

INSIDE

Unbiased yield research for
corn and soybean products
tested near you. Find the *best*
seed for your farm.

Check **first**

2022 Performance Summary

North Iowa & Northeast Nebraska



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FIRST Field Manager

North Iowa FIRST, Inc.
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Summary of the 2022 Season

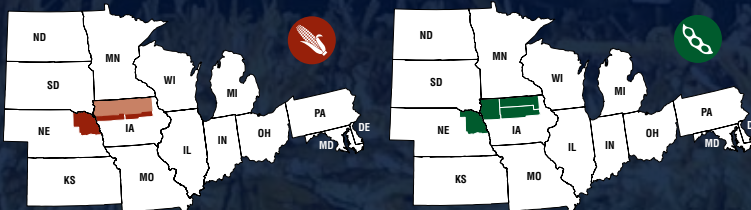
Here it is! This publication of yield summaries is the result of dedicated and detailed work to serve you, the American farmer, and we were glad to do it!

Dry weather was a major concern for corn and soybean growers across north Iowa and northeast Nebraska this year. The yield differences reported here are a result of the ensuing drought that impacted these areas. North central Iowa escaped drought conditions until very late in the season and produced great yields. However, most of our sites in northwest Iowa and dryland fields in northeast Nebraska were well below normal for rainfall and yields were reduced accordingly.

As you flip through these pages, please understand that this tremendous effort was done in cooperation with real farmers in your area. I am very grateful to each one of them for volunteering to partner with us in this effort!

Now get ready to plan for next year and remember, these FIRST trials are for you—to help improve the profitability on your farms. To that end I hope you use this information with confidence that we work hard on these plots, getting it right, so American farmers can prosper.

Corey Rozenboom



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.

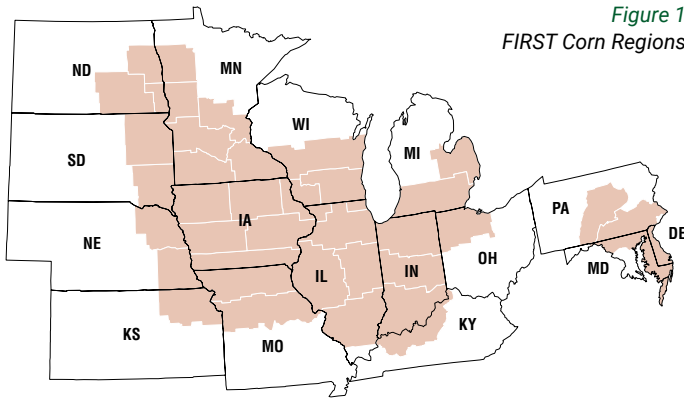


Figure 1
FIRST Corn Regions

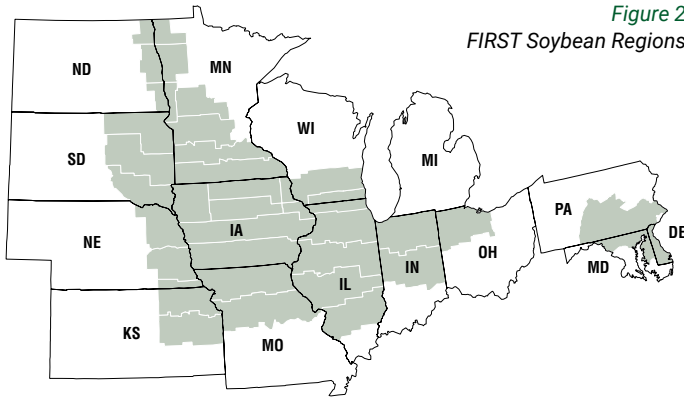


Figure 2
FIRST Soybean Regions

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.

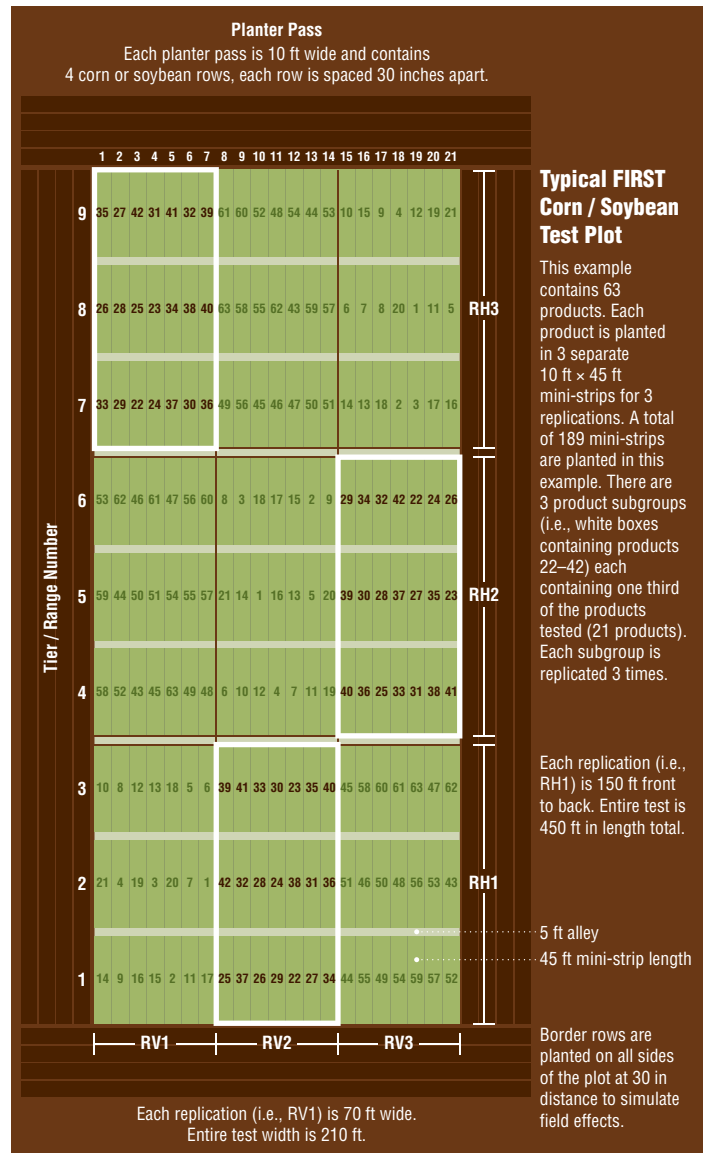
Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

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											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	Oil	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	249.1	232.1	146.2	222.5	248.5		
NORTHSTAR	NS-98-513 STXR.B	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	235.5	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											Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Arlington	Oregon	Pennile	Warrenton				
CREDENZ	CZ-2121 GTLL GC	LLGT27	2.1	68.8	11.1	6	\$619	72.8	61.8	73.9	66.8				
FS HUSKY	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	T20E495	E3	2.2	66.7	11.3	8	\$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-2040 GTLL GC	LLGT27	2.0	66.4	10.8	6	\$598	71.7	65.8	69.5	58.7				
GENESIS	G235FE	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				
ASROW	AS20W3 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
§	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®
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)
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)
QR	Qrome™
RR2	Roundup Ready® 2 Corn
STX	SmartStax® (VT3PHXX)

STXP	SmartStax® PRO (VT3PHXX)
TRE	Trecepta®
VT2P	VT Double PRO®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220

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



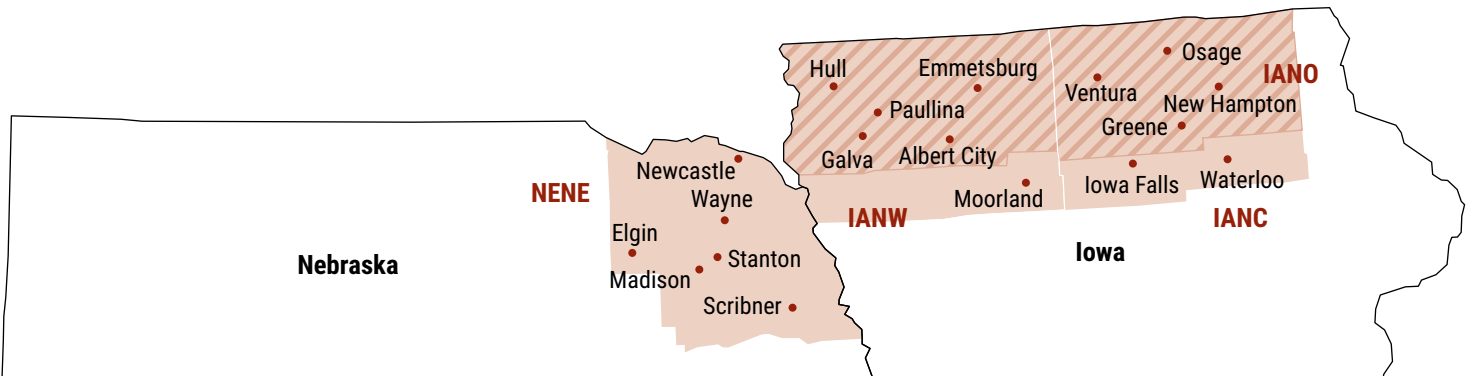
ACCESS



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	
Elgin	Ray Payne	loam	conventional	corn	248	25-Apr	13-Oct	34.1	266.0	–	new site	
Madison	Craig Knapp	silty clay loam	strip till	soybeans	235.5	19-May	15-Oct	34.6	253.2	151.6	3	
Newcastle	Austin Koch	silt loam	no-till	soybeans	159.0	26-Apr	Oct 20	32.5	184.5	–	new site	
Scribner	Sid & Ruth Ready	silty clay loam	no-till	soybeans	160	26-Apr	18-Oct	34.0	249.3	230.8	9	
Stanton	Alan Feller	silty clay loam	no-till	soybeans	207	25-Apr	14-Oct	34.2	170.5	–	new site	
Wayne	Kelly Meyer	silt loam	no-till	soybeans	132	20-May	15-Oct	32.0	122.4	210.6	10	
									NENE	199.9	16	

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	
Emmetsburg	Tom Kuecker	clay loam	conventional	soybeans	165	27-Apr	8-Oct	33.1	276.2	221.9	12	
Hull	Evan Wielenga	silty clay loam	conventional	soybeans	172	7-May	15-Oct	33.0	208.6	–	new site	
New Hampton	Matt Bruening	silty clay loam	no-till	soybeans	268	11-May	20-Oct	32.3	234.2	–	new site	
Osage	Dale Hemann	silty clay loam	conventional	soybeans	300	12-May	18-Oct	37.6	241.4	204.6	9	
Paullina	Mark Hibbing	silty clay loam	minimum	soybeans	150	29-Apr	21-Oct	34.4	163.6	192.9	18	
Ventura	Brent Renner	clay loam	strip till	soybeans	180	14-May	21-Oct	33.9	244.3	226.5	1	
									IANO	193.8	15	

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	
Albert City	Nathan Schumann	clay loam	conventional	soybeans	226	10-May	10-Oct	34.0	214.9	217.4	8	
Emmetsburg	Tom Kuecker	clay loam	conventional	soybeans	165	27-Apr	8-Oct	32.7	286.7	221.9	12	
Galva	Tom Andresen	silty clay loam	minimum	soybeans	120	10-May	19-Oct	33.7	196.3	193.5	5	
Hull	Evan Wielenga	silty clay loam	conventional	soybeans	172	7-May	15-Oct	32.9	224.6	–	new site	
Moorland	Jeff Loehr	clay loam	conventional	soybeans	166	14-May	15-Oct	33.5	187.8	208.6	10	
Paullina	Mark Hibbing	silty clay loam	minimum	soybeans	150	29-Apr	21-Oct	35.4	164.1	192.9	18	
									IANW	200.6	22	

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	
Greene	Mike Ruby	loam	minimum	soybeans	160	13-May	20-Oct	37.6	237.2	196.7	22	
Iowa Falls	Landon Aldinger	loam	conventional	soybeans	165	13-May	19-Oct	35.5	268.3	201.9	21	
New Hampton	Matt Bruening	silty clay loam	no-till	soybeans	268	11-May	20-Oct	33.3	247.8	–	new site	
Osage	Dale Hemann	silty clay loam	conventional	soybeans	300	12-May	18-Oct	36.7	250.3	204.6	9	
Ventura	Brent Renner	clay loam	strip till	soybeans	180	14-May	21-Oct	34.1	232.7	226.5	1	
Waterloo	Rottinghaus Farms	loam	no-till	soybeans, rye cover crop	206	11-May	20-Oct	36.7	250.4	215.9	13	
									IANC	197.5	22	

CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2018–2022

FIRST Region	Average Yield by Year (Bu/A)					Since Inception	
	2022	2021	2020	2019	2018	Bu/A	#Years
NENE	207.5	258.5	235.4	237.3	235.1	199.9	16
IANO	227.6	225.4	210.9	217.6	190.0	193.8	15
IANW	212.5	243.8	192.5	231.9	202.8	200.6	22
IANC	247.8	243.1	221.0	218.1	219.7	197.5	22

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

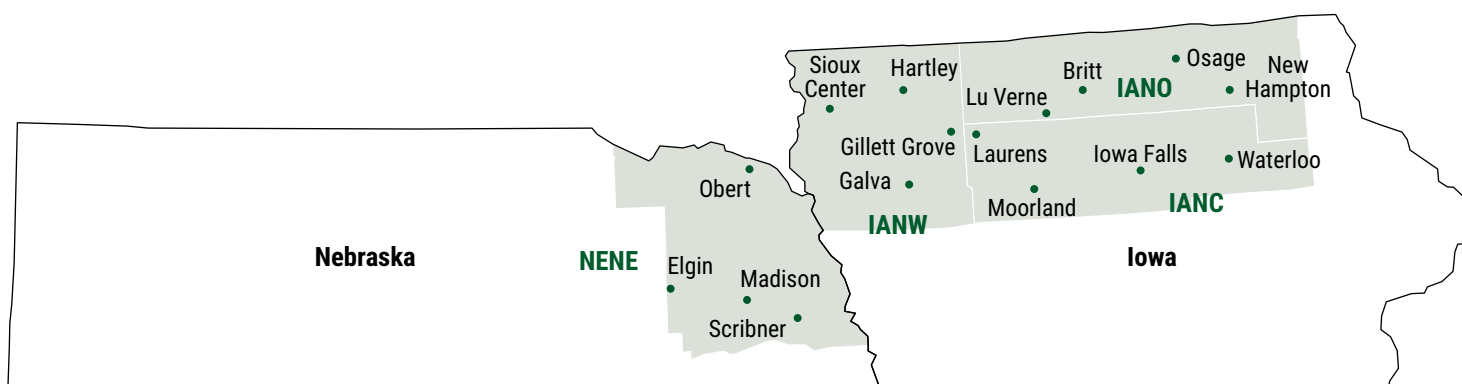
ULTRA EARLY-SEASON TEST | 95-100 Day CRM | Top 30 of 60 tested

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	Results in BOLD are significantly above test average.					
									Emmetsburg	Hull	New Hampton	Osage	Paulina	Ventura
Wyffels	W1758	STX	97	246.1	18.1	0	\$1,651	1	300.7	214.7	252.8	256.1	192.7	259.4
NK Brand	NK9922-DV	DV	99	242.3	18.6	0	\$1,622	2	285.7	211.9	255.5	267.1	177.0	256.3
NuTech	59A1AM	AM	99	240.0	18.5	0	\$1,607	3	266.6	224.7	255.8	269.3	171.7	252.1
Integra	4993 TRERIB	TRE	99	238.8	18.2	3	\$1,602	4	284.6	232.7	236.5	256.6	191.6	230.9
NuTech	60A2Q	QR	100	238.4	19.4	0	\$1,591	6	292.0	208.5	236.3	257.6	181.8	254.2
Kruger	K0019DT	TRE	100	238.1	18.5	0	\$1,594	5	285.4	210.9	251.6	248.1	166.4	266.0
NuTech	60A4AM	AM	100	237.1	19.4	0	\$1,582	7	273.2	227.8	247.6	248.9	168.0	257.2
Federal	4930 VT2P	VT2P	99	235.6	18.6	0	\$1,578	9	288.8	221.0	230.3	251.9	171.1	250.6
NuTech	57A4AM	AM	97	235.6	19.0	0	\$1,574	10	288.7	214.0	221.9	276.7	168.5	243.8
FS InVision	FS 4715V RIB	VT2P	97	235.2	17.7	0	\$1,579	8	304.7	215.7	241.2	236.4	164.1	249.1
Golden Harvest	G99A37-DV	DV	99	235.2	18.8	0	\$1,574	11	276.7	224.6	233.7	240.8	176.4	258.9
Kruger	K9915DP	VT2P	99	234.0	18.3	0	\$1,568	13	295.9	221.0	241.9	240.8	164.8	239.8
Renk	RK590VT2P	VT2P	98	233.7	17.7	0	\$1,570	12	291.2	219.8	234.5	255.7	146.6	254.7
Pioneer	P0075Q GC	QR	100	233.6	19.6	0	\$1,559	19	280.2	229.7	216.5	251.1	182.9	240.9
DeKalb	DKC50-87RIB GC	STX	100	233.5	19.1	0	\$1,561	18	282.1	208.4	226.7	255.8	169.6	258.2
Cornelius	C5972TRE	TRE	99	233.4	18.0	0	\$1,566	14	280.7	221.2	234.7	252.1	167.2	244.6
Renk	RK597SSPRO	STXP	99	233.4	18.3	0	\$1,564	15	282.7	201.5	234.4	263.2	165.5	252.9
Wyffels	W1996	VT2P	98	233.0	17.9	3	\$1,563	16	289.7	192.0	247.1	253.4	171.3	244.5
Cornelius	C5922SSP	STXP	99	232.9	18.0	0	\$1,562	17	269.9	204.5	245.5	259.0	166.7	251.9
FS InVision	FS 5098V RIB	VT2P	100	232.3	18.3	4	\$1,556	21	292.7	205.3	249.4	242.9	166.3	237.1
Cornelius	C6007DP	VT2P	100	232.0	18.3	0	\$1,553	23	301.7	201.9	230.5	231.9	164.2	261.6
Titan Pro	11-98 2P	VT2P	98	231.9	17.9	4	\$1,557	20	277.4	214.5	230.4	239.9	173.9	255.4
FS InVision	FS 4927T RIB	TRE	99	231.8	17.9	0	\$1,556	22	273.6	222.5	240.1	252.5	161.2	240.7
Kruger	K9815SS	STX	98	230.7	18.5	0	\$1,546	24	280.2	211.7	245.3	228.6	155.7	262.6
Dyna-Gro	D38VC80	VT2P	98	229.3	18.1	0	\$1,538	26	285.6	218.6	218.6	245.0	157.0	251.2
Pioneer	P9998Q GC	QR	99	229.3	19.0	0	\$1,534	27	266.3	220.9	221.0	241.6	181.7	244.3
Wyffels	W2016	VT2P	98	229.2	17.7	0	\$1,539	25	272.9	209.0	239.3	240.5	167.1	246.2
Wyffels	W2236RIB	VT2P	99	229.1	18.6	1	\$1,533	28	269.5	209.3	235.7	259.6	159.0	241.3
Dyna-Gro	D40VC41RIB	VT2P	100	228.7	18.4	0	\$1,532	29	285.0	210.3	236.9	235.1	154.4	250.3
Renk	RK600VT2P	VT2P	100	228.3	18.3	0	\$1,529	30	285.5	210.1	248.0	258.8	147.9	219.4
Averages =				228.0	18.4	1	\$1,528		276.2	208.6	234.2	241.4	163.6	244.3
LSD (0.10) =				8.2	0.4	2.9			10.2	7.9	7.5	15.0	8.9	8.0



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
Elgin	Ray Payne	loam	no-till	corn	NULL	16-May	12-Oct	NULL	NULL	NULL	NULL
Madison	Craig Knapp	silty clay loam	strip till	corn	NULL	17-May	11-Oct	133.2	63.2	58.6	1
Obert	Garrett Hingst	loam	no-till	corn	NULL	16-May	17-Oct	125.6	64.8	NULL	NULL
Scribner	Sid & Ruth Ready	silty clay loam	no-till	corn	NULL	19-May	11-Oct	133.2	66.0	59.0	10
									NENE	56.6	10

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
Britt	Donald Kirsch	clay loam	conventional	corn	NULL	21-May	11-Oct	131.2	67.9	63.1	2
Lu Verne	Bob Plathe	silty clay loam	conventional	corn	NULL	21-May	10-Oct	127.6	65.6	61.5	5
New Hampton	Matt Bruening	clay loam	no-till	corn	NULL	21-May	15-Oct	124.0	62.7	56.2	20
Osage	Dale Hemann	silty clay loam	conventional	corn	NULL	21-May	12-Oct	127.7	66.4	57.2	11
									IANO	56.7	20

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
Galva	Tom Andresen	silty clay loam	no-till	corn	NULL	20-May	13-Oct	121.7	66.3	60.3	18
Gillett Grove	Bobby Gibson	clay loam	conventional	corn	NULL	2-Jun	12-Oct	125.7	41.8	NULL	NULL
Hartley	Clint Van Beek	silty clay loam	no-till	corn	NULL	17-May	3-Oct	121.9	57.3	57.1	11
Sioux Center	Chris Vander Brink	silty clay loam	no-till	corn	NULL	16-May	1-Oct	123.7	67.6	56.3	1
									IANW	60.9	10

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
Iowa Falls	Landon Aldinger	loam	conventional	corn	NULL	21-May	15-Oct	132.9	67.9	57.4	20
Laurens	Dale Roewe	clay loam	conventional	corn	NULL	20-May	11-Oct	120.3	67.3	59.9	10
Moorland	Jeff Loehr	clay loam	conventional	corn	NULL	21-May	4-Oct	134.7	57.5	53.9	10
Waterloo	Rottinghaus Farms	loam	no-till	corn, rye cover crop	27	20-May	14-Oct	126.5	67.2	59.1	7
									IANC	54.9	20

SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2018-2022

FIRST Region	Average Yield by Year (Bu/A)					Since Inception	
	2022	2021	2020	2019	2018	Bu/A	#Years
NENE	64.9	66.8	59.3	65.4	59.3	56.6	10
IANO	65.6	64.7	61.0	59.1	59.4	56.7	20
IANW	57.7	69.8	61.7	59.0	69.0	60.9	10
IANC	64.8	65.6	58.9	58.2	64.8	54.9	20

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

ALL-SEASON TEST | MATURITY GROUP 2.4-3.3 | Top 30 of 60 tested Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Elgin*	Madison	Obert	Scribner
Stine	32EE21 §	E3	3.2	71.5	9.7	4	\$948	66.2	72.2	72.5	69.9
Xitavo	XO 2832E	E3	2.8	70.8	9.5	0	\$939	77.0	67.8	74.6	70.2
Stine	26EC32 §	E3	2.6	70.1	9.5	0	\$928	70.2	68.3	70.9	71.0
Zinesto	Z3203E	E3	3.2	69.8	9.4	6	\$924	69.3	69.3	71.2	68.8
Golden Harvest	GH3023XF §	RXF	3.0	69.6	9.4	0	\$923	64.0	65.6	74.1	69.2
Dyna-Gro	S29EN62	E3	2.9	69.3	9.5	7	\$918	74.0	66.0	72.0	69.8
Zinesto	Z2902E	E3	2.9	69.3	9.4	0	\$918	76.7	65.3	69.3	73.2
Latham	L 3123 E3	E3	3.1	68.9	9.7	0	\$913	69.9	70.0	68.1	68.7
Stine	26EF23 §	E3	2.6	68.9	9.6	7	\$912	72.1	63.4	75.4	67.7
Genesis	G2960E	E3	2.9	68.4	9.5	0	\$906	76.1	64.4	72.4	68.3
Renk	RS2-271E	E3	2.7	67.7	9.3	0	\$898	72.9	66.5	67.4	69.4
Asgrow	AG32XF2 §	RXF	3.2	67.6	9.8	0	\$896	64.3	68.9	66.1	67.9
Xitavo	XO 3131E	E3	3.1	67.5	9.8	8	\$895	64.4	66.2	70.1	66.3
Latham	L 2894 E3	E3	2.8	67.4	9.5	0	\$893	71.6	63.1	70.3	68.8
Golden Harvest	GH2653XF §	RXF	2.6	67.2	9.4	0	\$891	77.1	58.2	75.3	68.2
Hoegemeyer	2763 E	E3	2.7	67.2	9.4	0	\$890	70.5	65.7	66.5	69.3
Genesis	G2550E	E3	2.5	66.9	9.4	5	\$887	76.5	64.5	63.3	72.9
Pioneer	P26T23E §	E3	2.6	66.9	9.4	0	\$886	70.8	61.5	67.6	71.5
Zinesto	Z3001E	E3	3.0	66.8	9.7	0	\$885	69.8	63.4	71.9	65.0
Channel	2622RFX GC	RXF	2.6	66.7	9.6	0	\$884	73.8	69.5	64.7	65.9
Zinesto	Z3303E	E3	3.3	66.6	9.9	0	\$882	61.2	67.5	64.1	68.2
NK Brand	NK29-Z4E3 §	E3	2.9	66.3	9.6	0	\$878	66.7	66.9	65.5	66.5
Zinesto	Z2603E	E3	2.6	66.2	9.6	10	\$877	79.8	66.5	64.1	68.0
NK Brand	NK27-A7XF	RXF	2.7	66.0	9.4	0	\$874	78.0	65.6	68.8	63.5
Stine	31EF23 GC	E3	3.1	65.7	9.4	3	\$871	73.0	58.9	69.8	68.5
Zinesto	Z2401E	E3	2.4	65.6	9.3	0	\$869	76.4	58.2	71.3	67.2
Dyna-Gro	S26XF42	RXF	2.6	65.4	9.3	0	\$867	79.6	64.5	64.7	67.1
Xitavo	XO 2963E	E3	2.9	65.4	9.9	4	\$867	60.9	67.3	66.4	62.5
Latham	L 2786 XF	RXF	2.7	65.3	9.5	0	\$866	73.7	63.6	66.0	66.4
Xitavo	XO 2472E	E3,ST	2.4	65.3	9.6	0	\$865	74.5	61.1	67.5	67.3
Averages =				64.7	9.5	1	\$857	71.6	63.2	64.8	66.0
LSD (0.10) =				3.8	0.2	4.4		3.8	3.1	5.6	2.3

*All-season test results rejected, not included in summary.



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

EARLY-SEASON TEST | MATURITY GROUP 1.6-2.0 | Top 30 of 42 tested Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Britt	Lu Verne	New Hampton	Osage
P3 Genetics	2320E	E3	2.0	71.9	9.3	5	\$953	75.4	71.8	70.9	69.6
Stine	17EE32 §	E3	1.7	70.3	9.7	0	\$932	74.8	69.3	63.1	74.2
NK Brand	NK19-T8E3S	E3,ST	1.9	69.9	9.4	0	\$926	76.4	68.3	60.9	74.0
Asgrow	AG18XF1 §	RXF	1.8	69.5	9.3	0	\$921	70.5	70.1	68.9	68.5
Apex	AE1930 GC	E3	1.9	69.4	9.4	3	\$920	69.5	69.5	73.5	65.2
Stine	15EE32 §	E3	1.5	69.3	9.6	1	\$919	69.6	68.2	69.1	70.4
FS HiSOY	HS 18E00	E3	1.8	69.0	9.2	1	\$915	65.3	74.5	65.1	71.3
Latham	L 1784 XF	RXF	1.7	68.7	9.3	0	\$911	72.7	73.9	61.2	67.3
Titan Pro	TP 20E22	E3	2.0	68.7	9.5	0	\$910	73.9	67.4	63.3	70.2
Asgrow	AG19XF3 §	RXF	1.9	68.5	9.2	0	\$907	78.2	62.4	65.0	68.3
NK Brand	NK19-D5XF §	RXF	1.9	68.3	9.5	0	\$905	70.3	71.6	64.0	67.3
FS HiSOY	HS 15E10	E3	1.5	68.3	9.6	1	\$904	71.0	71.4	60.3	70.3
Xitavo	XO 1632E	E3	1.6	68.0	9.6	0	\$901	69.3	70.8	60.3	71.7
Golden Harvest	GH1973E3S	E3,ST	1.9	67.8	9.6	2	\$899	66.7	71.3	62.7	70.5
Kruger	K1914XF	RXF	1.9	67.8	9.1	0	\$898	69.4	66.3	65.0	70.5
Latham	L 1947 E3	E3	1.9	67.6	9.4	0	\$896	73.5	62.6	61.7	72.6
NK Brand	NK20-B6E3S	E3,ST	2.0	67.4	9.4	2	\$894	70.5	69.3	66.6	63.4
Zinesto	Z2002E	E3	2.0	67.4	9.3	1	\$893	66.9	75.1	65.3	62.3
Zinesto	Z1702E	E3	1.7	67.1	9.4	5	\$889	64.2	71.5	62.7	70.0
P3 Genetics	2218E	E3	1.8	66.9	9.6	4	\$887	74.0	72.5	56.6	64.5
Xitavo	XO 1822E	E3	1.8	66.9	9.6	0	\$886	72.8	69.2	57.9	67.6
Golden Harvest	GH2083E3S §	E3,ST	2.0	66.6	9.4	5	\$883	70.1	69.3	65.6	61.4
Cornelius	CB18XF88	RXF	1.8	66.5	9.1	0	\$882	71.3	66.4	62.2	66.3
NuTech	16N04E	E3	1.6	66.5	9.4	0	\$881	70.6	66.3	59.4	69.7
Titan Pro	TP 18E22	E3	1.8	66.5	9.3	0	\$881	65.5	70.4	64.4	65.6
Kruger	K1804XF	RXF	1.8	66.4	9.1	1	\$880	70.2	64.8	62.9	67.8
NuTech	19N03E	E3	1.9	66.0	9.4	2	\$875	68.6	69.9	64.6	61.0
Apex	AE1630 GC	E3	1.6	66.0	9.6	0	\$874	72.2	64.6	61.7	65.3
Xitavo	XO 1761E	E3	1.7	65.4	9.1	0	\$866	71.8	63.7	61.8	64.1
Latham	L 2049 E3	E3	2.0	65.3	9.3	3	\$866	70.2	70.3	55.7	65.1
Croplan	CP2240XF CK	RXF	2.2	63.1	9.3	0	\$837	67.0	57.6	64.9	63.0
Averages =				66.5	9.4	1	\$881	69.0	66.9	62.9	67.1
LSD (0.10) =				3.4	0.2	2.6		3.9	4.2	2.8	3.0

FULL-SEASON TEST | MATURITY GROUP 2.1-2.5 | Top 30 of 40 tested Results in BOLD are significantly above test average.

Golden Harvest	GH2102XF	RXF	2.1	70.0	9.3	0	\$928	68.7	68.6	69.6	73.2
Genesis	G2550E	E3	2.5	69.4	9.6	4	\$920	77.1	69.4	64.5	66.6
Titan Pro	TP 25E22	E3	2.5	68.8	9.7	8	\$912	75.3	70.6	64.6	64.7
Genesis	G2270E	E3	2.2	68.3	9.4	0	\$905	70.2	67.2	68.0	67.7
FS HiSOY	HS 25E00	E3	2.5	68.2	9.4	8	\$904	76.7	61.5	66.1	68.6
Xitavo	XO 2181E	E3	2.1	67.7	9.4	0	\$898	69.2	70.7	66.8	64.2
NK Brand	NK23-T9XF §	RXF	2.3	67.3	9.5	6	\$893	75.6	63.9	63.3	66.6
Asgrow	AG21XF2 §	RXF	2.1	67.2	9.3	0	\$891	66.7	65.1	67.9	69.1
FS HiSOY	HS 21E20	E3	2.1	67.2	9.3	0	\$890	69.1	69.8	63.8	65.9
Zinesto	Z2401E	E3	2.4	66.6	9.6	3	\$883	71.2	72.9	63.8	58.7
P3 Genetics	2223E	E3	2.3	66.6	9.6	1	\$883	67.9	66.5	64.3	67.7
Xitavo	XO 2472E	E3,ST	2.4	66.3	9.6	4	\$879	74.3	63.8	61.6	65.6
Xitavo	XO 2323E	E3	2.3	66.2	9.3	3	\$876	65.6	68.6	62.3	68.1
NuTech	25N04E	E3	2.5	66.1	9.9	0	\$876	68.4	61.6	66.4	67.9
Stine	22EF23 §	E3	2.2	65.5	9.3	6	\$869	65.6	65.2	59.6	71.8
Genesis	G2570ES	E3,ST	2.5	65.3	9.4	1	\$865	66.9	69.2	63.0	62.0
Latham	L 2283 XF	RXF	2.2	65.1	9.6	2	\$863	65.6	65.8	60.8	68.3
Zinesto	Z2503E	E3	2.5	65.0	9.9	0	\$861	66.8	65.3	66.0	61.9
Kruger	K2594XF	RXF	2.5	64.9	9.9	0	\$860	65.9	64.7	60.5	68.5
FS HiSOY	HS 24F00	RXF,ST	2.4	64.8	9.9	0	\$858	65.1	60.1	63.6	70.2
Stine	23EE06 §	E3	2.3	64.5	9.4	2	\$855	67.7	67.2	60.5	62.8
Croplan	CP2520E GC	E3	2.5	64.5	9.6	3	\$855	70.9	70.5	58.4	58.2
Cornelius	CB23XF63	RXF	2.3	64.1	9.4	0	\$850	63.2	62.6	64.8	66.0
NuTech	24N04E	E3	2.4	64.1	9.5	1	\$849	66.0	65.7	63.7	61.0
Zinesto	Z2303E	E3	2.3	64.0	9.5	0	\$849	64.0	67.8	58.7	65.7
Kruger	K2294XF	RXF	2.2	63.9	9.7	2	\$847	62.4	58.4	63.0	71.7
Xitavo	XO 2282E	E3	2.2	63.8	9.5	0	\$845	68.5	61.3	62.6	62.8
Genesis	G2150E	E3	2.1	63.5	9.5	0	\$842	60.0	63.8	64.9	65.4
Asgrow	AG24XF3 §	RXF	2.4	63.4	9.5	0	\$840	69.0	59.8	63.2	61.5
Pioneer	P21T72E §	E3	2.1	62.8	9.3	0	\$833	63.4	60.9	63.4	63.7
Croplan	CP2240XF CK	RXF	2.2	62.6	9.4	0	\$829	64.6	57.3	65.3	63.0
Averages =				64.8	9.5	1	\$859	66.9	64.2	62.5	65.6
LSD (0.10) =				3.4	0.3	3.4		3.5	3.5	3.0	2.4

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

EARLY-SEASON TEST MATURITY GROUP 1.9-2.4 Top 30 of 35 tested								Results in BOLD are significantly above test average.			
Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Galva	Gillett Grove	Hartley	Sioux Center
NK Brand	NK23-T9XF	RXF	2.3	64.9	9.1	0	\$860	70.4	48.6	62.2	78.3
Stine	17EE32 §	E3	1.7	64.8	8.9	0	\$858	71.2	46.8	68.5	72.5
Xitavo	XO 2323E	E3	2.3	63.4	8.9	0	\$841	69.5	48.3	55.4	80.6
Golden Harvest	GH2083E3S	E3,ST	2.0	62.8	8.9	0	\$833	68.0	46.4	65.1	71.8
Latham	L 2049 E3	E3	2.0	61.7	8.8	0	\$818	65.7	40.5	67.4	73.2
FS HiSOY	HS 23E10	E3,ST	2.3	61.6	9.0	0	\$817	64.5	43.5	61.3	77.2
Xitavo	XO 1971E	E3	1.9	61.0	8.8	0	\$809	65.4	45.1	64.8	68.7
Zinesto	Z1902E	E3	1.9	60.8	8.8	0	\$806	62.4	44.4	68.9	67.6
NK Brand	NK19-D5XF §	RXF	1.9	60.8	8.7	0	\$806	65.8	44.5	63.4	69.5
FS HiSOY	HS 21E20	E3	2.1	60.6	9.0	0	\$803	69.2	40.3	63.3	69.6
Golden Harvest	GH2292E3 §	E3	2.2	60.2	8.7	0	\$798	65.6	41.5	58.1	75.7
Latham	L 1947 E3	E3	1.9	59.7	8.8	0	\$792	64.8	43.0	61.1	70.1
Stine	22EF23 §	E3	2.2	59.7	8.8	0	\$791	70.9	41.3	47.1	79.4
Xitavo	XO 2181E	E3	2.1	59.4	9.0	0	\$787	67.5	40.7	58.3	71.2
Kruger	K2294XF	RXF	2.2	59.3	9.0	0	\$787	68.5	41.8	51.2	75.9
Zinesto	Z2401E	E3	2.4	59.2	9.1	0	\$785	70.4	41.0	59.4	66.1
NK Brand	NK19-T8E3S	E3,ST	1.9	59.2	8.9	0	\$784	60.9	43.8	66.5	65.6
FS HiSOY	HS 21F20	RXF	2.1	59.2	9.0	0	\$784	66.0	44.6	61.1	65.0
Latham	L 2193 E3	E3	2.1	59.0	8.9	0	\$782	68.0	44.4	54.0	69.7
Zinesto	Z2303E	E3	2.3	59.0	9.0	0	\$782	69.5	38.4	52.5	75.7
Croplan	CP2240XF GC	RXF	2.2	58.9	8.9	0	\$781	64.3	40.4	60.8	70.1
Xitavo	XO 2472E	E3,ST	2.4	58.9	9.0	0	\$780	71.0	43.8	40.2	80.4
Pioneer	P20T64E §	E3	2.0	58.8	8.9	0	\$780	64.2	36.9	64.0	70.2
Hoegemeyer	1903 E	E3	1.9	58.5	8.8	0	\$775	61.6	45.1	62.1	65.0
Kruger	K1914XF	RXF	1.9	58.3	8.8	0	\$772	62.8	46.1	56.2	68.0
Titan Pro	TP 20E22	E3	2.0	57.1	8.9	0	\$757	61.7	42.1	55.4	69.2
FS HiSOY	HS 24F00	RXF,ST	2.4	57.1	9.3	0	\$756	67.6	47.0	43.1	70.6
Hoegemeyer	2123 E	E3	2.1	56.8	8.8	0	\$753	62.8	41.6	54.7	68.1
Asgrow	AG24XF3 §	RXF	2.4	56.7	8.9	0	\$751	65.6	38.8	52.5	69.9
Zinesto	Z2101G	LLGT27	2.1	56.3	9.0	0	\$746	63.4	42.6	53.2	65.9
Croplan	CP2520E CK	E3	2.5	60.6	8.9	0	\$803	65.7	44.9	63.2	68.7
Averages =				59.1	8.9	0	\$783	65.5	42.5	57.4	70.8
LSD (0.10) =				4.5	0.2	ns		2.6	2.5	5.7	2.7
FULL-SEASON TEST MATURITY GROUP 2.5-2.8 Top 30 of 30 tested								Results in BOLD are significantly above test average.			
Hoegemeyer	2763 E	E3	2.7	62.5	8.9	0	\$828	69.3	49.8	65.5	65.3
Stine	26EC32 §	E3	2.6	61.2	9.9	0	\$812	66.2	48.6	60.3	69.9
Asgrow	AG27XF3 §	RXF	2.7	60.1	9.9	0	\$797	75.3	42.2	62.5	60.6
Kruger	K2604XF	RXF	2.6	59.2	9.3	0	\$784	64.9	49.0	58.3	64.6
FS HiSOY	HS 27F20	RXF	2.7	58.9	9.2	0	\$780	68.2	39.6	64.7	63.0
Xitavo	XO 2501E	E3	2.5	58.8	8.9	0	\$780	66.2	44.1	63.1	62.0
NK Brand	NK25-C9XF §	RXF	2.5	58.8	8.9	0	\$779	69.0	48.2	57.6	60.4
Kruger	K2793XF	RXF	2.7	58.6	9.5	0	\$776	66.6	46.2	55.2	66.4
Latham	L 2786 XF	RXF	2.7	58.5	9.7	0	\$776	68.4	39.2	60.8	65.7
Golden Harvest	GH2653XF	RXF	2.6	58.5	8.9	0	\$775	68.2	44.9	58.0	62.8
Zinesto	Z2603E	E3	2.6	58.2	9.3	0	\$772	66.9	40.2	58.5	67.3
Stine	26EF23 §	E3	2.6	58.2	9.4	0	\$770	69.1	38.2	60.3	64.9
Latham	L 2638 E3	E3	2.6	58.0	9.5	0	\$769	66.7	42.8	58.0	64.7
Pioneer	P26T23E §	E3	2.6	57.9	9.1	0	\$768	67.3	37.9	59.7	66.9
Pioneer	P26T57E §	E3	2.6	56.9	9.3	0	\$753	65.8	42.2	54.1	65.3
Kruger	K2594XF	RXF	2.5	56.8	9.2	0	\$753	67.4	45.7	51.8	62.3
Zinesto	Z2700E	E3	2.7	56.5	9.4	0	\$749	68.2	39.3	58.5	59.9
Latham	L 2894 E3	E3	2.8	56.3	9.5	0	\$746	60.8	38.1	63.8	62.4
FS HiSOY	HS 26F20	RXF	2.6	56.2	9.6	0	\$745	69.4	34.4	54.6	66.4
Zinesto	Z2503E	E3	2.5	56.1	9.0	0	\$744	67.3	36.3	58.0	63.0
FS HiSOY	HS 26E20	E3	2.6	56.0	9.3	0	\$741	68.9	38.6	56.9	59.4
Xitavo	XO 2613E	E3	2.6	55.7	9.1	0	\$738	62.5	39.3	55.1	66.0
Golden Harvest	GH2722XF §	RXF	2.7	55.7	9.3	0	\$737	67.1	38.9	57.6	59.0
Xitavo	XO 2832E	E3	2.8	55.4	10.0	0	\$734	64.9	42.1	45.9	68.6
Asgrow	AG26XF3 §	RXF	2.6	55.3	9.5	0	\$733	67.3	29.9	60.9	63.1
Hoegemeyer	2831 E GC	E3	2.8	54.7	10.6	0	\$725	67.2	37.1	46.1	68.6
FS HiSOY	HS 28F20	RXF,ST	2.8	54.4	9.6	0	\$721	66.6	39.2	53.8	58.1
Kruger	K2816XF	RXF	2.8	53.0	9.4	0	\$702	66.5	36.3	48.9	60.1
Hoegemeyer	2553 E	E3	2.5	51.9	9.2	0	\$688	66.3	35.3	41.9	64.2
Croplan	CP2520E CK	E3	2.5	60.4	9.0	0	\$800	66.2	46.0	62.0	67.3
Averages =				57.3	9.4	0	\$759	67.2	41.0	57.1	63.9
LSD (0.10) =				3.7	0.4	ns		1.9	2.8	4.5	3.1

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

EARLY-SEASON TEST | MATURITY GROUP 2.1-2.5 | Top 30 of 34 tested Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Iowa Falls	Laurens	Moorland	Waterloo
Titan Pro	TP 25E22	E3	2.5	72.7	10.1	1	\$963	78.1	74.9	63.2	74.5
Asgrow	AG21XF2 §	RXF	2.1	71.5	10.2	0	\$948	75.9	65.6	67.8	76.8
NK Brand	NK25-C9XF §	RXF	2.5	69.0	9.9	0	\$915	74.1	68.6	62.2	71.2
FS HiSOY	HS 25E00	E3	2.5	68.6	10.0	2	\$909	74.9	68.3	56.5	74.7
Stine	23EE06 §	E3	2.3	68.0	10.6	0	\$902	70.8	66.8	63.2	71.4
Stine	22EF23 §	E3	2.2	67.4	10.2	2	\$894	77.1	68.1	62.4	62.2
Kruger	K2294XF	RXF	2.2	67.4	10.3	0	\$893	66.5	66.7	62.8	73.5
Latham	L 2283 XF	RXF	2.2	66.8	10.2	0	\$885	69.4	65.6	56.5	75.6
Xitavo	XO 2501E	E3	2.5	66.7	10.2	0	\$884	70.5	70.3	59.1	67.1
NK Brand	NK23-T9XF	RXF	2.3	66.5	10.2	0	\$881	71.4	69.5	58.8	66.2
Genesis	G2550E	E3	2.5	66.3	10.3	5	\$879	69.3	68.3	58.1	69.6
Golden Harvest	GH2313XF	RXF	2.3	66.3	10.1	0	\$878	66.7	69.9	59.9	68.6
NK Brand	NK20-B6E3S	E3,ST	2.0	66.2	10.2	4	\$877	67.3	71.8	60.0	65.7
Genesis	G2570ES	E3,ST	2.5	66.2	10.0	2	\$877	72.4	71.0	55.5	65.8
Latham	L 2458 E3	E3	2.4	66.0	10.5	2	\$875	66.8	69.2	60.0	68.1
Latham	L 2494 XF	RXF	2.4	66.0	10.3	0	\$874	66.2	70.3	56.8	70.5
FS HiSOY	HS 25F10	RXF,ST	2.5	65.9	10.2	0	\$873	69.3	70.2	53.2	70.9
NuTech	24N04E	E3	2.4	65.8	10.1	0	\$872	72.5	67.6	59.4	63.8
Hoegemeyer	2123 E	E3	2.1	65.5	10.5	0	\$867	66.0	70.6	51.4	73.9
Golden Harvest	GH2292E3 §	E3	2.2	65.1	10.0	1	\$863	73.8	66.5	55.9	64.2
P3 Genetics	2223E	E3	2.3	64.8	10.5	3	\$859	66.0	68.1	53.7	71.6
Xitavo	XO 2472E	E3,ST	2.4	64.7	10.4	7	\$858	64.5	70.5	56.0	67.9
Xitavo	XO 2323E	E3	2.3	64.7	10.1	0	\$857	67.6	69.5	56.2	65.4
Hoegemeyer	2553 E	E3	2.5	64.7	10.2	0	\$857	72.4	68.1	55.3	62.9
NuTech	21N07E	E3	2.1	64.3	10.2	0	\$853	67.5	64.4	52.5	73.0
Cornelius	CB25XF99	RXF	2.5	63.5	10.3	2	\$842	67.9	64.9	53.6	67.7
Latham	L 2193 E3	E3	2.1	63.5	10.2	2	\$842	70.8	63.5	57.0	62.8
Kruger	K2594XF	RXF	2.5	63.5	10.2	2	\$842	68.6	68.3	52.0	65.2
FS HiSOY	HS 23E10	E3,ST	2.3	63.4	10.4	2	\$840	73.4	64.4	51.3	64.4
Asgrow	AG24XF3 §	RXF	2.4	63.3	10.2	3	\$840	64.6	61.8	54.8	72.2
Croplan	CP2520E CK	E3	2.5	66.7	10.2	2	\$883	75.3	69.5	57.0	64.8
Averages =				65.8	10.2	1	\$872	69.8	68.0	57.3	68.2
LSD (0.10) =				3.3	0.1	2.5		3.6	2.3	3.0	3.4

FULL-SEASON TEST | MATURITY GROUP 2.6-2.9 | Top 30 of 42 tested Results in BOLD are significantly above test average.

NuTech	27N03E	E3	2.7	69.2	10.3	0	\$917	71.9	72.8	63.8	68.2
NuTech	29N02E	E3	2.9	68.9	10.4	2	\$913	70.6	70.9	58.6	75.6
Hoegemeyer	2763 E	E3	2.7	68.8	10.3	0	\$912	68.2	74.8	64.5	67.8
Asgrow	AG27XF3 §	RXF	2.7	68.1	10.8	0	\$902	70.5	66.4	61.3	74.1
Asgrow	AG28XF3 §	RXF	2.8	67.8	9.9	0	\$898	74.5	66.3	56.8	73.6
Hoegemeyer	2831 E §	E3	2.8	67.7	10.6	0	\$897	71.4	70.2	58.9	70.3
Pioneer	P26T23E §	E3	2.6	67.6	10.1	0	\$895	75.0	69.3	56.8	69.1
Golden Harvest	GH2653XF §	RXF	2.6	67.5	10.3	0	\$894	72.8	66.9	62.6	67.6
Xitavo	XO 2832E	E3	2.8	66.9	10.7	0	\$887	66.7	67.9	66.1	67.1
Genesis	G2960E	E3	2.9	66.6	10.7	0	\$883	66.6	68.7	63.6	67.6
Pioneer	P29T37E §	E3	2.9	66.6	10.2	3	\$882	72.4	68.0	57.4	68.4
P3 Genetics	2229E	E3	2.9	66.4	10.7	0	\$879	69.4	69.4	57.6	69.0
P3 Genetics	2326E	E3	2.6	66.3	10.5	2	\$879	68.8	70.6	60.0	66.0
Xitavo	XO 2921E	E3	2.9	65.9	11.1	0	\$874	74.4	64.3	58.6	66.4
Xitavo	XO 2963E	E3	2.9	65.8	10.7	0	\$872	71.3	69.1	60.8	62.0
Latham	L 2894 E3	E3	2.8	65.2	10.4	1	\$864	71.2	67.0	56.5	66.1
Zinesto	Z2603E	E3	2.6	65.2	10.4	0	\$864	68.8	69.0	58.9	64.0
NuTech	26N06E	E3	2.6	65.1	10.3	1	\$862	67.5	69.9	58.6	64.4
FS HiSOY	HS 26E20	E3	2.6	64.8	10.5	2	\$859	67.5	67.9	58.5	65.4
Cornelius	CB29XF35	RXF	2.9	64.8	10.4	3	\$858	69.7	61.4	53.8	74.1
Renk	RS2-271E	E3	2.7	64.6	10.3	0	\$856	66.4	66.3	60.7	65.1
P3 Genetics	1928E GC	E3	2.8	64.6	10.4	0	\$856	69.6	72.4	49.7	66.8
Pioneer	P26T57E §	E3	2.6	63.9	10.2	0	\$846	62.6	67.1	62.7	63.1
NK Brand	NK29-Z4E3 §	E3	2.9	63.8	10.5	1	\$845	68.3	65.9	59.8	61.1
Stine	26EF23 §	E3	2.6	63.6	10.6	0	\$843	65.6	68.4	57.8	62.8
Zinesto	Z2700E	E3	2.7	63.3	10.4	1	\$839	68.5	65.6	49.8	69.2
FS HiSOY	HS 26F20	RXF	2.6	63.2	10.2	0	\$837	62.1	64.0	58.8	67.8
Zinesto	Z2902E	E3	2.9	63.1	10.8	0	\$837	60.2	63.8	59.0	69.5
Kruger	K2604XF	RXF	2.6	62.8	10.4	0	\$832	67.7	66.2	54.9	62.3
Stine	26EC32 §	E3	2.6	62.7	10.5	0	\$830	57.3	68.9	61.6	62.9
Croplan	CP2520E CK	E3	2.5	64.0	10.3	0	\$848	65.3	69.8	57.4	63.5
Averages =				64.4	10.5	1	\$853	66.4	66.8	57.7	66.5
LSD (0.10) =				3.4	0.3	1.3		4.3	2.3	2.4	2.9

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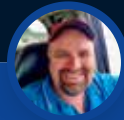
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