

first TRIALS

INDEPENDENT CORN AND
SOYBEAN YIELD TESTING

Indiana, Ohio & Michigan Edition



Matt Turner
FIRST Field Manager

mattturner1979@yahoo.com
M&D Seed Research, LLC
MITH, MISO, INNO, and OHNW Corn and Soybeans



2023 Performance Summary

FIRST Testing Methodology and Procedures

TESTING PROGRAM

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

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

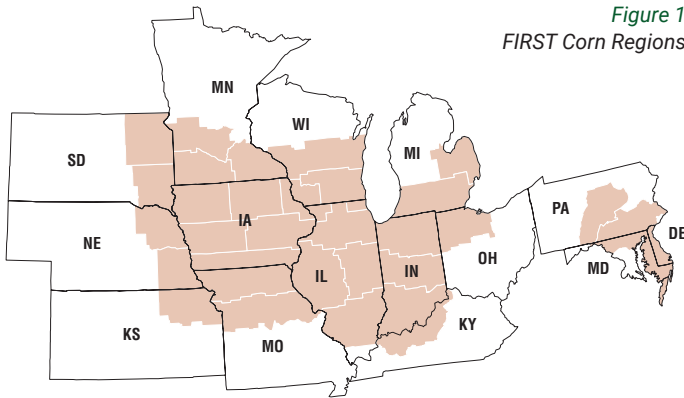


Figure 1
FIRST Corn Regions

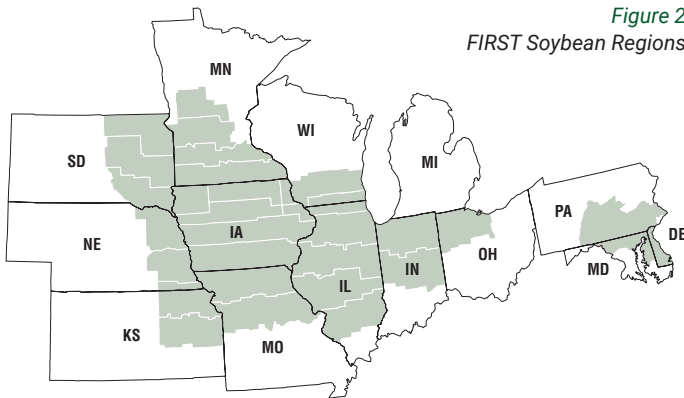


Figure 2
FIRST Soybean Regions

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

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

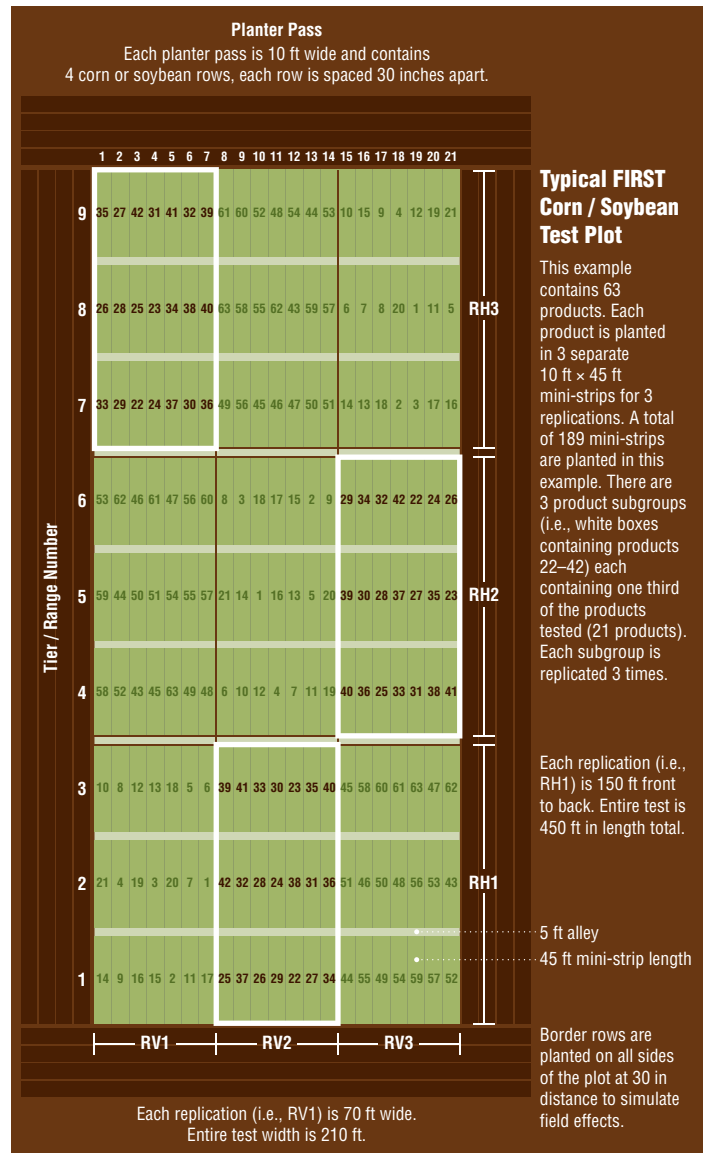
Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

side. This provides more precision in yield measurement and flexibility should a disruptive event (i.e., standing water) require elimination of non-uniform test areas.

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

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

Figure 3 FIRST Test Plot Layout



PERFORMANCE SUMMARIES

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

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

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

Figure 4 Corn Grain Performance Summary

EARLY-SEASON TEST 93-98 Day CRM Top 30 of 56 tested													
		A	B	C	D	E	Results in BOLD are significantly above test average.						
Company/Brand	Product/Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Ear Size	Oilend	Protein	Starch	Break
DAIRYLAND	DS-38100	QR.B	98	230.2	18.3	1	\$784	4	264.6	238.8	165.2	216.1	274.5
FEDERAL	4880 VT2PRB	VT2PB	98	229.4	17.4	1	\$784	4	261.3	228.1	180.0	245.8	231.8
HEFTY	H432VT2PRB	VT2PB	93	229.2	17.0	1	\$788	2	243.5	236.0	201.3	220.9	244.1
DAIRYLAND	DS-3550AM	AM.B	95	227.8	17.4	1	\$781	7	259.3	242.4	179.5	223.0	235.0
JUNG	470R429	VT2PB	97	227.7	16.9	1	\$782	5	269.1	232.1	146.2	222.5	248.5
NORTHSTAR	NS-98-513 STXRIB	STX.B	98	227.2	16.7	2	\$782	6	250.4	254.9	174.4	213.6	242.6
THUNDER	T6098 VT2P	VT2PB	98	225.5	17.1	1	\$775	8	251.0	232.9	164.4	234.4	244.6
PIONEER	P9690 GC	QR.B	96	224.3	17.0	1	\$771	10	257.9	235.5	176.7	222.7	234.0
THUNDER	T6996 VT2P	VT2PB	96	223.9	16.7	1	\$772	9	248.3	238.2	153.9	226.0	253.3
HEFTY	H4542VT2P	VT2P	95	223.1	16.1	1	\$771	11	257.8	238.4	155.4	215.3	248.3
LATHAM	LH-4657 VT2P RIB	VT2PB	96	222.6	16.8	1	\$767	12	264.9	236.2	153.5	222.5	236.1
HEFTY	H4612VT2P	VT2PB	96	222.3	16.6	1	\$766	13	252.9	245.9	150.5	235.9	228.0
INTEGRA	4601 VT2P	VT2P	96	222.2	16.8	2	\$765	14	244.1	231.6	152.8	234.1	248.2

Figure 5 Soybean Performance Summary

ALL-SEASON TEST MATURITY GROUP 1.8-2.5 Top 30 of 72 tested													
		A	B	C	D	Results in BOLD are significantly above test average.							
Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Afrigen	Oregon	Pinnacle	Warrenton		
CRENZEN	CZ-2121 GTLL GC	LLGT27	2.1	68.8	11.1	6	\$619	72.8	61.8	73.9	66.8		
FS HISSOY	HS-2488B	RRX	2.2	67.6	10.8	7	\$599	68.1	70.5	61.1	64.8		
GENESIS	G2190GL	LLGT27	2.1	67.5	10.9	8	\$607	73.0	61.7	73.7	61.6		
GOLDEN HARVEST	GH2230X	RRX	2.2	66.8	11.0	6	\$602	64.7	66.9	70.4	65.3		
TITAN PRO	T-20E499	E3	2.3	66.6	11.3	9	\$600	65.3	62.4	72.5	66.5		
PIONEER	P23A15X U	RRX	2.3	66.6	11.0	8	\$600	67.9	63.4	65.7	69.5		
CRENZEN	CZ-2040 GTLL GC	LLGT27	2.0	66.4	10.8	6	\$598	71.7	65.8	69.5	58.7		
GENESIS	G2350E	E3	2.5	66.4	11.1	8	\$598	70.2	62.9	68.9	63.7		
LATHAM	L-2549 RZX	RRX	2.5	66.1	10.8	7	\$595	70.6	64.9	67.3	61.5		
LATHAM	L-2295 RZX	RRX	2.2	65.9	10.6	9	\$594	69.2	62.9	70.4	61.2		
GENESIS	G2350E	E3	2.3	65.8	11.1	8	\$592	64.0	64.2	67.9	67.1		
DAIRYLAND	DSR-2590E	E3	2.5	65.8	11.6	12	\$592	62.4	68.2	69.4	63.1		
ASBROW	ASB2093 U	RRX	2.0	65.7	10.9	12	\$591	67.6	62.0	67.0	66.2		

PERFORMANCE MEASUREMENTS

- A Yield (Bu/A)** – Harvested grain weight and grain moisture are used to convert yield results to bushels per acre at 15% moisture (base moisture) for corn and 13% moisture for soybean. Grain shrinkage is additionally applied to product yields exceeding the base moisture.
- B Moisture (%)** – A calibrated electronic sensor measures moisture content of harvested grain.
- C Lodging (%)** – Estimated percentage of corn plants leaning more than 45° from vertical or stalks broken below the ear at harvest. Encompasses both stalk and root lodging. Estimated soybean plant leaning (0% = all plants vertical, 100% = all plants flat on the ground).
- D Gross Income (\$/A)** – Harvested crop value in dollars per acre is derived by multiplying crop yield and price per bushel minus drying costs, if any, to reach base moisture. Each Harvest Report and Performance Summary details specific crop price and drying costs.
- E Gross Income Rank** – Gross Income values are sorted from high to low then numbered consecutively (1, 2, 3...) from highest to lowest value. Ties are broken based on higher yield, lower lodging and lower moisture values.

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

STATISTICS REPORTED

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

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

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

OTHER INFORMATION

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

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

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

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

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

TECHNOLOGY CODE LEGEND

Product Suffix Key

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

Corn Seed Technology Key

CODE	DESCRIPTION
3010	Agrisure® 3010 (GT,CB,LL), formerly GT/CB/LL
3011	Agrisure® 3011 (CB,RW,LL,GT)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
A	Agrisure® Artesian®
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AT	Agrisure® Total (CB,HXX,RW,LL,GT), formerly Agrisure® 3122
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax® 1 (HXT,LL,RR2)
AML	Optimum® AcreMax® Leptra (Vip,YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect
AQ	Optimum® AQUAmax®
CONV	conventional corn
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
DVZ	DuracadeViptera™ Z3 (Vip,CB,VT,PRW,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® (VT3PHXX)
STXP	SmartStax® PRO (VT3PHXX)
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,VT,PL,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/

CORN REGIONS: MITH, MISO, INNO, OHNW



Site Description: **MITH** (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
Brown City	Dwight Bartle	loam	conventional	wheat	160	May 10	Nov 14	33.3	253.1	208.7	12
Decker	Lyle Martin	sandy loam	conventional	dry beans	170	May 11	Nov 15	33.2	232.0	223.4	6
Midland	Chris Histed	loam	minimum	soybeans	181	May 10	Nov 16	31.8	210.0	194.5	8
Reese	Robert Rau	loam	conventional	soybeans	200	May 11	Nov 16	33.2	223.4	204.9	6
Silverwood	John Ferkowicz	loamy sand	conventional	soybeans	168	May 11	Nov 15	33.3	272.0	221.7	6
								MITH	199.1	12	

Site Description: **MISO** (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
Charlotte	Jim & Dennis Orr	loam	no-till	wheat/clover	209	May 23	Nov 12	30.0	205.7	163.9	15
Hanover	Stuart Welden	sandy loam	no-till	soybeans	191	May 23	Nov 11	30.6	211.8	207.6	6
Mason	Tony Igl	loam	no-till	soybeans	204	May 23	Nov 20	29.0	205.8	178.4	16
Reading	Tom Schroeder	sandy loam	no-till	soybeans	177	May 19	Nov 10	32.5	221.5	190.9	19
Riga	Bill Bierman	clay loam	no-till	corn	220	May 18	Nov 18	28.8	230.1	192.7	15
								MISO	182.2	17	

Site Description: **INNO** (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
Howe	Carl Quirin	sandy loam	conventional	soybeans	150	May 14	Nov 2	33.2	192.2	182.8	13
New Haven	Jon Kurtz	silt loam	conventional	soybeans	176	May 22	Oct 31	33.0	239.2	240.2	3
Valparaiso	Matt Goetz	sandy loam	no-till	soybeans	218	May 5	Nov 4	33.2	259.3	199.0	6
Wabash	Troy McKillip	silt loam	conventional	soybeans	247	May 24	Nov 06	33.2	269.4	200.3	6
Wolcott	Troy Furrer	loam	strip till	soybeans	210	Apr 14	Oct 7	33.1	264.7	209.6	19
								INNO	196.7	23	

CORN REGIONS: MITH, MISO, INNO, OHNW (continued)

Site Description: OHNW (See corn results table on page 9)

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Archbold	John King	loam	conventional	soybeans	210	May 18	Nov 1	33.3	254.9	248.8	8
Caledonia	Gerald Seckel	silty clay loam	no-till	soybeans	190	May 17	Oct 27	33.4	254.4	207.1	17
Dola	Jerry McBride	silt loam	no-till	soybeans	183	May 16	Oct 26	33.1	222.5	197.0	7
McComb	Lee Newcomer	silty clay loam	conventional	soybeans	220	May 16	Nov 08	NR	NR	196.7	12
Tiffin	Joe Steyer	silt loam	conventional	soybeans	210	May 15	Nov 09	33.1	276.8	211.6	14
								OHNW	192.7	21	

CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2019–2023

FIRST Region	Average Yield by Year (Bu/A)					Since Inception	
	2023	2022	2021	2020	2019	Bu/A	#Years
MITH	238.0	220.9	241.1	–	173.8	199.1	12
MISO	214.9	222.5	210.3	184.9	174.2	182.2	17
INNO	244.4	231.0	208.8	203.7	182.0	196.7	23
OHNW	252.1	249.6	242.5	191.4	244.9	192.7	21

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

ALL-SEASON TEST 93–103 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		Brown City	Decker	Midland	Reese	Silverwood
Legacy	LC-4248	VT2P	100	256.5	19.2	1	\$1,052	2	259.3	251.9	225.9	265.9	279.7	
M & W Seeds	MW 97A VT2P	VT2P	97	255.5	18.6	1	\$1,054	1	267.8	239.4	261.0	230.9	278.4	
Dairyland	DS-3900AM	AM	99	253.6	19.1	1	\$1,041	3	265.6	243.2	233.8	236.7	288.8	
Dairyland	DS-4365AM	AM	103	251.0	19.5	1	\$1,026	8	267.2	241.0	222.4	225.9	298.9	
M & W Seeds	MW 45T56	VT2P	100	250.0	19.0	1	\$1,027	6	268.4	238.1	240.8	219.9	282.9	
Dyna-Gro	D34SS93RIB	STX	94	249.9	19.1	1	\$1,026	9	267.7	235.3	223.7	236.3	286.6	
Dairyland	DS-3601AM	AM	96	248.8	18.2	1	\$1,031	4	261.7	241.8	230.0	224.3	286.5	
M & W Seeds	MW 46T29	VT2P	99	248.7	18.5	1	\$1,026	7	265.5	230.6	218.6	235.7	293.4	
Renk	RK628VT2P	VT2P	102	248.0	19.4	1	\$1,015	17	253.1	248.5	221.4	236.7	280.6	
M & W Seeds	MW 103A VT2P	VT2P	103	247.9	19.2	1	\$1,016	16	272.1	250.0	207.1	226.8	283.7	
Legacy	LC465-23	PCE	96	247.5	18.9	1	\$1,018	15	269.8	244.6	221.1	229.1	272.9	
Legacy	LC534-23	TRE	103	247.3	19.7	1	\$1,009	20	269.9	257.4	206.1	228.1	275.3	
M & W Seeds	MW A96 PWR	PC	96	247.2	18.7	1	\$1,019	13	269.8	246.5	209.1	222.5	288.2	
Integra	4601 VT2PRIB	VT2P	96	247.1	17.5	1	\$1,030	5	264.5	235.8	211.5	236.0	287.7	
Legacy	LC451-21	VT2P	95	246.9	18.0	1	\$1,025	10	247.7	245.1	221.4	247.6	272.7	
Rob-See-Co	D98-43-TRE	TRE	98	246.6	18.3	1	\$1,020	12	268.7	237.9	213.7	230.0	282.9	
Integra	4993 TRERIB	TRE	99	246.5	18.2	1	\$1,020	11	261.5	225.6	222.2	241.1	282.4	
Dairyland	DS-4219AM	AM	102	245.9	19.9	1	\$1,001	21	265.4	255.7	202.4	215.7	290.5	
Legacy	LC474-23	PCE	97	245.6	18.5	1	\$1,013	18	265.1	263.9	216.4	209.4	273.1	
Rob-See-Co	RC4518-VT2P	VT2P	95	245.2	17.8	1	\$1,019	14	275.3	235.8	206.8	238.5	269.8	
Renk	RK597SSPRO	STXP	99	244.6	18.5	1	\$1,010	19	263.7	243.9	212.1	229.4	274.0	
Rob-See-Co	D01-90-VT2P	VT2P	101	243.0	19.0	1	\$998	23	267.0	237.7	197.3	229.9	283.0	
Renk	RK571PWE	PCE	96	241.7	18.6	1	\$996	24	260.2	238.0	206.8	223.7	279.9	
Rob-See-Co	D97-95-VT2P	VT2P	97	241.4	18.4	1	\$998	22	248.1	242.8	204.3	248.3	263.4	
Dairyland	DS-4003Q	QR	100	240.9	19.1	1	\$988	26	254.1	250.0	197.0	229.4	274.1	
Dyna-Gro	D41TC74RIB	TRE	101	240.6	19.4	1	\$984	28	258.8	239.2	203.8	223.8	277.4	
Rob-See-Co	RC4779-PCE	PCE	97	240.0	18.7	1	\$989	25	258.4	249.0	196.0	217.2	279.4	
Legacy	LC512-22	VT2P	101	239.6	19.0	1	\$985	27	246.8	230.7	223.9	235.5	261.2	
Renk	RK609VT2P	VT2P	101	237.5	18.6	1	\$980	29	248.3	224.6	208.3	237.7	268.9	
Integra	4702 VT2PRIB	VT2P	97	235.5	18.1	1	\$975	30	255.1	215.5	213.0	216.4	277.3	
Averages =				238.1	18.9	1	\$979		253.3	231.7	210.0	223.6	271.8	
LSD (0.10) =				9.0	0.4	ns			10.5	15.1	19.3	20.0	13.3	

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

EARLY-SEASON TEST 97-102 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	Results in BOLD are significantly above test average.				
									Charlotte ¹	Hanover	Mason	Reading	Riga
Wyckoff	2299 TRE RIB	TRE	102	236.4	21.0	1	\$954	1	223.7	248.9	240.4	225.9	243.0
M & W Seeds	MW 46T29	VT2P	99	228.0	20.1	1	\$926	3	232.8	240.3	220.9	215.1	231.1
Wyckoff	2250 VT2P RIB	VT2P	101	227.3	21.2	1	\$916	5	196.9	225.3	229.3	233.2	251.9
Integra	4702 VT2PRIB	VT2P	97	227.3	19.4	1	\$930	2	237.7	234.4	211.6	212.5	240.2
M & W Seeds	MW A96 PWR	PC	96	225.7	20.2	1	\$918	4	211.3	208.1	225.4	247.7	236.1
Renk	RK579DGV2P	VT2PDG	99	224.5	20.0	1	\$913	6	251.2	215.7	211.7	213.1	231.0
M & W Seeds	MW 97A VT2P	VT2P	97	223.1	19.8	1	\$910	7	209.3	215.4	221.0	249.0	220.6
Rob-See-Co	RC5134-PCE	PCE	101	222.1	22.5	1	\$883	17	208.9	203.1	232.7	227.8	238.3
Channel	200-23VT2PRIB GC	VT2P	100	222.1	21.4	1	\$893	12	196.7	230.2	207.9	220.9	254.8
Wyckoff	2160 PCE	PCE	98	221.8	20.0	1	\$903	9	235.3	209.9	216.5	228.8	218.7
Renk	RK590VT2P	VT2P	98	221.6	19.8	1	\$905	8	209.6	219.6	200.0	232.4	246.7
Renk	RK628VT2P	VT2P	102	221.2	22.0	1	\$882	18	228.5	203.7	225.1	205.6	243.1
Pioneer	P9955Q GC	QR	99	221.1	21.8	1	\$887	14	198.3	193.8	214.6	252.6	246.5
Legacy	LC-4248	VT2P	100	220.2	21.4	1	\$885	16	216.2	189.3	212.0	230.9	252.8
Rob-See-Co	RC4779-PCE	PCE	97	220.2	19.8	1	\$898	10	229.8	204.4	201.6	222.6	242.6
Specialty	28DT643	VT2PDG	98	219.8	19.6	1	\$898	11	211.0	228.7	207.2	221.6	230.8
Dairyland	DS-4219AM	AM	102	218.5	22.2	1	\$872	22	203.5	197.5	216.7	226.0	249.1
Dairyland	DS-3900AM	AM	99	218.5	20.5	1	\$885	15	208.4	212.8	212.5	215.7	243.0
Augusta	A2050 VT2P	VT2P	100	217.4	20.6	1	\$880	20	231.6	185.2	208.8	224.8	236.5
Dairyland	DS-4003Q	QR	100	217.3	21.6	1	\$871	23	213.6	200.6	219.9	203.9	248.6
Golden Harvest	G02K39-D	D	102	217.2	21.8	1	\$869	24	209.2	216.1	212.4	213.0	235.2
Partners Brand	PB 7184-PCE	PCE	101	217.0	22.6	1	\$863	30	195.3	201.1	177.4	241.4	269.7
Specialty	27D728	VT2P	97	216.5	19.2	1	\$887	13	218.7	209.8	218.5	202.2	233.2
Specialty	30DT192	TRE	100	216.1	20.5	1	\$876	21	199.7	211.0	208.9	224.5	236.5
Rob-See-Co	D98-43-TRE	TRE	98	215.9	19.8	1	\$881	19	200.5	226.8	201.1	226.1	224.8
Renk	RK600VT2P	VT2P	100	215.3	21.1	1	\$866	26	233.1	225.6	219.2	204.7	194.0
FS InVision	FS 5115X RIB	STX	101	215.3	21.4	1	\$865	28	213.2	185.4	214.4	227.3	236.3
Integra	CXINT099TRE	TRE	99	213.1	19.9	1	\$869	25	206.8	201.6	218.1	211.1	228.1
Integra	4993 TRERIB	TRE	99	212.8	20.1	1	\$865	27	221.6	211.3	182.5	209.1	239.9
Augusta	A2048-AA	AA	98	212.2	20.0	1	\$863	29	211.6	200.0	212.5	221.9	214.9
Pioneer	P0035AM CK	AM	100	209.4	21.7	1	\$838	38	218.6	206.8	191.7	196.0	233.8
Averages =				214.2	20.8	1	\$865		208.2	205.4	208.2	217.8	231.3
LSD (0.10) =				11.6	0.7	ns			18.1	23.4	19.7	20.3	19.9

FULL-SEASON TEST 103-107 Day CRM | Top 30 of 36 tested Results in BOLD are significantly above test average.

Wyckoff	2515 VT2P RIB	VT2P	107	230.7	23.5	1	\$908	1	213.1	234.9	229.7	252.3	223.5
Specialty	37D832	VT2P	107	230.5	23.6	1	\$907	3	199.9	248.2	232.7	248.3	223.4
FS InVision	FS 5335P RIB	STXP	103	229.0	22.8	1	\$907	2	215.1	235.3	222.9	235.9	236.1
Integra	5584 PWE	PCE	105	227.9	22.9	1	\$902	4	215.8	212.7	236.4	235.3	239.4
M & W Seeds	MW A107 PWR	PC	107	226.3	23.7	1	\$889	6	223.6	222.6	206.6	228.6	250.1
Legacy	LC554-21	VT2PDG	105	223.7	22.8	1	\$887	8	204.8	230.9	228.1	227.2	227.4
Legacy	LC544-22	PCE	104	223.7	23.0	1	\$884	9	213.0	241.8	204.6	226.1	232.9
M & W Seeds	MW C104 PWR	PC	104	223.6	22.4	1	\$889	5	227.5	222.0	199.1	211.7	257.6
FS InVision	FS 5525VDG RIB	VT2PDG	105	223.4	22.6	1	\$887	7	232.1	210.2	201.9	224.0	248.8
Dairyland	DS-4510Q	QR	105	221.4	22.2	1	\$883	10	199.6	237.6	212.2	236.0	221.5
Dairyland	DS-4686AM	AM	106	220.1	23.6	1	\$865	14	200.0	213.1	239.9	227.8	219.7
FS InVision	FS 5594X RIB	STX	105	219.2	23.0	1	\$867	12	208.9	203.7	215.9	232.8	234.8
Legacy	LC534-23	TRE	103	218.3	21.0	1	\$882	11	200.3	230.9	179.5	245.6	235.3
Integra	5443 DGV2PRIB	VT2PDG	104	217.4	23.2	1	\$860	15	190.3	206.5	197.0	249.4	243.7
Wyckoff	2497 PCE	PCE	107	217.0	24.0	1	\$849	22	226.3	197.5	213.5	208.0	240.0
M & W Seeds	MW 103A VT2P	VT2P	103	216.2	21.7	1	\$867	13	191.7	229.0	204.7	234.7	220.9
Augusta	A1954 PCE	PCE	104	216.2	22.4	1	\$860	16	205.3	236.9	194.5	215.3	228.8
Renk	RK720TRE	TRE	106	215.2	22.5	1	\$856	18	208.5	204.5	200.0	236.3	227.0
Wyckoff	2386 PCE	PCE	103	215.0	22.2	1	\$858	17	194.9	230.3	199.5	209.5	240.8
Renk	RK703PWE	PCE	106	214.9	24.1	1	\$841	25	201.2	209.2	195.1	217.2	252.0
Dairyland	DS-4365AM	AM	103	214.4	22.4	1	\$854	20	202.4	214.1	209.0	235.6	211.1
Dyna-Gro	D44DC73RIB	VT2PDG	104	214.2	22.1	1	\$854	19	220.1	220.4	193.8	214.6	222.3
FS InVision	FS 5725X RIB	STX	107	214.0	23.4	1	\$845	24	195.3	216.0	179.5	249.4	229.9
M & W Seeds	MW 44V42	VT2P	107	213.3	22.7	1	\$848	23	191.1	202.8	205.3	268.1	199.4
Wyckoff	2432 TRE RIB	TRE	105	213.3	23.5	1	\$839	26	215.3	204.0	203.4	218.1	226.0
Augusta	A2057-3111	3111	107	211.9	23.5	1	\$835	28	182.1	245.5	193.0	206.8	231.9
Wyckoff	2483 VT2P RIB	VT2P	105	211.3	21.3	1	\$850	21	201.0	230.2	200.8	210.9	213.4
Renk	RK707TRE	TRE	105	209.7	22.3	1	\$838	27	174.2	226.5	189.4	235.6	222.8
Specialty	35D513	VT2P	105	208.2	22.8	1	\$825	29	197.1	209.5	202.5	220.5	211.6
Renk	RK625DGV2P	VT2PDG	104	205.9	22.2	1	\$821	31	193.6	236.7	174.2	196.3	228.7
Pioneer	P0035AM CK	AM	100	205.5	21.9	1	\$823	30	176.1	214.0	203.3	219.1	215.1
Averages =				216.1	22.8	1	\$857		202.1	220.3	202.6	226.4	228.0
LSD (0.10) =				11.7	0.7	ns			16.4	19.0	22.1	20.6	17.8

¹3 replications full-season test.

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

EARLY-SEASON TEST 103-108 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	Howe	New Haven	Valparaiso	Wabash	Wolcott
Partners Brand	PB 7928-VT2PRIB	VT2P	109	262.7	20.0	1	\$1,122	1	218.6	262.3	273.6	283.3	275.7
Wyckoff	2632 SS RIB	STX	108	260.7	20.2	1	\$1,112	2	212.4	258.6	271.6	277.5	283.4
FS InVision	FS 5725X RIB	STX	107	255.0	19.0	1	\$1,103	3	223.9	243.5	262.6	260.4	284.6
ProHarvest	77P19 VT2P	VT2P	107	254.5	18.9	1	\$1,100	4	222.8	235.0	266.9	271.8	275.9
Integra	5802 VT2PRIB	VT2P	108	253.7	19.4	1	\$1,091	7	222.8	219.7	274.8	279.9	271.4
Dairyland	DS-4686AM	AM	106	253.1	19.0	1	\$1,092	6	200.9	238.6	258.1	292.1	275.8
Ebberts	7209TR RIB	TRE	108	252.1	19.5	1	\$1,081	9	218.2	225.8	272.1	288.4	256.3
Dairyland	DS-4833AM	AM	108	251.8	19.9	1	\$1,078	10	199.8	247.0	261.9	277.3	273.3
Purple Ribbon	23A08	VT2P	108	250.9	20.6	1	\$1,066	15	203.4	240.8	258.7	282.6	269.0
Specialty	38D871	VT2P	108	250.6	19.8	1	\$1,074	11	205.0	220.7	270.3	283.8	273.3
Dyna-Gro	D44DC73RIB	VT2PDG	104	250.6	17.6	1	\$1,095	5	213.5	245.1	247.8	277.2	269.3
Specialty	38G252	VT2PDG	108	249.5	19.2	1	\$1,072	12	204.0	248.8	270.5	269.6	254.8
Renk	RK625DGV2P	VT2PDG	104	247.9	17.4	1	\$1,083	8	199.1	253.3	251.0	276.6	259.3
Wyckoff	2583 TRE RIB	TRE	108	247.6	19.2	1	\$1,066	14	191.0	231.0	255.7	289.1	271.1
Partners Brand	PB 7783-PCE	PCE	107	247.5	19.9	1	\$1,061	18	202.8	217.9	264.7	279.7	272.5
FS InVision	FS 5835V RIB	VT2P	108	247.5	20.3	1	\$1,053	23	183.0	237.7	270.0	281.2	265.7
Wyckoff	2584 VT2P RIB	VT2P	108	247.2	20.5	1	\$1,050	28	195.4	242.6	258.6	281.1	258.6
Dairyland	DS-4510Q	QR	105	247.2	18.9	1	\$1,067	13	178.1	246.6	259.0	276.1	276.3
Ebberts	7188PC	PC	108	247.0	20.0	1	\$1,057	21	191.8	232.4	255.8	279.5	275.6
Ebberts	9779SSX RIB	STX	108	246.6	19.6	1	\$1,058	20	199.8	225.6	268.8	271.2	267.8
Specialty	37D832	VT2P	107	245.1	19.5	1	\$1,052	24	203.8	238.8	252.9	270.6	259.5
Renk	RK720TRE	TRE	106	244.4	18.3	1	\$1,061	17	204.8	227.6	259.2	272.3	258.3
Augusta	A2057-3111	3111	107	244.3	19.1	1	\$1,052	25	214.8	233.7	250.3	267.6	255.2
Renk	RK707TRE	TRE	105	244.2	17.9	1	\$1,061	16	199.1	235.1	254.9	286.1	246.0
Dairyland	DS-4365AM	AM	103	244.1	18.1	1	\$1,061	19	205.9	245.7	252.2	263.5	253.5
Integra	5704 SSSPRO	STXP	107	243.5	18.8	1	\$1,051	26	189.1	232.6	263.5	269.9	262.4
FS InVision	FS 5335P RIB	STXP	103	243.4	18.4	1	\$1,055	22	183.7	237.8	263.4	270.4	261.7
Specialty	35D513	VT2P	105	241.4	18.3	1	\$1,048	29	197.6	232.5	258.3	262.8	255.8
FS InVision	FS 5525VDG RIB	VT2PDG	105	240.5	17.5	1	\$1,051	27	193.9	240.5	243.9	265.0	259.2
Integra	5443 DGV2PRIB	VT2PDG	104	240.4	18.3	1	\$1,043	31	187.2	233.7	248.6	273.1	259.3
Pioneer	P0859AM CK	AM	108	242.8	19.3	1	\$1,044	30	170.3	238.5	263.9	280.3	261.3
Averages =				243.3	19.1	1	\$1,048		194.9	233.7	256.1	271.1	260.5
LSD (0.10) =				8.5	0.5	ns			14.6	16.7	11.4	13.5	10.8

FULL-SEASON TEST 109-112 Day CRM | Top 30 of 48 tested

Results in BOLD are significantly above test average.

Wyckoff	2679 DGV2P RIB	VT2PDG	112	262.4	21.8	1	\$1,102	1	202.0	270.9	277.8	280.7	280.6
Integra	6274 VT2PRIB	VT2P	112	259.5	21.8	1	\$1,091	2	207.8	260.9	274.4	274.6	279.6
FS InVision	FS 6133VDG RIB	VT2PDG	111	259.4	22.6	1	\$1,083	3	208.2	256.7	271.1	273.1	288.2
Ebberts	6444VT2P RIB	VT2P	114	256.8	23.1	1	\$1,066	11	225.4	243.8	275.6	269.6	269.8
Ebberts	6883DGV2P RIB	VT2PDG	112	255.5	22.0	1	\$1,071	7	198.4	249.5	268.4	282.4	278.9
Renk	RK766SSPRO	STXP	109	254.9	20.6	1	\$1,080	4	201.8	269.8	262.1	276.9	264.2
Dairyland	DS-5095AM	AM	110	254.8	21.4	1	\$1,074	6	193.9	260.2	270.5	281.1	268.5
Purple Ribbon	23A12	VT2PDG	112	254.6	22.2	1	\$1,068	9	207.4	251.3	266.4	260.0	288.2
Specialty	42D843	VT2P	112	254.5	23.7	1	\$1,052	18	209.0	241.5	268.7	264.9	288.4
Specialty	39G569	VT2PDG	109	254.1	21.0	1	\$1,076	5	200.8	254.7	256.3	279.7	278.9
ProHarvest	79P87 SSRIB	STX	109	254.0	21.8	1	\$1,069	8	198.0	253.6	279.7	258.1	280.7
Wyckoff	2711 VT2P RIB	VT2P	112	253.9	23.1	1	\$1,057	16	192.0	246.7	267.9	276.2	286.8
Wyckoff	2667 DGV2P RIB	VT2PDG	111	253.8	22.3	1	\$1,060	14	199.7	255.5	275.0	269.1	269.7
FS InVision	FS 6217T RIB	TRE	112	253.1	21.9	1	\$1,062	13	195.3	251.9	265.5	278.7	274.0
Purple Ribbon	23A10	VT2P	110	252.2	21.2	1	\$1,066	12	195.3	247.7	264.1	273.6	280.2
Great Heart	HT-7256DGV2P	VT2PDG	112	251.1	22.3	1	\$1,051	19	189.8	244.3	273.3	269.3	278.5
ProHarvest	81P88 TRERIB	TRE	111	250.0	21.8	1	\$1,049	21	205.7	247.2	269.0	270.3	257.8
Purple Ribbon	24A09	VT2P	109	248.9	19.9	1	\$1,067	10	197.3	245.2	265.5	256.9	279.5
Dairyland	DS-5177AM	AM	111	248.7	20.5	1	\$1,058	15	182.3	246.2	271.6	271.9	271.4
FS InVision	FS 6137PC	PCE	111	248.2	20.7	1	\$1,054	17	186.7	247.8	267.2	269.6	269.9
Integra	6061 STXRIB	STX	110	248.0	21.8	1	\$1,042	23	195.4	242.5	272.1	263.5	266.6
Renk	RK773TRE	TRE	109	247.6	20.6	1	\$1,051	20	178.4	246.2	267.3	276.5	269.8
Purple Ribbon	23A11 TRE	TRE	111	247.4	21.9	1	\$1,039	27	197.5	251.2	258.3	258.9	271.1
Specialty	39P573	STXP	109	246.8	20.8	1	\$1,046	22	185.3	246.3	265.4	277.4	259.8
Renk	RK811PWE	PCE	111	245.9	20.9	1	\$1,041	24	176.9	256.2	266.7	263.4	266.2
Ebberts	6220VT2P RIB	VT2P	110	245.2	21.1	1	\$1,036	29	187.0	249.7	256.0	272.2	261.3
Wyckoff	2656 PCE	PCE	111	245.2	21.3	1	\$1,036	30	178.9	235.4	259.4	273.8	278.5
Dairyland	DS-5250AM	AM	112	245.0	21.1	1	\$1,039	26	194.2	247.2	269.2	237.2	277.3
Specialty	41DT911	TRE	111	244.6	20.9	1	\$1,039	25	180.8	232.1	259.0	271.4	279.9
Augusta	A2061-PWE	PCE	111	244.0	20.5	1	\$1,037	28	171.5	238.5	261.2	283.0	265.8
Pioneer	P0859AM CK	AM	108	240.7	19.8	1	\$1,030	33	184.7	249.4	242.7	271.4	255.5
Averages =				246.7	21.6	1	\$1,039		189.5	244.5	262.7	267.9	268.8
LSD (0.10) =				7.2	0.5	ns			14.4	15.0	9.8		

Corn Results: OHNW (See site description on page 6)

EARLY-SEASON TEST 103-108 Day CRM Top 30 of 40 tested										Results in BOLD are significantly above test average.				
Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Archbold	Caledonia	Dola	McComb#	Tiffin	
Dyna-Gro	D48VC84	VT2P	108	271.4	21.2	1	\$1,091	1	271.4	283.9	234.3	194.2	296.1	
Integra	5802 VT2PRIB	VT2P	108	265.2	20.4	1	\$1,076	3	270.2	262.1	242.2	211.5	286.4	
FS InVision	FS 5725X RIB	STX	107	264.7	20.1	1	\$1,076	4	259.7	267.1	238.4	144.7	293.6	
Partners Brand	PB 7928-VT2PRIB	VT2P	109	264.3	21.4	1	\$1,061	7	279.6	265.8	223.2	153.7	288.6	
Seed Consultants	SC1084AM	AM	108	263.3	20.9	1	\$1,062	6	266.4	264.6	227.1	166.6	295.1	
M & W Seeds	MW C104 PWR GC	PC	104	262.9	19.4	1	\$1,077	2	263.4	258.6	238.4	185.4	291.2	
Buckeye Hybrids	RR8815 VT2P	VT2P	108	262.7	21.2	1	\$1,057	8	262.8	267.2	218.9	202.6	302.1	
Rob-See-Co	RC5422-PCE	PCE	104	261.1	18.6	4	\$1,075	5	248.1	276.9	236.1	139.8	283.3	
Seed Consultants	SC1042Q	QR	104	260.4	21.0	1	\$1,051	11	265.7	247.2	229.8	196.5	298.8	
Dyna-Gro	D47SS93	STX	107	258.6	19.7	1	\$1,055	9	271.0	256.9	215.7	187.0	291.0	
Wyckoff	2584 VT2P RIB	VT2P	108	258.3	21.7	1	\$1,035	22	255.2	254.5	236.8	210.0	286.7	
FS InVision	FS 5335P RIB	STXP	103	257.8	19.9	1	\$1,050	12	255.4	273.9	238.6	205.0	263.4	
Wyckoff	2583 TRE RIB	TRE	108	257.8	20.7	2	\$1,041	18	268.1	267.0	213.4	195.0	282.5	
Integra	5584 PWE	PCE	105	257.7	19.4	2	\$1,054	10	257.0	268.9	228.6	168.3	276.2	
Wyckoff	2515 VT2P RIB	VT2P	107	257.1	20.1	3	\$1,043	15	251.8	268.0	225.2	207.5	283.6	
Ebberts	7209TR RIB	TRE	108	257.1	20.4	1	\$1,042	16	260.3	260.2	224.9	210.0	283.1	
FS InVision	FS 5594X RIB	STX	105	255.7	19.5	1	\$1,045	14	247.3	266.4	234.0	174.6	275.0	
Wyckoff	2432 TRE RIB	TRE	105	254.8	19.9	1	\$1,037	20	255.5	259.9	221.9	197.9	282.1	
Augusta	A1954 PCE	PCE	104	253.6	19.4	1	\$1,037	21	242.8	263.9	231.5	140.4	276.4	
Renk	RK707TRE	TRE	105	253.4	18.8	1	\$1,041	17	247.0	273.0	217.3	216.8	276.4	
FS InVision	FS 5525VDG RIB	VT2PDG	105	253.2	18.4	1	\$1,047	13	253.7	248.7	234.2	145.7	276.2	
Wyckoff	2632 SS RIB	STX	108	253.2	21.8	1	\$1,011	26	244.8	264.3	218.1	172.9	285.5	
FS InVision	FS 5835V RIB	VT2P	108	251.8	21.9	2	\$1,006	28	256.6	252.0	218.4	215.7	280.0	
Renk	RK625DGV2P	VT2PDG	104	251.4	18.2	1	\$1,039	19	237.7	273.2	225.3	159.6	269.6	
Rob-See-Co	RC5694-VT2P	VT2P	106	250.6	19.5	1	\$1,025	23	248.3	256.4	221.6	178.7	276.2	
Integra	5443 DGV2PRIB	VT2PDG	104	250.4	19.6	1	\$1,023	24	252.3	260.8	212.7	173.4	275.9	
Seed Consultants	SC1054AM	AM	105	248.8	19.5	1	\$1,017	25	239.6	256.6	223.8	118.3	275.3	
Ebberts	9779SSX RIB	STX	108	248.4	21.3	1	\$998	30	229.8	250.7	234.5	145.9	278.7	
Pioneer	P0035AM GC	AM	100	245.3	19.7	1	\$1,000	29	247.1	250.9	218.8	164.9	264.4	
Dyna-Gro	D44DC73RIB	VT2PDG	104	243.8	18.1	2	\$1,009	27	229.7	252.9	221.4	143.4	271.2	
Pioneer	P0859AM CK	AM	108	242.5	20.6	1	\$982	35	238.7	240.5	217.8	170.4	273.0	
Averages =				252.1	20.3	1	\$1,022		250.9	257.5	222.2	174.4	277.7	
LSD (0.10) =				8.6	0.7	1.3			14.4	13.6	16.0	33.1	11.6	
FULL-SEASON TEST 109-112 Day CRM Top 30 of 40 tested										Results in BOLD are significantly above test average.				
Integra	6274 VT2PRIB	VT2P	112	267.5	23.3	1	\$1,055	2	274.7	262.1	247.5	178.9	285.9	
FS InVision	FS 6017V RIB	VT2P	110	264.0	21.4	1	\$1,061	1	278.9	249.8	239.1	145.1	288.3	
Renk	RK773TRE	TRE	109	261.6	22.4	1	\$1,041	3	263.8	255.3	236.3	173.6	291.1	
Integra	6061 STXRIB	STX	110	261.0	22.7	1	\$1,034	4	274.4	264.3	228.6	186.1	276.7	
Augusta	A2061-PWE	PCE	111	258.9	23.3	1	\$1,022	5	262.1	254.1	232.9	165.5	286.6	
FS InVision	FS 6025X RIB	STX	110	258.3	23.6	1	\$1,015	8	262.8	263.5	234.5	138.4	272.5	
FS InVision	FS 6133VDG RIB	VT2PDG	111	257.4	25.6	1	\$990	23	256.6	263.2	240.7	143.4	269.1	
Renk	RK766SSPRO	STXP	109	257.0	22.5	1	\$1,021	6	269.3	257.2	235.5	176.5	266.1	
Dyna-Gro	D50VC09RIB	VT2P	110	256.6	22.5	1	\$1,020	7	252.2	247.1	242.8	149.5	284.6	
Ebberts	6883DGV2P RIB	VT2PDG	112	256.4	23.0	1	\$1,012	9	269.3	259.4	226.4	162.0	270.4	
Rob-See-Co	RC6131-TRE	TRE	111	256.0	23.8	1	\$1,002	13	269.4	262.4	225.5	157.0	266.7	
FS InVision	FS 6137PC	PCE	111	255.6	23.5	1	\$1,005	12	271.6	260.8	217.3	161.2	272.8	
Integra	6244 PWE	PCE	112	254.3	23.0	1	\$1,005	11	258.8	258.3	219.7	147.3	280.5	
Wyckoff	2679 DGV2P RIB	VT2PDG	112	253.8	23.6	1	\$998	17	266.9	253.7	221.3	129.9	273.5	
Seed Consultants	SC1093AM	AM	109	253.7	23.1	1	\$1,001	14	262.3	249.9	220.3	175.7	282.3	
Rob-See-Co	RC6232-DGV2P	VT2PDG	112	253.6	24.2	1	\$990	24	269.1	245.8	232.9	166.6	266.5	
Seed Consultants	SC1122Q	QR	112	253.5	23.8	1	\$994	21	254.2	254.5	218.5	187.8	287.0	
Renk	RK811PWE	PCE	111	253.4	22.3	1	\$1,007	10	259.7	263.8	208.6	133.4	281.6	
Wyckoff	2711 VT2P RIB	VT2P	112	253.0	25.1	1	\$982	28	267.1	234.5	224.1	180.6	286.3	
Wyckoff	2656 PCE	PCE	111	252.7	23.6	1	\$994	20	260.0	249.1	211.2	151.7	290.7	
Augusta	A2262-3110	3110	112	252.7	25.2	1	\$980	30	265.8	236.5	227.8	163.7	280.8	
NK Brand	NK1040-AA	AA	110	252.2	23.2	1	\$995	19	254.5	251.1	219.4	211.8	284.0	
Seed Consultants	SC1112AM	AM	111	252.2	22.7	1	\$1,000	15	262.6	248.2	211.9	117.8	286.3	
Wyckoff	2678 VT2P RIB	VT2P	111	251.9	24.5	1	\$983	27	262.5	240.1	233.9	164.4	271.3	
Ebberts	6220VT2P RIB	VT2P	110	251.9	22.8	1	\$998	18	266.9	243.3	225.3	145.7	272.2	
FS InVision	FS 6217T RIB	TRE	112	251.5	23.2	1	\$993	22	266.4	247.4	215.9	164.1	276.4	
Ebberts	6444VT2P RIB	VT2P	114	251.0	24.8	1	\$975	31	256.2	243.2	227.3	114.0	277.5	
Golden Harvest	G11V76-AA	AA	111	250.8	23.5	1	\$987	26	262.8	247.5	206.4	113.5	286.4	
Rob-See-Co	RC5929-VT2P	VT2P	109	249.4	22.8	1	\$988	25	235.7	246.6	230.2	192.8	285.0	
Buckeye Hybrids	RR9012 AA	AA	110	248.4	23.0	1	\$980	29	249.9	256.7	211.7	145.9	275.6	
Pioneer	P0859AM CK	AM	108	248.8	21.3	1	\$1,000	16	249.8	249.5	212.6	92.2	283.4	
Averages =				252.2	23.4	1	\$993		258.9	251.0	222.8	156.2	276.1	
LSD (0.10) =				8.5	0.9	ns			12.1	10.8	12.9	42.8	13.5	

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

SOYBEAN REGIONS: INNO, OHNW



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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Howe	David Larimer	sandy loam	conventional	corn	–	May 25	Oct 18	NR	NR	64.0	12
Remington	Ron Hathaway	silt loam	conventional	corn	–	May 17	Oct 24	131.7	72.6	59.1	4
Valparaiso	Matt Goetz	loam	minimum	corn	–	May 6	Nov 07	114.6	68.4	60.4	5
Wabash	Troy McKillip	silt loam	conventional	corn	19	May 24	Oct 24	127.6	72.2	59.3	4
								INNO		61.9	21

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

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Ada	Cody Handley	silt loam	conventional	corn	–	May 16	Nov 04	132.1	71.2	47.5	2
Delphos	Steve Buettner	silty clay	conventional	corn	–	May 18	Oct 24	131.6	71.3	63.6	4
McComb	Lee Newcomer	silty clay loam	conventional	corn	–	May 16	Oct 9	NR	NR	55.9	7
Tiffin	Joe Steyer	sandy loam	conventional	corn	–	May 15	Oct 10	132.0	73.8	63.9	7
								OHNW		56.7	13

SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2019–2023

FIRST Region	Average Yield by Year (Bu/A)					Since Inception	
	2023	2022	2021	2020	2019	Bu/A	#Years
INNO	71.0	57.1	61.5	57.9	58.3	61.9	21
OHNW	72.1	65.4	70.2	56.1	–	56.7	13

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

ALL-SEASON TEST MATURITY GROUP 2.4-3.4 Top 30 of 72 tested								Results in BOLD are significantly above test average.			
Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Howe#	Remington	Valparaiso	Wabash
Dyna-Gro	S25EN74	E3	2.5	77.3	12.7	1	\$1,004	34.9	82.0	74.1	75.8
Stine	27EG22 U	E3	2.7	76.0	12.8	2	\$987	39.8	77.3	74.1	76.5
Partners Brand	PB 3024-E3S	E3,ST	3.0	75.9	13.1	1	\$986	35.8	76.8	72.4	78.5
Dairyland	DSR-2444E	E3	2.4	75.1	13.2	1	\$975	35.5	78.5	70.4	76.3
Apex	AE3340	E3	3.3	75.0	13.3	1	\$974	25.7	78.2	73.3	73.4
NK Brand	NK24-A2E3S	E3,ST	2.4	74.9	13.0	1	\$974	47.2	81.8	71.6	71.4
Partners Brand	PB 2524-E3	E3	2.5	74.6	12.9	1	\$970	32.8	76.9	73.1	73.9
Xitavo	XO 3014E	E3,ST	3.0	74.4	13.0	1	\$967	27.9	74.9	76.5	71.8
Ebberts	E2980 E3	E3	2.9	74.3	13.0	1	\$965	30.6	76.0	75.2	71.5
Ebberts	E2570 E3	E3	2.5	74.1	13.0	1	\$964	30.1	77.2	70.8	74.5
Ebberts	E3380 E3	E3	3.3	74.1	13.3	2	\$962	32.7	77.6	71.4	73.2
Wyckoff	W3085E3	E3,ST	3.0	73.9	12.9	1	\$961	32.0	73.5	69.6	78.7
NK Brand	NK26-M6E3 U	E3	2.6	73.9	13.0	1	\$960	44.3	78.4	69.4	73.8
Dairyland	DSR-2717E	E3	2.7	73.8	12.8	1	\$960	24.5	78.1	70.5	73.0
Xitavo	XO 3224E	E3	3.2	73.8	13.2	1	\$958	41.8	72.8	75.4	73.2
NK Brand	NK28-B9E3S	E3,ST	2.8	73.8	13.0	1	\$958	30.2	77.1	66.3	78.0
Wyckoff	W2570E3	E3	2.5	73.8	12.8	1	\$959	38.8	80.0	68.4	73.0
FS HISOY	HS 25E30	E3	2.5	73.6	12.8	1	\$956	26.5	73.7	71.4	75.6
Apex	AE2940S	E3,ST	2.9	73.5	13.0	1	\$954	29.7	75.3	71.8	73.2
Wyckoff	W2980E3	E3	2.9	73.4	13.0	1	\$954	21.8	75.9	71.6	72.7
Dyna-Gro	S31EN14	E3	3.1	73.2	13.2	1	\$950	36.4	78.3	65.8	75.6
Purple Ribbon	31E23	E3	3.1	73.2	12.9	1	\$951	34.9	74.2	68.8	76.6
Apex	AE3131S	E3,ST	3.1	72.7	12.9	1	\$945	47.1	72.0	72.3	73.9
Stine	33EG02 U	E3	3.3	72.7	13.3	3	\$944	34.5	70.9	70.8	76.5
Asgrow	AG27XF3 U	RXF	2.7	72.7	12.9	3	\$944	37.3	73.0	71.4	73.6
Dairyland	DSR-3499E	E3	3.4	72.7	13.4	2	\$943	27.4	76.6	68.7	72.7
Wyckoff	W2885E3	E3	2.8	72.4	12.9	1	\$941	40.0	75.1	68.8	73.3
Purple Ribbon	33E23	E3	3.3	72.2	12.8	1	\$939	30.9	73.6	70.9	72.2
Wyckoff	W3380E3	E3	3.3	72.1	13.2	2	\$937	34.1	70.3	74.1	72.0
Ebberts	E3171 E3	E3	3.1	71.9	13.0	1	\$935	36.3	73.5	67.9	74.3
Averages =				71.0	13.0	1	\$923	35.0	72.5	68.4	72.2
LSD (0.10) =				3.2	0.1	0.7		9.0	4.2	4.1	4.3

*Results rejected, not included in summary: Howe—severe white mold damage.

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

ALL-SEASON TEST MATURITY GROUP 2.4-3.4 Top 30 of 48 tested								Results in BOLD are significantly above test average.			
Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Ada	Delphos	McComb*	Tiffin
Ebberts	E3171 E3	E3	3.1	76.1	12.5	1	\$1,001	77.5	77.8	75.4	73.1
Rob-See-Co	IS3188E3 GC	E3	3.1	75.7	12.6	1	\$995	75.0	74.5	60.7	77.5
Asgrow	AG33XF3 U	RXF	3.3	75.4	12.9	1	\$992	76.3	73.6	—	76.3
FS HISOY	HS 31E20	E3,ST	3.1	74.9	12.7	1	\$985	74.7	72.9	75.4	77.0
Stine	28EG29 U	E3	2.8	74.6	12.7	1	\$981	77.7	74.5	77.3	71.6
Seed Consultants	SC 7293E	E3	2.9	74.6	12.6	1	\$982	70.5	74.7	65.7	78.7
FS HISOY	HS 28E10	E3	2.8	74.4	12.6	1	\$979	70.4	74.7	68.9	78.1
Asgrow	AG27XF3 U	RXF	2.7	74.2	12.7	1	\$975	76.5	70.5	—	75.5
Xitavo	XO 3014E	E3,ST	3.0	74.2	12.8	1	\$975	74.3	73.8	62.9	74.4
Rob-See-Co	IS2566E3 GC	E3	2.5	73.9	12.6	1	\$973	74.3	74.5	67.5	73.0
FS HISOY	HS 28F30	RXF	2.8	73.8	12.6	1	\$971	72.8	72.0	—	76.5
Xitavo	XO 2832E	E3	2.8	73.8	12.5	1	\$970	73.7	74.8	63.7	72.8
Xitavo	XO 3224E	E3	3.2	73.8	13.1	1	\$971	72.3	71.4	71.2	77.6
Stine	27EG22 U	E3	2.7	73.5	12.4	1	\$968	73.9	72.2	66.1	74.5
Seed Consultants	SC 7332E	E3	3.3	73.3	13.1	1	\$965	71.5	68.4	65.1	80.0
Seed Consultants	SC 7311E	E3	3.1	73.1	12.7	1	\$962	72.5	69.7	73.6	77.1
Golden Harvest	GH3373E3S	E3,ST	3.3	72.9	12.7	1	\$959	69.3	73.0	70.4	76.3
Golden Harvest	GH2814E3S U	E3,ST	2.8	72.6	12.4	1	\$956	71.6	70.4	73.6	76.0
Ebberts	E3580 E3	E3	3.4	72.6	13.1	1	\$956	68.8	70.9	66.6	78.2
Ebberts	E3380 E3	E3	3.3	72.6	12.9	1	\$956	69.2	72.0	74.3	76.6
Stine	33EG02 U	E3	3.3	72.5	12.9	1	\$954	76.2	68.5	70.9	72.9
Xitavo	XO 3483E	E3	3.4	72.5	12.8	1	\$954	70.7	70.9	69.0	75.9
Golden Harvest	GH3043E3	E3	3.0	72.5	12.6	1	\$954	66.7	73.0	56.6	77.8
Pioneer	P33A85E U	E3	3.3	72.5	12.5	1	\$954	72.0	71.7	74.7	73.8
Partners Brand	PB 3024-E3S	E3,ST	3.0	72.4	12.9	1	\$952	71.8	75.0	72.9	70.5
Xitavo	XO 2444E	E3,ST	2.4	72.3	12.5	1	\$951	69.8	72.3	69.4	74.8
Xitavo	XO 3131E	E3	3.1	72.1	13.1	1	\$948	75.0	68.8	74.5	72.5
Ebberts	E3370 E3	E3	3.3	72.0	12.7	1	\$947	70.7	73.7	72.9	71.6
GDM Seed	EXPERIMENTAL 2	E3	2.9	71.9	12.5	1	\$947	68.5	71.2	55.6	76.1
NK Brand	NK26-M6E3 U	E3	2.6	71.9	12.7	1	\$947	67.0	71.9	73.8	76.8
Averages =				71.4	12.7	1	\$945	71.2	71.3	69.3	73.8
LSD (0.10) =				3.4	0.3	ns		4.0	3.3	7.5	3.9

*Results rejected, not included in summary: McComb—accidental Enlist application killed RXF beans.

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THANK YOU!

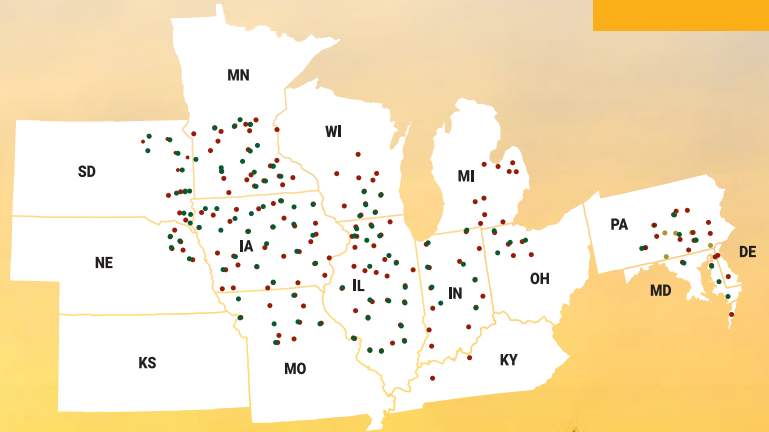
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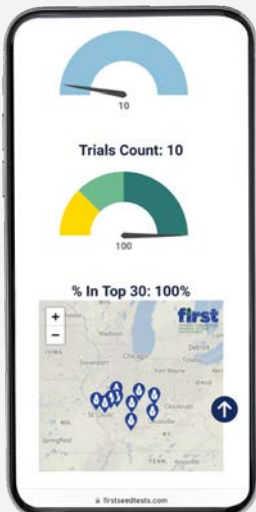
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