first TRIALS

INDEPENDENT CORN AND SOYBEAN YIELD TESTING

Southern Iowa Edition

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FIRST CCB, Inc.
IASC, IAWC, IAEC and IASO Corn and Soybeans

2023 Performance Summary

first farmers' independent research of seed technologies

www.firstseedtests.com

FIRST Testing Methodology and Procedures

TESTING PROGRAM

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

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

Figure 1
FIRST Corn Regions

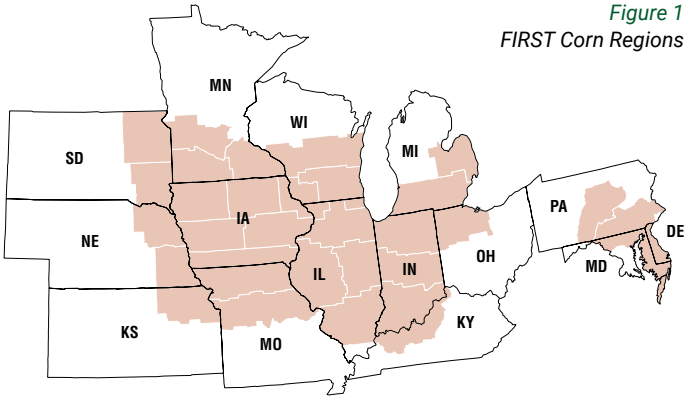
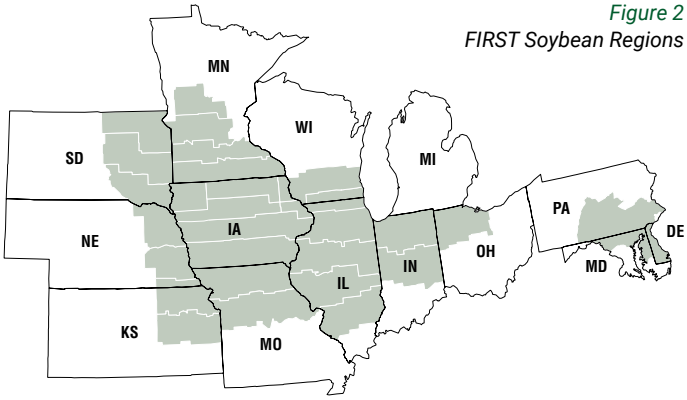


Figure 2
FIRST Soybean Regions



Test locations are selected to represent the geographic diversity within a region. Ideal sites have uniform, well-drained soils where farmer hosts use standard production practices for the area. Typically, all tests at a location are conducted adjacent to each other to minimize yield variance between tests.

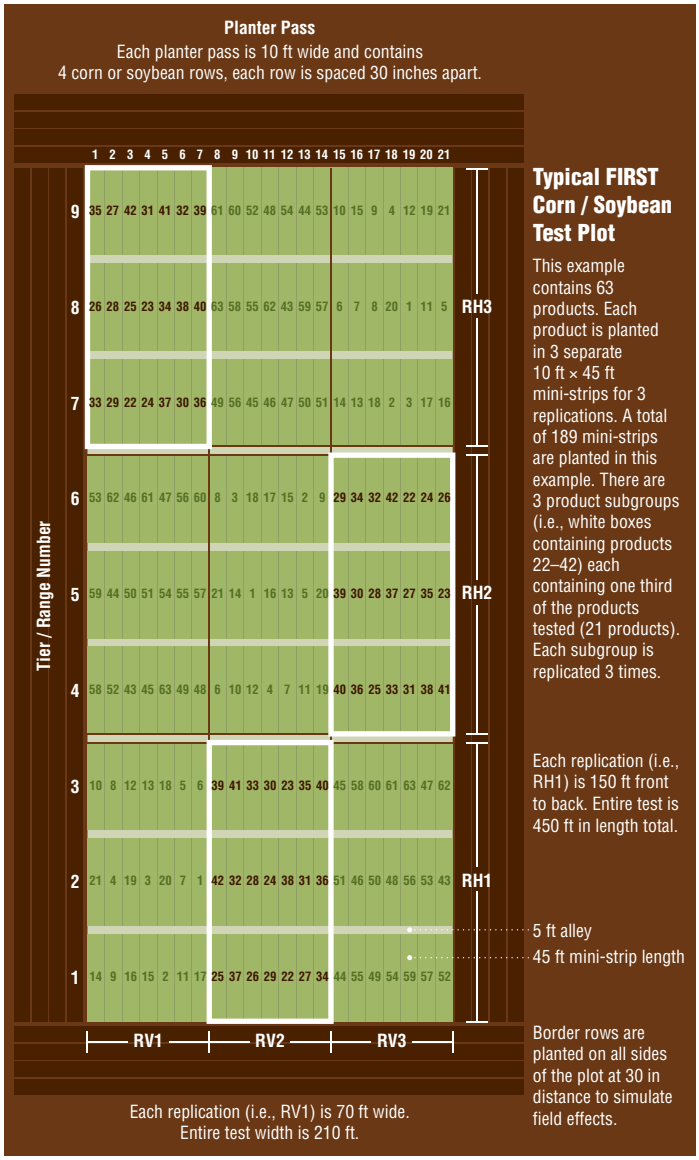
Seed companies and/or seed distributors are invited to submit their most promising seed products within specified test maturity limits to desired test regions. They provide high-quality seed from commercial lots and fees to enter FIRST tests. The only exceptions are check products (CK after product names, i.e. A1234 CK), chosen by FIRST Managers to bridge results between early- and full-season tests, and Grower Comparison products (GC after the product name), often provided by host farmers for their knowledge as test space permits.

Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to side. This provides more precision in yield measurement and flexibility should a disruptive event (i.e., standing water) require elimination of non-uniform test areas.

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

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

Figure 3 FIRST Test Plot Layout



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PERFORMANCE SUMMARIES

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

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

In both reports, products are first ranked by Gross Income ($/A). The 30 highest ranked Gross Income ($/A) products are sorted by Yield (Bu/A) for public presentation. Nearly all tests include more than 30 products but only the Top 30 products are reported.

Figure 4 Corn Grain Performance Summary

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

Company/Brand	Product/Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Gross Income Rank	Fox Lake	Oxford	Plover	Ripon	Yorkville
DAIRYLAND	DS-3810Q	QR,B	98	**230.2**	18.3	1	$784	4	**264.6**	230.8	165.2	216.1	**274.5**
FEDERAL	4880 VT2PRIB	VT2PB	98	**229.4**	16.3	1	$794	1	**261.3**	228.1	**180.0**	**245.8**	231.8
HEFTY	H4322VT2PRIB	VT2PB	93	**229.2**	17.0	1	$788	2	243.5	236.0	**201.3**	220.9	244.1
DAIRYLAND	DS-3550AM	AM,B	95	**227.8**	17.4	1	$781	7	**259.3**	**242.4**	**179.5**	223.0	235.0
JUNG	470P429	VT2PB	97	**227.7**	16.9	1	$782	5	**269.1**	**252.1**	146.2	222.6	**248.5**
NORTHSTAR	NS 98-513 STXRIB	STX,B	98	**227.2**	16.7	2	$782	6	250.4	**254.9**	**174.4**	213.6	242.6
THUNDER	T6098 VT2P	VT2PB	98	**225.5**	17.1	1	$775	8	251.0	232.9	164.4	**234.4**	244.6
PIONEER	P9608Q GC	QR,B	96	224.3	17.0	1	$771	10	**257.9**	230.5	**176.7**	222.7	234.0
THUNDER	T6996 VT2P	VT2PB	96	223.9	16.7	1	$772	9	248.3	238.2	153.9	**226.0**	**253.3**
HEFTY	H4542VT2P	VT2P	95	223.1	16.1	1	$771	11	**257.8**	238.4	155.4	215.3	**248.3**
LATHAM	LH 4657 VT2P RIB	VT2PB	96	222.6	16.8	1	$767	12	**264.9**	236.2	153.5	222.5	236.1
HEFTY	H4612VT2PRIB	VT2PB	96	222.3	16.6	1	$766	13	252.9	**243.9**	150.5	**235.9**	228.0
INTEGRA	4601 VT2P	VT2P	96	222.2	16.8	2	$765	14	244.1	231.6	152.8	**234.1**	**248.2**

Figure 5 Soybean Performance Summary

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

Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income ($/A)	Arlington	Oregon	Postville	Watertown
CREDENZ	CZ 2121GTLL GC	LLGT27	2.1	**68.8**	11.1	6	$619	**72.8**	61.8	**73.9**	**66.8**
FS HISOY	HS 24X80	RRX	2.4	**67.6**	10.8	7	$609	**68.1**	**70.5**	67.1	**64.8**
GENESIS	G2190GL	LLGT27	2.1	**67.5**	10.9	8	$607	**73.0**	61.7	**73.7**	61.6
GOLDEN HARVEST	GH2230X	RRX	2.2	66.8	11.0	6	$602	64.7	**66.9**	70.4	**65.3**
TITAN PRO	2.20E+09	E3	2.2	66.7	11.3	9	$600	65.3	62.4	**72.5**	**66.5**
PIONEER	P23A15X U	RRX	2.3	66.6	11.0	8	$600	**67.9**	63.4	65.7	**69.5**
CREDENZ	CZ 2040GTLL GC	LLGT27	2.0	66.4	10.8	6	$598	**71.7**	**65.8**	69.5	58.7
GENESIS	G2550E	E3	2.5	66.4	11.1	8	$598	**70.3**	62.8	68.9	63.7
LATHAM	L 2549 R2X	RRX	2.5	66.1	10.8	7	$595	**70.6**	**64.9**	67.3	61.5
LATHAM	L 2295 R2X	RRX	2.2	65.9	10.6	9	$594	**69.2**	62.9	70.4	61.2
GENESIS	G2350E	E3	2.3	65.8	11.1	8	$592	64.0	**64.2**	67.9	**67.1**
DAIRYLAND	DSR-2590E	E3	2.5	65.8	11.6	12	$592	62.4	**68.2**	69.4	63.1
ASGROW	AG20X9 U	RRX	2.0	65.7	10.9	12	$591	67.6	62.0	67.0	**66.2**

PERFORMANCE MEASUREMENTS

A **Yield (Bu/A)** — Harvested grain weight and grain moisture are used to convert yield results to bushels per acre at 15% moisture (base moisture) for corn and 13% moisture for soybean. Grain shrinkage is additionally applied to product yields exceeding the base moisture.

B **Moisture (%)** — A calibrated electronic sensor measures moisture content of harvested grain.

C **Lodging (%)** — Estimated percentage of corn plants leaning more than 45° from vertical or stalks broken below the ear at harvest. Encompasses both stalk and root lodging. Estimated soybean plant leaning (0% = all plants vertical, 100% = all plants flat on the ground).

D **Gross Income ($/A)** — Harvested crop value in dollars per acre is derived by multiplying crop yield and price per bushel minus drying costs, if any, to reach base moisture. Each Harvest Report and Performance Summary details specific crop price and drying costs.

E **Gross Income Rank** — Gross Income values are sorted from high to low then numbered consecutively (1, 2, 3…) from highest to lowest value. Ties are broken based on higher yield, lower lodging and lower moisture values.

STATISTICS REPORTED

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

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

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

OTHER INFORMATION

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

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

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

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

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

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

TECHNOLOGY CODE LEGEND

Product Suffix Key

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

Corn Seed Technology Key

CODE	DESCRIPTION
3010	Agrisure® 3010 (GT,CB,LL), formerly GT/CB/LL
3011	Agrisure® 3011 (CB,RW,LL,GT)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
A	Agrisure® Artesian®
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AT	Agrisure® Total (CB,HXX,RW,LL,GT), formerly Agrisure® 3122
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax® 1 (HXT,LL,RR2)
AML	Optimum® AcreMax® Leptra (Vip,YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax®TRIsect
AQ	Optimum® AQUAmax®
CONV	conventional corn
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
DVZ	DuracadeViptera™ Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade® 5332
DG	DroughtGard®
E	Enlist™ (2,4-D, glyphosate, fop tolerance)
GT	Agrisure® GT
GTA	Agrisure® GTA
PC	PowerCore® (HX,VT2P)
PCE	PowerCore® Enlist® (HX,VT2P, 2,4-D)
QR	Qrome®
RR2	Roundup Ready® 2 Corn
STX	SmartStax® (VT3P,HXX)
STXP	SmartStax® PRO (VT3P,HXX)
TRE	Trecepta®
VT2P	VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

Soybean Seed Technology Key

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

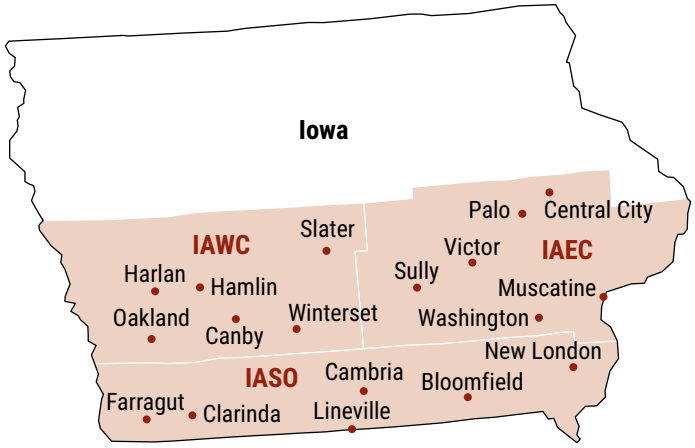
Soybean Cyst Nematode (SCN) Resistance Rating

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

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

PRODUCTS TESTED

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



Site Description: IAWC *(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
Canby	Scott Steele	silty clay loam	no-till	soybeans	164	May 12	Oct 31	32.7	258	–	new site
Hamlin	Brian Jensen	silty clay loam	no-till	soybeans	160	May 11	Oct 25	34.1	238.9	276.5	3
Harlan	David Reinig	silty clay loam	no-till	soybeans	174	May 5	Oct 24	33.1	255.7	–	new site
Oakland	Mark & Keith Bentley	silty clay loam	no-till	soybeans	180	April 26	Oct 22	33.7	248.7	225.9	14
Slater	Jason Krause	clay loam	conventional	soybeans	160	May 4	Nov 1	32.4	223.9	205.9	18
Winterset	Mike Erdman	silty clay loam	minimum	soybeans	140	May 13	Oct 23	31.7	239.7	193.2	15
									IAWC	**209.7**	**24**

Site Description: IAEC *(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
Central City	Jim Greif	silty clay loam	no-till	soybeans	175	May 1	Nov 06	31.1	213.4	207.2	21
Muscatine	Diaan Roos	silty clay loam	no-till	corn	190	May 3	Sep 30	30.6	265	221.8	13
Palo	Jason Kwapil	loam	minimum	soybeans	175	April 29	Nov 5	32.8	162.8	203.3	12
Sully	Lawrence & Mike Van Zee	silty clay loam	no-till	soybeans	154	April 29	Oct 18	32	277.6	227	13
Victor	Dan DeRycke	silt loam	minimum	soybeans	281	May 10	Nov 4	34.3	260.4	230.1	16
Washington	Tom Vittetoe	silty clay loam	no-till	soybeans	89	May 02	Oct 01	32.3	267.1	220.6	21
									IAEC	**212.8**	**24**

Site Description: IASO *(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
Bloomfield	David & Ray Boas	silt loam	minimum	soybeans	158	April 14	Sep 22	29.7	218.5	209	6
Cambria	Dan Allred	silt loam	conventional	soybeans	200	April 27	Oct 19	33.3	246.1	217.7	6
Clarinda	Mike & Ben Vardaman	silty clay loam	no-till	soybeans	177	April 27	Oct 28	32.7	238.4	204.6	9
Farragut	Steve Lorimor	silt loam	minimum	soybeans	165	April 26	Sep 21	33.6	219.5	224.8	13
Lineville	Bradley Vogel	silt loam	no-till	soybeans	148	Apr 28	Nov 02	33.6	254.5	204.2	9
New London	Bradley Dodds	sandy clay loam	no-till	soybeans	188	May 3	Nov 3	31.3	251.3	248.8	3
									IASO	**221.6**	**7**

CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2019–2023

	Average Yield by Year (Bu/A)					Since Inception	
FIRST Region	2023	2022	2021	2020	2019	Bu/A	#Years
IAWC	244.3	221.0	263.2	228.1	238.0	209.7	24
IAEC	239.9	246.5	245.8	225.6	232.6	212.8	24
IASO	238.0	211.6	241.6	222.0	201.4	221.6	7

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

Corn Results: IAWC *(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	Canby	Hamlin	Harlan	Oakland	Slater	Winterset
Channel	209-89STXRIB GC	STX	109	**259.6**	15.5	1	$1,282	1	**296.8**	245.3	256.8	244.3	**253.4**	**260.9**
Kruger	K0915DD	VT2PDG	109	**256.6**	15.0	1	$1,270	2	258.4	**264.8**	**272.7**	**249.8**	**248.5**	245.2
Brevant	B10Y21Q GC	QR	110	**254.8**	15.3	2	$1,260	3	**276.9**	**249.4**	**275.0**	246.6	228.8	**252.2**
Wyffels	W5406	VT2P	108	253.4	15.6	1	$1,250	5	260.1	**258.4**	255.4	249.6	237.4	**259.6**
Renk	RK773TRE	TRE	109	253.1	15.1	1	$1,252	4	261.9	243.6	**264.0**	243.2	**246.4**	**259.7**
FS InVision	FS 6025X RIB	STX	110	252.2	15.7	2	$1,244	8	257.0	**268.2**	257.4	239.6	223.2	**267.9**
Kruger	K0957SP	STXP	109	251.8	15.1	1	$1,246	6	**267.1**	241.1	**264.6**	247.6	244.2	246.1
Integra	5802 VT2PRIB	VT2P	108	251.4	14.9	1	$1,246	7	**266.5**	241.0	261.4	241.2	**253.7**	244.9
Brevant	B08R32AM GC	AM	108	251.2	15.1	1	$1,244	9	**263.5**	**249.0**	245.0	**257.6**	**248.0**	244.4
Renk	RK766SSPRO	STXP	109	250.9	15.1	1	$1,242	10	**266.7**	**266.3**	229.0	236.9	234.1	**272.6**
Integra	6061 STXRIB	STX	110	249.5	16.0	1	$1,227	14	**275.6**	236.6	258.6	238.4	**245.8**	242.0
Hoegemeyer	7843AM	AM	108	249.4	15.1	1	$1,234	12	**278.5**	235.6	246.9	242.0	**255.9**	237.3
Wyffels	W6215	TRE	109	248.8	15.1	1	$1,231	13	**272.4**	238.7	244.3	**264.8**	223.6	**248.8**
FS InVision	FS 5835V RIB	VT2P	108	247.2	15.4	1	$1,221	15	257.9	230.5	**274.8**	240.9	228.1	**251.4**
Integra	CXINT108VT	VT2P	108	246.7	15.1	1	$1,221	16	257.3	223.7	**271.6**	**259.3**	227.6	241.0
Hefty	H5862	VT2P	108	245.6	15.4	1	$1,212	19	261.0	225.9	238.2	**254.3**	**254.9**	239.2
LG Seeds	LG58C48VT2PRIB	VT2P	108	245.3	15.4	2	$1,213	17	257.3	235.6	253.7	**254.8**	236.1	234.3
Brevant	B05C33Q GC	QR	105	244.8	14.9	1	$1,212	18	247.5	244.6	261.1	239.6	229.0	**247.2**
FS InVision	FS 5935X RIB	STX	109	243.8	15.6	2	$1,202	20	**267.5**	226.7	250.8	241.0	232.7	243.9
Hefty	H5952	VT2P	109	243.4	15.6	2	$1,201	21	261.2	219.4	256.9	**255.5**	220.5	246.8
Kruger	K0858DP	VT2P	108	242.9	15.2	1	$1,201	22	251.8	238.2	254.1	235.0	224.3	**254.1**
Golden Harvest	G10B61-AA	AA	110	242.6	15.4	1	$1,198	24	241.2	233.8	**267.3**	230.6	**251.0**	231.6
Kruger	K0783DP	VT2P	107	242.4	14.9	1	$1,200	23	230.6	242.2	259.1	246.2	235.3	241.3
Midwest Genetics	08-06VT2PRIB GC	VT2P	108	242.4	15.5	1	$1,198	25	257.9	229.8	**269.0**	230.2	228.3	239.2
Wyffels	W5019	STXP	107	239.6	15.1	1	$1,186	27	242.3	231.0	261.3	227.9	**245.0**	230.1
Wyffels	W5086RIB	VT2P	107	239.5	14.9	1	$1,186	26	255.0	224.6	250.1	248.5	**247.6**	211.0
Hoegemeyer	7858AM	AM	108	239.3	15.1	1	$1,185	28	232.0	238.0	248.5	244.9	235.7	236.7
Renk	RK720TRE	TRE	106	238.2	14.6	1	$1,181	29	236.1	236.6	244.3	249.4	241.3	221.5
Channel	206-16SSPRIB GC	STXP	106	236.1	15.0	1	$1,168	31	239.5	226.9	246.6	230.9	235.0	237.5
Renk	RK707TRE	TRE	105	236.0	14.7	2	$1,170	30	261.4	237.4	248.8	233.4	233.2	202.0
DeKalb	DKC111-35RIB CK	VT2P	111	250.6	15.7	2	$1,236	11	**275.4**	234.8	250.6	248.7	238.5	**255.8**
Averages =				244.9	15.2	1	$1,211		256.3	238.0	254.9	243.5	236.7	240.2
LSD (0.10) =				8.9	0.3	0.7			6.1	8.8	6.7	6.1	8.2	6.8

FULL-SEASON TEST 111–115 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	Canby	Hamlin	Harlan	Oakland	Slater	Winterset
Kruger	K1562DT	TRE	115	**253.5**	16.6	2	$1,241	3	**270.6**	**256.0**	252.1	**268.1**	210.5	**263.7**
FS InVision	FS 6395VDG RIB	VT2PDG	113	**253.3**	16.2	1	$1,244	1	**268.0**	226.8	264.1	**275.7**	**240.1**	245.4
FS InVision	FS 6432P RIB	STXP	114	**253.2**	16.3	1	$1,242	2	**281.8**	221.9	**275.5**	251.6	**225.2**	**263.0**
Wyffels	W6886	VT2P	111	**253.0**	16.6	1	$1,239	4	**276.4**	**260.8**	**274.4**	**272.0**	205.4	228.9
FS InVision	FS 6595V RIB	VT2P	115	252.5	16.8	1	$1,235	5	**278.4**	226.4	259.5	**268.0**	**230.1**	**252.8**
Integra	6493 VT2PRIB	VT2P	114	249.6	16.8	1	$1,221	8	261.1	237.9	250.8	**261.7**	**229.5**	**256.8**
Kruger	K1139SS	STX	111	249.2	16.4	2	$1,221	6	**270.2**	241.7	**270.2**	252.3	201.8	**258.8**
Hoegemeyer	8576AM	AM	115	247.6	16.4	1	$1,214	10	249.1	242.0	255.5	256.5	**229.7**	**252.7**
Renk	RK876VT2P	VT2P	113	247.5	16.3	1	$1,215	9	253.4	238.5	**279.4**	256.1	205.7	**252.0**
Wyffels	W8086	VT2P	114	247.2	16.9	3	$1,207	13	263.0	233.0	259.0	254.9	211.8	**261.5**
Kruger	K1364DT	TRE	113	247.2	16.5	4	$1,211	11	260.9	235.1	**267.0**	244.4	214.9	**260.6**
Wyffels	W7759	STXP	113	245.7	16.4	1	$1,205	15	**284.7**	**257.2**	**266.4**	250.4	195.0	220.5
Renk	RK958VT2P	VT2P	115	245.6	16.5	1	$1,203	16	246.8	232.7	**266.5**	**273.5**	**223.6**	230.6
FS InVision	FS 6306T RIB	TRE	113	245.5	16.2	1	$1,205	14	**286.0**	**253.8**	253.9	255.6	178.6	244.8
Wyffels	W7048	STX	111	245.4	16.5	1	$1,202	17	265.1	250.6	263.1	239.2	202.6	**251.9**
Hefty	H6355	TRE	113	245.4	15.8	1	$1,208	12	253.9	**258.4**	261.1	248.7	216.0	234.2
Integra	6588 VT2PRIB	VT2P	115	244.6	17.4	1	$1,190	21	250.4	239.3	259.8	251.6	214.3	**252.4**
Hefty	H6244	STX	112	244.0	16.6	2	$1,194	20	255.3	235.0	251.9	245.9	**237.1**	238.8
Epley	E2215SS	STX	112	243.6	16.4	1	$1,195	19	257.4	248.5	247.1	**259.8**	**221.6**	227.2
Integra	6342 TRERIB	TRE	113	243.5	15.9	1	$1,199	18	264.8	238.6	255.1	257.8	209.3	235.3
Kruger	K1460DT	TRE	114	242.1	16.7	2	$1,184	23	252.0	247.1	257.5	256.3	194.3	245.8
Renk	RK811PWE	PCE	111	241.3	16.2	1	$1,185	22	259.5	221.9	263.5	239.1	**224.1**	239.9
Hoegemeyer	8125AM	AM	111	240.0	16.0	1	$1,180	24	247.3	236.1	248.7	256.4	**227.7**	223.5
Hoegemeyer	8110AM	AM	111	239.7	16.0	1	$1,179	25	249.1	**257.1**	256.2	251.8	204.1	220.1
Dyna-Gro	D53VC54RIB	VT2P	113	238.5	16.7	1	$1,166	26	257.7	227.3	**275.1**	246.4	192.8	231.9
Golden Harvest	G15J91-V	V	115	238.4	16.8	1	$1,165	28	232.7	239.6	253.0	**266.7**	**228.2**	209.9
Golden Harvest	G13B17-AA	AA	113	237.2	16.1	1	$1,165	27	246.4	241.0	246.9	230.6	**223.7**	235.0
Wyffels	W7945RIB	TRE	114	236.0	16.2	1	$1,158	30	258.6	232.1	242.2	246.6	199.8	236.8
FS InVision	FS 6217T RIB	TRE	112	236.0	16.0	1	$1,161	29	258.3	236.3	234.8	251.8	198.4	236.4
Dyna-Gro	D53TC23RIB	TRE	113	235.1	15.9	1	$1,158	31	263.8	240.1	249.1	248.0	184.0	225.8
DeKalb	DKC111-35RIB CK	VT2P	111	248.1	15.9	2	$1,221	7	**268.1**	230.6	241.9	254.1	**244.7**	**249.2**
Averages =				243.4	16.3	1	$1,194		259.7	239.8	256.6	253.9	211.1	239.4
LSD (0.10) =				9.5	0.3	1.1			6.1	12.8	8.2	5.6	9.4	7.4

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

EARLY-SEASON TEST 105–110 Day CRM | Top 30 of 45 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	Central City‡	Muscatine	Palo	Sully	Victor	Washington
NuTech	70F6Q	QR	110	**254.1**	17.0	1	$1,216	1	205.0	272.5	**183.9**	**283.0**	**291.3**	**288.8**
Integra	6061 STXRIB	STX	110	**253.8**	17.3	1	$1,213	3	212.1	272.5	**189.9**	**299.2**	**272.2**	**276.7**
Wyffels	W5406	VT2P	108	**253.1**	16.8	1	$1,214	2	**249.8**	267.9	**181.2**	266.0	**271.6**	**282.2**
Kruger	K0957SP	STXP	109	**252.9**	16.9	1	$1,211	4	**230.4**	266.3	**191.5**	**289.5**	254.6	**285.2**
Pioneer	P1027AM GC	AM	110	**252.1**	16.9	1	$1,209	5	**226.5**	254.5	170.3	280.5	**297.0**	**283.8**
Hefty	H5862	VT2P	108	250.6	16.4	1	$1,205	6	218.0	**287.1**	166.0	**281.4**	**273.7**	**277.3**
Hefty	H5952	VT2P	109	250.6	17.2	1	$1,198	7	**252.9**	**277.0**	171.7	278.3	262.6	260.9
NuTech	70B4AM	AM	110	248.7	17.3	1	$1,189	12	224.1	255.4	176.1	**287.0**	**285.9**	263.6
Titan Pro	39-08 PCE	PCE	108	248.5	16.5	2	$1,196	8	**233.0**	271.5	150.3	**291.3**	**277.2**	267.7
Midwest Genetics	EX0937 PCE GC	PCE	109	248.4	16.8	1	$1,191	10	**244.9**	257.8	163.9	**287.5**	**271.0**	265.7
LG Seeds	LG58C48VT2PRIB	VT2P	108	248.4	16.5	2	$1,193	9	**227.0**	**278.8**	177.2	264.4	**271.1**	271.8
FS InVision	FS 6025X RIB	STX	110	246.2	17.7	1	$1,172	17	189.7	264.5	175.6	**286.2**	**286.7**	**274.4**
Midwest Genetics	08-06VT2PRIB GC	VT2P	108	246.0	16.8	1	$1,178	14	**238.1**	**281.9**	164.9	277.4	259.6	254.0
Integra	5704 SSPRO	STXP	107	246.0	16.4	1	$1,182	13	194.8	261.4	**191.7**	276.6	261.1	**290.1**
Cornelius	C6847TRE	TRE	108	245.4	16.4	2	$1,177	15	213.7	**288.4**	155.1	268.0	265.3	**281.7**
Kruger	K0915DD	VT2PDG	109	244.4	17.0	2	$1,166	19	214.4	**275.7**	163.8	272.7	**271.7**	267.8
Renk	RK703PWE	PCE	106	243.7	16.2	1	$1,173	16	**227.9**	263.4	156.1	264.4	**278.0**	272.7
Renk	RK766SSPRO	STXP	109	243.1	16.8	1	$1,165	20	199.4	263.4	**199.1**	266.1	261.0	269.7
Kruger	K0783DP	VT2P	107	242.9	16.3	1	$1,168	18	192.9	267.6	**182.0**	278.9	**270.0**	265.8
FS InVision	FS 5835V RIB	VT2P	108	242.8	16.7	1	$1,163	21	193.8	272.0	167.1	280.3	264.5	**279.3**
FS InVision	FS 5935X RIB	STX	109	242.6	17.2	2	$1,159	25	181.6	269.5	177.8	**283.8**	267.0	**275.8**
Titan Pro	31-10 PCE	PCE	110	242.5	17.4	1	$1,157	28	196.2	267.7	**194.1**	277.7	258.4	260.9
Wyffels	W6215	TRE	109	241.9	16.4	1	$1,163	22	225.2	273.3	170.9	271.1	251.7	259.1
Epley	E1512SS	STX	105	241.4	16.0	1	$1,162	24	210.8	**281.2**	172.1	266.6	253.8	264.2
NuTech	68A9AM	AM	108	240.9	15.9	1	$1,163	23	201.5	270.1	165.1	275.7	264.2	268.6
Cornelius	C7021DP	VT2P	110	240.8	16.4	1	$1,159	26	220.5	266.5	164.1	275.2	262.3	256.2
Integra	5802 VT2PRIB	VT2P	108	240.8	16.8	1	$1,153	29	**237.8**	247.5	169.9	275.4	260.4	253.7
FS InVision	FS 5725X RIB	STX	107	240.7	16.3	1	$1,157	27	212.3	271.5	**180.3**	257.5	255.1	267.6
Wyffels	W5019	STXP	107	239.8	16.4	1	$1,153	30	207.5	264.6	**191.6**	266.9	250.4	258.1
Renk	RK773TRE	TRE	109	239.7	16.6	1	$1,150	31	**226.7**	271.1	141.2	269.9	249.9	**279.2**
DeKalb	DKC111-35RIB CK	VT2P	111	249.2	17.3	1	$1,191	11	225.0	**279.0**	**190.0**	**283.5**	244.8	272.9
Averages =				241.4	16.7	1	$1,157		208.7	263.5	171.3	274.8	262.7	266.5
LSD (0.10) =				9.6	0.6	0.6			16.8	11.5	8.7	6.5	7.1	7.6

FULL-SEASON TEST 111–115 Day CRM | Top 30 of 45 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	Central City‡	Muscatine	Palo	Sully	Victor	Washington
Kruger	K1562DT	TRE	115	**261.1**	18.8	1	$1,231	1	**254.5**	**291.6**	**181.3**	280.1	**279.7**	**279.5**
FS InVision	FS 6217X RIB	STX	112	252.3	17.5	1	$1,204	2	238.6	259.7	**172.9**	286.2	**274.8**	**281.8**
Integra	6588 VT2PRIB	VT2P	115	251.8	20.0	1	$1,175	9	**241.3**	**279.2**	160.4	282.3	**274.1**	273.5
Wyffels	W7759	STXP	113	251.5	18.1	1	$1,194	3	224.9	271.6	**180.0**	**288.5**	**278.3**	265.9
Wyffels	W6886	VT2P	111	250.5	18.3	1	$1,186	4	220.1	**276.8**	151.4	**288.5**	**276.5**	**289.7**
Cornelius	C7202SSP	STXP	112	249.6	18.7	1	$1,179	5	231.4	261.2	**176.9**	276.4	**268.0**	**284.0**
Cornelius	C7366DGDP	VT2PDG	113	249.2	18.5	1	$1,177	8	238.0	265.4	162.2	**291.8**	253.4	**284.2**
FS InVision	FS 6432P RIB	STXP	114	248.4	18.6	1	$1,172	10	192.5	**292.3**	**180.3**	283.9	**278.5**	262.6
Epley	E2109PWE	PCE	111	248.1	18.0	4	$1,178	7	**256.0**	260.7	149.4	283.6	265.3	273.8
Hefty	H6244	STX	112	247.5	17.8	1	$1,178	6	219.6	257.8	**171.5**	**296.7**	**277.2**	262.2
NuTech	73A6Q	QR	113	246.5	18.0	1	$1,171	11	236.3	254.6	148.5	**291.0**	**268.8**	**279.7**
Integra	6493 VT2PRIB	VT2P	114	246.0	18.9	2	$1,159	16	229.3	**286.0**	157.7	284.9	259.8	258.4
Kruger	K1460DT	TRE	114	245.8	18.1	1	$1,166	13	221.5	**276.1**	**167.9**	265.2	265.7	**278.7**
Renk	RK811PWE	PCE	111	245.6	18.4	1	$1,164	15	232.1	258.8	**166.3**	**291.3**	261.0	264.2
Wyffels	W7048	STX	111	244.8	17.9	1	$1,165	14	232.5	260.8	163.7	283.3	**268.2**	260.6
ProHarvest	83P66 VT2P	VT2P	113	243.9	19.2	1	$1,144	23	217.0	**292.2**	136.8	**290.2**	254.9	272.1
Renk	RK958VT2P	VT2P	115	242.9	18.8	1	$1,144	24	195.8	**279.7**	**164.8**	277.9	259.4	**279.9**
Integra	6244 PWE	PCE	112	242.9	17.7	2	$1,155	17	214.0	263.4	157.8	**286.6**	263.3	272.3
ProHarvest	83P33 DGVT2PRIB	VT2PDG	113	242.9	18.2	1	$1,152	20	219.8	259.3	161.3	**295.1**	257.2	264.7
FS InVision	FS 6595V RIB	VT2P	115	242.5	19.7	1	$1,134	29	202.5	265.2	**167.4**	278.2	**272.6**	269.2
NuTech	71A2AM	AM	111	242.1	17.6	1	$1,153	19	226.4	267.3	143.3	**295.0**	**271.1**	249.4
ProHarvest	84P78 TRERIB	TRE	114	242.1	18.6	1	$1,141	25	211.1	**288.1**	147.1	278.1	248.2	**279.8**
Titan Pro	33-12 PCE	PCE	112	242.0	18.3	1	$1,145	22	182.3	**280.5**	143.3	283.4	**287.2**	275.1
Wyffels	W7945RIB	TRE	114	242.0	18.5	1	$1,141	26	213.0	**293.1**	132.9	271.9	261.0	**279.9**
FS InVision	FS 6395VDG RIB	VT2PDG	113	241.7	19.5	1	$1,132	30	**247.2**	265.4	140.3	275.0	263.8	258.3
NuTech	72A5Q	QR	112	241.2	17.6	1	$1,151	21	**257.9**	223.3	**163.9**	271.8	**268.1**	262.0
NuTech	73A4AM	AM	113	241.0	18.6	1	$1,140	27	227.8	261.3	143.7	**290.7**	**274.3**	248.2
Kruger	K1191DT	TRE	111	240.8	16.8	1	$1,154	18	207.8	**278.6**	156.4	285.2	248.8	268.2
Kruger	K1139SS	STX	111	240.4	18.2	1	$1,139	28	199.9	**276.4**	156.1	**290.2**	258.2	261.8
Wyffels	W8086	VT2P	114	238.8	18.7	1	$1,126	31	199.3	268.9	**174.2**	268.6	252.3	269.6
DeKalb	DKC111-35RIB CK	VT2P	111	245.2	17.5	1	$1,169	12	221.6	**276.4**	162.4	283.1	253.6	273.9
Averages =				240.7	18.3	2	$1,140		217.1	266.6	154.2	280.5	258.1	267.7
LSD (0.10) =				13.4	0.8	5.1			21.5	7.8	9.6	5.8	8.8	9.4

‡2 replications full-season test

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

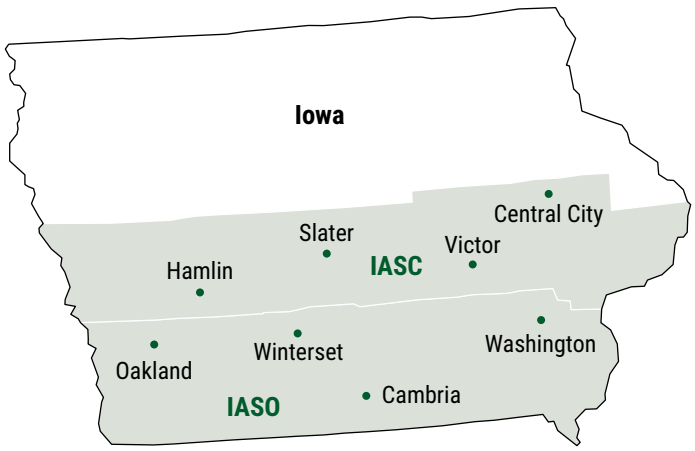
Corn Results: IASO *(See site description on page 5)*

EARLY-SEASON TEST 106–111 Day CRM | Top 30 of 42 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	Bloomfield	Cambria	Clarinda	Farragut	Lineville	New Londo
Renk	RK773TRE	TRE	109	**251.4**	16.1	8	$1,196	1	**243.2**	253.0	**247.5**	**238.9**	258.4	**267.2**
Wyffels	W5406	VT2P	108	246.4	16.2	8	$1,174	2	**243.1**	250.0	229.0	217.1	**268.5**	**270.8**
FS InVision	FS 6137PC	PCE	111	244.0	16.2	16	$1,163	5	226.6	**254.3**	**255.5**	217.0	252.2	**258.4**
Integra	CXINT108VT	VT2P	108	243.6	15.6	20	$1,164	4	**237.6**	248.4	235.7	**230.2**	251.0	**259.0**
Golden Harvest	G11V76-AA	AA	111	243.5	16.7	11	$1,157	6	220.5	**256.0**	235.1	**230.6**	253.1	**265.8**
Wyffels	W6215	TRE	109	242.8	16.3	14	$1,154	8	**234.5**	**257.3**	239.7	**228.8**	257.8	238.4
NuTech	70B4AM	AM	110	242.6	16.3	12	$1,154	9	229.9	**257.2**	244.0	**236.1**	245.6	242.8
Kruger	K1191DT	TRE	111	242.4	16.4	19	$1,153	10	227.2	245.2	246.5	214.1	257.6	**264.0**
Brevant	B10Y21Q GC	QR	110	242.2	16.2	15	$1,154	7	221.3	**260.8**	235.9	220.9	242.1	**272.5**
Titan Pro	31-10 PCE	PCE	110	242.1	16.4	12	$1,151	11	**231.8**	241.9	**247.9**	**228.7**	253.8	248.6
Wyffels	W7048	STX	111	241.3	16.5	17	$1,146	15	**233.3**	252.8	240.2	222.2	249.3	249.9
NuTech	71A2AM	AM	111	240.7	16.3	18	$1,147	13	214.5	**256.5**	242.7	211.7	**262.4**	256.3
Dyna-Gro	D50VC09RIB	VT2P	110	240.6	16.1	18	$1,146	16	**236.1**	247.4	223.7	**228.3**	250.1	**258.3**
NK Brand	NK1188-D	D	111	240.6	17.2	9	$1,138	19	216.9	232.9	**248.6**	**240.7**	256.4	248.0
NK Brand	NK1040-AA	AA	110	240.3	16.0	13	$1,148	12	201.5	245.5	**249.6**	224.3	**274.2**	246.9
NuTech	68A9AM	AM	108	240.2	16.0	13	$1,147	14	193.7	250.2	**258.9**	224.6	255.0	**259.1**
Renk	RK766SSPRO	STXP	109	240.2	16.4	12	$1,143	17	200.3	249.2	**250.9**	220.4	257.4	**263.0**
Taylor	6012 TRE	TRE	111	239.7	16.3	18	$1,140	18	**244.2**	240.5	228.9	221.4	248.5	255.0
FS InVision	FS 6025X RIB	STX	110	238.6	16.6	14	$1,132	22	215.6	**254.4**	239.6	221.7	236.2	**263.8**
Integra	6061 STXRIB	STX	110	238.5	16.3	16	$1,136	21	225.8	246.3	243.6	207.6	**259.7**	248.2
NuTech	68A7AM	AM	108	238.3	16.0	10	$1,137	20	209.4	**253.5**	**250.0**	218.0	250.3	249.0
Wyffels	W6886	VT2P	111	237.6	17.1	14	$1,127	23	211.5	**257.9**	**257.9**	194.1	249.3	254.8
Channel	210-46VT2PRIB GC	VT2P	110	237.0	16.8	7	$1,124	24	216.5	241.9	236.5	**235.3**	242.1	249.5
FS InVision	FS 6133VDG RIB	VT2PDG	111	236.4	16.9	24	$1,121	26	227.7	252.5	242.9	209.0	243.4	242.9
Hoegemeyer	8110AM	AM	111	236.2	16.9	12	$1,121	25	216.0	**260.3**	241.9	205.2	255.8	238.3
Augusta	A4961 AA	AA	111	235.5	16.9	13	$1,117	28	223.7	235.0	232.2	195.3	**270.3**	256.2
FS InVision	FS 5835V RIB	VT2P	108	234.9	16.5	14	$1,116	30	230.1	246.4	221.5	211.3	251.8	248.2
NuTech	66D1AM	AM	106	234.7	16.1	11	$1,118	27	214.2	**253.8**	240.4	218.6	250.1	231.4
Hoegemeyer	8125AM	AM	111	234.6	16.4	8	$1,116	29	211.5	**258.3**	246.2	223.8	225.5	242.3
Kruger	K0915DD	VT2PDG	109	233.8	16.0	14	$1,115	31	205.8	238.9	243.3	213.7	**259.8**	241.5
DeKalb	DKC111-35RIB CK	VT2P	111	245.0	16.6	12	$1,164	3	**237.1**	250.9	**248.1**	208.4	**280.9**	244.8
Averages =				237.8	16.4	14	$1,131		220.7	247.0	239.1	218.6	251.1	250.3
LSD (0.10) =				9.0	0.5	7.5			10.0	6.2	7.4	6.5	8.3	6.2

FULL-SEASON TEST 112–116 Day CRM | Top 30 of 42 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	Bloomfield	Cambria	Clarinda	Farragut	Lineville	New Londo
Wyffels	W8086	VT2P	114	**257.6**	18.4	12	$1,207	1	**236.1**	**260.3**	**262.6**	**243.8**	**288.8**	254.0
Channel	214-78DGVT2PRIB GC	VT2PDG	114	**253.2**	18.4	7	$1,187	2	**231.9**	**272.8**	**255.8**	227.8	264.8	**266.0**
Kruger	K1562DT	TRE	115	**252.6**	18.6	8	$1,182	3	**228.8**	**255.1**	**256.1**	**236.0**	**281.8**	257.9
Taylor	6015 TRE	TRE	115	**250.2**	18.6	14	$1,171	4	**232.6**	242.0	**257.9**	216.1	**290.3**	**262.4**
FS InVision	FS 6306T RIB	TRE	113	247.2	18.2	16	$1,159	6	**240.5**	**251.9**	232.4	220.6	**283.5**	254.2
FS InVision	FS 6395VDG RIB	VT2PDG	113	247.0	17.5	7	$1,166	5	**228.2**	**264.4**	**257.6**	224.7	253.4	253.7
Integra	6588 VT2PRIB	VT2P	115	245.7	19.4	9	$1,143	11	218.6	237.3	**262.3**	227.6	254.7	**273.5**
Wyffels	W7876RIB	VT2P	114	245.2	18.3	17	$1,150	8	**228.0**	248.1	234.7	211.8	**291.8**	257.0
Wyffels	W8108	STX	114	245.2	18.0	10	$1,155	7	211.0	**260.6**	**259.7**	213.2	**268.8**	258.0
FS InVision	FS 6625V RIB	VT2P	116	243.0	17.9	14	$1,144	10	218.6	**258.0**	236.4	217.5	266.5	**261.2**
NuTech	72D4AM	AM	112	241.9	17.9	16	$1,139	12	207.5	232.5	235.0	**243.1**	**272.6**	**260.9**
LG Seeds	LG64C43VT2	VT2P	114	241.3	18.0	16	$1,133	14	**235.7**	251.5	237.1	211.5	234.7	**277.2**
Wyffels	W7945RIB	TRE	114	241.1	17.8	12	$1,134	13	**237.9**	238.7	**248.4**	204.2	266.8	250.3
FS InVision	FS 6595V RIB	VT2P	115	240.7	18.7	9	$1,127	17	216.2	247.4	**252.8**	206.5	**270.1**	250.9
Renk	RK876VT2P	VT2P	113	240.6	18.5	16	$1,128	16	205.1	248.9	244.4	221.2	**279.6**	244.4
NuTech	75C1AM	AM	115	239.9	17.9	8	$1,130	15	195.9	229.1	**279.2**	**241.6**	243.2	250.4
Titan Pro	33-12 PCE	PCE	112	239.9	18.1	16	$1,126	18	**226.8**	**254.8**	202.3	217.6	**269.9**	**268.0**
Kruger	K1364DT	TRE	113	239.4	18.2	10	$1,123	21	**230.4**	244.6	229.9	215.8	257.7	258.1
DeKalb	DKC65-95RIB GC	VT2P	115	239.3	18.1	16	$1,124	19	219.1	246.3	242.0	217.6	266.3	244.7
Dyna-Gro	D56TC44RIB	TRE	116	238.9	18.0	19	$1,122	22	215.1	242.9	205.4	**235.1**	**290.1**	244.6
Hoegemeyer	8576AM	AM	115	238.6	18.2	20	$1,121	23	214.8	247.1	221.6	215.8	**272.2**	260.1
NuTech	73A6Q	QR	113	237.8	17.3	17	$1,123	20	222.8	**253.0**	246.1	220.6	234.0	250.0
Kruger	K1460DT	TRE	114	237.4	18.8	14	$1,110	27	216.6	246.0	232.5	218.8	260.0	250.7
Dyna-Gro	D53VC54RIB	VT2P	113	236.8	19.0	13	$1,105	29	200.6	240.0	224.6	**235.7**	255.8	**263.9**
FS InVision	FS 6432P RIB	STXP	114	236.5	17.6	15	$1,116	24	209.8	**258.7**	222.7	222.4	257.3	248.1
Wyffels	W7759	STXP	113	236.1	17.9	19	$1,112	25	209.8	247.2	200.0	225.1	260.8	**274.0**
Hoegemeyer	8397Q	QR	113	235.7	17.7	9	$1,110	26	216.0	238.9	**251.6**	**239.0**	228.7	240.3
Integra	6493 VT2PRIB	VT2P	114	235.0	18.4	21	$1,103	31	214.1	251.2	220.8	204.2	253.5	**266.4**
NuTech	73A4AM	AM	113	234.9	17.3	16	$1,109	28	**230.2**	248.4	233.3	210.4	253.3	233.7
Brevant	B14H38AM GC	AM	114	234.4	17.9	10	$1,104	30	203.1	**255.1**	244.5	213.2	250.0	240.4
DeKalb	DKC111-35RIB CK	VT2P	111	242.9	17.1	11	$1,150	9	**230.8**	244.7	241.2	214.7	**276.1**	250.0
Averages =				238.3	18.1	14	$1,119		216.4	245.1	237.7	220.4	257.7	252.2
LSD (0.10) =				9.5	0.7	6.8			10.0	6.5	9.4	8.8	9.1	8.3



Site Description: IASC *(See soybean results table on page 10)*

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average Stand × 1,000	Average Yield	Yield History Bu/A	Yield History Years
Central City	Jim Greif	silty clay loam	minimum	corn	26	May 1	Oct 10	151.5	60.7	60.7	9
Hamlin	Brian Jensen	silty clay loam	no-till	corn	–	May 11	Oct 5	151.9	69.9	81.0	3
Slater	Jason Krause	clay loam	no-till	soybeans	–	May 4	Oct 4	NR	NR	51.3	14
Victor	Dan DeRycke	silt loam	minimum	corn	–	May 10	Oct 9	151.5	76.7	72.6	12
									IASC	**61.3**	**22**

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average Stand × 1,000	Average Yield	Yield History Bu/A	Yield History Years
Cambria	Dan Allred	silt loam	conventional	corn	–	May 6	Oct 20	143.6	72.3	59.1	6
Oakland	Mark & Keith Bentley	silty clay loam	no-till	corn	–	May 11	Oct 21	143.6	70.1	68.5	14
Washington	Tom Vittetoe	silty clay loam	no-till	corn	–	May 2	Oct 3	150.8	80.3	71.2	14
Winterset	Mike Erdman	silty clay loam	minimum	corn	–	May 13	Oct 18	143.5	65.7	67.3	20
									IASO	**66.5**	**20**

SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2019–2023

FIRST Region	Average Yield by Year (Bu/A) 2023	2022	2021	2020	2019	Since Inception Bu/A	#Years
IASC	69.2	74.7	81.1	58.3	58.4	61.3	22
IASO	72.0	64.8	73.5	62.4	70.3	66.5	20

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

EARLY-SEASON TEST | MATURITY GROUP 2.3–2.7 | 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)	Central City	Hamlin	Slater##	Victor
Golden Harvest	GH2674E3 U	E3	2.6	**75.3**	11.1	1	$958	61.7	**79.9**	65.9	**84.2**
P3 Genetics	2325E	E3	2.5	**73.8**	10.9	1	$939	**65.8**	**74.5**	62.1	**81.0**
Golden Harvest	GH2544XF U	RXF	2.5	73.1	10.7	1	$930	63.0	71.5	–	**84.6**
Pioneer	P25A16E U	E3	2.5	72.8	10.8	1	$927	63.6	72.8	58.1	**82.0**
Genesis	G2480E	E3	2.4	72.8	11.3	1	$926	60.3	**74.7**	61.7	**83.3**
Kruger	K2294XF	RXF	2.2	72.2	11.5	1	$919	56.4	**79.4**	–	**80.7**
LG Seeds	LGS2505E3 GC	E3	2.5	72.1	11.2	1	$918	62.2	72.4	**67.9**	**81.6**
Xitavo	XO 2323E	E3	2.3	71.5	10.8	1	$911	59.9	**76.7**	61.6	78.0
NuTech	27N03E	E3	2.7	71.4	11.1	1	$909	**66.2**	70.0	56.0	77.9
Hoegemeyer	2724 E	E3	2.7	71.0	10.7	1	$904	**66.7**	70.5	59.7	75.9
Asgrow	AG27XF3 U	RXF	2.7	70.4	10.2	1	$896	62.0	66.7	–	**82.4**
NuTech	24N05E	E3	2.4	70.2	10.6	1	$894	60.1	72.6	61.5	78.0
Kruger	K2604XF	RXF	2.6	70.2	10.9	1	$893	59.4	**77.9**	–	73.2
FS HiSOY	HS 26E20	E3	2.6	69.7	11.6	1	$887	**64.2**	70.1	65.4	74.8
Stine	24FD32 U	RXF	2.4	69.7	11.7	1	$887	62.5	72.8	–	73.7
NuTech	27N06E	E3	2.7	69.5	10.8	1	$884	**67.2**	63.7	60.7	77.5
FS HiSOY	HS 25E30	E3	2.5	69.2	11.5	1	$882	59.0	71.9	66.4	76.8
Xitavo	XO 2444E	E3,ST	2.4	69.1	10.7	1	$880	58.9	73.3	64.3	75.2
Xitavo	XO 2501E	E3	2.5	68.8	10.8	2	$876	60.3	68.1	65.8	78.0
Titan Pro	TP 25E22	E3	2.5	68.6	10.9	1	$874	59.0	70.6	60.5	76.3
FS HiSOY	HS 27E30	E3	2.7	68.6	11.0	1	$873	52.6	70.2	51.4	**83.0**
P3 Genetics	2326E	E3	2.6	68.5	11.4	1	$872	59.3	68.3	**72.1**	77.8
Asgrow	AG26XF3 U	RXF	2.6	68.4	11.2	1	$872	60.9	73.4	–	71.1
Channel	2321RXF GC	RXF	2.3	68.4	11.5	1	$871	50.4	**76.1**	–	78.7
Xitavo	XO 2613E	E3	2.6	68.3	11.0	1	$870	62.3	70.0	**67.9**	72.7
Stine	27EG22 U	E3	2.7	67.9	10.8	1	$864	61.0	65.8	63.6	76.9
Brevant	B263EE GC	E3	2.6	67.7	10.6	1	$862	**65.2**	64.0	62.3	73.9
Genesis	G2550E	E3	2.5	66.4	11.2	1	$846	56.7	67.6	62.9	75.0
Cornelius	CB27XF72	RXF	2.7	66.1	10.7	1	$842	60.7	71.7	–	66.0
Hoegemeyer	2484 E	E3	2.4	65.9	10.8	1	$839	55.7	65.9	58.7	76.0
Pioneer	P30A75E CK	E3	3.0	71.8	10.6	1	$914	**64.6**	68.8	**67.4**	**81.9**
Averages =				69.3	10.9	1	$882	60.5	70.9	62.5	76.5
LSD (0.10) =				4.5	0.4	ns		3.2	3.3	4.2	3.2

FULL-SEASON TEST | MATURITY GROUP 2.8–3.2 | 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)	Central City	Hamlin	Slater##	Victor
Xitavo	XO 3014E	E3,ST	3.0	**76.0**	10.7	2	$967	**75.1**	71.1	59.8	**81.8**
Stine	28EG29 U	E3	2.8	**75.8**	11.1	2	$965	**66.4**	**77.1**	64.3	**83.9**
FS HiSOY	HS 28E10	E3	2.8	73.3	11.5	1	$933	64.5	**75.8**	53.4	79.5
Xitavo	XO 2832E	E3	2.8	73.2	11.6	1	$932	59.3	**75.9**	64.5	**84.5**
Xitavo	XO 3224E	E3	3.2	72.3	10.1	1	$922	61.8	**75.3**	61.5	80.0
Mustang	32E424	E3	3.2	72.3	11.1	1	$920	**68.7**	62.0	63.0	**86.0**
NuTech	31N07E	E3	3.1	71.6	10.3	1	$912	**68.9**	69.2	53.2	76.7
Hoegemeyer	3134 E	E3	3.1	71.4	10.4	1	$909	64.0	**73.7**	60.6	76.5
Genesis	G2960E U	E3	2.9	70.6	11.2	1	$899	54.9	**78.6**	56.6	78.3
Asgrow	AG28XF3 U	RXF	2.8	70.6	10.2	1	$898	57.7	**74.4**	–	79.5
P3 Genetics	2429E	E3	2.9	70.5	10.7	3	$897	62.7	69.2	61.1	79.5
Genesis	G3171ES	E3,ST	3.1	70.1	10.5	1	$893	61.4	70.3	56.8	78.7
P3 Genetics	2331E	E3	3.1	69.9	10.9	3	$891	62.2	69.4	61.5	78.3
Titan Pro	TP 29E23	E3	2.9	69.8	10.7	4	$889	63.7	66.7	61.1	79.1
Apex	AE3131S	E3,ST	3.1	69.8	10.4	2	$888	60.6	69.2	**73.5**	79.5
Pioneer	P31A73E U	E3	3.1	69.6	10.7	1	$886	58.4	**72.4**	62.7	78.0
Asgrow	AG30XF4 U	RXF	3.0	69.1	10.2	1	$879	**69.1**	69.1	–	68.9
Xitavo	XO 2963E	E3	2.9	68.7	11.3	1	$875	60.1	69.9	64.0	76.2
Golden Harvest	GH2884XF	RXF	2.8	68.2	10.7	1	$868	57.7	70.1	–	76.7
Cornelius	CB29XF44	RXF	2.9	68.0	10.5	1	$866	58.8	70.7	–	74.6
NuTech	29N02E	E3	2.9	67.7	10.7	2	$862	63.4	63.6	63.2	76.0
Pioneer	P28A65E U	E3	2.8	67.5	9.9	1	$859	61.9	66.2	51.8	74.4
Golden Harvest	GH2814E3S U	E3,ST	2.8	67.4	11.2	3	$858	53.9	66.9	63.2	**81.3**
FS HiSOY	HS 28F30	RXF	2.8	67.2	11.1	1	$856	57.2	67.2	–	77.3
FS HiSOY	HS 31E20	E3,ST	3.1	67.0	10.5	2	$853	59.7	67.4	62.8	74.0
Kruger	K3214XF	RXF	3.2	66.9	10.4	1	$851	57.4	68.1	–	75.1
Hoegemeyer	2834 E	E3	2.8	66.3	10.4	1	$844	57.1	62.3	61.5	79.4
Mustang	2.90E+225	E3	2.9	65.8	10.1	2	$838	54.8	65.8	**70.3**	76.8
Apex	AE2940S	E3,ST	2.9	65.4	10.7	1	$833	60.6	59.6	63.1	76.0
FS HiSOY	HS 32E30	E3	3.2	65.3	11.2	3	$831	57.3	66.1	63.8	72.5
Pioneer	P30A75E CK	E3	3.0	72.9	10.3	1	$928	**66.0**	71.2	**66.6**	**81.5**
Averages =				68.9	10.7	1	$878	60.9	69.0	61.7	76.9
LSD (0.10) =				4.5	0.4	1		3.7	2.6	3.8	3.2

##Early- and full-season test results rejected, not included in summary

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

EARLY-SEASON TEST | MATURITY GROUP 2.5–3.0 | 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)	Cambria	Oakland	Washington	Winterset
Xitavo	XO 3014E	E3,ST	3.0	**78.9**	11.4	22	$1,003	**76.2**	**74.0**	**88.3**	**76.9**
Stine	28EG29 U	E3	2.8	**78.4**	11.8	16	$997	**74.2**	**73.7**	79.1	**86.5**
Genesis	G2960E	E3	2.9	**76.8**	11.8	8	$976	**79.1**	**74.1**	78.0	**75.9**
Apex	AE2940S	E3,ST	2.9	75.6	11.4	14	$962	72.0	68.7	84.9	**76.8**
Mustang	29E224 GC	E3	2.9	75.3	11.5	13	$958	**75.4**	72.4	80.8	**72.7**
Titan Pro	TP 25E22	E3	2.5	75.3	11.3	8	$957	68.8	**78.7**	83.4	70.1
Genesis	G2550E	E3	2.5	75.2	11.4	9	$957	**74.7**	**74.4**	83.7	68.0
NuTech	27N03E	E3	2.7	75.0	12.0	9	$953	64.1	**78.4**	84.3	**73.0**
NuTech	29N02E	E3	2.9	74.9	11.4	17	$953	**75.7**	66.1	80.3	**77.6**
LG Seeds	LGS2505E3 GC	E3	2.5	74.2	11.5	7	$944	67.2	**73.8**	**86.5**	69.4
NuTech	27N06E	E3	2.7	73.3	11.3	5	$933	69.6	**75.4**	79.4	69.0
Genesis	G2780E	E3	2.7	73.1	11.8	5	$929	**76.0**	71.4	79.0	65.8
FS HiSOY	HS 25E30	E3	2.5	73.0	11.3	10	$929	66.9	**74.3**	81.8	69.0
Brevant	B283EE U	E3	2.8	72.4	11.4	14	$922	**75.0**	72.9	77.1	64.8
Asgrow	AG27XF3 U	RXF	2.7	72.3	11.3	14	$919	73.6	69.4	83.3	62.7
Xitavo	XO 2832E	E3	2.8	72.2	11.7	6	$918	71.6	72.7	78.4	66.1
NuTech	29N04E	E3	2.9	72.0	11.2	10	$916	72.6	72.8	77.9	64.8
Xitavo	XO 2613E	E3	2.6	71.8	11.7	3	$913	67.1	**75.6**	73.1	**71.3**
Hoegemeyer	2834 E	E3	2.8	71.8	11.2	10	$913	72.1	71.0	76.6	67.5
Kruger	K2604XF	RXF	2.6	71.5	11.9	6	$910	67.5	**75.7**	78.2	64.6
FS HiSOY	HS 27E30	E3	2.7	71.1	11.7	4	$904	72.7	69.4	78.5	63.6
Brevant	B263EE U	E3	2.6	70.9	11.5	10	$901	67.8	69.3	79.6	66.7
Golden Harvest	GH2884XF U	RXF	2.8	70.4	11.6	16	$896	72.0	62.5	81.7	65.6
Asgrow	AG30XF4 U	RXF	3.0	70.2	11.4	6	$893	69.6	64.1	**85.3**	61.7
FS HiSOY	HS 26E20	E3	2.6	70.1	11.8	8	$892	**74.2**	65.8	73.3	67.2
FS HiSOY	HS 28F30	RXF	2.8	69.7	11.3	7	$887	64.0	**74.2**	77.3	63.4
Hoegemeyer	2724 E	E3	2.7	69.2	11.3	4	$881	64.6	68.9	82.4	61.0
Pioneer	P28A65E U	E3	2.8	69.1	10.8	9	$879	62.9	67.2	80.4	65.8
Pioneer	P25A16E U	E3	2.5	68.9	10.9	2	$877	65.2	73.5	78.8	58.3
NK Brand	NK29-Z4E3	E3	2.9	68.9	11.5	6	$877	67.8	69.7	71.3	66.8
Pioneer	P30A75E CK	E3	3.0	75.5	11.2	4	$961	**76.8**	**78.0**	79.0	68.2
Averages =				72.0	11.5	10	$916	70.2	70.3	79.9	67.5
LSD (0.10) =				4.1	0.3	6.4		3.7	3.3	5.2	3.0

FULL-SEASON TEST | MATURITY GROUP 3.1–3.6 | 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)	Cambria	Oakland	Washington	Winterset
Asgrow	AG33XF3 U	RXF	3.3	75.1	11.3	10	$955	70.7	**76.9**	**88.0**	64.8
Renk	RS353NXF	RXF	3.5	74.7	11.3	12	$950	**79.0**	**73.7**	**85.5**	60.6
Kruger	K3305XF	RXF	3.3	74.4	11.4	4	$947	71.9	72.9	80.9	**71.9**
Xitavo	XO 3224E	E3	3.2	74.3	11.2	12	$945	76.6	70.6	79.7	**70.1**
FS HiSOY	HS 34F30	RXF	3.4	74.2	11.5	7	$944	75.3	**77.3**	78.9	65.4
ProHarvest	32F26	RXF	3.2	73.9	11.3	2	$941	75.0	67.1	82.3	**71.4**
Asgrow	AG35XF1 U	RXF	3.5	73.8	11.7	12	$938	68.9	67.6	**86.5**	**72.1**
Stine	35EG29 U	E3	3.5	73.8	11.3	11	$938	71.9	68.8	85.1	**69.3**
Genesis	G3171ES	E3,ST	3.1	73.4	11.5	14	$934	**86.6**	67.3	69.9	**69.7**
FS HiSOY	HS 31E20	E3,ST	3.1	73.3	11.5	14	$933	**82.2**	67.4	81.2	62.6
Hoegemeyer	3134 E	E3	3.1	73.2	11.1	5	$931	76.7	**74.9**	83.4	57.8
FS HiSOY	HS 32E30	E3	3.2	72.8	11.8	16	$927	74.5	69.4	77.9	**69.6**
Genesis	G3460E	E3	3.4	72.7	11.5	18	$925	75.8	65.8	78.7	**70.7**
Golden Harvest	GH3373E3S U	E3,ST	3.3	72.7	11.9	13	$925	72.5	69.0	82.1	67.2
Kruger	K3214XF	RXF	3.2	72.6	11.4	6	$924	70.4	71.2	82.2	66.6
NuTech	33N04E	E3	3.3	72.3	11.1	11	$919	74.6	69.5	77.5	67.4
Xitavo	XO 3651E	E3	3.6	72.1	11.7	9	$917	73.5	71.0	80.8	63.0
Xitavo	XO 3131E	E3	3.1	72.1	11.3	17	$916	74.0	**73.6**	81.8	58.8
Stine	36PD92 U	RXF	3.6	71.8	11.7	12	$913	73.6	70.9	84.8	57.9
FS HiSOY	HS 35F20	RXF	3.5	71.7	11.3	18	$912	72.2	67.5	**85.5**	61.6
P3 Genetics	2331E	E3	3.1	71.7	11.3	12	$912	**84.6**	68.8	77.7	55.7
Apex	AE3340	E3	3.3	71.4	11.1	14	$909	75.1	66.5	79.2	64.9
NK Brand	S35-E3 U	E3	3.5	71.4	12.0	8	$908	76.1	68.3	76.7	64.5
Stine	33FD32 U	RXF	3.5	71.3	11.3	9	$907	71.0	69.2	79.9	65.2
NuTech	31N07E	E3	3.1	71.2	11.4	8	$906	71.0	72.6	79.6	61.7
Xitavo	XO 3483E	E3	3.4	71.1	11.5	6	$904	72.1	**74.1**	80.8	57.3
NuTech	34N02E	E3	3.4	70.9	11.4	12	$901	69.5	72.5	81.8	59.6
P3 Genetics	2433E	E3	3.4	70.7	11.7	13	$900	74.9	63.3	76.7	**68.0**
Apex	AE3541	E3	3.5	70.3	11.6	11	$895	69.8	67.4	77.0	67.2
NK Brand	NK36-H9E3S	E3,ST	3.6	70.3	11.5	11	$895	74.0	69.0	81.9	56.4
Pioneer	P30A75E CK	E3	3.0	**76.8**	11.1	5	$977	**78.8**	**79.6**	82.3	66.6
Averages =				72.2	11.4	10	$919	74.3	69.9	80.6	63.9
LSD (0.10) =				3.9	0.3	6.6		3.5	3.1	4.7	3.9

THANK YOU!

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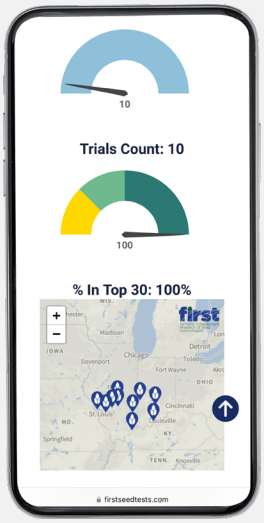

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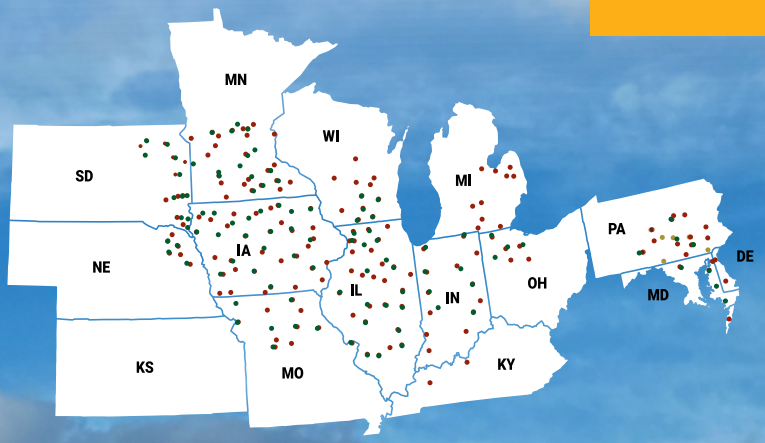

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