

# first TRIALS

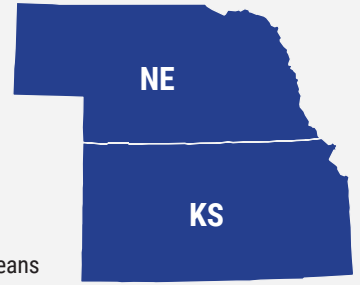
INDEPENDENT CORN AND  
SOYBEAN YIELD TESTING

## Kansas & Southern Nebraska Edition



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Agri Seed Research, LLC  
NESE, KSNE and KSEC 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.

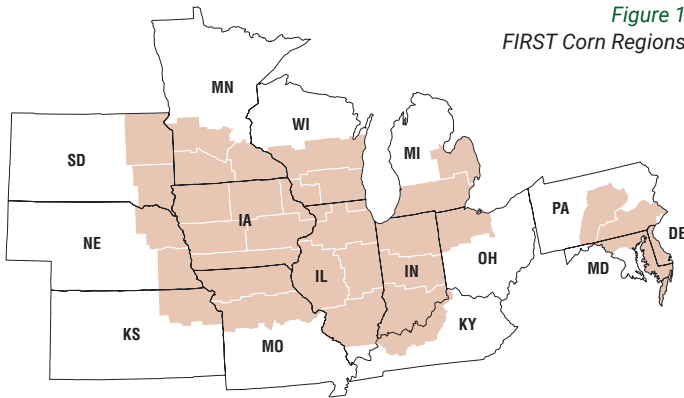


Figure 1  
FIRST Corn Regions

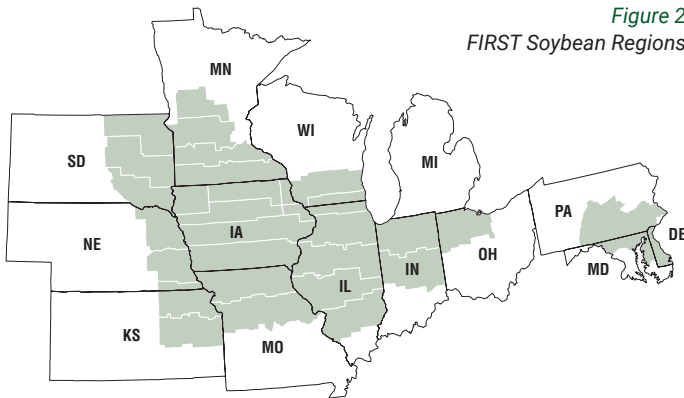


Figure 2  
FIRST Soybean Regions

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.

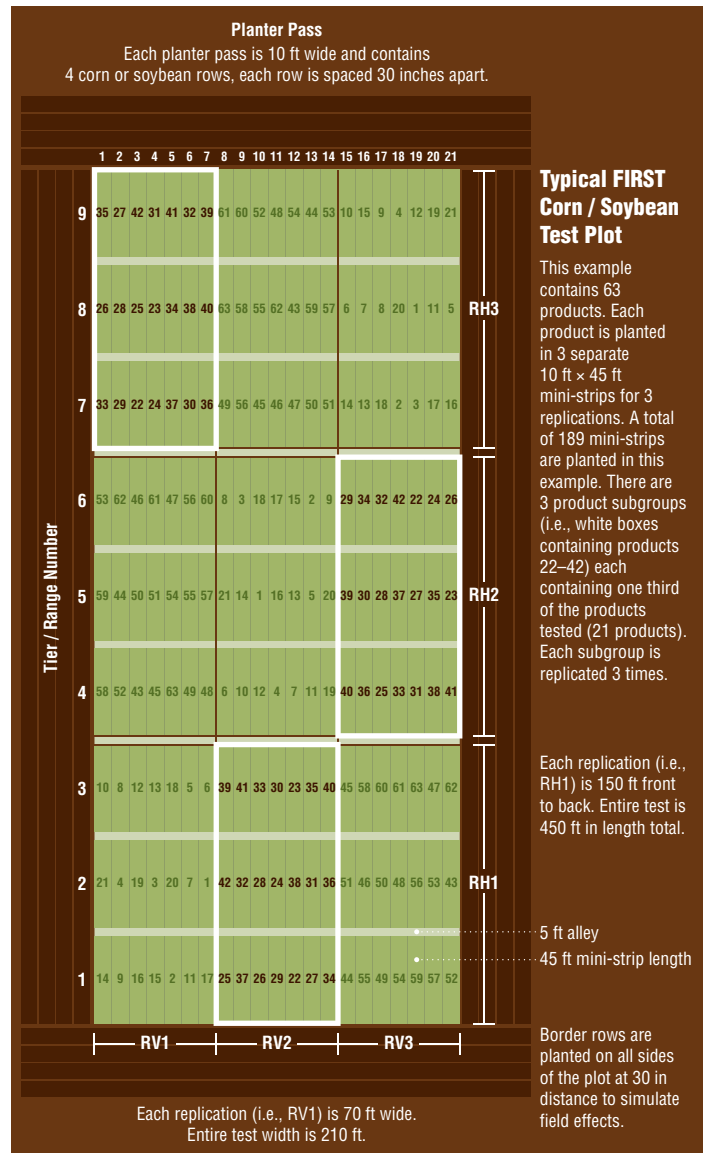
Products are replicated three times minimum per test and grouped in sub-blocks arranged in replication blocks from front to back and side to

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](http://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](http://www.firstseedtests.com).

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

Figure 4 Corn Grain Performance Summary

EARLY-SEASON TEST 93-98 Day CRM   Top 30 of 56 tested											Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Ear Size	Oil	Protein	Starch	Penk		
DAIRYLAND	DS-38100	QR.B	98	<b>230.2</b>	18.3	1	\$784	4	<b>264.6</b>	238.8	165.2	216.1	<b>274.5</b>		
FEDERAL	4880 VT2PRB	VT2PB	98	<b>229.4</b>	17.4	1	\$784	4	<b>261.3</b>	228.1	<b>180.0</b>	<b>245.8</b>	231.8		
HEFTY	H432VT2PRB	VT2PB	93	<b>229.2</b>	17.0	1	\$788	2	243.5	236.0	<b>201.3</b>	220.9	244.1		
DAIRYLAND	DS-3550AM	AM.B	95	<b>227.8</b>	17.4	1	\$781	7	<b>259.3</b>	<b>242.4</b>	<b>179.5</b>	223.0	235.0		
JUNG	470R429	VT2PB	97	<b>227.7</b>	16.9	1	\$782	5	<b>269.1</b>	232.1	146.2	222.5	<b>248.5</b>		
NORTHSTAR	NS-98-513 STXRIB	STX.B	98	<b>227.2</b>	16.7	2	\$782	6	250.4	<b>254.9</b>	<b>174.4</b>	213.6	242.6		
THUNDER	T6098 VT2P	VT2PB	98	<b>225.5</b>	17.1	1	\$775	8	251.0	232.9	164.4	<b>234.4</b>	244.6		
PIONEER	P9690 GC	QR.B	96	224.3	17.0	1	\$771	10	<b>257.9</b>	230.5	<b>176.7</b>	222.7	234.0		
THUNDER	T6996 VT2P	VT2PB	96	223.9	16.7	1	\$772	9	<b>248.3</b>	238.2	153.9	<b>226.0</b>	<b>253.3</b>		
HEFTY	H4542VT2P	VT2P	95	223.1	16.1	1	\$771	11	<b>257.8</b>	238.4	155.4	215.3	<b>248.3</b>		
LATHAM	LH-4657 VT2P RIB	VT2PB	96	222.6	16.8	1	\$767	12	<b>264.9</b>	236.2	153.5	222.5	236.1		
HEFTY	H4612VT2P	VT2PB	96	222.3	16.6	1	\$766	13	252.9	<b>245.9</b>	150.5	<b>235.9</b>	228.0		
INTEGRA	4601 VT2P	VT2P	96	222.2	16.8	2	\$765	14	244.1	231.6	152.8	<b>234.1</b>	<b>248.2</b>		

Figure 5 Soybean Performance Summary

ALL-SEASON TEST   MATURITY GROUP 1.8-2.5   Top 30 of 72 tested											Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Arlington	Oregon	Pennell	Warrenton				
CRENZEN	CZ-2121 GTLL GC	LLGT27	2.1	<b>68.8</b>	11.1	6	\$619	<b>72.8</b>	61.8	<b>73.9</b>	<b>66.8</b>				
FS HISSOY	HS-2488B	RRX	2.2	<b>67.6</b>	10.8	7	\$599	<b>68.1</b>	<b>70.5</b>	61.1	<b>64.8</b>				
GENESIS	G2190GL	LLGT27	2.1	<b>67.5</b>	10.9	8	\$607	<b>73.0</b>	61.7	<b>73.7</b>	61.6				
GOLDEN HARVEST	GH2230X	RRX	2.2	<b>66.8</b>	11.0	6	\$602	<b>64.7</b>	<b>66.9</b>	70.4	<b>65.3</b>				
TITAN PRO	T-20E499	E3	2.2	<b>66.4</b>	11.3	8	\$600	65.3	62.4	<b>72.5</b>	<b>66.5</b>				
PIONEER	P23A15X U	RRX	2.3	<b>66.6</b>	11.0	8	\$600	<b>67.9</b>	63.4	65.7	<b>69.5</b>				
CRENZEN	CZ-2040 GTLL GC	LLGT27	2.0	<b>66.4</b>	10.8	6	\$598	<b>71.7</b>	<b>65.8</b>	69.5	58.7				
GENESIS	G235FE	E3	2.5	<b>66.4</b>	11.1	8	\$598	<b>70.2</b>	62.9	68.9	63.7				
LATHAM	L-2549 R2X	RRX	2.5	<b>66.1</b>	10.8	7	\$595	<b>70.6</b>	<b>64.9</b>	67.3	61.5				
LATHAM	L-2295 R2X	RRX	2.2	<b>65.9</b>	10.6	9	\$594	<b>69.2</b>	62.9	70.4	61.2				
GENESIS	G235DE	E3	2.3	<b>65.8</b>	11.1	8	\$592	<b>64.0</b>	<b>64.2</b>	67.9	<b>67.1</b>				
DAIRYLAND	DSR-2590E	E3	2.5	<b>65.8</b>	11.6	12	\$592	62.4	<b>68.2</b>	69.4	63.1				
ASBROW	ASB2093 U	RRX	2.0	<b>65.7</b>	10.9	12	\$591	67.6	62.0	67.0	<b>66.2</b>				

## 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](http://www.firstseedtests.com)  
FIRST does not make product endorsements.

## STATISTICS REPORTED

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

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

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

## OTHER INFORMATION

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

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

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

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

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

## Product Suffix Key

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

## Corn Seed Technology Key

CODE	DESCRIPTION
<b>3010</b>	Agrisure® 3010 (GT,CB,LL), formerly GT/CB/LL
<b>3011</b>	Agrisure® 3011 (CB,RW,LL,GT)
<b>3110</b>	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
<b>3111</b>	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
<b>A</b>	Agrisure® Artesian®
<b>AA</b>	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
<b>AT</b>	Agrisure® Total (CB,HXX,RW,LL,GT), formerly Agrisure® 3122
<b>AM</b>	Optimum® AcreMax® (YGCB,HX,LL,RR2)
<b>AM1</b>	Optimum® AcreMax® 1 (HXT,LL,RR2)
<b>AML</b>	Optimum® AcreMax® Leptra (Vip,YGCB,HX,LL,RR2)
<b>AMT</b>	Optimum® AcreMax® TRIsect
<b>AQ</b>	Optimum® AQUAmax®
<b>CONV</b>	conventional corn
<b>D</b>	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
<b>DV</b>	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
<b>DVZ</b>	DuracadeViptera™ Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade® 5332
<b>DG</b>	DroughtGard®
<b>E</b>	Enlist™ (2,4-D, glyphosate, fop tolerance)
<b>GT</b>	Agrisure® GT
<b>GTA</b>	Agrisure® GTA
<b>PC</b>	PowerCore® (HX,VT2P)
<b>PCE</b>	PowerCore® Enlist® (HX,VT2P, 2,4-D)

<b>QR</b>	Qrome®
<b>RR2</b>	Roundup Ready® 2 Corn
<b>STX</b>	SmartStax® (VT3P,HXX)
<b>STXP</b>	SmartStax® PRO (VT3P,HXX)
<b>TRE</b>	Trecepta®
<b>VT2P</b>	VT Double PRO®
<b>VT4P</b>	VT4Pro™ with RNAi Technology
<b>V</b>	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
<b>VZ</b>	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

## Soybean Seed Technology Key

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

## Soybean Cyst Nematode (SCN) Resistance Rating

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

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

# Be the **first** to Get Yield Results



**TRUSTED**



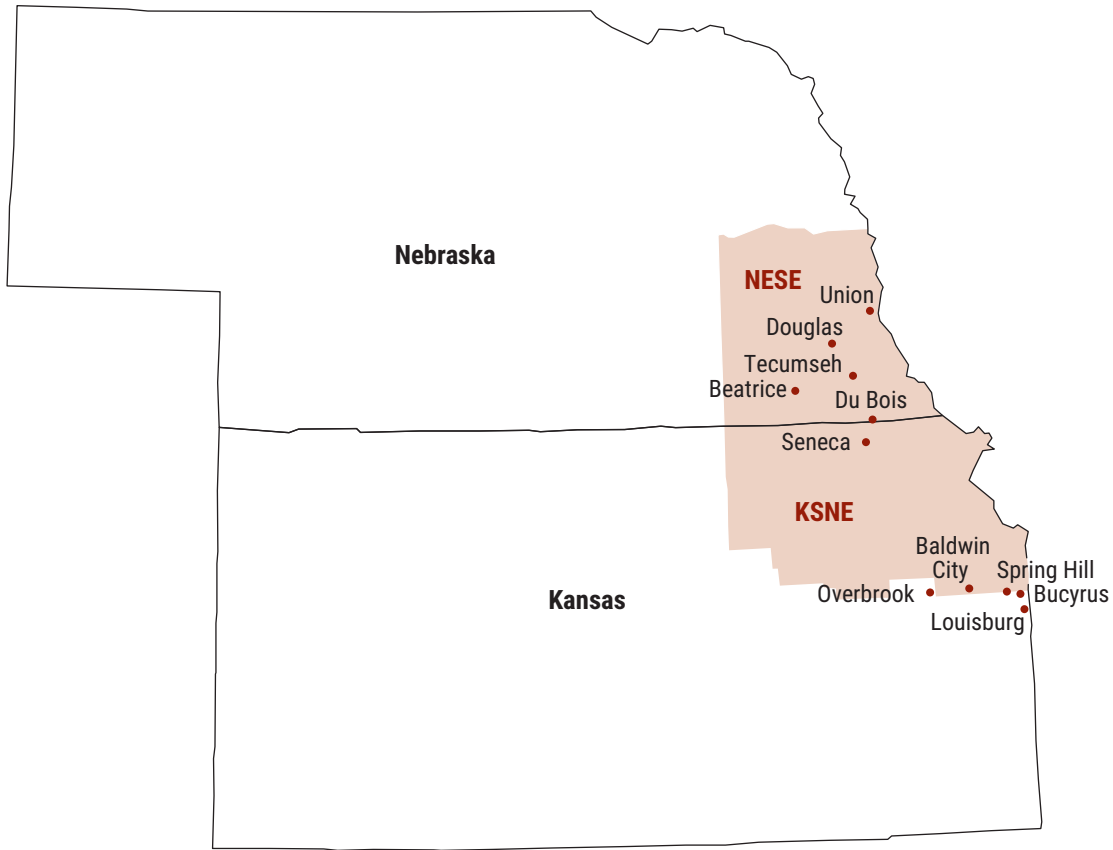
**ACCESS**



**FAST**

[www.firstseedtests.com](http://www.firstseedtests.com)

# CORN REGIONS: NESE, KSNE



## Site Description: **NESE** (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
Beatrice	Joe Thimm	silty clay loam	no-till	soybeans	160	May 7	Nov 04	28.3	118.7	166.7	14
Douglas	Tim Dozier	silty clay	conventional	soybeans	160	Apr 25	Sep 19	31.0	176.7	203.8	8
Du Bois	Scott Farwell	silty clay loam	no-till	soybeans	150	Apr 26	Nov 01	28.7	190.3	151.9	14
Tecumseh	Scott Farwell	silty clay loam	no-till	soybeans	150	May 7	Nov 02	28.8	178.2	162.7	5
Union	Nick Smith	silt loam	no-till	soybeans	170	Apr 26	Nov 03	29.1	186.2	199.0	12
								<b>NESE</b>	<b>180.5</b>	<b>14</b>	

## Site Description: **KSNE** (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
Baldwin City	Luke Ulrich	silty clay loam	no-till	soybeans	160	May 03	Nov 08	28.6	99.0	140.2	9
Bucyrus	Bruce Betts	silt loam	minimum	soybeans	155	May 2	Nov 08	28.0	139.2	172.0	10
Louisburg	Les Stuteville	silt loam	conventional	soybeans	165	April 28	Oct 5	28.3	146.8	143.6	5
Overbrook	Matt Fawl	silty clay loam	no-till	soybeans	170	May 01	Nov 07	28.2	112.3	121.4	5
Seneca	Scott Farwell	silty clay loam	no-till	soybeans	140	April 26	Nov 01	28.8	183.0	156.7	7
Spring Hill	Dan Stuteville	silty clay loam	conventional	soybeans	165	April 27	Oct 13	28.6	142.1	129.4	5
								<b>KSNE</b>	<b>158.9</b>	<b>11</b>	

## 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
<b>NESE</b>	169.3	150.8	174.7	213.1	166.8	180.5	14
<b>KSNE</b>	137.2	99.7	140.7	147.5	166.0	158.9	11

# Corn Results: NESE (See site description on page 5)

## EARLY-SEASON TEST 107–112 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	Beatrice	Douglas	Du Bois	Tecumseh	Union
Golden Harvest	G11V76-AA	AA	111	<b>181.5</b>	15.8	0	\$810	1	<b>136.1</b>	<b>189.7</b>	<b>199.9</b>	<b>186.2</b>	<b>195.5</b>
Mustang	429PR RIB	VT2P	110	<b>179.7</b>	15.8	0	\$803	2	<b>132.4</b>	181.2	<b>203.9</b>	<b>188.0</b>	<b>193.1</b>
Mustang	570PR RIB	VT2P	112	<b>179.5</b>	15.7	0	\$802	3	<b>138.7</b>	<b>184.7</b>	<b>199.8</b>	<b>182.1</b>	192.3
DeKalb	DKC111-35RIB GC	VT2P	111	175.9	15.8	0	\$785	4	<b>132.8</b>	176.1	<b>203.8</b>	<b>190.1</b>	176.6
Rob-See-Co	RC6131-TRE	TRE	111	175.0	15.7	0	\$782	5	<b>138.6</b>	180.9	198.6	176.8	180.4
Golden Harvest	G10L16-DV	DV	110	174.4	15.9	0	\$778	6	<b>138.5</b>	179.8	195.8	179.1	179.1
Taylor	EXP D-112-23	PCE	112	174.2	15.8	0	\$778	7	<b>135.5</b>	173.2	194.5	167.1	<b>200.6</b>
Hefty	H6145 TRERIB	TRE	111	173.9	16.1	0	\$774	9	<b>144.4</b>	178.9	<b>202.1</b>	166.3	<b>177.8</b>
Renk	RK811PWE	PCE	111	173.8	15.7	0	\$776	8	118.0	180.1	<b>200.1</b>	178.4	192.1
Integra	CXINT108VT	VT2P	108	172.5	15.8	0	\$770	10	<b>131.4</b>	181.0	<b>199.8</b>	164.3	186.2
Pioneer	P1027AM GC	AM	110	172.5	16.0	0	\$769	11	<b>130.0</b>	181.2	<b>205.3</b>	170.5	175.3
Pioneer	P09944AM GC	AM	109	171.8	15.9	0	\$766	14	105.4	<b>185.8</b>	<b>203.6</b>	<b>187.8</b>	176.7
NK Brand	NK1188-AA	AA	111	171.8	15.8	0	\$767	13	<b>147.0</b>	170.1	184.2	178.1	179.4
Pioneer	P1164AM GC	AM	111	171.5	15.9	0	\$765	15	<b>134.0</b>	184.1	190.4	161.9	187.1
DeKalb	DKC59-82RIB GC	VT2P	109	171.2	16.0	0	\$763	16	123.0	177.4	<b>204.0</b>	164.6	187.2
Augusta	A1059-DV GC	DV	109	170.5	16.0	0	\$759	18	<b>142.9</b>	177.3	186.7	171.9	173.7
DeKalb	DKC62-70RIB GC	VT2P	112	170.3	15.8	0	\$760	17	121.5	<b>185.5</b>	187.9	178.3	178.5
Dyna-Gro	D49VC53RIB	VT2P	109	169.8	15.7	0	\$759	19	<b>130.1</b>	<b>185.0</b>	186.1	175.0	172.8
Taylor	8013 VT2PDG GC	VT2PDG	112	169.7	15.7	0	\$757	20	127.6	<b>185.8</b>	192.0	163.1	180.3
Pioneer	P12904AML GC	AML	112	168.8	15.6	0	\$754	21	98.7	180.9	195.6	179.5	189.5
Hefty	H6252	VT2P	112	168.6	15.8	0	\$752	22	105.9	184.3	<b>202.2</b>	162.3	188.6
Renk	RK773TRE	TRE	109	168.1	15.8	0	\$750	23	101.7	<b>185.2</b>	197.1	169.5	187.2
Four Star	EXP 2304	VT2P	112	168.1	16.0	0	\$749	24	120.3	165.6	197.7	161.2	<b>195.8</b>
Four Star	6D64	TRE	112	168.1	16.1	0	\$748	26	115.2	174.5	195.4	162.5	<b>192.8</b>
Augusta	A1259-5222	DV	109	167.6	15.9	0	\$748	25	<b>134.0</b>	179.8	164.0	171.0	189.4
Rob-See-Co	RC6232-DGVT2P	VT2PDG	112	167.3	15.7	0	\$747	27	<b>131.7</b>	174.4	183.9	168.7	177.7
Hefty	H6263	VT2PDG	112	166.8	15.9	0	\$744	28	114.1	168.2	194.0	166.1	191.9
Integra	5802 VT2PRIB	VT2P	108	166.0	15.8	0	\$741	29	111.4	167.4	195.2	178.9	177.2
NK Brand	NK1040-AA	AA	110	165.7	15.9	0	\$739	30	127.8	176.7	174.7	168.3	180.8
Taylor	8824 VT2P	VT2P	113	165.5	16.0	0	\$737	31	100.8	172.8	<b>201.7</b>	179.5	172.6
Pioneer	P0995AM CK	AM,AQ	109	171.9	15.8	0	\$768	12	<b>133.0</b>	<b>172.7</b>	188.5	177.4	188.2
Averages =				169.8	15.8	0	\$758		123.2	176.8	192.3	173.0	183.8
LSD (0.10) =				8.0	0.3	ns			6.0	7.9	6.8	8.8	8.7

## FULL-SEASON TEST 113–117 Day CRM | Top 30 of 39 tested

Results in BOLD are significantly above test average.

Taylor	6014 TRE	TRE	114	<b>178.5</b>	16.8	0	\$789	1	109.2	<b>185.3</b>	<b>207.2</b>	<b>190.4</b>	<b>200.4</b>
Mustang	662TRE RIB	TRE	113	176.9	16.8	0	\$784	2	117.2	<b>186.7</b>	191.4	<b>195.0</b>	194.5
Rob-See-Co	RC6411-VT2P	VT2P	114	176.5	16.9	0	\$781	4	<b>131.3</b>	176.8	190.8	188.6	<b>194.9</b>
Pioneer	P13050AM GC	AM	113	176.3	16.7	0	\$782	3	<b>129.1</b>	163.3	<b>203.2</b>	<b>191.9</b>	194.2
Hefty	H6532 VT2PRIB	VT2P	115	176.2	16.7	0	\$779	5	119.6	<b>193.3</b>	<b>197.5</b>	171.3	<b>199.3</b>
Wyffels	W7945RIB	TRE	114	175.4	16.7	0	\$778	6	<b>133.1</b>	169.5	185.9	<b>191.2</b>	<b>197.6</b>
Four Star	6D72	VT2P	114	175.4	17.0	0	\$775	8	110.1	<b>184.9</b>	186.9	<b>195.3</b>	<b>200.1</b>
Dyna-Gro	D53VC54RIB	VT2P	113	175.4	16.6	0	\$777	7	109.4	<b>187.8</b>	<b>201.0</b>	185.4	193.3
Taylor	6015 TRE	TRE	115	174.5	16.6	0	\$774	9	<b>127.5</b>	162.2	<b>201.8</b>	<b>191.1</b>	190.0
DeKalb	DKC64-22RIB GC	VT2P	114	174.2	16.7	0	\$771	11	117.3	181.1	190.4	<b>191.7</b>	190.7
NK Brand	NK1333-AA	AA	113	174.1	16.7	0	\$772	10	<b>130.4</b>	175.5	191.2	174.5	<b>198.8</b>
Mustang	97113	VT2PDG	113	172.1	16.5	0	\$764	13	<b>127.3</b>	163.7	186.0	187.8	<b>195.8</b>
Four Star	6D77	TRE	115	171.8	16.6	0	\$763	14	108.5	174.9	<b>200.7</b>	186.9	188.2
Wyffels	W8086	VT2P	114	171.2	17.1	0	\$755	18	<b>130.0</b>	<b>185.8</b>	181.6	185.5	172.8
Taylor	5516 SS	STX	116	171.0	17.0	0	\$756	16	109.4	164.0	187.0	<b>191.3</b>	<b>203.1</b>
ProHarvest	83P66 VT2P	VT2P	113	170.7	16.7	0	\$756	15	<b>126.1</b>	178.5	180.6	188.7	179.9
Wyffels	W7876RIB	VT2P	114	170.7	16.7	0	\$756	17	105.4	<b>187.2</b>	180.2	183.5	<b>197.1</b>
Pioneer	P14830AML GC	AML	114	170.4	16.9	0	\$753	19	<b>122.3</b>	180.4	182.4	177.8	189.3
Renk	RK915VT2P	VT2P	115	170.2	16.8	0	\$753	20	116.4	182.0	179.5	180.5	192.4
Mustang	83A15	TRE	115	169.9	16.8	0	\$751	21	<b>126.8</b>	181.5	175.0	173.8	192.3
DeKalb	DKC66-06RIB GC	TRE	116	169.7	17.0	0	\$750	22	<b>123.1</b>	<b>183.7</b>	175.4	182.8	183.6
Integra	6342 TRERIB	TRE	113	168.9	16.5	0	\$748	23	101.8	<b>188.0</b>	185.4	173.9	<b>195.6</b>
Hefty	H6354	STX	113	168.5	16.6	0	\$748	24	112.8	167.2	179.3	<b>192.2</b>	191.3
Renk	RK940SSTX	STX	115	168.5	16.8	0	\$746	25	<b>125.4</b>	169.1	175.5	175.9	<b>196.8</b>
NK Brand	NK1523-V	V	115	168.1	16.9	0	\$744	27	97.9	177.2	<b>201.7</b>	186.4	177.5
ProHarvest	83P33 DGVT2PRIB	VT2PDG	113	168.1	16.9	0	\$743	29	<b>121.2</b>	161.2	<b>199.2</b>	189.0	170.0
Golden Harvest	G15J91-V	V	115	168.0	16.7	0	\$744	26	99.9	<b>192.3</b>	177.2	189.2	181.7
Mustang	801PR RIB	VT2P	117	167.8	16.6	0	\$744	28	97.2	182.0	178.7	<b>192.6</b>	188.8
Hefty	H6355	TRE	113	167.8	16.7	0	\$743	30	115.5	<b>190.4</b>	186.6	174.3	172.3
Renk	RK895DGVT2P	VT2PDG	113	166.9	16.8	0	\$738	31	104.3	176.5	<b>200.3</b>	178.4	175.2
Pioneer	P0995AM CK	AM,AQ	109	173.2	16.3	0	\$770	12	<b>131.0</b>	<b>178.9</b>	<b>191.3</b>	<b>179.4</b>	<b>185.5</b>
Averages =				170.2	16.8	0	\$754		114.5	176.6	188.4	183.1	188.4
LSD (0.10) =				7.9	0.3	ns			6.3	7.0	8.0	6.3	6.3

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

**EARLY-SEASON TEST 107–112 Day CRM | Top 30 of 32 tested**

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

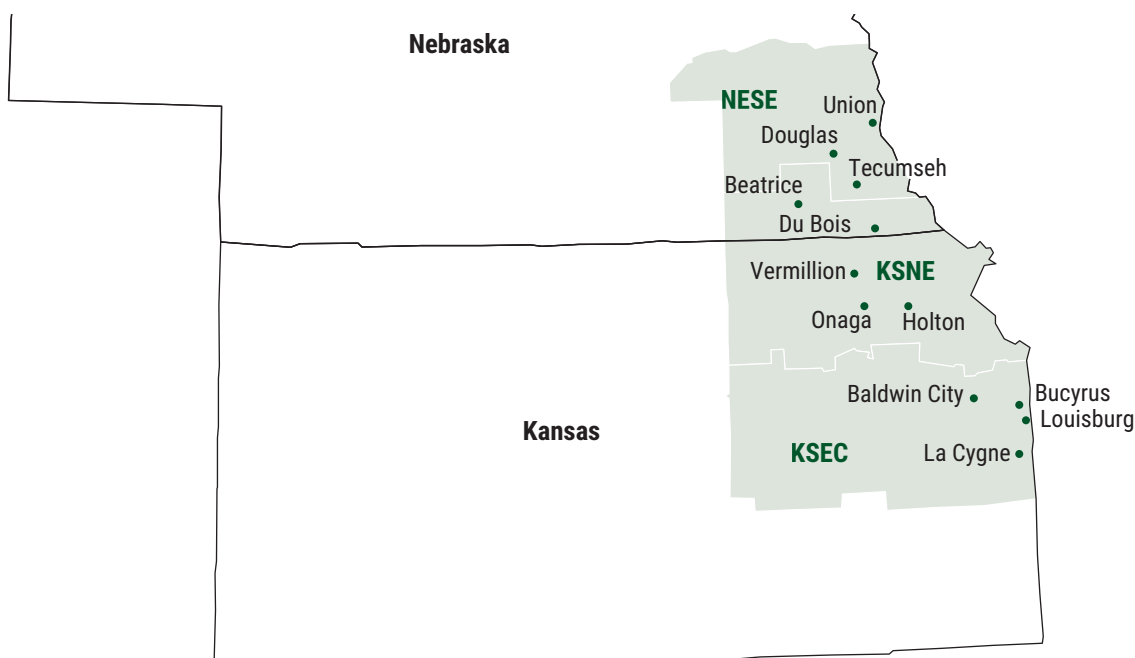
Company/ Brand	Product/ Brand	Technology	Relative Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Gross Income Rank	Baldwin City	Bucyrus	Louisburg	Overbrook	Seneca	Spring Hill
Renk	RK766SSPRO	STXP	109	<b>151.9</b>	15.0	0	\$682	1	<b>107.2</b>	<b>157.1</b>	<b>175.2</b>	<b>143.4</b>	<b>193.0</b>	135.7
Augusta	A4961-DV GC	DV	111	<b>149.3</b>	15.3	0	\$670	2	82.4	144.9	<b>162.5</b>	<b>136.1</b>	<b>205.1</b>	<b>164.6</b>
Augusta	A1259-5222	DV	109	<b>147.3</b>	15.0	0	\$662	3	100.2	<b>153.3</b>	<b>177.5</b>	<b>145.8</b>	174.0	132.8
Mustang	429PR RIB	VT2P	110	146.6	14.9	0	\$659	4	101.6	<b>150.0</b>	<b>157.6</b>	<b>134.1</b>	187.0	149.6
DeKalb	DKC62-70RIB GC	VT2P	112	143.7	15.2	0	\$644	5	91.0	<b>164.2</b>	148.3	120.9	<b>203.1</b>	134.6
DeKalb	DKC59-82RIB GC	VT2P	109	143.0	15.2	0	\$642	6	84.5	<b>156.6</b>	<b>159.4</b>	<b>128.0</b>	<b>196.3</b>	133.2
Renk	RK773TRE	TRE	109	142.2	14.8	0	\$639	7	95.7	147.3	<b>163.0</b>	<b>131.9</b>	178.2	136.8
NK Brand	NK0922-V	V	109	141.3	15.2	0	\$634	8	99.3	<b>152.8</b>	156.2	<b>123.7</b>	163.1	<b>152.8</b>
Dyna-Gro	D50VC09RIB	VT2P	110	141.0	14.9	0	\$634	9	<b>103.1</b>	137.7	144.3	111.7	<b>202.6</b>	146.9
Golden Harvest	G11V76-AA	AA	111	141.0	15.1	0	\$633	10	96.3	131.7	146.6	<b>135.2</b>	190.2	146.3
Mustang	570PR RIB	VT2P	112	141.0	15.2	0	\$633	11	95.9	137.6	154.7	122.5	190.0	145.0
Lewis	12DT302	TRE	112	140.6	15.3	0	\$631	12	88.8	120.9	<b>171.2</b>	<b>140.2</b>	176.9	145.8
Rob-See-Co	RC6232-DGVT2P	VT2PDG	112	140.5	14.9	0	\$631	13	<b>103.9</b>	144.4	143.1	112.4	<b>196.0</b>	143.0
Augusta	A1059-DV GC	DV	109	139.8	15.0	0	\$628	14	90.3	122.0	152.9	<b>124.1</b>	<b>199.7</b>	150.0
Rob-See-Co	RC6131-TRE	TRE	111	139.5	14.8	0	\$627	15	91.4	137.1	<b>159.5</b>	<b>127.4</b>	185.6	136.2
Pioneer	P09944AM GC	AM	109	138.4	15.0	0	\$622	17	85.2	143.8	<b>163.0</b>	<b>130.6</b>	186.5	121.1
NK Brand	NK1082-DV	DV	110	137.7	15.0	0	\$619	18	88.3	<b>150.8</b>	<b>168.3</b>	122.1	164.5	131.9
Golden Harvest	G09B15-V	V	109	137.5	15.0	0	\$617	19	99.0	<b>151.8</b>	139.8	105.8	190.9	137.4
Renk	RK811PW	PCE	111	137.2	15.2	0	\$615	20	87.1	134.3	140.1	108.8	<b>201.2</b>	<b>151.5</b>
Taylor	8824 VT2P GC	VT2P	113	137.1	14.8	0	\$615	21	99.3	<b>151.0</b>	154.5	123.6	168.9	125.0
Mustang	63A06 GC	TRE	106	136.9	14.9	0	\$615	22	82.0	130.9	148.6	108.8	<b>202.3</b>	148.6
Pioneer	P12904AML GC	AML	112	136.5	15.1	1	\$613	23	86.8	140.5	144.4	89.8	<b>198.0</b>	<b>159.6</b>
Mustang	82308 GC	VT2P	108	135.1	15.1	0	\$606	24	92.7	127.6	142.7	110.7	183.8	<b>152.9</b>
Taylor	EXP D-112-23	PCE	112	134.8	15.0	0	\$605	25	91.5	129.0	142.4	99.5	<b>191.8</b>	<b>154.7</b>
Taylor	6012 TRE	TRE	111	132.4	15.4	0	\$593	26	93.7	129.3	155.6	91.1	179.0	145.8
Dyna-Gro	D49VC53RIB	VT2P	109	130.4	14.8	0	\$586	27	94.4	129.7	135.8	103.5	166.8	<b>152.1</b>
DeKalb	DKC111-35RIB GC	VT2P	111	129.5	15.0	0	\$582	28	83.3	129.2	147.1	114.6	163.4	139.7
Augusta	A1060-3330A-EZ	VZ	110	129.5	15.1	0	\$581	29	80.4	<b>165.8</b>	128.5	97.5	155.6	149.1
Pioneer	P1164AM GC	AM	111	128.2	15.1	0	\$575	30	84.2	129.4	132.9	96.4	176.1	150.3
Taylor	6010 TRE	TRE	110	125.6	15.0	0	\$564	31	92.3	129.4	133.7	90.4	163.6	144.3
Pioneer	P0995AM CK	AM,AQ	109	139.6	15.0	0	\$627	16	98.6	147.7	<b>157.3</b>	<b>127.8</b>	178.6	127.7
Averages =				138.0	15.1	0	\$619		91.9	140.8	150.8	116.9	183.5	143.8
LSD (0.10) =				8.9	0.2	ns			10.8	9.3	6.4	6.7	8.0	7.0

**FULL-SEASON TEST 113–117 Day CRM | Top 30 of 32 tested**

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

Mustang	662TRE RIB	TRE	113	143.8	15.4	0	\$644	1	100.9	<b>160.9</b>	<b>164.2</b>	112.5	177.0	<b>147.2</b>
Lewis	17DP651	VT2P	117	143.6	15.7	0	\$642	3	<b>116.9</b>	144.9	145.2	112.1	<b>197.2</b>	145.4
Augusta	A5065-3111	3111	115	143.5	15.7	0	\$642	2	<b>117.0</b>	<b>165.6</b>	130.5	111.0	<b>194.3</b>	142.8
Lewis	15DT512	TRE	115	143.2	15.6	0	\$641	4	<b>118.4</b>	<b>164.0</b>	<b>151.2</b>	102.8	<b>194.2</b>	128.3
Taylor	5516 SS	STX	116	142.8	15.8	0	\$638	7	111.2	<b>150.7</b>	124.4	<b>133.2</b>	188.2	<b>149.0</b>
Dyna-Gro	D53VC54RIB	VT2P	113	142.7	15.6	0	\$639	5	111.1	142.9	146.7	<b>116.0</b>	<b>195.5</b>	143.9
Mustang	83A15	TRE	115	142.7	15.5	0	\$639	6	102.8	<b>152.0</b>	142.1	<b>134.5</b>	181.5	143.1
Taylor	EXP C-115-23 GC	VT2P	115	142.0	15.7	0	\$635	8	110.3	<b>167.7</b>	130.7	106.2	185.0	<b>152.0</b>
Renk	RK958VT2P	VT2P	115	140.6	15.6	0	\$629	9	<b>116.6</b>	146.1	122.8	<b>134.8</b>	171.1	<b>152.2</b>
Mustang	97113	VT2PDG	113	140.4	15.5	0	\$628	10	111.4	129.1	143.4	114.2	<b>196.7</b>	<b>147.7</b>
Lewis	14DT603	TRE	114	140.3	15.6	0	\$628	11	107.9	140.9	<b>170.3</b>	96.8	181.0	145.1
DeKalb	DKC66-06RIB GC	TRE	116	140.2	15.6	0	\$627	12	108.3	130.4	<b>152.9</b>	<b>119.6</b>	180.0	<b>149.8</b>
Pioneer	P13050AM GC	AM	113	138.3	15.6	0	\$618	13	109.2	127.8	<b>167.6</b>	109.6	164.4	<b>150.8</b>
Dyna-Gro	D56TC44RIB	TRE	116	137.9	15.6	0	\$617	14	98.6	<b>148.1</b>	<b>150.6</b>	<b>116.7</b>	172.9	140.7
Taylor	6017 TRE	TRE	117	136.9	15.7	0	\$612	16	99.2	139.0	<b>155.1</b>	92.6	191.6	144.0
Renk	RK940SSTX	STX	115	136.5	15.8	0	\$609	17	99.1	113.6	147.1	102.4	<b>196.8</b>	<b>159.8</b>
Renk	RK895DGV2P	VT2PDG	113	135.2	15.6	0	\$605	18	114.7	128.7	148.8	<b>114.8</b>	171.9	132.1
Pioneer	P14830AML GC	AML	114	134.8	15.5	0	\$603	19	103.6	<b>161.3</b>	147.0	94.2	182.2	120.3
Mustang	801PR RIB	VT2P	117	134.7	15.4	0	\$603	20	113.2	129.0	141.7	103.2	189.8	131.3
Taylor	6015 TRE	TRE	115	134.3	15.6	0	\$601	21	104.1	142.0	135.9	86.3	<b>198.3</b>	139.3
Augusta	A4565-V	V	115	134.0	15.4	0	\$601	22	106.5	131.3	122.7	102.8	188.8	<b>152.1</b>
Rob-See-Co	RC6411-VT2P	VT2P	114	133.3	15.6	0	\$597	23	109.7	128.9	145.6	109.8	183.6	122.1
Golden Harvest	G17B31-V	V	117	133.2	15.7	0	\$596	24	102.5	131.0	124.1	112.4	170.4	<b>159.1</b>
Renk	RK876VT2P	VT2P	113	132.0	15.5	0	\$592	25	100.3	144.5	122.3	87.5	187.8	<b>149.4</b>
Renk	RK915VT2P	VT2P	115	131.1	15.6	0	\$587	26	89.4	123.0	<b>151.7</b>	<b>121.0</b>	172.5	129.1
Lewis	15DP899	VT2P	115	130.5	15.5	0	\$585	27	<b>115.9</b>	117.5	128.8	96.6	181.1	143.2
DeKalb	DKC64-22RIB GC	VT2P	114	129.2	15.4	0	\$578	28	98.1	118.8	<b>164.4</b>	90.8	183.1	119.6
Pioneer	P1359AM GC	AM	113	129.0	15.6	0	\$577	29	96.2	140.6	108.4	<b>116.1</b>	188.3	124.2
NK Brand	NK1701-V	V	117	128.6	15.6	0	\$575	30	102.2	111.3	<b>151.1</b>	85.7	171.3	<b>150.2</b>
Golden Harvest	G17A81-V	V	117	122.7	15.6	0	\$549	31	97.8	116.1	126.4	90.9	169.2	135.9
Pioneer	P0995AM CK	AM,AQ	109	137.0	15.4	0	\$614	15	103.7	144.2	<b>155.6</b>	<b>118.2</b>	172.2	128.0
Averages =				136.2	15.6	0	\$609		106.0	137.6	142.8	107.6	182.6	140.4
LSD (0.10) =				9.2	0.3	ns			9.7	9.4	6.5	6.8	10.5	6.3

# SOYBEAN REGIONS: NESE, KSNE, KSEC



## Site Description: **NESE** (See soybean 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
Beatrice	Joe Thimm	silty clay loam	no-till	corn	–	May 16	Oct 21	136.8	34.3	49.9	12
Douglas	Tim Dozier	silty clay loam	conventional	corn	–	May 9	Oct 1	134.9	47.1	57.3	8
Tecumseh	Scott Farwell	silty clay loam	no-till	corn	–	May 15	Oct 17	144.1	42.9	48.1	5
Union	Nick Smith	silty clay loam	minimum	corn	–	May 15	Oct 20	135.1	54.0	58.1	11
									<b>NESE</b>	<b>52.3</b>	<b>12</b>

## Site Description: **KSNE** (See soybean 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
Du Bois	Scott Farwell	silty clay loam	no-till	corn, rye cover crop	–	May 31	NR	NR	NR	47.8	12
Holton	Dave Royer	silty clay	conventional	corn	–	May 23	Oct 21	134.3	45.7	48.7	12
Onaga	Travis Greene	silty clay loam	no-till	soybeans	–	May 24	Oct 19	139.0	46.3	41.2	7
Vermillion	Jack Boyle	silt loam	no-till	soybeans	–	May 24	Oct 19	139.0	46.9	51.7	11
									<b>KSNE</b>	<b>47.4</b>	<b>12</b>

## Site Description: **KSEC** (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 × 1,000	Yield	Bu/A	Years
Baldwin City	Luke Ulrich	silty clay loam	no-till	corn	8	May 29	Oct 21	135.2	35.5	47.5	10
Bucyrus	Bruce Betts	silty clay loam	no-till	corn	–	June 3	Oct 23	136.0	42.0	40.8	2
La Cygne	Brad Stainbrook	silt loam	minimum	corn	–	Jun 02	Oct 22	135.0	35.2	42.3	11
Louisburg	Les Stuteville	silty clay loam	minimum	corn	–	May 04	Oct 23	134.0	34.7	51.8	10
									<b>KSEC</b>	<b>45.4</b>	<b>11</b>

## 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
<b>NESE</b>	44.6	43.2	50.7	53.6	62.0	52.3	12
<b>KSNE</b>	46.4	40.3	53.9	49.4	52.2	47.4	12
<b>KSEC</b>	36.8	42.2	47.6	52.1	48.8	45.4	11



# Soybean Results: NESE (See site description on page 8)

ALL-SEASON TEST   MATURITY GROUP 3.1-4.0   Top 30 of 37 tested								Results in BOLD are significantly above test average.			
Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Beatrice	Douglas	Tecumseh	Union
Golden Harvest	GH3693E3S	E3,ST	3.6	<b>47.2</b>	10.3	0	\$567	<b>38.7</b>	47.3	<b>46.6</b>	56.4
Xitavo	XO 4084E	E3,ST	4.0	46.5	10.6	0	\$558	36.8	47.6	<b>45.6</b>	56.0
Xitavo	XO 3752E	E3,ST	3.7	46.4	10.7	0	\$556	36.9	48.0	44.9	55.6
Mustang	XF38623	RXF,ST	3.8	46.3	10.7	0	\$556	37.7	46.2	<b>47.4</b>	53.9
NK Brand	NK39-J2E3	E3	3.9	46.1	10.9	0	\$554	34.5	46.0	<b>48.2</b>	55.8
Genesis	G4080ES	E3,ST	4.0	46.0	10.7	0	\$552	32.2	<b>49.7</b>	<b>46.1</b>	56.0
Mustang	XF39123	RXF,ST	3.9	45.9	10.3	0	\$551	35.3	49.3	44.2	54.7
Xitavo	XO 3224E	E3	3.2	45.8	10.9	0	\$551	37.5	48.3	42.3	55.3
Hefty	H34XF3	RXF	3.4	45.6	10.9	0	\$548	31.9	<b>53.4</b>	40.9	56.3
Pioneer	P38A54E U	E3	3.8	45.6	10.4	0	\$547	33.4	48.0	<b>46.4</b>	54.5
Dyna-Gro	S35XF44	RXF	3.5	45.4	10.9	0	\$544	37.4	46.4	38.7	<b>58.9</b>
Hoegemeyer	3134 E	E3	3.1	45.2	10.7	0	\$543	34.0	49.0	43.3	54.6
Hoegemeyer	3274 E	E3	3.2	45.2	10.4	0	\$543	36.4	47.3	<b>47.5</b>	49.6
Dyna-Gro	S37XF33	RXF	3.7	45.0	10.5	0	\$540	36.8	<b>50.0</b>	37.5	55.5
Mustang	39ES823	E3,ST	3.9	44.9	10.7	0	\$539	33.9	47.5	41.6	56.6
Stine	38EG32 U	E3	3.8	44.9	10.4	0	\$539	33.5	47.8	<b>45.5</b>	52.8
Stine	37FD02 U	RXF	3.7	44.9	10.6	0	\$538	27.9	48.9	<b>47.4</b>	55.2
Xitavo	XO 3483E	E3	3.4	44.8	10.6	0	\$538	37.3	<b>49.8</b>	42.1	50.2
NK Brand	NK37-B7XFS U	RXF,ST	3.7	44.7	10.6	0	\$536	<b>38.4</b>	47.6	38.8	53.9
Golden Harvest	GH4093E3	E3	4.0	44.4	10.7	0	\$533	32.7	<b>49.8</b>	43.0	52.0
Stine	40FD29 U	RXF	4.0	44.3	10.8	0	\$532	29.7	49.1	44.3	54.2
Hoegemeyer	3894 E	E3	3.8	44.3	10.8	0	\$531	37.4	44.0	45.1	50.6
Genesis	G3880E	E3	3.8	44.2	10.8	0	\$531	36.3	45.5	39.7	55.4
Hoegemeyer	3544 E	E3	3.5	44.1	10.8	0	\$530	34.5	47.1	42.6	52.3
NK Brand	NK39-M8XF	RXF	3.9	44.1	10.3	0	\$530	37.6	45.4	43.0	50.5
Asgrow	AG39XF3 U	RXF	3.9	44.0	10.7	0	\$528	31.4	<b>50.2</b>	41.2	53.1
Asgrow	AG35XF1 U	RXF	3.5	43.8	10.8	0	\$526	32.3	49.2	39.6	54.2
NK Brand	NK37-C1E3 U	E3	3.7	43.8	10.9	0	\$525	33.9	44.6	44.4	52.2
Pioneer	P38A28E U	E3	3.8	43.7	10.3	0	\$525	31.8	42.8	43.9	56.5
Xitavo	XO 3803E	E3,ST	3.8	43.7	10.5	0	\$524	33.2	42.8	41.8	<b>56.9</b>
Averages =				<b>44.6</b>	<b>10.6</b>	<b>0</b>	<b>\$535</b>	<b>34.3</b>	<b>47.1</b>	<b>42.9</b>	<b>54.0</b>
LSD (0.10) =				2.4	0.3	ns		3.4	2.6	2.3	2.8

# Soybean Results: KSNE (See site description on page 8)

ALL-SEASON TEST   MATURITY GROUP 3.4-4.4   Top 30 of 35 tested								Results in BOLD are significantly above test average.			
Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Du Bois*	Holton	Onaga	Vermillion
Mustang	XF39123	RXF,ST	3.9	<b>50.0</b>	10.2	0	\$600	—	<b>48.9</b>	<b>50.5</b>	<b>50.5</b>
Xitavo	XO 3483E	E3	3.4	48.5	10.0	0	\$582	—	45.6	<b>49.1</b>	<b>50.9</b>
Mustang	39ES823	E3,ST	3.9	48.4	10.1	0	\$581	—	<b>50.2</b>	<b>49.0</b>	46.0
Genesis	G3880E	E3	3.8	47.8	9.9	0	\$574	—	41.8	<b>49.3</b>	<b>52.4</b>
Genesis	G4080ES	E3,ST	4.0	47.6	10.3	0	\$571	—	45.6	47.9	49.3
Mustang	XF38623	RXF,ST	3.8	47.6	10.0	0	\$571	—	45.3	47.4	<b>50.1</b>
Golden Harvest	GH4222XF	RXF	4.2	47.5	9.9	0	\$570	—	<b>48.8</b>	48.2	45.5
Xitavo	XO 4084E	E3,ST	4.0	47.4	10.1	0	\$568	—	<b>48.5</b>	47.2	46.4
Lewis	4211XF	RXF,ST	4.2	47.2	10.2	0	\$566	—	47.5	47.1	47.0
Hoegemeyer	3894 E	E3	3.8	47.1	10.1	0	\$566	—	45.9	47.9	47.6
Mustang	4122XFS	RXF,ST	4.1	47.1	10.2	0	\$565	—	45.4	47.8	47.9
Mustang	4260E3S	E3,ST	4.2	46.9	10.2	0	\$563	—	45.5	47.1	48.1
Xitavo	XO 4364E	E3,ST	4.3	46.9	10.2	0	\$563	—	47.8	<b>48.9</b>	44.0
Stine	40FD29 U	RXF	4.0	46.8	10.3	0	\$561	—	45.7	<b>48.5</b>	46.1
Xitavo	XO 3752E	E3,ST	3.7	46.6	10.2	0	\$559	—	44.0	43.8	<b>51.9</b>
Golden Harvest	GH4214E3S U	E3,ST	4.2	46.5	10.1	0	\$558	—	44.7	46.8	48.1
Golden Harvest	GH3724XFS U	RXF,ST	3.7	46.4	9.9	0	\$557	—	<b>49.7</b>	43.1	46.4
Renk	RS353NXF	RXF	3.5	46.3	9.9	0	\$556	—	43.1	<b>48.8</b>	47.2
Pioneer	P40A23E U	E3	4.0	46.3	9.8	0	\$556	—	45.5	45.8	47.7
Mustang	41E324	E3	4.1	46.3	10.2	0	\$555	—	46.3	47.3	45.2
Golden Harvest	GH4343XFS	RXF,ST	4.3	46.1	10.2	0	\$554	—	48.0	46.3	44.2
NK Brand	NK37-B7XFS U	RXF,ST	3.7	46.0	10.0	0	\$552	—	43.9	41.9	<b>52.1</b>
Hoegemeyer	4234 E	E3	4.2	45.8	10.1	0	\$550	—	42.8	46.9	47.8
NK Brand	NK39-M8XF	RXF	3.9	45.7	10.3	0	\$549	—	46.6	45.0	45.6
Pioneer	P42A84E U	E3	4.2	45.7	10.4	0	\$548	—	44.1	45.6	47.4
Stine	38EG32 U	E3	3.8	45.4	10.1	0	\$545	—	<b>48.7</b>	43.0	44.5
Stine	37FD02 U	RXF	3.7	45.3	10.2	0	\$544	—	<b>49.9</b>	43.4	42.7
Xitavo	XO 3803E	E3,ST	3.8	44.8	10.0	0	\$538	—	42.9	45.1	46.5
Hoegemeyer	3544 E	E3	3.5	44.8	10.0	0	\$537	—	44.2	43.5	46.6
Xitavo	XO 3861E	E3,ST	3.8	44.7	10.1	0	\$536	—	40.7	47.3	46.1
Averages =				<b>46.3</b>	<b>10.1</b>	<b>0</b>	<b>\$555</b>	—	<b>45.7</b>	<b>46.3</b>	<b>46.9</b>
LSD (0.10) =				2.5	0.2	ns		—	2.6	2.1	2.8

\*Du Bois—lost due to high weed pressure.

# Soybean Results: KSEC (See site description on page 8)

ALL-SEASON TEST | MATURITY GROUP 3.7-4.7 | 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)	Baldwin City	Bucyrus	La Cygne	Louisburg
Hoegemeyer	4614 E	E3	4.6	<b>40.7</b>	9.7	0	\$488	<b>40.6</b>	42.7	<b>40.5</b>	<b>38.8</b>
Xitavo	XO 4653E	E3,ST	4.6	<b>39.6</b>	9.9	0	\$476	<b>41.7</b>	41.5	37.1	<b>38.3</b>
Golden Harvest	GH4343XFS	RXF,ST	4.3	<b>39.4</b>	9.6	0	\$473	<b>38.6</b>	<b>47.7</b>	34.1	37.2
Lewis	4703XF	RXF	4.7	<b>39.3</b>	9.8	0	\$472	34.8	<b>47.2</b>	<b>40.8</b>	34.3
Mustang	39ES823	E3,ST	3.9	39.0	9.6	0	\$469	<b>38.9</b>	<b>45.8</b>	34.8	36.6
Asgrow	AG46XF2 U	RXF,ST	4.6	38.9	9.7	0	\$467	36.5	<b>45.3</b>	37.7	36.1
Mustang	47E323 GC	E3	4.7	38.6	9.5	0	\$464	37.5	41.0	<b>38.6</b>	<b>37.4</b>
Golden Harvest	GH4433E3S U	E3,ST	4.4	38.6	9.8	0	\$464	<b>38.6</b>	44.3	34.4	<b>37.3</b>
Lewis	4304XF	RXF	4.3	38.6	9.4	0	\$463	34.9	<b>47.1</b>	37.7	34.7
Hoegemeyer	4234 E	E3	4.2	38.5	9.4	0	\$462	35.8	<b>45.3</b>	36.6	36.3
Xitavo	XO 4522E	E3	4.5	38.3	9.6	0	\$460	<b>39.0</b>	44.3	33.0	36.8
Golden Harvest	GH4663XFS	RXF,ST	4.6	38.2	9.7	0	\$459	35.6	44.3	<b>39.4</b>	33.5
Xitavo	XO 4772E	E3	4.7	38.1	9.8	0	\$457	37.0	40.5	<b>38.2</b>	36.7
NK Brand	NK43-Y9XFS U	RXF,ST	4.3	37.9	9.4	0	\$455	36.5	<b>45.2</b>	33.4	36.5
Mustang	4621XFS	RXF,ST	4.6	37.6	9.9	0	\$451	36.7	43.0	34.3	36.2
Xitavo	XO 4132E	E3	4.1	37.4	9.6	0	\$448	36.7	37.8	<b>38.7</b>	36.2
Mustang	41E324	E3	4.1	37.3	9.6	0	\$448	37.4	38.9	36.0	37.0
Mustang	XF39123	RXF,ST	3.9	37.2	9.6	0	\$446	<b>38.5</b>	41.0	33.2	36.1
Pioneer	P42A84E GC	E3	4.2	37.0	9.6	0	\$444	32.1	42.8	<b>39.3</b>	33.7
Golden Harvest	GH4222XF	RXF	4.2	36.9	9.6	0	\$444	32.6	<b>46.3</b>	36.5	32.4
Xitavo	XO 4364E	E3,ST	4.3	36.6	9.4	0	\$440	32.6	44.5	37.1	32.3
Xitavo	XO 4084E	E3,ST	4.0	36.0	9.6	0	\$432	31.9	44.0	35.9	32.2
Pioneer	P44A91E U	E3	4.4	35.6	9.5	0	\$428	35.4	39.4	32.5	35.2
Genesis	G4080ES	E3,ST	4.0	35.5	9.6	0	\$426	28.2	42.0	<b>37.9</b>	34.0
Pioneer	P46A09E U	E3	4.6	35.4	9.4	0	\$424	<b>40.2</b>	38.1	33.1	30.1
NK Brand	NK46-B4XFS U	RXF,ST	4.6	35.3	9.7	0	\$424	33.7	38.3	36.0	33.4
Genesis	G3880E	E3	3.8	34.9	9.6	0	\$419	35.3	39.7	29.6	35.1
Asgrow	AG40XF1 U	RXF,ST	4.0	34.9	9.6	0	\$419	35.8	38.1	32.2	33.7
Stine	38EG32 U	E3	3.8	34.8	9.5	0	\$418	33.4	37.7	35.0	33.2
Hoegemeyer	3894 E	E3	3.8	34.2	9.2	0	\$411	35.3	38.6	30.1	32.9
<b>Averages =</b>				<b>36.9</b>	<b>9.6</b>	<b>0</b>	<b>\$442</b>	<b>35.5</b>	<b>42.0</b>	<b>35.2</b>	<b>34.7</b>
LSD (0.10) =				2.3	0.3	ns		2.8	2.8	2.7	2.5



PRODUCTS TESTED



For the complete list of products, visit [www.firstseedtests.com/archive/national-summary-reports/2023-program-guide/](http://www.firstseedtests.com/archive/national-summary-reports/2023-program-guide/)

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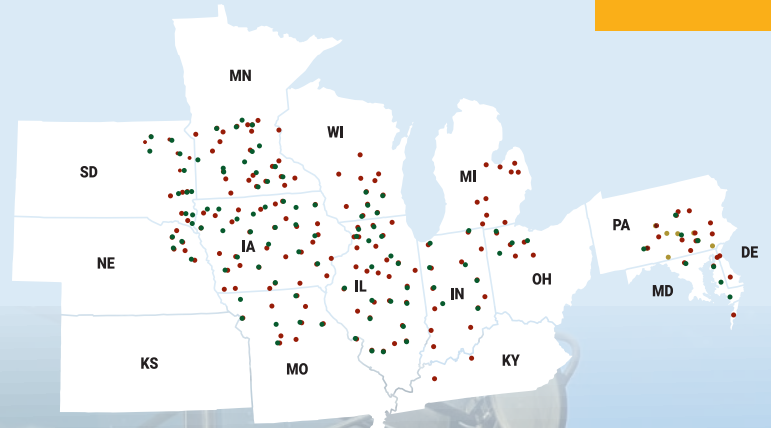
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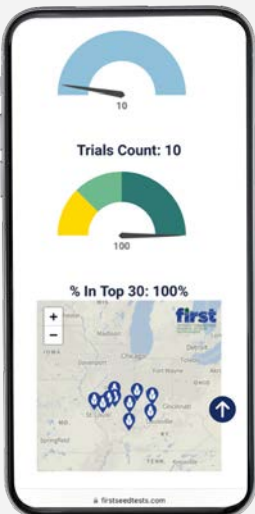
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