10.9	1	\$833	71.7	66.0	60.9	65.8
Titan Pro	TP 22E23	E3	2.2	65.8	10.4	1	\$830	61.8	61.6	69.5	70.4
Zinesto	Z2101E	E3	2.1	65.8	10.6	1	\$829	63.5	69.5	59.0	71.3
Stine	24FD32 U	RXF	2.4	65.7	10.5	1	\$828	63.5	55.1	74.9	69.4
Asgrow	AG25XF3 U	RXF	2.5	64.8	10.7	3	\$817	65.4	64.0	63.2	66.8
Croplan	CP2520E CK	E3	2.5	67.8	10.4	2	\$855	70.4	58.2	71.7	71.0
Averages =				68.6	10.6	2	\$865	69.9	66.6	68.4	69.6
LSD (0.10) =				3.9	0.3	3.2		3.8	4.8	3.3	2.5

Soybean Results: IANC (See site description on page 10)

EARLY-SEASON TEST MATURITY GROUP 2.1-2.5 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)	Galva#	Iowa Falls*	Moorland	Waterloo
Golden Harvest	GH2544XF U	RXF	2.5	65.0	11.5	2	\$820	—	51.0	73.5	56.6
Hoegemeyer	2484 E	E3	2.4	64.2	11.5	2	\$810	64.7	49.3	71.0	57.5
FS HiSOY	HS 25E30	E3	2.5	64.2	11.4	5	\$809	67.4	48.2	69.2	59.2
Titan Pro	TP 25E22	E3	2.5	63.6	11.6	4	\$801	67.5	42.8	67.1	60.1
Genesis	G2480E	E3	2.4	63.2	11.6	2	\$797	61.9	57.2	65.8	60.7
Stine	24FD32 U	RXF	2.4	63.1	11.8	2	\$796	—	60.7	67.7	58.6
NuTech	24N05E	E3	2.4	63.0	11.7	2	\$794	65.4	51.1	69.9	56.0
P3 Genetics	2325E	E3	2.5	62.7	11.5	1	\$791	70.8	49.9	65.4	60.1
Hoegemeyer	2194 E	E3	2.1	62.0	11.4	1	\$782	63.6	58.9	68.3	55.8
P3 Genetics	2322E	E3	2.2	62.0	11.8	1	\$782	69.3	65.6	67.0	57.1
Asgrow	AG21XF2 U	RXF	2.1	61.9	11.7	1	\$780	—	59.2	67.4	56.4
Golden Harvest	GH2292E3 U	E3	2.2	61.7	11.6	2	\$778	63.5	56.5	67.8	55.6
Apex	AE2440	E3	2.4	61.3	11.6	2	\$773	68.8	58.3	68.3	54.3
P3 Genetics	2424E	E3	2.4	61.1	11.6	1	\$770	68.1	53.1	67.5	54.7
Cornelius	CB23XF63	RXF	2.3	61.1	11.7	2	\$770	—	73.5	66.0	56.1
Zinesto	Z2303E	E3	2.3	60.9	12.1	2	\$767	56.9	59.9	67.4	54.4
Zinesto	Z2404E	E3	2.4	60.8	11.6	2	\$766	66.0	51.2	69.8	51.8
FS HiSOY	HS 23F10	RXF	2.3	60.4	11.7	3	\$761	—	41.6	65.0	55.8
Xitavo	XO 2282E	E3	2.2	59.6	11.6	1	\$751	62.4	71.0	65.4	53.7
Cornelius	CB25XF99	RXF	2.5	59.5	11.6	2	\$750	—	50.5	66.8	52.2
Zinesto	Z2101E	E3	2.1	59.0	11.8	1	\$743	57.4	56.3	62.3	55.6
Xitavo	XO 2444E	E3,ST	2.4	58.7	11.4	4	\$740	67.5	52.1	60.9	56.5
Kruger	K2115XF	RXF	2.1	58.1	11.8	1	\$733	—	45.8	61.4	54.9
NuTech	22N03E	E3	2.2	58.0	11.8	2	\$731	64.0	53.0	62.0	54.0
P3 Genetics	2421E	E3	2.1	57.6	12.1	1	\$726	62.2	48.9	64.1	51.0
Kruger	K2294XF	RXF	2.2	57.5	11.9	1	\$725	—	55.5	60.0	55.0
FS HiSOY	HS 23E10	E3,ST	2.3	57.0	11.9	3	\$719	65.2	49.4	63.0	51.0
Genesis	G2550E	E3	2.5	56.9	11.5	1	\$718	65.4	55.6	62.6	51.3
Xitavo	XO 2501E	E3	2.5	56.8	11.4	2	\$715	66.5	59.2	59.1	54.4
Stine	21EG32 U	E3	2.1	56.1	12.2	1	\$707	60.1	41.4	63.9	48.3
Croplan	CP2520E CK	E3	2.5	60.7	11.5	3	\$765	65.9	56.5	64.2	57.2
Averages =				59.8	11.6	2	\$753	64.8	54.1	65.0	54.6
LSD (0.10) =				3.4	0.2	1.8		3.9	9.1	3.1	2.4
FULL-SEASON TEST MATURITY GROUP 2.6-2.9 Top 30 of 34 teste								Results in BOLD are significantly above test average.			
Stine	28EG29 U	E3	2.8	58.5	11.5	2	\$737	67.0	45.9	70.0	59.6
NuTech	27N03E	E3	2.7	58.3	11.1	3	\$735	68.5	45.7	70.0	59.2
FS HiSOY	HS 28F30	RXF	2.8	54.2	11.2	1	\$683	—	47.7	59.4	55.6
NuTech	27N06E	E3	2.7	54.0	10.8	1	\$680	66.4	47.9	58.5	55.5
Golden Harvest	GH2674E3 U	E3	2.6	53.5	11.4	3	\$674	66.0	37.8	66.1	56.5
FS HiSOY	HS 28E10	E3	2.8	53.5	11.3	3	\$673	65.3	40.4	62.6	57.3
Asgrow	AG27XF3 U	RXF	2.7	53.4	11.0	4	\$673	—	40.5	61.9	57.9
Genesis	G2780E	E3	2.7	53.3	11.3	1	\$671	64.9	45.6	61.1	53.1
Zinesto	Z2604E	E3	2.6	53.2	11.1	1	\$671	61.1	42.7	61.6	55.4
P3 Genetics	2326E	E3	2.6	53.1	11.4	3	\$669	65.0	42.4	61.6	55.4
Xitavo	XO 2832E	E3	2.8	52.9	11.3	1	\$666	67.8	42.1	60.0	56.6
Stine	27EG22 U	E3	2.7	52.7	11.3	1	\$664	63.3	38.5	64.7	55.0
FS HiSOY	HS 27E30	E3	2.7	52.6	11.2	2	\$663	64.3	40.5	61.7	55.6
Pioneer	P26T57E U	E3	2.6	52.6	11.3	2	\$662	65.6	39.4	65.6	52.7
Kruger	K2604XF	RXF	2.6	52.2	11.2	2	\$658	—	37.6	61.4	57.6
Xitavo	XO 2613E	E3	2.6	52.1	11.5	1	\$656	59.2	38.1	60.9	57.2
Zinesto	Z2700E	E3	2.7	51.6	11.2	5	\$650	63.5	40.5	58.9	55.4
NuTech	29N04E	E3	2.9	51.6	10.9	1	\$650	69.1	33.8	65.3	55.6
FS HiSOY	HS 26E20	E3	2.6	50.9	11.5	1	\$641	66.4	37.8	64.8	50.0
Hoegemeyer	2724 E GC	E3	2.7	50.4	10.8	2	\$636	66.2	32.9	62.7	55.7
Titan Pro	TP 29E23	E3	2.9	50.1	11.1	1	\$631	64.3	36.9	59.4	53.9
Xitavo	XO 2963E	E3	2.9	49.9	11.5	1	\$629	66.1	31.1	62.8	55.9
Pioneer	P28A65E U	E3	2.8	49.8	10.6	2	\$628	66.9	35.1	61.7	52.7
Golden Harvest	GH2814E3S U	E3,ST	2.8	49.6	11.4	3	\$626	61.2	38.5	57.7	52.8
NuTech	29N02E	E3	2.9	49.1	10.9	2	\$618	66.1	32.4	60.3	54.5
Zinesto	Z2902E	E3	2.9	49.0	11.4	2	\$617	61.4	30.8	59.8	56.4
Asgrow	AG28XF3 U	RXF	2.8	48.8	10.6	3	\$615	—	29.5	60.6	56.2
Kruger	K2816XF	RXF	2.8	48.8	11.0	5	\$614	—	36.7	57.4	52.2
Cornelius	CB27XF72	RXF	2.7	47.7	10.7	1	\$601	—	29.1	60.1	53.9
Hoegemeyer	2834 E GC	E3	2.8	47.5	11.0	1	\$598	66.2	33.0	56.9	52.5
Croplan	CP2520E CK	E3	2.5	55.5	11.0	2	\$699	67.2	44.6	64.7	57.1
Averages =				51.4	11.1	2	\$647	65.2	37.8	61.5	55.0
LSD (0.10) =				3.6	0.2	1.6		4.2	6.8	3.5	2.2

*Galva: early- and full-season test results rejected, herbicide injury to RXF beans; Iowa Falls: early-season test results rejected, drought stress

PRODUCTS TESTED



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

THANK YOU!

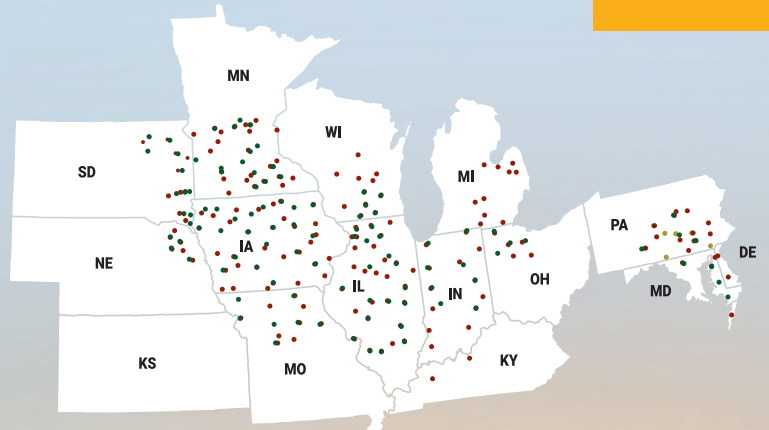
American farmers are the heart of Farmers' Independent Research of Seed Technologies (FIRST). Families and farms around the Midwest and Mid-Atlantic host and manage FIRST plots to provide actionable yield data to their fellow farmers and industry professionals. Thank you to all our host farmers!

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.

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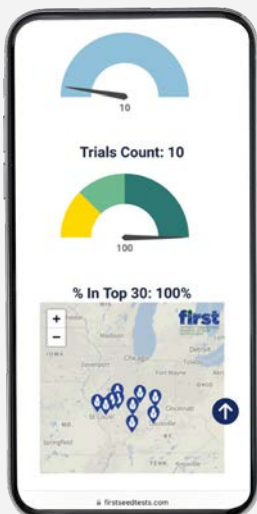
INDEPENDENT YIELD TRIALS
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