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research of seed
technologies

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INSIDE

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

Check first

2022 Performance Summary

Southern Iowa



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Summary of the 2022 Season



We are proud to bring you this report presenting the top corn and soybean performances in FIRST's independent yield trials. FIRST is your trusted source for unbiased, accurate yield information about America's finest seed brands. Each hybrid and variety is tested at multiple locations with the best and most consistent performers appearing in this summary. For all the harvest reports and complete multi-year results for each product in the trials, visit us at www.firstseedtests.com.

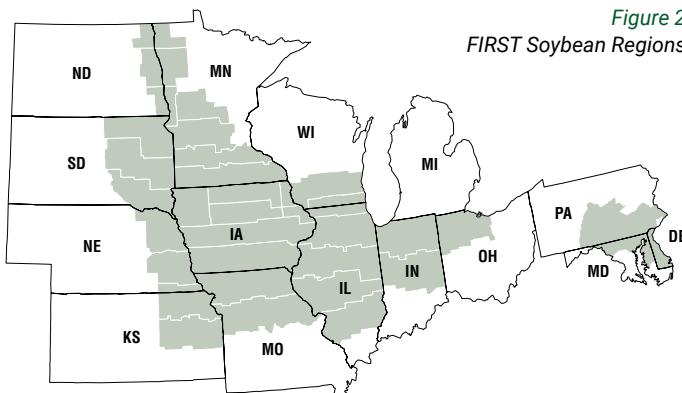
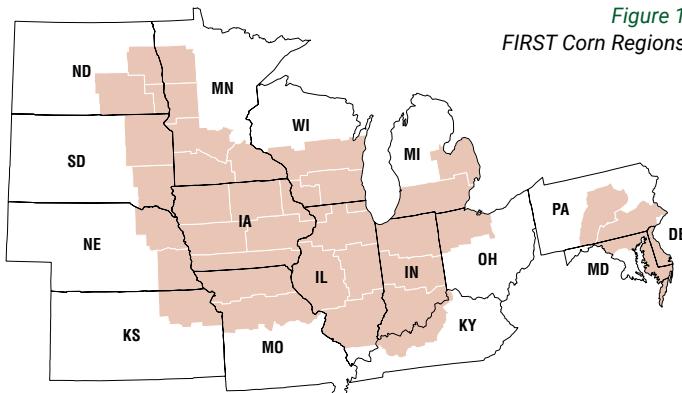


FIRST Testing Methodology and Procedures

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.



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.

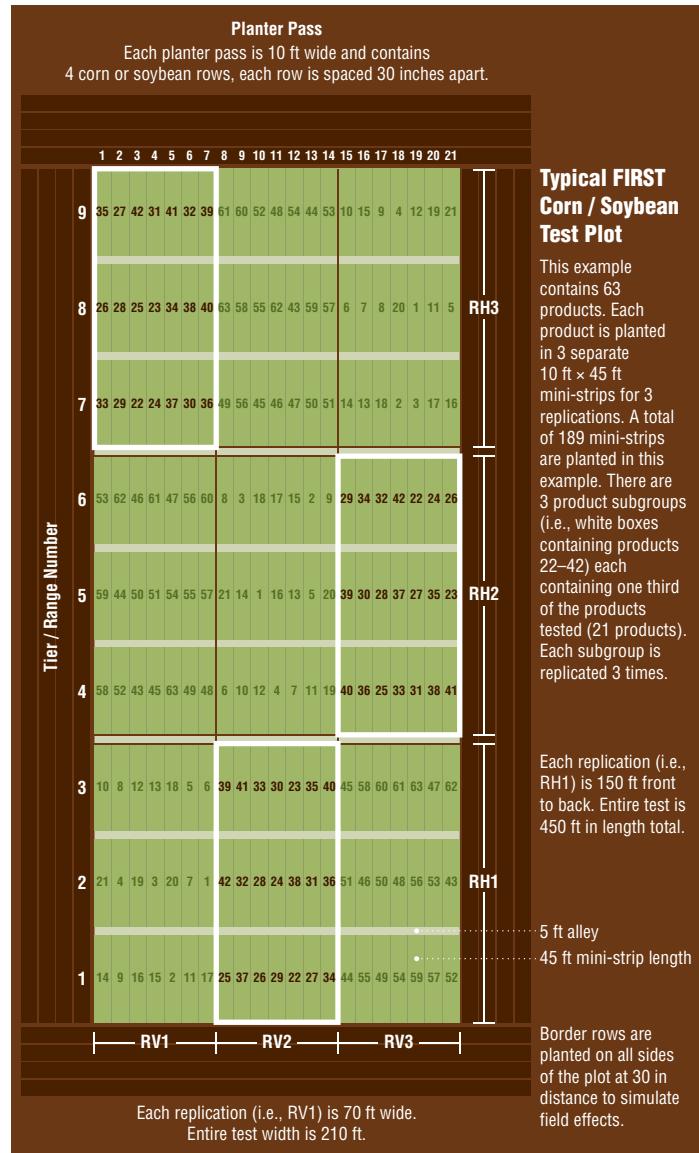
Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

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



TESTING METHODOLOGY

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
Company/Brand	Product/Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Rank	Fox Lake	Oxford	Plover	Ripon	Tonith		
CHESAPEAKE	DS-98100	OR-B	98	230.2	18.3	1	\$784	4	264.6	208.8	165.2	216.1	274.5		
FEDERAL	4880 VT2PRIB	VT2PB	98	229.1	18.3	1	\$784	1	228.0	180.0	180.8	228.0	228.8		
HEETV	H4322V12PRIB	VT2PB	93	228.2	17.0	1	\$788	2	243.5	236.0	201.3	220.9	244.1		
DARYLAND	DS-3550AM	AM-B	95	227.8	17.4	1	\$781	7	259.3	242.4	179.3	223.0	235.0		
JUNK	47DPA29	VT2PB	97	227.7	16.9	1	\$782	5	269.1	252.1	146.2	222.6	248.5		
NORTHSTAR	NS 98-513 STXRB	STXB	98	227.2	16.7	2	\$782	6	250.4	254.9	174.4	213.6	242.6		
WINTER	10000 VT2PB	VT2PB	98	226.7	17.1	1	\$775	8	257.9	230.0	167.0	221.0	245.6		
PIONEER	PS6800 VT2P	OR-B	96	224.3	17.1	1	\$771	10	257.9	230.5	176.7	222.7	244.0		
THUNDER	T6996 VT2P	VT2PB	96	223.9	16.7	1	\$772	9	248.3	238.2	153.9	226.0	253.3		
HEETV	H4542VT2P	VT2P	95	223.1	16.1	1	\$771	11	257.8	238.4	151.3	215.3	248.3		
LATHAN	LH 4657 VT2PRB	VT2PB	96	222.6	16.8	1	\$767	12	264.9	236.2	153.5	222.5	236.1		
HEETV	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	152.0	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
Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Rank	Arlington	Orogen	Postville	Watertown		
CREDENZ	C2 212 GTLL GC	LLGT27	2.1	68.8	11.1	6	\$619	72.8	61.8	73.9	66.8			
HEETV	H5000000	RRX	2.0	68.8	10.8	6	\$609	70.3	60.7	67.0	61.8			
GENESIS	G1790GL	LLGT27	2.1	67.5	10.9	8	\$507	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	2.23220X	E3	2.2	66.7	11.3	9	\$600	65.5	62.4	72.5	66.5			
HEETV	H2683A15X U	RRX	2.2	66.4	11.0	8	\$598	67.9	63.4	65.7	63.5			
CREDENZ	C2 2040GTL GC	LLGT27	2.0	66.4	10.8	6	\$598	71.7	65.8	69.5	58.7			
GENESIS	G2550	E3	2.5	66.4	11.1	8	\$598	70.3	62.8	68.9	63.7			
LATHAN	L 2295 R2X	RRX	2.2	65.6	10.8	7	\$595	70.3	64.7	67.5	61.2			
LATHAN	L 2295 R2X	RRX	2.2	65.6	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			
DARYLAND	DSR-2590E	E3	2.5	65.8	11.6	12	\$592	62.4	68.2	69.4	63.1			
ASGROW	AG2020X U	RRX	2.0	65.7	10.9	12	\$591	57.8	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 “\$” product name suffix are funded by soybean checkoff dollars. This program strives to gather yield and grain composition results from genetics that otherwise would not be available.

TECHNOLOGY CODE LEGEND

Product Suffix Key

CK	Check product found in early- and full- season tests
GC	Grower Comparison product from farmer 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®
AT	Agrisure® Total (CB,HXX,RW,LL,GT), formerly Agrisure® 3122
AM	Optimum® AcreMax® (YGC8,HX,LL,RR2)
AM1	Optimum® AcreMax® 1 (HXT,LL,RR2)
AML	Optimum® AcreMax® Lepta (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

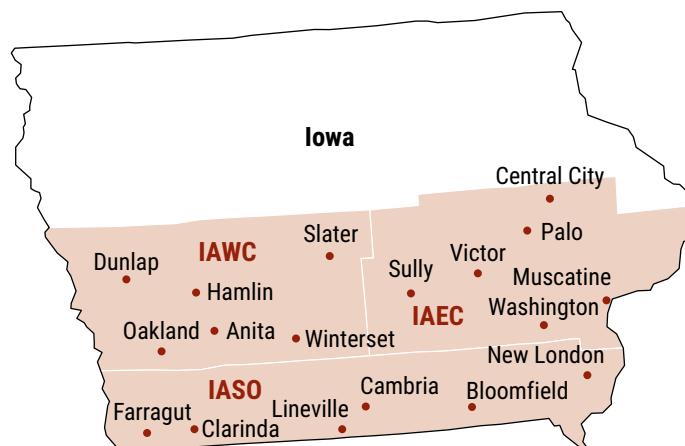
FIRST would like to thank the United Soybean Board for support and funding for the soybean entry and quality reporting program.

PRODUCTS TESTED



For the complete list of products, visit www.firstseedtests.com/archive/national-summary-reports/2022-program-guide/

CORN REGIONS: IAWC, IAEC, IASO



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 x 1,000	Yield	Bu/A	Years
Anita	Ryan Rich	silty clay loam	no-till	soybeans	180	11-May	17-Oct	34.5	224.7	242.0	8
Dunlap	Brandon McHugh	silt loam	no-till	teff grass	212	23-May	25-Oct	33.7	206.0	215.2	13
Hamlin	Brian Jensen	sandy clay loam	no-till	soybeans	160	23-May	18-Oct	33.3	272.2	280.3	1
Oakland	Mark & Keith Bentley	sandy clay loam	no-till	soybeans	190	22-May	31-Oct	33.7	251.4	223.8	12
Slater	Jason Krause	loam	minimum	soybeans	186	24-May	23-Oct	33.9	230.5	204.5	16
Winterset	Mike Erdman	sandy clay loam	no-till	soybeans	140	21-May	29-Oct	34.2	142.5	197.2	13
								IAWC	204.5	22	

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 x 1,000	Yield	Bu/A	Years
Central City	Jim Greif	loam	strip till	soybeans	183	12-May	28-Oct	32.6	251.5	205.3	19
Muscatine	Diaan Roos	silt loam	minimum	corn	190	12-May	1-Oct	33.5	253.9	219.7	11
Palo	Jason Kwapil	silty clay loam	minimum	soybeans	164	14-May	27-Oct	33.9	244.9	199.3	10
Sully	Lawrence & Mike Van Zee	silty clay loam	no-till	soybeans	154	17-May	15-Oct	34.1	253.2	224.7	11
Victor	Dan DeRycke	silt loam	minimum	soybeans	176	15-May	26-Oct	34.9	253.4	228.4	14
Washington	Tom Vittetoe	silty clay loam	no-till	soybeans, rye cover crop	36	7-May	3-Oct	34.4	224.7	220.5	19
								IAEC	205.9	22	

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 x 1,000	Yield	Bu/A	Years
Bloomfield	David & Ray Boas	silt loam	minimum	soybeans	180	16-May	4-Oct	30.9	202.3	211.2	4
Cambria	Dan Allred	silt loam	conventional	soybeans	185	19-May	1-Nov	33.5	205.4	220.3	4
Clarinda	Mike & Ben Vardaman	silty clay loam	no-till	soybeans	171	10-May	21-Oct	33.4	155.9	214.2	7
Farragut	Steve Lorimor	silt loam	no-till	soybeans	197	10-May	22-Oct	33.7	251.4	222.2	11
Lineville	Bradley Vogel	silt loam	minimum	soybeans	190	3-Jun	2-Nov	32.1	209.2	203.1	7
New London	Bradley Dodds	silty clay loam	no-till	soybeans	185	11-May	10-Oct	34.1	248.8	ND	1
								IAEC	219.3	5	

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
IAWC	221.0	263.2	228.1	238.0	211.9	204.5	22
IAEC	246.5	245.8	225.6	232.6	254.2	205.9	22
IASO	211.6	241.6	222.0	201.4	216.4	219.3	5

Corn Results: IAWC (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	Anita	Dunlap	Hamlin	Oakland	Slater	Winterset
Integra	5802 VT2PRIB	VT2P	108	232.0	15.8	1	\$1,490	2	242.8	204.5	283.1	253.2	268.0	140.1
Integra	6061 TRERIB	TRE	110	228.4	16.8	1	\$1,459	3	205.1	208.7	279.2	274.1	246.6	156.6
Latham	LH 6097 VT2P RIB	VT2P	110	226.4	16.6	1	\$1,451	5	241.5	212.9	274.5	254.6	234.3	140.8
Hoegemeyer	8052 Q	QR	110	226.3	16.1	4	\$1,453	4	204.7	203.4	287.8	287.5	234.9	139.7
InnVictis	A1062	TRE	110	225.0	16.1	1	\$1,445	6	223.1	214.4	270.1	266.1	240.1	136.4
Dyna-Gro	D49VC53	VT2P	109	224.7	16.4	1	\$1,440	7	249.7	189.3	279.4	268.1	229.4	132.2
Kruger	K1005DP	VT2P	110	223.2	16.3	1	\$1,432	9	219.9	167.5	270.6	267.5	253.3	160.2
FS InVision	FS 5725X RIB	STX	107	222.1	14.7	1	\$1,434	8	204.6	236.7	265.9	261.4	220.9	142.9
FS InVision	FS 6017V RIB	VT2P	110	222.0	16.0	1	\$1,426	10	216.3	206.0	273.6	279.1	229.1	128.0
AgriGold	A640-12STX GC	STX	110	221.1	16.9	1	\$1,413	12	226.6	190.2	280.2	252.0	218.2	159.4
FS InVision	FS 5525VDG RIB	VT2P	105	220.6	14.3	1	\$1,426	11	217.3	230.2	280.3	238.9	212.5	144.2
Kruger	K0915DD	VT2PDG	109	219.7	15.8	1	\$1,410	13	211.1	179.8	284.5	263.0	242.8	137.3
AgVenture	AV9610	AM	110	219.2	16.2	1	\$1,405	14	192.0	209.2	287.0	262.3	227.2	137.6
Renk	RK805VT2P	VT2P	110	217.4	15.9	1	\$1,397	15	244.4	193.8	268.2	241.1	227.9	128.7
FS InVision	FS 6025X RIB	STX	110	217.2	16.8	1	\$1,391	16	234.4	203.4	250.8	250.3	226.6	137.8
Renk	RK774VT2P	VT2P	108	216.4	15.7	1	\$1,391	17	233.3	173.4	266.3	266.2	228.8	130.2
Renk	RK801SSTX	STX	110	215.9	16.6	1	\$1,383	18	214.1	198.8	266.3	244.0	231.2	141.1
InnVictis	A0842	STX	108	215.2	16.5	1	\$1,378	21	227.0	187.8	246.4	266.4	224.1	139.5
Kruger	K0858DP	VT2P	108	214.8	15.9	1	\$1,379	20	243.8	155.0	268.1	255.2	223.5	143.1
Dyna-Gro	D48VC84	VT2P	108	214.7	15.7	1	\$1,380	19	232.2	190.1	270.3	246.6	204.8	144.2
Integra	5719 VT2PRIB	VT2P	107	214.0	15.4	1	\$1,378	22	223.9	186.1	255.3	242.6	224.8	151.5
Latham	LH 5725 VT2P RIB	VT2P	107	214.0	15.9	1	\$1,372	25	211.7	188.8	283.9	230.6	235.9	132.9
AgVenture	AV5508	AM	108	214.0	16.4	1	\$1,373	23	173.6	230.2	271.8	269.4	228.4	110.4
Latham	LH 5847 VT2P RIB	VT2P	108	214.0	16.6	1	\$1,370	26	201.4	173.4	273.0	237.9	250.0	148.0
Golden Harvest	G07G73-D	D	107	213.3	15.7	1	\$1,372	24	213.3	212.1	256.4	218.1	216.9	163.0
NK Brand	NK1026-DVZ	VZ	110	212.9	17.5	1	\$1,357	31	224.9	199.6	268.4	243.5	199.1	141.8
Renk	RK700SSTX	STX	108	212.5	15.7	1	\$1,366	27	194.6	187.5	265.7	265.6	234.0	127.4
Golden Harvest	G09T26-AA	AA	109	212.2	16.8	1	\$1,358	30	201.0	209.1	270.0	247.3	215.5	130.5
Wyffels	W4025	TRE	105	211.3	14.5	1	\$1,364	28	183.9	206.7	279.8	249.0	209.6	138.9
Dyna-Gro	D47SS93	STX	107	210.8	14.8	1	\$1,360	29	231.3	202.8	268.5	235.6	214.2	112.2
Pioneer	P0953AM CK	AM	109	232.8	16.0	1	\$1,496	1	225.7	232.9	278.9	242.3	239.1	177.8
Averages =				214.2	15.9	1	\$1,376		212.8	198.1	268.0	249.0	222.2	135.5
LSD (0.10) =				11.3	0.4	0.8			5.6	10.5	6.4	8.6	8.3	10.2

FULL-SEASON TEST | 111–115 Day CRM | Top 30 of 45 tested

Results in BOLD are significantly above test average.

Wyffels	W7945	TRE	114	244.9	18.2	1	\$1,553	1	274.1	203.0	273.4	270.5	246.0	202.1
Channel	214-78DGVT2PRIB GC	VT2PDG	114	242.1	18.7	1	\$1,533	2	264.5	219.2	295.4	276.3	246.2	150.8
FS InVision	FS 6595V RIB	VT2P	115	240.1	19.2	1	\$1,514	3	274.2	219.7	274.3	286.2	234.2	151.6
InnVictis	A1462	VT2P	114	238.2	18.7	1	\$1,508	5	252.5	212.3	299.0	263.4	252.2	150.1
Integra	6493 VT2P	VT2P	114	238.1	18.6	3	\$1,508	4	254.6	221.3	281.3	277.8	235.9	157.9
Renk	RK940SSTX	STX	115	237.4	18.7	1	\$1,503	6	250.1	223.4	287.4	255.0	251.2	157.3
Latham	LH 6155 VT2P RIB	VT2P	111	235.6	18.2	1	\$1,496	7	254.1	199.0	285.8	273.0	239.4	162.2
Kruger	K1501DP	VT2P	115	235.5	19.1	1	\$1,485	10	260.4	183.7	296.6	270.7	263.0	138.5
Integra	6588 VT2PRIB	VT2P	115	234.8	20.0	1	\$1,476	12	264.0	240.3	280.0	253.4	238.2	132.9
InnVictis	A1192	STX	111	234.0	17.8	1	\$1,488	8	243.7	212.8	274.5	245.7	246.0	181.4
Dyna-Gro	D53TC23RIB	TRE	113	233.0	17.5	1	\$1,486	9	246.1	232.0	290.0	257.5	235.7	136.7
Wyffels	W7876RIB	VT2P	114	233.0	19.1	1	\$1,470	15	261.7	199.5	291.6	263.3	232.5	149.1
Dyna-Gro	D54VC34RIB	VT2P	114	232.9	18.9	2	\$1,473	13	261.3	233.6	278.4	236.2	239.4	148.6
Kruger	K1191DT	TRE	111	232.4	17.6	1	\$1,480	11	258.4	213.9	275.2	264.7	233.0	149.1
Kruger	K1460DT	TRE	114	232.0	18.1	1	\$1,472	14	242.9	213.6	274.8	260.6	240.7	159.4
Integra	6284 VT2PRIB	VT2P	112	231.5	19.4	1	\$1,457	18	231.3	200.0	277.2	263.4	228.0	189.0
Renk	RK915VT2P	VT2P	115	230.9	19.6	1	\$1,453	20	237.7	208.7	290.6	269.7	235.0	143.6
Latham	LH 6477 VT2P RIB	VT2P	114	229.7	19.9	1	\$1,443	28	246.3	234.0	271.4	240.9	219.1	166.7
Dyna-Gro	D52DC82RIB	VT2PDG	112	229.4	17.6	1	\$1,461	16	255.0	193.0	278.1	266.2	236.2	147.7
Kruger	K1139SS	STX	111	228.9	17.2	1	\$1,461	17	216.0	202.8	280.7	273.4	239.8	160.7
Renk	RK958VT2P	VT2P	115	228.7	19.4	1	\$1,441	29	231.6	233.0	281.5	235.8	250.2	140.1
NK Brand	NK1188-D	D	111	228.7	17.5	1	\$1,457	19	245.3	212.2	273.4	257.0	236.6	147.6
AgVenture	AV5214	AM	114	228.6	18.9	1	\$1,444	26	225.8	230.4	277.1	239.1	261.9	137.5
Renk	RK907SSTX	STX	115	228.6	19.0	1	\$1,445	25	225.1	225.7	273.6	256.9	238.8	151.4
FS InVision	FS 6395VDG RIB	VT2PDG	113	228.0	18.0	1	\$1,448	23	224.4	196.9	281.2	277.9	245.2	142.6
Hoegemeyer	8303 AM	AM	113	227.6	17.5	1	\$1,452	21	231.7	228.6	281.1	250.6	254.3	119.3
Golden Harvest	G11V76-D	D	111	226.9	17.7	1	\$1,443	27	240.3	211.5	268.6	254.6	237.1	149.1
FS InVision	FS 6306T RIB	TRE	113	226.6	17.4	1	\$1,446	24	207.6	220.9	286.8	239.6	260.2	144.7
Wyffels	W7416RIB	VT2P	112	226.4	18.2	1	\$1,437	30	214.6	202.5	267.2	269.0	252.5	152.5
Wyffels	W6935	TRE	111	224.8	17.3	1	\$1,434	31	240.3	215.8	267.2	261.1	233.5	131.2
Pioneer	P0953AM CK	AM	109	226.1	16.7	2	\$1,448	22	227.6	230.8	277.7	225.7	228.6	166.3
Averages =				228.2	18.4	1	\$1,446		236.5	213.9	276.4	254.0	238.7	149.8
LSD (0.10) =				10.5	0.6	ns			7.4	10.3	6.7	9.8	8.9	12.1

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

EARLY-SEASON TEST | 105–110 Day CRM | Top 30 of 48 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	K0915DD	VT2PDG	109	264.7	17.9	1	\$1,687	1	264.6	266.2	255.4	278.7	275.8	247.5
NuTech	68A7AM	AM	108	264.1	19.0	1	\$1,671	2	253.4	277.9	257.3	275.6	270.4	250.0
NuTech	70B4AM	AM	110	261.8	18.8	1	\$1,660	3	284.0	255.9	263.5	252.9	271.9	242.6
FS InVision	FS 6017V RIB	VT2P	110	260.8	18.6	1	\$1,656	4	266.6	266.4	257.3	282.5	270.9	221.3
NuTech	70F6Q	QR	110	260.5	18.6	1	\$1,653	7	263.3	278.4	254.3	263.1	247.3	256.6
AgVenture	AV9610	AM	110	260.1	18.2	1	\$1,656	6	263.3	273.5	269.0	252.0	262.8	240.2
Cornelius	C7021DP	VT2P	110	259.6	17.8	1	\$1,656	5	257.8	257.3	259.2	276.7	268.0	238.8
Integra	6061 STXRIB	STX	110	258.3	19.1	1	\$1,634	12	250.4	267.3	255.0	283.5	244.8	248.6
Titan Pro	94-09 2P	VT2P	109	258.2	18.1	1	\$1,644	9	275.5	252.1	241.2	289.9	287.9	202.6
Integra	5802 VT2PRIB	VT2P	108	257.5	18.7	1	\$1,634	11	263.2	263.4	271.9	256.4	268.7	221.4
Golden Harvest	G10D21-VZ	VZ	110	256.5	18.9	1	\$1,625	14	256.3	261.9	249.5	261.4	266.7	243.1
Renk	RK805VT2P	VT2P	110	256.1	18.1	1	\$1,631	13	252.4	275.6	257.3	261.7	264.7	225.1
Wyffels	W5778RIB	STX	109	255.8	18.8	1	\$1,622	16	251.0	262.1	262.8	280.2	255.6	223.0
AgVenture	AV5508	AM	108	254.5	18.1	1	\$1,622	17	262.5	252.6	271.2	248.4	264.3	228.1
Latham	LH 5725 VT2P RIB	VT2P	107	254.5	17.6	1	\$1,624	15	273.7	264.7	246.5	250.4	249.2	242.3
NuTech	68A9AM	AM	108	254.2	18.4	1	\$1,616	18	257.8	258.6	261.1	252.5	263.9	231.3
FS InVision	FS 5525VDG RIB	VT2P	105	254.0	16.0	1	\$1,637	10	269.2	258.1	252.0	262.2	255.3	227.4
Latham	LH 6097 VT2P RIB	VT2P	110	253.2	18.5	1	\$1,609	19	262.1	256.9	253.8	259.1	260.8	226.7
Cornelius	C6847TRE	TRE	108	252.0	18.2	1	\$1,604	20	257.7	243.5	269.1	243.5	262.4	236.0
Renk	RK700SSTX	STX	108	249.9	17.6	1	\$1,596	21	262.0	273.5	239.9	256.3	247.3	220.1
Cornelius	C6936SS	STX	109	249.4	18.2	1	\$1,587	26	251.9	246.5	259.4	255.2	255.9	227.7
Renk	RK774VT2P	VT2P	108	249.4	17.6	1	\$1,593	23	251.8	264.3	250.4	237.1	260.4	232.5
Augusta	A1359 VT2P	VT2P	108	249.3	18.5	1	\$1,584	27	266.9	249.7	249.0	238.9	250.9	240.4
Latham	LH 5559 SS RIB	STX	105	249.1	17.4	1	\$1,593	24	251.2	240.5	264.1	263.0	252.0	223.7
Integra	5533 STXRIB	STX	105	248.4	16.8	1	\$1,595	22	273.9	251.9	257.1	237.2	257.4	212.7
FS InVision	FS 5725X RIB	STX	107	248.1	16.8	1	\$1,593	25	259.6	238.2	249.5	236.6	275.4	229.2
InnVictis	A0842	STX	108	248.0	18.2	1	\$1,578	29	239.7	257.0	263.7	244.9	268.5	214.0
NuTech	66C2Q	QR	106	247.2	17.7	1	\$1,579	28	250.1	258.9	258.1	233.0	254.3	229.0
Renk	RK801SSTX	STX	110	247.2	18.6	1	\$1,568	31	229.9	246.3	243.1	274.0	244.1	245.6
Titan Pro	24-05 PCE	PC,E	105	245.4	17.4	1	\$1,569	30	248.8	266.3	242.4	236.8	257.4	221.0
Pioneer	P0953AM CK	AM	109	258.5	18.0	1	\$1,647	8	249.1	276.3	253.4	246.0	293.1	233.4
Averages =				248.7	18.0	1	\$1,584		252.1	256.5	252.6	253.0	253.8	224.2
LSD (0.10) =				9.6	0.5	ns			8.3	7.4	7.8	5.9	7.7	7.2

FULL-SEASON TEST 111–115 Day CRM Top 30 of 54 tested															Results in BOLD are significantly above test average.			
Renk	RK958VT2P	VT2P	115	261.4	22.0	1	\$1,624	3	272.9	248.8	259.5	267.2	263.3	256.7				
Kruger	K1460DT	TRE	114	259.6	21.2	1	\$1,621	4	258.2	253.9	242.4	256.9	286.4	259.8				
FS InVision	FS 6395VDG RIB	VT2PDG	113	259.3	20.5	1	\$1,627	2	265.8	261.5	267.1	255.5	272.2	233.9				
Cornelius	C7366DGDP	VT2PDG	113	258.7	19.8	1	\$1,630	1	265.4	249.2	252.8	293.7	265.7	225.5				
AgVenture	AV5214	AM	114	257.8	21.5	1	\$1,606	5	270.2	269.0	242.2	263.6	262.0	239.6				
Kruger	K1501DP	VT2P	115	256.7	21.2	1	\$1,602	6	262.6	270.9	231.9	266.6	271.8	236.2				
InnVictis	A1192	STX	111	253.0	20.3	1	\$1,589	8	254.0	245.8	252.4	273.1	258.9	233.7				
Renk	RK940SSTX	STX	115	252.6	22.2	1	\$1,567	15	265.8	266.5	245.5	252.9	248.5	236.4				
NuTech	73A6Q	QR	113	252.6	20.7	1	\$1,581	10	259.0	262.3	229.7	276.3	255.1	233.0				
Renk	RK915VT2P	VT2P	115	252.1	21.4	1	\$1,571	12	249.4	259.9	252.6	264.0	272.6	214.0				
Latham	LH 6155 VT2P RIB	VT2P	111	252.0	19.9	1	\$1,586	9	248.0	255.8	266.2	252.4	253.6	235.8				
ProHarvest	84P78 TRERIB	TRE	114	251.9	21.4	1	\$1,571	13	261.4	268.8	238.3	272.0	254.9	216.4				
Kruger	K1313DD	VT2PDG	113	250.5	19.5	1	\$1,581	11	261.8	250.2	245.9	264.6	257.6	223.1				
Wyffels	W7876RIB	VT2P	114	250.3	21.7	1	\$1,558	16	258.6	243.1	236.2	266.9	266.9	230.3				
Dyna-Gro	D54VC34RIB	VT2P	114	250.0	21.6	1	\$1,556	18	264.5	249.9	236.0	257.0	254.7	238.0				
Kruger	K1139SS	STX	111	249.4	19.9	1	\$1,570	14	251.2	249.7	262.3	251.5	244.6	237.3				
Cornelius	C7373SSP	STXP	113	249.4	21.3	1	\$1,557	17	243.5	242.1	271.9	238.5	263.2	237.2				
Dyna-Gro	D55VC80RIB	VT2P	115	249.3	21.7	1	\$1,551	21	244.3	237.8	231.1	284.1	251.1	247.2				
FS InVision	FS 6595V RIB	VT2P	115	249.0	22.1	1	\$1,545	24	241.0	252.3	240.5	252.4	261.1	246.5				
ProHarvest	8360 VT2PRIB	VT2P	113	248.5	21.0	1	\$1,554	19	230.2	240.0	266.7	277.3	245.8	231.1				
NuTech	72D4Q	QR	112	248.5	21.2	1	\$1,551	20	243.2	256.1	244.8	255.7	255.1	236.0				
InnVictis	A1462	VT2P	114	248.2	21.3	1	\$1,548	22	266.0	245.3	226.8	269.8	254.1	227.5				
NuTech	72B7Q	QR	112	247.6	21.1	1	\$1,547	23	240.9	246.9	254.8	254.0	252.8	236.2				
Wyffels	W7945	TRE	114	247.0	21.0	1	\$1,544	27	254.4	254.3	237.5	241.8	264.4	229.6				
Renk	RK907SSTX	STX	115	246.0	20.8	1	\$1,540	31	257.7	242.9	251.3	241.7	254.4	228.0				
Kruger	K1191DT	TRE	111	245.7	20.4	1	\$1,542	29	252.6	241.2	238.8	262.9	255.2	223.6				
Latham	LH 6227 VT2P RIB	VT2P	112	245.3	19.9	1	\$1,545	25	263.9	247.0	241.4	246.9	259.9	212.9				
Wyffels	W7536DGRIB	VT2PDG	112	244.9	19.8	1	\$1,543	28	272.0	256.1	239.0	242.8	260.6	198.9				
NK Brand	NK1188-D	D	111	244.9	19.9	1	\$1,541	30	256.6	265.6	226.6	240.6	252.4	227.3				
FS InVision	FS 6306T RIB	TRE	113	244.4	19.4	1	\$1,544	26	244.7	232.5	261.0	246.9	244.5	237.0				
Pioneer	P0953AM CK	AM	109	252.6	19.0	1	\$1,599	7	249.9	270.5	242.0	243.0	282.3	227.7				
Averages =				245.4	20.9	1	\$1,535		251.0	251.6	238.1	253.3	253.2	225.3				
LSD (0.10) =				10.5	0.7	0.7												

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

EARLY-SEASON TEST | 106–111 Day CRM | Top 30 of 45 tested

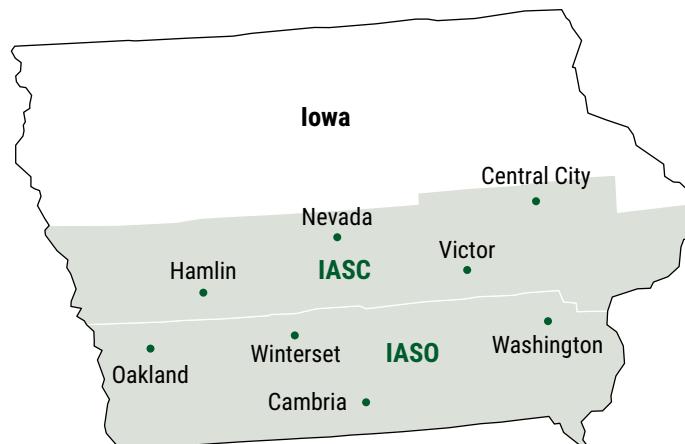
Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Bloomfield [#]	Cambria	Clarinda	Farragut	Lineville	New London
Golden Harvest	G10L16-DV	DV	110	232.0	15.7	2	\$1,489	1	216.2	226.0	184.8	240.3	251.8	272.7
Taylor	6012 TRE	TRE	111	230.4	15.5	1	\$1,478	2	243.9	211.7	198.2	264.7	215.7	247.9
NuTech	70B4AM	AM	110	227.3	15.7	1	\$1,459	3	237.7	223.9	167.9	281.5	210.9	242.1
NuTech	70F6Q	QR	110	224.1	15.8	1	\$1,436	4	217.8	209.1	132.8	262.9	254.9	267.1
NuTech	68A7AM	AM	108	223.2	15.2	1	\$1,436	5	210.3	218.6	164.9	238.2	232.4	275.0
Golden Harvest	G11V76-D	D	111	222.2	15.9	2	\$1,426	6	215.4	219.4	185.0	249.7	211.5	252.2
NK Brand	NK0877-V	V	108	220.8	15.5	2	\$1,420	8	228.0	212.7	188.7	242.9	215.6	237.2
Integra	5802 VT2PRIB	VT2P	108	220.4	14.6	1	\$1,421	7	205.7	215.4	176.2	247.8	234.4	242.9
AgriGold	A640-12STX GC	STX	110	218.2	16.1	1	\$1,397	10	216.0	225.6	199.2	245.6	175.8	246.8
Wyffels	W6935	TRE	111	218.0	15.4	1	\$1,402	9	201.8	215.7	181.6	262.6	202.5	243.6
Augusta	A1259-5222	DV	109	215.2	15.8	1	\$1,378	12	210.7	218.2	188.1	240.3	184.8	249.3
NuTech	70A8AM	AM	110	214.8	15.3	1	\$1,382	11	199.1	211.4	165.5	226.4	230.8	255.8
Hoegemeyer	7843 AM	AM	108	213.0	15.2	1	\$1,369	13	205.0	211.0	149.9	260.5	201.0	250.6
Kruger	K1139SS	STX	111	212.2	16.1	1	\$1,360	15	186.7	199.4	164.0	245.1	216.5	261.3
Renk	RK774VT2P	VT2P	108	212.1	14.8	1	\$1,366	14	206.1	196.8	152.1	234.8	236.7	246.0
AgriGold	A636-16VT2PRIB GC	VT2P	106	211.3	15.1	1	\$1,359	16	187.0	205.0	183.9	246.8	209.2	236.1
Dyna-Gro	D50VC09RIB	VT2P	110	211.3	15.1	1	\$1,358	17	215.8	198.8	110.4	261.1	221.2	260.6
FS InVision	FS 6025X RIB	STX	110	211.1	16.0	1	\$1,351	18	217.9	193.1	151.7	246.2	220.5	237.1
Integra	6061 TRERIB	TRE	110	210.0	16.2	1	\$1,344	21	190.5	208.9	157.2	244.1	196.7	262.6
Kruger	K1191DT	TRE	111	209.3	15.1	1	\$1,346	20	205.9	200.4	138.8	243.5	206.1	261.4
Kruger	K0915DD	VT2PDG	109	209.1	14.6	1	\$1,348	19	187.2	197.2	136.9	234.2	249.6	249.6
Renk	RK801SSTX	STX	110	208.7	15.8	1	\$1,339	23	202.8	203.7	150.0	234.5	228.1	233.1
Renk	RK821SSTX	STX	111	208.6	15.7	3	\$1,338	24	205.5	188.6	168.3	224.0	205.6	259.6
Taylor	EXP A-110-23	VT2P	110	208.6	15.4	1	\$1,340	22	205.3	204.4	124.5	256.6	206.9	253.8
NK Brand	NK1188-AA	AA	111	208.4	16.3	2	\$1,334	26	212.9	201.6	159.0	238.0	185.6	253.4
FS InVision	FS 6106X RIB	STX	111	206.4	15.7	1	\$1,322	28	222.9	207.7	107.2	239.8	218.1	242.8
Wyffels	W6826RIB	VT2P	111	206.1	15.1	1	\$1,326	27	202.8	201.4	141.3	237.3	222.6	231.2
AgriGold	A641-85TRCRIB GC	TRE	111	205.6	15.7	1	\$1,319	30	208.9	204.3	142.7	235.2	190.4	251.8
NuTech	68A9AM	AM	108	205.5	15.0	1	\$1,322	29	221.5	201.0	103.4	248.3	210.5	248.3
Taylor	9912 VT2P	VT2P	111	205.0	15.7	1	\$1,318	31	179.4	203.2	142.4	237.4	218.4	249.5
Pioneer	P0953AM CK	AM	109	207.7	15.3	1	\$1,335	25	207.2	203.0	127.2	248.3	211.6	248.9
Averages =				209.8	15.4	1	\$1,348		206.0	205.4	150.3	240.5	211.1	245.9
LSD (0.10) =				12.3	0.4	0.8			4.3	7.7	11.1	7.5	10.9	6.6

FULL-SEASON TEST 112–116 Day CRM Top 30 of 45 tested										Results in BOLD are significantly above test average.				
Taylor	EXP C-114-23	VT2P	114	229.2	17.7	6	\$1,458	1	192.4	208.7	199.3	280.2	229.2	265.6
Wyffels	W7876RIB	VT2P	114	227.2	18.1	1	\$1,441	4	200.7	206.7	181.8	283.4	234.9	255.6
FS InVision	FS 6395VVDG RIB	VT2PDG	113	226.2	16.7	1	\$1,446	2	206.5	198.6	176.0	284.7	224.5	266.9
Kruger	K1460DT	TRE	114	225.7	17.5	1	\$1,437	5	191.7	206.3	184.9	276.8	223.9	270.8
Integra	6342 TRERIB	TRE	113	225.0	16.0	1	\$1,442	3	218.2	206.9	172.8	255.3	241.6	255.0
FS InVision	FS 6627T RIB	TRE	116	224.2	17.5	3	\$1,427	7	207.6	220.8	202.4	272.2	186.1	255.8
Dyna-Gro	D53TC23RIB	TRE	113	222.7	16.2	1	\$1,427	6	206.2	207.6	175.1	264.4	232.6	250.6
Integra	6588 VT2PRIB	VT2P	115	221.1	18.2	1	\$1,403	9	185.7	211.4	193.5	262.0	219.8	253.9
Renk	RK940SSTX	STX	115	220.4	17.7	2	\$1,401	10	206.5	209.6	184.9	288.4	168.6	264.3
Dyna-Gro	D53SS13RIB	STX	113	220.3	17.3	2	\$1,405	8	199.8	225.4	193.4	267.8	192.0	243.6
Wyffels	W7945	TRE	114	219.5	16.9	1	\$1,401	11	203.1	199.3	189.2	269.1	185.4	271.1
Kruger	K1501DP	VT2P	115	219.1	17.1	1	\$1,397	13	205.9	193.0	181.6	276.3	206.1	251.6
NuTech	72A8AM	AM	112	218.2	16.0	1	\$1,399	12	228.3	207.2	122.3	275.3	226.6	249.9
NuTech	73A6Q	QR	113	218.2	16.5	2	\$1,395	14	210.2	221.1	163.0	255.2	205.5	253.9
Kruger	KR-4913	VT2P	113	217.5	16.9	1	\$1,388	16	204.4	206.5	159.3	269.9	209.2	255.9
Wyffels	W7536DGRI	VT2PDG	112	217.5	16.4	1	\$1,392	15	220.5	191.0	149.1	269.4	205.6	269.4
Hoegemeyer	8370 AM	AM	113	215.7	16.7	1	\$1,379	17	198.4	189.6	156.9	262.5	237.3	249.7
Taylor	8824 VT2P	VT2P	113	214.7	16.4	1	\$1,375	18	216.0	210.1	147.0	257.7	215.0	242.6
Titan Pro	82-14 2P	VT2P	114	214.4	18.8	1	\$1,355	27	186.3	207.0	169.9	243.2	231.5	248.6
Augusta	A1466-3220A-EZ	V	116	214.3	18.2	2	\$1,357	25	208.6	208.5	156.1	247.1	218.0	247.6
Renk	RK915VT2P	VT2P	115	214.2	17.0	2	\$1,366	20	202.0	200.6	172.5	263.9	171.9	274.3
FS InVision	FS 6595V RIB	VT2P	115	214.1	17.5	1	\$1,360	24	204.0	206.9	154.3	265.3	194.3	259.7
Renk	RK830SSTX	STX	112	214.0	16.3	1	\$1,369	19	206.4	210.8	158.7	257.9	190.6	259.5
NuTech	72D4AM	AM	112	213.0	16.3	1	\$1,363	22	199.6	206.5	128.6	264.5	215.6	263.4
Hoegemeyer	8303 AM	AM	113	212.9	16.2	1	\$1,366	21	173.7	200.0	172.6	261.0	222.2	248.0
Integra	6410 VT2PRIB	VT2P	114	212.5	17.0	1	\$1,356	26	205.8	202.6	155.8	269.4	203.2	238.1
NuTech	72A5Q	QR	111	212.3	16.0	1	\$1,361	23	183.0	225.7	144.0	251.5	229.8	239.7
Taylor	EXP C-116-23 GC	TRE	116	211.7	17.2	1	\$1,350	29	183.3	204.4	177.2	259.1	208.3	237.6
Renk	RK895DGVT2P	VT2PDG	113	211.4	16.2	1	\$1,355	28	188.0	211.4	159.3	252.5	210.0	247.2
Golden Harvest	G16Q8-AA	AA	116	211.4	17.4	2	\$1,346	30	206.0	199.7	162.2	248.6	197.6	254.2
Pioneer	P0953AM CK	AM	109	207.7	15.4	1	\$1,334	39	207.3	195.3	128.3	249.8	215.9	249.3
Averages =				214.5	17.0	2	\$1,369		198.5	205.3	161.5	262.3	207.4	251.8
LSD (0.10) =				10.1	0.6	1.7			13.5	8.2	13.0	10.5	9.9	5.3

[#]2 replications full-season test.

SOYBEAN REGIONS: IASC, IASO



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		Yield History	
								Stand x 1,000	Yield	Bu/A	Years
Central City	Jim Greif	silty clay loam	minimum	corn	—	14-May	9-Oct	132.7	68.8	59.7	7
Hamlin	Brian Jensen	silty clay loam	no-till	corn	—	23-May	12-Oct	136.8	75.0	85.4	1
Nevada	Shayn, Spencer, Norman Harrison	clay loam	minimum	corn	—	2-Jun	13-Oct	136.4	70.7	64.6	3
Victor	Dan DeRycke	sandy clay loam	no-till	corn	—	15-May	9-Oct	132.4	84.5	71.4	10
								IASC	58.3	20	

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		Yield History	
								Stand x 1,000	Yield	Bu/A	Years
Cambria	Dan Allred	silt loam	no-till	corn	—	3-Jun	20-Oct	122.9	50.1	61.4	4
Oakland	Mark & Keith Bentley	sandy clay loam	no-till	corn	—	22-May	16-Oct	136.7	68.2	68.6	12
Washington	Tom Vittetoe	sandy clay loam	no-till	corn	—	16-May	14-Oct	136.5	85.5	69.3	12
Winterset	Mike Erdman	sandy clay loam	no-till	corn	—	20-May	19-Oct	136.9	54.4	68.4	18
								IASO	64.2	18	

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
IASC	74.7	81.1	58.3	58.4	66.3	58.3	20
IASO	64.8	73.5	62.4	70.3	70.0	64.2	18

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

EARLY-SEASON TEST | MATURITY GROUP 2.3–2.7 | Top 30 of 36 tested

Results in BOLD are significantly above test average.

Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Central City	Hamlin	Nevada	Victor
Titan Pro	TP 25E22	E3	2.5	81.7	10.6	8	\$1,072	73.3	80.5	84.1	89.0
Asgrow	AG27XF3 U	RXF	2.7	79.1	10.7	14	\$1,039	76.7	75.2	75.9	88.8
Hoegemeyer	2763 E	E3	2.7	78.8	10.6	17	\$1,034	76.0	78.6	72.8	87.7
Kruger	K2793XF	RXF	2.7	77.6	10.1	4	\$1,018	73.4	77.0	72.0	87.9
FS HiSOY	HS 27E10	E3	2.7	77.3	10.8	11	\$1,014	71.0	78.9	76.5	82.8
P3 Genetics	2326E	E3	2.6	77.1	10.2	18	\$1,012	65.5	75.3	81.8	85.9
NuTech	25N04E	E3	2.5	77.0	11.1	9	\$1,010	80.3	72.6	69.7	85.4
NK Brand	NK25-C9XF U	RXF	2.5	76.8	10.9	18	\$1,007	71.1	81.8	67.9	86.3
FS HiSOY	HS 27F20	RXF	2.7	76.4	10.1	11	\$1,003	72.5	80.1	73.9	79.2
Golden Harvest	GH2292E3	E3	2.2	75.9	12.1	15	\$994	69.1	75.4	69.4	89.7
Cornelius	CB25XF99	RXF	2.5	75.9	10.1	10	\$996	64.2	76.8	75.4	87.2
Stine	26EC32 U	E3	2.6	75.1	10.0	7	\$985	69.1	77.8	70.4	83.0
NuTech	26N06E	E3	2.6	74.9	10.5	17	\$983	68.1	76.6	68.4	86.5
Latham	L 2786 XF	RXF	2.7	74.6	10.3	8	\$979	70.4	73.3	73.7	81.2
NuTech	27N03E	E3	2.7	74.6	10.4	21	\$979	60.1	77.2	79.3	81.7
Xitavo	XO 2613E	E3	2.6	74.6	11.0	15	\$978	76.5	76.9	63.5	81.3
FS HiSOY	HS 24F00	RXF,ST	2.4	74.2	11.1	17	\$973	68.4	71.4	72.9	84.2
Kruger	K2594XF	RXF	2.5	74.1	10.4	6	\$972	67.9	79.0	69.0	80.4
Golden Harvest	GH2653XF U	RXF	2.6	73.6	11.2	18	\$966	60.8	75.5	70.2	88.0
Stine	26EF23 U	E3	2.6	73.5	10.4	10	\$964	59.9	75.6	70.3	88.1
Xitavo	XO 2323E	E3	2.3	73.2	9.6	12	\$961	63.8	72.6	68.9	87.5
Xitavo	XO 2472E	E3,ST	2.4	73.1	12.2	17	\$957	66.4	68.9	73.3	84.0
Latham	L 2379 E3	E3	2.3	73.1	11.0	4	\$959	70.0	71.0	67.7	83.8
Pioneer	P24T35E U	E3	2.4	73.0	10.1	11	\$958	63.1	76.2	67.6	85.1
Hoegemeyer	2553 E	E3	2.5	72.9	10.3	9	\$957	71.5	77.2	57.0	85.9
Latham	L 2494 XF	RXF	2.4	72.7	10.4	13	\$953	59.4	75.8	72.9	82.5
Asgrow	AG26XF3 U	RXF	2.6	72.6	10.2	5	\$952	68.9	72.4	64.0	85.0
Xitavo	XO 2501E	E3	2.5	72.5	10.4	21	\$951	60.6	73.2	66.9	89.3
Cornelius	CB27XF34	RXF	2.7	72.4	9.9	5	\$950	76.8	72.9	64.7	75.2
Kruger	K2604XF	RXF	2.6	72.3	10.4	10	\$949	78.1	71.0	59.3	80.7
Pioneer	P26T57E CK	E3	2.6	72.4	10.1	16	\$950	61.6	76.0	70.6	81.3
Averages =				74.5	10.6	12	\$977	68.1	75.2	70.3	84.2
LSD (0.10) =				4.5	0.9	8.7		7.2	4.4	2.8	4.5

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	Nevada	Victor
Xitavo	XO 2921E	E3	2.9	79.7	10.4	4	\$1,045	85.7	76.4	74.0	82.5
Latham	L 3123 E3	E3	3.1	78.0	11.5	9	\$1,022	72.0	78.6	78.0	83.3
NK Brand	NK29-Z4E3	E3	2.9	77.9	10.2	12	\$1,022	76.2	80.2	70.7	84.5
Kruger	K3003XF	RXF	3.0	77.9	11.7	12	\$1,020	81.1	76.3	70.5	83.7
FS HiSOY	HS 31E20	E3,ST	3.1	77.9	10.2	7	\$1,021	70.9	77.9	70.8	91.8
Genesis	G2960E	E3	2.9	77.8	10.4	7	\$1,021	68.6	77.4	74.0	91.2
ProHarvest	32F26	RXF	3.2	77.8	10.6	11	\$1,021	74.4	78.7	69.2	88.9
Asgrow	AG28XF3 U	RXF	2.8	77.5	10.2	10	\$1,016	78.9	72.6	75.5	82.8
Apex	AE2920	E3	2.9	77.1	10.6	10	\$1,011	71.1	78.7	75.0	83.4
Golden Harvest	GH3023XF U	RXF	3.0	77.0	10.6	11	\$1,010	78.5	74.1	71.8	83.6
P3 Genetics	2331E	E3	3.1	76.9	11.6	20	\$1,008	65.1	76.4	74.0	92.1
FS HiSOY	HS 32F10	RXF	3.2	76.6	10.4	8	\$1,005	67.3	75.5	76.4	87.3
NK Brand	NK30-B2E3 U	E3	3.0	76.5	10.3	13	\$1,003	67.8	80.8	68.4	88.9
FS HiSOY	HS 28E10	E3	2.8	75.8	10.5	8	\$994	73.0	74.4	69.6	86.1
Cornelius	CB29XF35	RXF	2.9	75.5	10.3	8	\$991	83.7	73.9	61.4	83.1
Xitavo	XO 2832E	E3	2.8	75.5	10.4	12	\$990	73.5	76.7	74.1	77.7
Golden Harvest	GH2922E3	E3	2.9	75.3	10.3	9	\$988	69.3	71.6	70.4	90.0
Xitavo	XO 2963E	E3	2.9	75.0	10.7	18	\$985	62.5	77.8	72.7	87.1
NuTech	29N02E	E3	2.9	75.0	10.9	21	\$984	65.8	74.2	77.6	82.4
Latham	L 3086 XF	RXF	3.0	75.0	11.4	12	\$982	72.8	73.1	69.7	84.4
Asgrow	AG32XF2 U	RXF	3.2	74.9	10.5	11	\$983	65.6	79.2	65.4	89.4
NuTech	30N05E	E3	3.0	74.9	10.7	14	\$982	68.4	67.5	76.6	87.0
FS HiSOY	HS 29F10	RXF	2.9	74.8	10.7	11	\$981	74.3	72.2	71.7	80.9
Kruger	K3103XF	RXF	3.1	73.9	10.5	15	\$970	61.7	81.8	69.9	82.4
P3 Genetics	2229E	E3	2.9	73.9	9.9	5	\$969	73.7	71.1	66.7	84.0
Kruger	K3214XF	RXF	3.2	73.4	12.6	16	\$960	64.9	74.4	71.8	82.6
NuTech	31N06E	E3	3.1	73.4	11.0	10	\$962	69.4	74.8	65.2	84.0
Stine	32EE21 U	E3	3.2	73.3	11.5	18	\$960	61.3	75.6	76.1	80.0
Stine	31EF23 U	E3	3.1	73.0	10.0	8	\$958	68.1	75.6	72.3	76.2
Kruger	K2816XF	RXF	2.8	72.8	10.4	17	\$955	74.4	74.6	63.7	78.5
Pioneer	P26T57E CK	E3	2.6	72.8	10.1	10	\$955	63.6	75.9	70.9	80.7
Averages =				75.1	10.7	12	\$984	69.9	74.7	71.2	84.7
LSD (0.10) =				4.7	1.0	8		5.4	5.6	3.1	5.0

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
Asgrow	AG27XF3 U	RXF	2.7	68.0	8.9	1	\$904	49.1	65.8	94.4	62.8
Asgrow	AG28XF3 U	RXF	2.8	67.1	8.5	1	\$892	54.6	75.8	84.5	53.4
Pioneer	P30T99E U	E3	3.0	67.0	9.0	1	\$890	58.4	70.2	88.9	50.4
FS HiSOY	HS 26E20	E3	2.6	65.9	9.0	1	\$875	54.5	67.1	93.3	48.5
Kruger	K3003XF	RXF	3.0	65.9	8.7	1	\$876	48.8	69.5	89.1	56.1
Xitavo	XO 2921E	E3	2.9	65.2	9.3	1	\$867	50.5	65.1	91.1	54.3
Xitavo	XO 2963E	E3	2.9	65.1	9.2	1	\$866	54.0	72.9	79.3	54.3
NK Brand	NK30-B2E3 U	E3	3.0	64.9	9.2	1	\$863	54.7	71.1	86.2	47.6
Pioneer	P29T37E GC	E3	2.9	64.8	8.8	1	\$861	51.8	69.9	83.6	53.7
Golden Harvest	GH3043E3	E3	3.0	64.4	9.1	1	\$855	53.5	67.0	88.6	48.4
Stine	26EC32 U	E3	2.6	63.8	8.9	1	\$848	44.5	71.1	83.3	56.3
NuTech	29N02E	E3	2.9	63.3	8.8	1	\$841	51.4	64.5	80.9	56.4
Xitavo	XO 2832E	E3	2.8	62.9	9.2	1	\$835	46.6	65.9	91.8	47.1
Latham	L 3086 XF	RXF	3.0	62.7	8.8	1	\$833	42.2	69.3	82.4	56.9
NuTech	27N03E	E3	2.7	62.7	8.8	1	\$833	44.4	74.8	82.9	48.6
NK Brand	NK29-Z4E3	E3	2.9	62.4	9.0	1	\$829	50.6	66.7	81.0	51.3
Hoegemeyer	2763 E	E3	2.7	62.2	8.9	1	\$827	43.8	65.7	85.9	53.5
Genesis	G2960E	E3	2.9	62.2	9.1	1	\$827	51.1	60.1	84.7	53.0
Latham	L 2638 E3	E3	2.6	61.6	8.8	1	\$818	46.2	69.0	84.9	46.1
Pioneer	P28T02E U	E3	2.8	61.3	8.9	1	\$815	52.7	63.8	77.8	51.1
Stine	26EF23 U	E3	2.6	61.0	8.9	1	\$811	48.8	65.2	85.0	45.0
NuTech	26N06E	E3	2.6	60.1	9.1	1	\$799	44.3	62.9	86.7	46.5
Kruger	K2816XF	RXF	2.8	60.0	8.8	1	\$798	45.7	66.3	75.2	52.9
FS HiSOY	HS 29F10	RXF	2.9	59.8	8.7	1	\$794	41.8	64.2	78.2	54.8
FS HiSOY	HS 28F20	RXF,ST	2.8	59.6	9.0	1	\$792	37.1	65.6	84.3	51.4
Latham	L 2786 XF	RXF	2.7	59.6	8.9	1	\$792	44.5	58.4	82.1	53.3
Pioneer	P26T23E U	E3	2.6	59.3	9.2	1	\$789	49.7	63.2	81.9	42.5
Kruger	K2604XF	RXF	2.6	59.2	9.0	1	\$786	42.9	70.4	80.3	43.0
Brevant	B252EE GC	E3	2.5	58.4	8.8	1	\$776	43.8	69.0	75.9	44.7
Golden Harvest	GH2653XF U	RXF	2.6	58.1	8.8	1	\$772	29.6	68.1	83.5	51.2
Pioneer	P26T57E CK	E3	2.6	56.4	8.9	1	\$750	41.1	57.6	73.8	53.1
Averages =				61.7	9.0	1	\$820	47.0	66.4	83.4	50.2
LSD (0.10) =				4.2	0.3	ns		6.8	2.7	3.0	2.6

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
Genesis	G3460ES	E3,ST	3.4	73.5	9.1	1	\$977	58.6	76.2	97.5	61.7
Hoegemeyer	3413 E	E3	3.4	72.6	9.3	1	\$965	54.3	76.4	95.0	64.7
NuTech	34N02E	E3	3.4	72.2	9.5	1	\$959	58.5	72.9	98.6	58.7
Stine	32EE21 U	E3	3.2	71.6	9.0	1	\$952	59.7	73.7	89.8	63.3
Latham	L 3123 E3	E3	3.1	71.1	8.9	1	\$945	62.3	69.8	90.9	61.5
Xitavo	XO 3341E	E3	3.3	70.5	9.3	1	\$937	52.6	76.9	93.0	59.5
NuTech	35N03E	E3	3.5	70.4	9.7	1	\$936	54.6	70.3	95.6	61.0
FS HiSOY	HS 35E10	E3	3.5	70.3	9.3	1	\$934	55.8	75.5	86.8	63.0
FS HiSOY	HS 33E20	E3,ST	3.3	69.4	8.9	1	\$923	54.0	72.9	94.5	56.2
Hoegemeyer	3591 E	E3	3.5	69.2	9.5	1	\$920	60.5	72.2	82.8	61.4
P3 Genetics	2234E	E3	3.4	69.2	9.1	1	\$919	56.6	70.0	88.1	62.0
ProHarvest	34F37	RXF	3.4	68.8	9.0	1	\$914	51.8	67.8	98.1	57.3
Xitavo	XO 3651E	E3	3.6	68.4	9.5	1	\$910	57.0	73.7	79.8	63.2
Kruger	K3214XF	RXF	3.2	68.3	9.0	1	\$908	53.5	70.1	87.0	62.6
NK Brand	S35-E3	E3	3.5	68.2	9.5	1	\$906	58.1	73.1	87.3	54.1
P3 Genetics	2331E	E3	3.1	67.3	8.9	1	\$894	56.0	76.0	82.4	54.8
Apex	AE3330S	E3	3.3	67.3	8.9	1	\$894	54.5	66.3	89.0	59.4
Asgrow	AG32XF2 U	RXF	3.2	67.2	8.8	1	\$893	46.8	69.1	91.9	60.9
Latham	L 3479 E3	E3	3.4	66.8	9.0	1	\$888	50.7	67.4	88.6	60.4
Asgrow	AG35XF1 U	RXF	3.5	66.5	9.3	1	\$884	45.8	74.4	84.1	61.6
FS HiSOY	HS 35F20	RXF	3.5	66.5	9.2	1	\$884	45.5	61.2	95.1	64.1
Xitavo	XO 3483E	E3,ST	3.4	66.3	8.9	1	\$881	52.2	67.9	90.7	54.5
NuTech	31N06E	E3	3.1	66.3	9.0	1	\$881	57.2	66.3	88.5	53.2
Golden Harvest	GH3442XF U	RXF	3.4	66.3	9.0	1	\$881	47.9	68.7	98.5	50.0
FS HiSOY	HS 34F00	RXF	3.4	65.9	9.1	1	\$876	51.7	64.8	86.0	61.1
P3 Genetics	2136E	E3	3.6	65.6	9.6	1	\$871	56.9	62.6	81.7	61.0
Kruger	K3593XF	RXF	3.5	65.1	9.3	1	\$865	40.6	68.1	89.0	62.6
Pioneer	P31T64E U	E3	3.1	65.0	8.9	1	\$864	56.2	67.7	83.2	53.0
Kruger	K3305XF	RXF	3.3	64.9	9.0	1	\$863	49.4	72.0	82.8	55.6
Golden Harvest	GH3373E3S	E3,ST	3.3	64.6	9.4	1	\$859	58.1	66.4	81.7	52.2
Pioneer	P26T57E CK	E3	2.6	58.1	9.0	1	\$773	43.1	62.2	73.3	53.9
Averages =				67.3	9.1	1	\$895	53.2	69.9	87.7	58.6
LSD (0.10) =				4.4	0.3	ns		5.8	2.7	3.3	2.6

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