

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

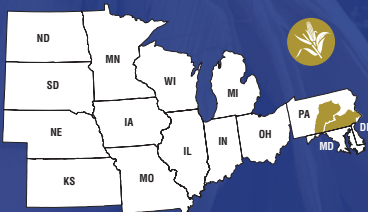
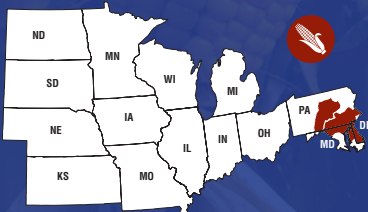
# 2021 Performance Summary

## Pennsylvania & Mid-Atlantic



**Rob Kauffman, FIRST Field Manager**

Mid Atlantic Independent Technology Service  
rkmaits@aol.com  
Summary of the 2021 Season



I am pleased to provide this summary of Farmers' Independent Research of Seed Technologies (FIRST) corn and soybean yield trials in Pennsylvania and the Mid-Atlantic region. The FIRST program is celebrating its 25th year of operations in 2021. The continuing goal of the program is to deliver timely, unbiased comparisons of innovative seed genetics to improve yield and profitability for American farmers.

This season had many things going for it. Planting went well, with good conditions for our corn and silage sites in May, and soybean locations in June. The growing season was excellent in terms of rainfall and heat throughout these regions. We started chopping silage on August 30, and had some earlier drydown in the silage plots, finishing on September 28.

The corn yields were outstanding this year. Some late season diseases appeared, but none seemed to affect yields. There were quite a few 300 bushel plots in Pennsylvania. Corn yields were well above average in nearly every plot. Because most soybean locations had no moisture limitation, the vegetative growth was strong, leading to some lodging. Soybean yields did not disappoint though, with a plot average of 81 bushels per acre at Mount Joy for example.

I would like to thank all of our host farmers and seed companies for the time, effort and communication that they provide to help us conduct these trials in a professional and timely fashion. Their support and dedication towards the program have allowed us to supply all producers with a valuable tool when it comes to making good, solid seed selections for next year's crop.

**Rob Kauffman**

# 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.

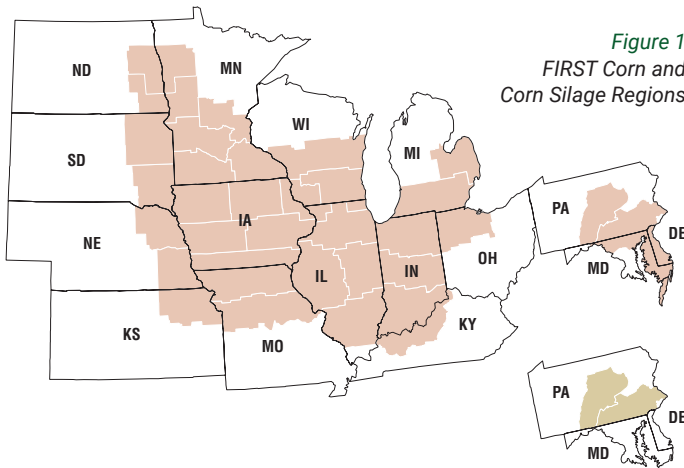


Figure 1  
FIRST Corn and Corn Silage Regions

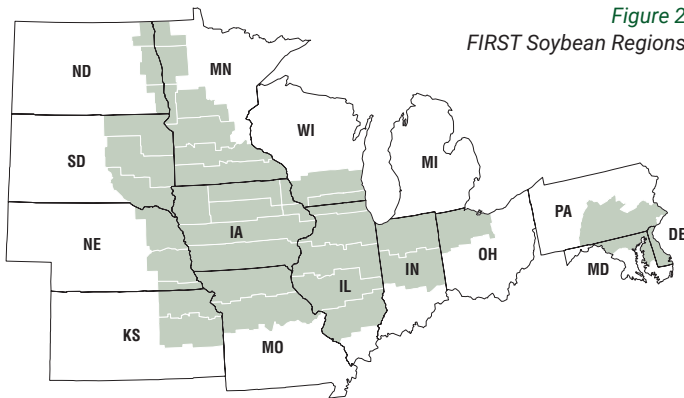


Figure 2  
FIRST Soybean Regions

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.

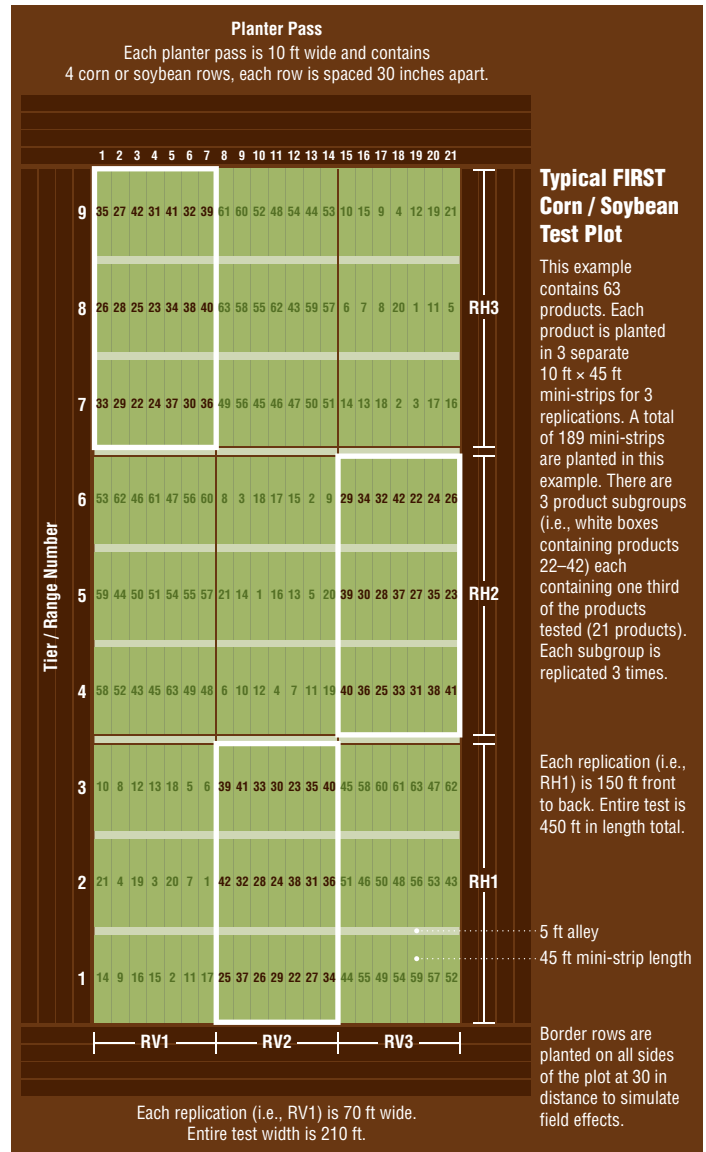
Seed companies and/or seed distributors are invited to submit their most promising seed products within specified test maturity limits to desired test regions. They provide high-quality seed from commercial lots and fees to enter FIRST tests. The only exceptions are check products (CK after product names, 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).

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. The Region Summary Reports are compiled here for 2021 Pennsylvania & Mid-Atlantic.

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	For Lake	Ofsted	Plover	Ripon	Tonah		
DAIRYLAND	DS-3810Q	QR,B	98	<b>230.2</b>	18.3	1	\$784	4	<b>264.6</b>	230.8	165.2	216.1	<b>274.5</b>		
FEDERAL	4880 VT2P8B	VT2P8	98	<b>229.4</b>	16.3	1	\$794	1	<b>261.3</b>	228.1	<b>180.0</b>	<b>245.8</b>	231.8		
HEFTY	H452V2P8B	VT2P8	93	<b>229.2</b>	17.0	1	\$788	2	<b>263.5</b>	239.0	<b>201.3</b>	220.9	244.1		
DAIRYLAND	DS-3550AM	AMB,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	<b>235.0</b>		
JUNG	47DP429	VT2P8	97	<b>227.7</b>	16.9	1	\$782	5	<b>269.1</b>	<b>252.1</b>	146.2	222.6	<b>248.5</b>		
NORTHSTAR	NS-98-S13 STXRIB	STX,B	98	<b>227.2</b>	16.7	2	\$782	6	<b>250.4</b>	<b>254.9</b>	<b>174.4</b>	213.6	242.6		
THUNDER	T6098 VT2P	VT2P8	98	<b>225.5</b>	17.1	1	\$775	8	251.0	232.9	164.4	<b>234.4</b>	234.6		
PIONEER	P96080 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	VT2P8	96	223.9	16.7	1	\$772	9	248.3	238.2	153.9	<b>226.0</b>	<b>253.3</b>		
HEFTY	H454V2P	VT2P	95	223.1	16.1	1	\$771	11	<b>257.8</b>	238.4	155.4	215.3	<b>248.3</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)	Arifington	Oregon	Pestille	Waterdown				
CRENENZ	CS-2121GTLT GC	LLGT27	1	<b>68.8</b>	11.1	6	\$619	<b>72.8</b>	61.8	<b>73.9</b>	<b>66.8</b>				
FS	HS-24X80	RRX	2.4	<b>67.6</b>	10.9	7	\$609	<b>68.1</b>	70.5	<b>67.1</b>	<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	66.9	11.0	6	\$602	64.7	<b>66.9</b>	70.4	<b>65.3</b>				
TITAN PRO	T20E409	E3	2.2	66.7	11.3	9	\$600	65.3	62.4	<b>72.5</b>	<b>66.5</b>				
PIONEER	P28A15X U	RRX	2.3	66.6	11.0	8	\$600	<b>67.9</b>	63.4	<b>65.7</b>	<b>69.5</b>				
CRENENZ	CS-20A01TLL GC	LLGT27	2.0	66.4	10.8	6	\$598	71.7	<b>65.8</b>	69.5	58.7				
GENESIS	G2550E	E3	2.5	66.4	11.1	8	\$598	<b>70.3</b>	62.8	68.9	63.7				
LATHAM	L-2549 R2X	RRX	2.5	66.1	10.8	7	\$595	<b>70.6</b>	<b>64.9</b>	67.3	61.3				
LATHAM	L-2595 R2X	RRX	2.2	65.9	10.6	9	\$594	<b>69.2</b>	62.9	70.4	61.2				

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](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.

# TECHNOLOGY CODE LEGEND

## Product Suffix Key

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

## Corn Seed Technology Key

CODE	DESCRIPTION
<b>3000GT</b>	Agrisure® 3000GT (CB,RW,LL,GT)
<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>3120</b>	Agrisure® 3120 (CB,HX,LL,GT)
<b>3122</b>	Agrisure® 3122 (CB,HXX,RW,LL,GT)
<b>3220</b>	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
<b>3330</b>	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
<b>5122</b>	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)
<b>5222</b>	Agrisure® Duracade® 5222 (Vip,CB,HX,RW,RW2,LL,GT)
<b>5332</b>	Agrisure® Duracade® 5332 (Vip,CB,HX,RW,RW2,LL,GT)
<b>A</b>	Agrisure® Artesian®
<b>AM</b>	Optimum® AcreMax® (YGCB,HX,LL,RR2)
<b>AMXT</b>	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)
<b>AQ</b>	Optimum® AQUAmax®
<b>CONV</b>	conventional corn
<b>DG</b>	DroughtGard®
<b>E</b>	Enlist™ (2,4-D, glyphosate, fop tolerance)
<b>GT</b>	Agrisure® GT
<b>PC</b>	PowerCore™ (HX,VT2P)
<b>QR</b>	Qrome™
<b>RR2</b>	Roundup Ready® 2 Corn
<b>STX</b>	SmartStax® (VT3P,HXX)
<b>TRE</b>	Trecepta®
<b>VT2P</b>	VT Double PRO®

## Corn Seed Treatment Key

ABBREVIATION	DESCRIPTION
<b>NA</b>	not available
<b>Treated</b>	Treated seed, unspecified
<b>AC</b>	Acceleron® unspecified
<b>AC,P2</b>	Acceleron® 250
<b>AC,P2V</b>	Acceleron® Poncho 250/Votivo
<b>AC,P5</b>	Acceleron® 500
<b>AC,P5V</b>	Acceleron® Poncho 500/Votivo
<b>AC,WuxZN</b>	Acceleron® + Wuxal Terios Zn
<b>AL2500</b>	Alert 2500, Surefire
<b>AVC,C2</b>	Avicta® Complete 250
<b>AVC,C5</b>	Avicta® Complete 500
<b>B-300</b>	Acceleron® B-300 SAT
<b>B-360</b>	BioRise™ B-360 ST
<b>BPS</b>	Burrus PowerShield
<b>C2</b>	Cruiser 250
<b>CM,C1</b>	CruiserMaxx® 1250
<b>CM,C2</b>	CruiserMaxx® 250
<b>CM,C5</b>	Cruisermaxx® 500
<b>EDC</b>	Enhanced Disease Control
<b>EDC-B</b>	Acceleron® BASIC
<b>EDC-EL</b>	Acceleron® ELITE
<b>Edge-CST</b>	Vibrance® Cinco + Cruiser® (Midland Genetics)
<b>Es</b>	Escalate
<b>HC</b>	Hefty Complete
<b>Lum</b>	LumiGEN™ (Corteva Agriscience)
<b>Lu</b>	Lumisena™
<b>MSC</b>	Miller Hybrids ShieldCoat™ with Vertex
<b>MAG</b>	ArmorGuard (Federal Hybrids)
<b>MSC,FL,V-34</b>	Miller Hybrids ShieldCoat™ with Vertex, SStartUP™ FLUDI, SStartUP™ Vitavax-34
<b>P1</b>	Poncho 1250
<b>P1V</b>	Poncho 1250/Votivo
<b>RA</b>	Radius 500 (Local Seed Co)

<b>Sb</b>	SabrEx Inoculant
<b>SU</b>	StepUp
<b>Ti</b>	Titan Corn 250 (M & W Seeds)
<b>Vi</b>	Vibrance®
<b>Vi5</b>	Vibrance® Cinco

## 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 Seed Treatment Key

ABBREVIATION	DESCRIPTION
<b>NA</b>	not available
<b>Treated</b>	Treated seed, unspecified
<b>Untreated</b>	No seed treatment applied
<b>A2020</b>	Alert 2020 (Partners Brand Seed)
<b>ACi</b>	Acceleron® Standard Insecticide-Fungicide
<b>AVC,C5,Vi</b>	Avicta® Complete 500, Vibrance
<b>ASñ,SA</b>	AgriShield Max with Saltro®
<b>B-200</b>	B-200 SAT
<b>BPS-SDS</b>	Burrus PowerShield® SDS
<b>CMB</b>	CruiserMaxx® Beans
<b>CMBV</b>	CruiserMaxx® Beans, Vibrance®
<b>DST</b>	Dominance 2 ST
<b>DST4,SA</b>	Dominance 4 ST,Saltro®
<b>DST5</b>	Dominance 5 ST
<b>ECTC,NF,NH</b>	Eclipse US Total Coverage Trio IM, N-Force, N-Hibit
<b>Edge-SST</b>	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Saltro® (Midland Genetics)
<b>En</b>	Encase, Excalibre-SA™
<b>EQV,SA</b>	Equity VIP, Saltro®
<b>Fortify</b>	Insecticide-Fungicide (Rob-See-Co)
<b>Ga</b>	Gaucho®
<b>Gr+</b>	Great Start Max Plus (Great Heart Seed)
<b>HCS</b>	Hefty Complete Soybeans
<b>IL</b>	ILeVO®
<b>IS</b>	Intego® Suite
<b>Liftoff Stage 2</b>	Insecticide-Fungicide (Rupp Seeds)
<b>Lu</b>	Lumisena™ (Corteva Agriscience)
<b>Lum</b>	LumiGEN™ (Corteva Agriscience)
<b>MAG</b>	Max Armor Guard (Federal Hybrids)
<b>MAX</b>	Maximize (Meherrin Ag)
<b>OB</b>	Obvius Plus
<b>PG+</b>	Profit Guard+ (Cornelius Seed)
<b>PS</b>	Pro-Shield (Mid-Atlantic Seeds)
<b>PV</b>	Poncho/Votivo
<b>RP</b>	Radius Premium (Local Seed Co)
<b>Ri</b>	Rizolex
<b>SA</b>	Saltro®
<b>SFI</b>	Stine XP F&I
<b>SS</b>	SoyShield
<b>Vi,Ti</b>	Vibrance®, Trio
<b>WyK</b>	WyckOAT fueled by Soy-Defense (Wyckoff Hybrids)

## 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.

# CORN REGIONS: PACE, PASE, DMNO



## Site Description: **PACE** (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
Centre Hall	Wade Wolfe	silt loam	minimum	corn	210	18-May	8-Nov	31.8	220.7	181.8	17
Danville	Rich & Stan Crone	clay loam	no-till	wheat/soybean	200	20-May	29-Nov	30.9	222.1	184.4	18
Martinsburg	Jim Smith	silt loam	minimum	soybeans	175	19-May	15-Nov	33.9	219.0	177.9	19
McVeytown	Charles Groff	silty clay loam	conventional	corn	226	13-May	18-Oct	33.4	247.7	164.1	14
Northumberland	Scott Shoop	silt loam	no-till	soybeans	232	20-May	27-Nov	32.7	241.9	205.4	16
Ringtown	Scott Careyva	clay loam	no-till	soybeans	215	21-May	9-Nov	31.7	244.9	232.9	12
								<b>PACE</b>	<b>173.0</b>	<b>19</b>	

## Site Description: **PASE** (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
Elverson	Dave Mast	silty clay loam	no-till	soybeans	270	13-May	25-Oct	33.0	250.4	196.7	20
Kutztown	Jon Stutzman	silty clay loam	no-till	pumpkin	220	11-May	22-Nov	31.8	250.2	214.3	18
Lebanon	Steve Wenger	sandy clay loam	minimum	corn	223	4-May	15-Oct	31.6	263.3	201.2	18
Mechanicsburg	Daryl Alger	silty clay loam	no-till	soybeans	260	6-May	1-Nov	33.5	277.7	281.5	2
Mount Joy	John Conley	silty clay loam	minimum	corn	255	1-May	13-Oct	33.1	266.9	152.6	3
Spring Grove	Jim Bange	silt loam	no-till	corn	261	17-May	19-Nov	31.7	260.3	211.7	13
								<b>PASE</b>	<b>187.6</b>	<b>19</b>	

## Site Description: **DMNO** (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
Bridgeville	Ken Arney	loamy sand	conventional	soybeans	225	14-May	1-Oct	32.9	259.5	215.3	17
Chestertown	Tom Mason	loamy sand	minimum	wheat/soybean	222	26-May	10-Nov	32.4	181.6	180.4	12
Middletown	Bill Alfree	loamy sand	conventional	wheat/soybean	259	11-May	12-Oct	33.6	227.0	201.5	18
Pungoteague	Larry Custis	sand	no-till	soybeans	160	24-May	5-Oct	29.3	186.5	183.7	7
Warwick	Jonathan Quinn	loamy sand	no-till	soybeans	224	25-May	3-Nov	33.4	238.7	179.4	19
Westminister	Doug Armacost	clay loam	no-till	soybeans	247	17-May	16-Nov	30.7	240.5	196.1	16
								<b>DMNO</b>	<b>175.7</b>	<b>19</b>	

## CORN REGIONAL ANNUAL YIELD AVERAGES FOR 2017-2021

FIRST Region	Average Yield by Year (Bu/A)					Since Inception	
	2021	2020	2019	2018	2017	Bu/A	#Years
<b>PACE</b>	233.0	191.2	215.0	173.4	221.9	173.0	19
<b>PASE</b>	261.4	229.6	246.8	207.3	238.1	187.6	19
<b>DMNO</b>	222.1	216.2	208.2	185.0	222.3	175.7	19

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

ALL-SEASON TEST   102-112 Day CRM   Top 30 of 54 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	Centre Hall	Danville	Martinsburg	McVeytown	Northumberland	Ringtown
Hefty	H6244 RIB	STX	112	<b>247.7</b>	23.3	0	\$1,430	2	<b>239.3</b>	236.6	<b>234.4</b>	<b>270.5</b>	<b>265.4</b>	240.1
Hubner	H6456RCSS	STX	109	<b>247.4</b>	22.3	1	\$1,435	1	236.1	232.9	<b>244.3</b>	<b>264.2</b>	<b>259.4</b>	247.5
Local Seed	LC0918 SSSXRIB	STX	109	<b>243.3</b>	21.3	1	\$1,417	4	234.9	234.9	<b>238.4</b>	<b>262.4</b>	249.6	239.8
Chemgro	6725RDP	VT2P	107	<b>242.9</b>	19.0	2	\$1,426	3	<b>244.7</b>	<b>238.6</b>	223.7	248.0	238.4	<b>264.0</b>
DeKalb	DKC58-64RIB GC	STX	108	<b>241.8</b>	22.1	0	\$1,402	7	217.9	<b>241.1</b>	223.0	<b>281.2</b>	242.4	245.0
Mid-Atlantic	MA8110	TRE	111	240.5	21.2	1	\$1,403	6	217.9	<b>242.7</b>	<b>247.3</b>	227.9	<b>261.5</b>	245.6
Augusta	A1961 TRE	TRE	111	240.5	20.4	1	\$1,403	5	<b>244.6</b>	223.3	218.1	254.6	242.1	<b>260.2</b>
Pioneer	P0806AM GC	AM	108	239.8	21.2	0	\$1,396	8	231.8	214.9	226.6	<b>270.4</b>	248.1	247.2
Augusta	A4463 VT2P	VT2P	113	239.1	21.8	0	\$1,390	10	214.8	<b>243.4</b>	<b>237.6</b>	246.2	250.9	241.5
Seed Consultants	SC1122Q	QR	112	238.9	22.3	0	\$1,384	12	224.6	226.7	229.2	<b>265.6</b>	245.0	242.2
Augusta	A3363 VT2PDG	VT2PDG	113	238.8	23.2	1	\$1,378	18	225.7	230.8	220.5	<b>266.0</b>	246.1	243.7
Hefty	H6134 RIB	STX	111	238.6	21.8	1	\$1,386	11	232.5	229.1	229.8	253.1	245.4	241.5
Mid-Atlantic	MA8042	STX	104	237.4	19.4	1	\$1,392	9	232.0	213.8	<b>235.7</b>	257.8	229.9	255.1
Seedway	SW1162VT	VT2P	111	237.1	21.6	2	\$1,378	17	219.4	227.0	233.3	250.9	244.5	247.3
Seed Consultants	SC1092AM	AM	109	236.9	20.7	0	\$1,380	14	228.0	218.1	214.7	<b>266.7</b>	231.6	<b>262.5</b>
Hefty	H5952	VT2P	109	236.2	20.9	1	\$1,378	19	220.7	<b>247.9</b>	216.7	230.6	252.0	249.2
Seed Consultants	SC1087AM	AM	108	236.2	20.4	1	\$1,379	16	211.6	230.3	218.4	<b>273.6</b>	238.0	245.2
Hubner	H6390RCSS	STX	108	235.5	20.7	1	\$1,373	23	217.9	217.9	213.0	<b>261.1</b>	249.7	253.4
Seed Consultants	SC1071AM	AM	107	235.4	20.8	1	\$1,372	24	209.2	229.3	219.3	<b>268.6</b>	245.7	<b>240.2</b>
Dyna-Gro	D45TC55	TRE	105	235.3	19.0	1	\$1,382	13	214.8	202.5	<b>228.2</b>	<b>260.2</b>	243.8	<b>262.1</b>
Seedway	SW6340	VT2P	106	235.0	18.9	1	\$1,380	15	236.7	215.5	208.4	234.7	242.7	<b>271.9</b>
Local Seed	LC0707 DGVT2PRIB	VT2PDG	107	234.8	19.7	1	\$1,374	22	221.0	236.0	<b>207.8</b>	<b>264.1</b>	228.6	251.5
Seedway	SW6540	VT2P	109	234.8	19.4	0	\$1,377	20	217.7	206.8	<b>237.7</b>	237.6	241.6	<b>267.1</b>
Mid-Atlantic	MA8128	VT2P	112	234.7	21.8	1	\$1,364	28	220.5	231.8	228.3	248.7	241.6	237.6
Mid-Atlantic	MA8106	VT2P	110	234.6	20.9	1	\$1,368	26	222.8	<b>238.9</b>	199.3	258.0	255.0	233.8
Seed Consultants	SC1042Q	QR	104	233.4	19.5	0	\$1,369	25	198.0	218.2	226.9	<b>271.0</b>	245.9	240.3
Hefty	H5812 RIB	VT2P	108	232.9	19.7	0	\$1,363	29	231.5	234.4	202.4	246.4	228.6	254.3
Chemgro	6815RDP	VT2P	108	232.5	19.6	0	\$1,363	30	224.0	212.4	202.2	243.6	<b>260.7</b>	252.3
Local Seed	LC0297 VT2PRIB	VT2P	102	232.4	17.3	3	\$1,376	21	214.8	224.3	205.7	238.4	<b>259.4</b>	252.1
Local Seed	LC0607 TCRIB	TRE	106	231.6	18.3	1	\$1,364	27	217.4	207.5	216.7	249.2	238.3	<b>260.5</b>
Averages =				<b>232.7</b>	<b>20.5</b>	<b>1</b>	<b>\$1,358</b>		<b>220.7</b>	<b>222.1</b>	<b>219.0</b>	<b>247.7</b>	<b>241.9</b>	<b>244.9</b>
LSD (0.10) =				9.0	0.8	1.1			16.8	14.5	14.7	12.3	15.9	13.4

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

ALL-SEASON TEST   105-115 Day CRM   Top 30 of 54 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	Elverson	Kutztown	Lebanon	Mechanicsburg	Mount Joy	Spring Grove
Local Seed	LC0918 SSSXRIB	STX	109	<b>279.6</b>	18.6	1	\$1,641	1	258.1	<b>272.8</b>	<b>281.6</b>	<b>292.5</b>	284.5	<b>288.4</b>
Dyna-Gro	D54VC34	VT2P	114	<b>278.6</b>	20.8	2	\$1,619	3	<b>269.4</b>	260.0	268.8	<b>308.2</b>	<b>294.9</b>	270.0
Seed Consultants	SC1112AM	AM	111	<b>277.9</b>	19.7	1	\$1,622	2	<b>268.7</b>	<b>266.4</b>	<b>288.8</b>	<b>299.1</b>	279.8	264.4
Local Seed	LC1497 DGVT2PRIB	VT2PDG	114	<b>274.6</b>	19.7	1	\$1,604	4	<b>264.1</b>	<b>270.3</b>	252.3	<b>304.1</b>	283.1	<b>273.4</b>
Hubner	H6663RCSS	STX	113	<b>273.1</b>	21.9	1	\$1,579	8	260.0	<b>272.1</b>	<b>285.1</b>	270.9	279.5	271.1
Hubner	H6456RCSS	STX	109	<b>272.2</b>	19.2	0	\$1,594	5	260.0	<b>269.8</b>	265.9	280.7	276.9	<b>280.0</b>
Local Seed	LC1307 TCRIB	TRE	113	<b>271.3</b>	18.3	3	\$1,594	6	262.6	263.3	271.4	276.9	275.3	<b>278.4</b>
Seedway	SW1162VT	VT2P	111	<b>270.4</b>	19.3	1	\$1,582	7	<b>272.7</b>	255.3	258.3	286.3	275.3	<b>274.5</b>
Local Seed	LC1398 VT2PRIB	VT2P	113	<b>270.3</b>	19.9	1	\$1,577	10	<b>267.1</b>	257.8	263.1	288.1	275.7	269.8
Hefty	H6524 RIB	STX	115	<b>269.4</b>	20.9	1	\$1,565	14	263.1	260.2	<b>301.8</b>	274.6	251.4	265.5
Augusta	A1961 TRE	TRE	111	268.8	18.5	2	\$1,578	9	244.1	258.9	256.3	280.9	<b>291.8</b>	<b>280.6</b>
Augusta	A4463 VT2P	VT2P	113	268.5	19.5	2	\$1,570	12	<b>273.0</b>	252.3	253.0	291.3	281.1	260.6
Seed Consultants	SC1122Q	QR	112	268.1	19.6	1	\$1,564	15	<b>264.9</b>	250.9	<b>285.8</b>	272.3	<b>289.3</b>	245.7
Chemgro	6929RSX	STX	109	267.9	17.8	1	\$1,576	11	259.7	246.6	<b>280.9</b>	281.2	272.5	266.5
Seed Consultants	SC1087AM	AM	108	266.9	18.1	3	\$1,569	13	262.3	261.7	259.8	275.1	284.1	258.3
Hubner	H6763RCSS	STX	115	266.8	20.0	0	\$1,556	16	256.8	<b>270.6</b>	273.5	270.1	267.2	262.5
Seedway	SW1579VT	VT2P	115	266.2	21.3	0	\$1,545	21	256.1	263.1	262.7	289.2	264.8	261.4
Seedway	SW6790	VT2P	112	266.0	19.3	1	\$1,555	17	248.9	247.0	271.7	286.7	278.4	263.1
NK Brand	NK1082-5222A EZR	5222A	110	265.9	20.0	2	\$1,552	19	256.8	258.5	264.1	276.7	268.3	271.2
Pioneer	P1077AM GC	AM,AQ	110	265.6	19.0	1	\$1,553	18	255.0	242.8	267.1	268.5	<b>303.9</b>	256.4
Augusta	A3363 VT2PDG	VT2PDG	113	265.0	20.8	0	\$1,541	23	246.4	251.2	270.0	290.2	271.0	261.1
Hefty	H5952	VT2P	109	264.4	18.9	1	\$1,548	20	262.2	247.9	269.7	275.0	265.6	265.7
Augusta	A1165 VT2P	VT2P	115	263.9	21.2	0	\$1,532	28	250.5	257.4	269.4	275.3	259.1	271.6
Mid-Atlantic	MA8110	TRE	111	263.5	18.9	2	\$1,544	22	252.2	253.5	265.3	269.3	268.0	<b>272.5</b>
DeKalb	DKC62-53RIB GC	VT2P	112	262.0	19.0	0	\$1,536	25	253.1	251.3	263.1	280.7	256.2	267.6
Hubner	H6410RCSS	STX	109	261.8	18.4	1	\$1,538	24	253.1	253.5	250.4	274.7	279.5	259.8
Seed Consultants	SC1092AM	AM	109	261.2	18.2	0	\$1,536	26	241.3	252.4	235.0	282.7	<b>288.8</b>	267.1
Local Seed	LC0707 DGVT2PRIB	VT2PDG	107	261.0	18.0	1	\$1,534	27	234.0	234.8	268.7	283.4	282.9	262.3
Hubner	H6390RCSS	STX	108	260.4	18.5	1	\$1,527	29	249.7	249.8	266.7	262.8	277.4	256.3
Mid-Atlantic	MA8106	VT2P	110	260.0	18.4	0	\$1,526	30	251.5	239.6	264.8	283.3	263.5	257.0
Averages =				<b>261.5</b>	<b>19.5</b>	<b>1</b>	<b>\$1,528</b>		<b>250.5</b>	<b>250.2</b>	<b>263.2</b>	<b>277.7</b>	<b>266.9</b>	<b>260.3</b>
LSD (0.10) =				7.5	0.5	1.8			13.1	13.1	14.3	14.6	18.5	12.0

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

ALL-SEASON TEST | 106-116 Day CRM | Top 30 of 53 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.					
									Bridgeville	Chester town	Middletown	Pungoteague	Warwick	Westminster
MorCorn	MC 4311	TRE	113	<b>240.3</b>	16.5	4	\$1,417	1	<b>281.3</b>	<b>219.6</b>	232.0	198.1	247.4	<b>263.5</b>
Dyna-Gro	D55VC80	VT2P	115	<b>237.2</b>	17.3	0	\$1,393	2	<b>282.8</b>	193.6	242.4	194.5	250.7	<b>259.0</b>
Hefty	H6244 RIB	STX	112	<b>235.2</b>	17.3	1	\$1,381	3	<b>291.4</b>	189.4	224.6	199.8	<b>258.9</b>	247.0
Hefty	H6354	STX	113	<b>233.7</b>	16.6	1	\$1,376	4	254.6	195.8	240.3	<b>215.4</b>	256.4	239.9
Local Seed	LC1398 VT2PRIB	VT2P	113	<b>232.5</b>	16.8	1	\$1,370	5	264.1	<b>215.1</b>	232.3	177.6	254.3	251.4
Hefty	H5944 RIB	STX	109	231.8	15.8	2	\$1,368	6	266.2	171.6	<b>253.5</b>	197.1	257.0	245.1
Augusta	A7162 VT2P	VT2P	112	231.3	16.8	4	\$1,361	7	261.8	176.1	252.1	189.0	257.7	251.1
Local Seed	LC1497 DGV2PRIB	VT2PDG	114	<b>230.5</b>	16.3	1	\$1,359	8	279.7	180.8	247.6	177.5	256.7	240.5
Hubner	H4890RC2P	VT2P	117	229.7	18.2	3	\$1,345	14	266.3	188.6	236.1	189.4	233.0	<b>264.8</b>
Augusta	A3363 VT2PDG	VT2PDG	113	229.5	17.2	2	\$1,348	13	278.2	184.1	211.3	200.8	245.0	<b>257.8</b>
Augusta	A1961 TRE	TRE	111	229.0	16.1	2	\$1,352	9	<b>286.9</b>	196.6	201.7	192.1	236.5	<b>260.2</b>
Hubner	H4390RC2P	VT2P	109	228.9	16.1	6	\$1,351	10	266.5	187.0	241.5	183.7	256.7	238.2
Hubner	H13G513	VT2PDG	113	228.9	16.6	5	\$1,348	12	267.6	182.5	204.6	<b>209.8</b>	<b>260.3</b>	248.4
Mid-Atlantic	MA8110	TRE	111	228.6	16.2	5	\$1,350	11	244.0	184.7	221.2	199.7	<b>262.3</b>	<b>260.0</b>
Hubner	H4828RC2P	VT2P	116	227.9	17.4	1	\$1,338	15	251.3	177.7	249.5	182.1	252.0	<b>254.8</b>
Hubner	H4763RC2P	VT2P	115	226.9	17.5	1	\$1,333	17	267.5	181.9	215.0	178.4	<b>259.8</b>	<b>258.6</b>
Local Seed	LC1307 TCRIB	TRE	113	226.8	16.1	2	\$1,338	16	270.3	190.2	227.2	199.9	241.1	232.0
Dyna-Gro	D54VC34	VT2P	114	226.2	17.3	6	\$1,328	18	248.9	181.7	226.7	<b>219.2</b>	243.2	237.6
Augusta	A1165 VT2P	VT2P	115	225.5	17.7	3	\$1,321	19	<b>283.8</b>	184.1	230.5	185.6	227.0	241.8
Chemgro	7615RDP	VT2P	116	225.1	17.3	2	\$1,320	21	275.5	172.1	213.6	<b>214.8</b>	232.7	241.7
Local Seed	LC1616 TCRIB	TRE	116	224.7	18.0	0	\$1,315	25	270.4	192.9	244.4	184.7	212.3	243.6
Mid-Atlantic	MA8141	VT2PDG	114	224.5	17.3	1	\$1,318	22	262.4	183.3	226.9	184.0	257.8	232.6
Local Seed	LC1407 VT2PRIB	VT2P	114	223.7	16.9	4	\$1,315	24	269.4	168.9	233.1	186.6	237.5	246.7
DeKalb	DKC62-53RIB GC	VT2P	112	223.6	16.1	3	\$1,320	20	253.1	190.1	232.7	174.8	254.0	237.1
Great Heart	HT-7425DGV2P	VT2PDG	114	223.6	17.7	0	\$1,309	29	248.1	179.3	246.2	<b>212.9</b>	223.4	231.6
MorCorn	MC 4319	VT2P	113	223.4	17.3	5	\$1,311	27	267.7	173.8	215.3	<b>210.9</b>	226.7	245.8
DeKalb	DKC58-64RIB GC	STX	108	222.8	16.2	7	\$1,316	23	210.9	<b>212.4</b>	<b>253.7</b>	178.4	238.1	243.3
Mid-Atlantic	MA8106	VT2P	110	222.3	15.9	4	\$1,313	26	270.9	171.4	243.7	169.9	237.2	240.9
Mid-Atlantic	MA8128	VT2P	112	222.0	15.9	7	\$1,311	28	269.5	171.4	229.8	184.5	245.5	231.6
Local Seed	LC1009 VT2PRIB	VT2P	110	221.3	15.8	5	\$1,307	30	269.3	167.9	241.9	171.6	238.8	238.6
<b>Averages =</b>				<b>222.3</b>	<b>16.8</b>	<b>3</b>	<b>\$1,308</b>		<b>259.8</b>	<b>181.6</b>	<b>227.0</b>	<b>186.5</b>	<b>238.7</b>	<b>240.5</b>
LSD (0.10) =				10.9	0.4	3.6			20.9	20.1	25.9	14.6	19.4	13.4


## CORN PRODUCTS TESTED


Product/Brand	Technology	Maturity	RIB	STrt	Region(s) Tested
<b>AUGUSTA   Augusta Seed Corporation</b>					
www.augustaseed.com PO Box 899, Verona, VA 24482   (540) 886-6055					
A1059-3110	3110	109	N	CM,C2	IAWCa, KSNEa, PACE
A1060-3330	3330	110	N	CM,C2	IAECa, IASOa, IAWCa, ILECa, ILSOa, ILWCa, INCEa, INNOB, INSOa, NCTSB, PACE, PASE
A1165 VT2P	VT2P	115	N	CM,C2	DMNO, PASE
A1259-5222	5222	109	N	CM,C2	IAECa, IASOa, ILECa, ILNOa, ILSOa, ILWCa, INCEa, INSOa, KSNEa, MOCEa, MONOa, NENEa, OHNWb, PACE
A1961 TRE	TRE	111	N	AC,P2	DMNO, PACE, PASE
A2362 VT2P	VT2P	112	N	CM,C2	DMNO, PACE, PASE
A3363 VT2PDG	VT2PDG	113	N	CM,C2	DMNO, INSOa, PACE, PASE
A4463 VT2P	VT2P	113	N	CM,C2	DMNO, PACE, PASE
A5364-3120-EZ	3120	114	Y	AVC,C5	DMNO
A7162 VT2P	VT2P	112	N	CM,C2	DMNO, PASE
<b>CHEMGRO   Chemgro Seeds, Inc.</b>					
www.chemgro.com PO Box 218, East Petersburg, PA 17520   (800) 346-4769					
6505RDP	VT2P	105	Y	AC,P2	PACE
6725RDP	VT2P	107	Y	AC,P5	PACE
6815RDP	VT2P	108	Y	AC,P2	PACE, PASE
6929RSX	STX	109	Y	AC,P2	PACE, PASE


Product/Brand	Technology	Maturity	RIB	STrt	Region(s) Tested
7305RDP	VT2P	113	Y	AC,P2	DMNO, PASE
7505RDP	VT2P	115	Y	AC,P2	DMNO, PASE
7525RDP	VT2P	115	Y	AC,P5	DMNO
7615RDP	VT2P	116	Y	AC,P2	DMNO
<b>DEKALB   DeKalb Brand (Bayer CropScience)</b>					
www.dekalb.com 800 N Lindbergh Blvd, St. Louis, MO 63167   (800) 768-6387					
DKC58-64RIB GC	STX	108	Y	Treated	DMNO, ILNOa, NCTSB, PACE
DKC62-53RIB GC	VT2P	112	Y	Treated	DMNO, ILSOa, INSOa, PASE
<b>DYNA-GRO   Dyna-Gro Seed (Nutrien Ag Solutions)</b>					
www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538   (970) 685-3300					
D45TC55	TRE	105	N	AC,P5V	INNOa, PACE
D52VC63	VT2P	112	N	AC,P5V	PACE
D54VC34	VT2P	114	N	AC,P5V	DMNO, IAWCb, INCEb, KSNEb, MOCEb, MONOb, NENEb, NESEb, PASE
D55VC80	VT2P	115	N	AC,P5V	DMNO, IAECb, IASOb, ILSOb, INSOB, MOCEb, NESEb, PASE
<b>GREAT HEART   Great Heart Seed</b>					
www.greatheartseed.com 220 W Washington St, Paris, IL 61944   (877) 243-2071					
HT-7425DGV2P	VT2PDG	114	Y	AC,P5V	DMNO, ILSOb
HT-7447VT2P	VT2P	114	Y	AC,P5V	DMNO


For more yield results visit [www.firstseedtests.com](http://www.firstseedtests.com)  
FIRST does not make product endorsements.


# CORN PRODUCTS TESTED


Product/Brand	Technology	Maturity	RIB	STrt	Region(s) Tested
<b>HEFTY   Hefty Seed Company</b> www.heftyseed.com 47504 252nd St, Baltic, SD 57003   (866) 769-7200					
					
H5432 RIB	VT2P	104	Y	HC	IANCa, IANWa, ILNOu, MNSEb, MNSWb, NCTSa, PACE, SDSEb, WISOa
H5655	TRE	106	N	HC	IANCa, IANWa, IAWCa, ILNOa, MNSEb, MNSWb, NCTSa, NENEa, PACE, SDSEb, WISOb
H5812 RIB	VT2P	108	Y	HC	IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILWCa, NCTSB, NENEa, PACE, WISOB
H5832 RIB	VT2P	108	Y	HC	IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, ILSOa, ILWCa, NCTSB, NENEa, NESEa, PACE, WISOB
H5944 RIB	STX	109	Y	HC	DMNO, IAECa, IANCb, IANWb, ILECa, ILNOa, ILWCa, NCTSB, NENEa, PACE
H5952	VT2P	109	N	HC	IAECa, IANCb, IANWb, IAWCa, ILNOa, NCTSB, NENEa, NESEa, PACE, PASE
H6134 RIB	STX	111	Y	HC	DMNO, ILNOb, PACE
H6244 RIB	STX	112	Y	HC	DMNO, IAECb, ILWcb, NENEb, NESEa, PACE
H6252	VT2P	112	N	HC	IAECb, ILNOb, ILSOa, ILWcb, NENEb, PASE
H6354	STX	113	N	HC	DMNO, IAECb, ILECb, ILSOb
H6423 RIB	VT2PDG	114	Y	HC	IAWcb, ILECb, ILSOb, NESEb, PASE
H6524 RIB	STX	115	Y	HC	IAWcb, ILECb, PASE
H6532 VT2PRIB	VT2P	115	Y	HC	DMNO, ILSOb, NESEb
H6552	VT2P	115	N	HC	DMNO, IAECb, IAWCb, ILECb, ILSOb, ILWcb, NESEb, PASE


<b>HUBNER   Hubner Seed (Bayer CropScience)</b> www.hubnerseed.com 10280 W State Rd 28, West Lebanon, IN 47991   (800) 328-4428					
					
H05G716	VT2PDG	105	Y	AC,P5,B360	PACE
H09G056	VT2PDG	109	Y	AC,P5	DMNO
H13G513	VT2PDG	113	Y	AC,P2	DMNO
H4390RC2P	VT2P	109	Y	AC,P2	DMNO
H4763RC2P	VT2P	115	Y	AC,P2	DMNO
H4828RC2P	VT2P	116	Y	AC,P2	DMNO
H4890RC2P	VT2P	117	Y	AC,P5	DMNO
H6287RCSS	STX	104	Y	AC,P5	PASE
H6358RCSS	STX	103	Y	AC,P5	PACE
H6390RCSS	STX	108	Y	AC,P5	PACE, PASE
H6410RCSS	STX	109	Y	AC,P5	PASE
H6456RCSS	STX	109	Y	AC,P5	PACE, PASE
H6663RCSS	STX	113	Y	AC,P5	PASE
H6763RCSS	STX	115	Y	AC,P5	PASE


<b>LOCAL SEED   Local Seed Company, LLC</b> www.localseed.com 802 Rozelle St, Memphis, TN 38104   (901) 260-6000					
					
LC0297 VT2PRIB	VT2P	102	Y	RA	MISOa, PACE
LC0518 VT2PRIB	VT2P	105	Y	AC,P5V,EDC-EL	INNOa, MISOb, OHNWa, PACE
LC0607 TCRIb	TRE	106	Y	RA	INCEa, INNOa, MISOb, OHNWa, PACE
LC0707 DGV2PRIBVT2PDG		107	Y	RA	INCEa, INNOa, MISOb, OHNWa, PACE, PASE
LC0918 SSSXRIb	STX	109	Y	AC,P5V,EDC-EL	INCEa, PACE, PASE
LC0999 VT2PRIB	VT2P	109	Y	RA	INCEa, INNOb, OHNWb, PACE
LC1009 VT2PRIB	VT2P	110	Y	RA	DMNO, INCEa, INNOb, OHNWb, PACE
LC1307 TCRIb	TRE	113	Y	RA	DMNO, INCEb, PASE
LC1398 VT2PRIB	VT2P	113	Y	RA	DMNO, INCEb, PASE
LC1407 VT2PRIB	VT2P	114	Y	RA	DMNO, INCEb, PASE
LC1497 DGV2PRIBVT2PDG		114	Y	RA	DMNO, INCEb, PASE
LC1506 VT2PRIB	VT2P	115	Y	RA	DMNO, PASE
LC1616 TCRIb	TRE	116	Y	RA	DMNO


Product/Brand	Technology	Maturity	RIB	STrt	Region(s) Tested
<b>MID-ATLANTIC   Mid-Atlantic Seeds, Inc.</b> www.midatlanticseeds.com 204 St. Charles Way #163E, York, PA 17402   (800) 854-6251					
					
MA5083-5122	5122	108	Y	CM,C2	PACE
MA5155	3111	115	N	CM,C2	DMNO, PASE
MA8039	VT2P	103	Y	AC,P2	PACE
MA8042	STX	104	N	AC,P2	PACE
MA8064	VT2P	106	N	AC,P2	DMNO, PACE, PASE
MA8106	VT2P	110	Y	AC,P2	DMNO, PACE, PASE
MA8110	TRE	111	N	AC,P2	DMNO, PACE, PASE
MA8128	VT2P	112	Y	AC,P2	DMNO, PACE, PASE
MA8141	VT2PDG	114	N	AC,P2	DMNO, PASE
MA8158	STX	115	Y	AC,P2	DMNO, PASE

<b>MORCORN   Distributed Exclusively by Meherrin Ag &amp; Chemical Severn NC</b> www.meherrinag.com/ 413 Main St, Severn, NC 27877   (800) 775-0333					
					
MC 3952	VT2P	109	N	P1	DMNO
MC 4255	VT2P	112	N	P1	DMNO
MC 4311	TRE	113	N	P1	DMNO
MC 4319	VT2P	113	N	P1	DMNO

<b>NK BRAND   NK Brand (Syngenta)</b> www.nkseeds.com 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515   (800) 258-0521					
					
NK0314-5122 EZR	5122	103	Y	AVC,C2,Vi	IANCa, IANWa, MISOa, MITH, MNSEb, MNSWb, NCTSa, PACE, SDSEb, WISOa
NK0748-5122 EZR	5122	107	Y	AVC,C2,Vi	IAECa, IANCb, IANWb, IAWCa, ILECa, ILNOa, MNSEb, MNSWb, NCTSB, PACE, PASE, SDSEb, WISOb
NK0877-3220 EZR	3220	108	Y	AVC,C5,Vi	IAECa, IANCb, IANWb, IAWCa, ILNOa, INCEa, INNOa, NCTSB, OHNWa, PACE, PASE, WISOb
NK1026-5332 EZR	5332	110	Y	AVC,C5,Vi	ILECa, ILNOb, ILWCa, NCTSB, PACE
NK1082-5222A EZR	5222A	110	Y	AVC,C5,Vi	NENEa, NESEa, PACE, PASE
NK1321-3120 EZR	3120	113	Y	AVC,C5,Vi	IAECb, IAWCb, ILECb, ILNOb, ILSOb, ILWcb, INCEb, INSOa, MOCEb, PASE
NK1523-3220 EZR	3220	115	Y	AVC,C5,Vi	IASOb, ILECb, ILSOb, KSNEb, MOCEb, MONOb, NESEb, PASE

<b>PIONEER   DuPont Pioneer (Corteva Agriscience)</b> www.pioneer.com PO Box 454, Johnston, IA 50131   (800) 247-6803					
					
P0806AM GC	AM	108	Y	Lum	DMNO, PACE
P1077AM GC	AMA,Q	110	Y	Lum	DMNO, ILSOa, PACE, PASE

<b>SEED CONSULTANTS   Seed Consultants, Inc. (Corteva Agriscience)</b> www.seedconsultants.com 648 Miami Trace Rd SW, Washington Court House, OH 43160   (800) 708-2676					
					
SC1042Q	QR	104	Y	Lum,P1V	OHNWa, PACE
SC1071AM	AM	107	Y	Lum,P1V	OHNWa, PACE
SC1087AM	AM	108	Y	Lum,P1V	DMNO, OHNWa, PACE, PASE
SC1092AM	AM	109	Y	Lum,P1V	DMNO, OHNWb, PACE, PASE
SC1112AM	AM	111	Y	Lum,P1V	DMNO, OHNWb, PACE, PASE
SC1122Q	QR	112	Y	Lum,P1V	DMNO, OHNWb, PACE, PASE

<b>SEEDWAY   Seedway, LLC</b> www.seedway.com 1734 Railroad Place, Hall, NY 14463   (800) 836-3710					
					
SW1162VT	VT2P	111	Y	AC,P5	PACE, PASE
SW1579VT	VT2P	115	Y	AC,P5	PASE
SW6340	VT2P	106	Y	AC,P5	PACE
SW6540	VT2P	109	Y	AC,P5	PACE
SW6790	VT2P	112	Y	AC,P5	PASE





## Site Description: **PACE** (See corn silage results table on page 10)

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average			
								Stand × 1,000	Yield (ton/ac)	Milk/Ton DM (lbs)	Milk/Ac (lbs)
Centre Hall	Wade Wolfe	silt loam	minimum	corn	197	18-May	11-Sep	32.3	23.2	3,427	29,016
Martinsburg	Gerald Smith	silty clay loam	no-till	alfalfa	240	19-May	25-Sep	34.0	23.4	3,582	30,462
Mifflintown	Dave Graybill	silty clay loam	no-till	wheat/soybean	223	13-May	31-Aug	32.8	20.6	3,330	24,731
New Bloomfield	Steve Adams	silty clay loam	no-till	corn	245	15-May	28-Sep	34.1	25.2	3,359	30,973

## Site Description: **PASE** (See corn silage results table on page 10)

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average			
								Stand × 1,000	Yield (ton/ac)	Milk/Ton DM (lbs)	Milk/Ac (lbs)
Greencastle	Steve Rudolf	silt loam	minimum	soybeans	209	17-May	4-Sep	34.7	26.6	3,392	32,288
Lebanon	Frank Graybill	clay loam	no-till	corn	260	6-May	30-Aug	31.3	22.0	3,567	28,250
Mount Joy	Mike Brubaker	silt loam	no-till	corn	330	7-May	13-Sep	30.8	23.8	3,553	30,501
Nottingham	Alan and Paul Mason	silt loam	minimum	corn	270	25-May	14-Sep	32.1	25.6	3,515	32,394



# Corn Silage Results: PACE (See site description on page 9)

Top 30 of 42 Products Tested   105-116 Day CRM													Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology <sup>1</sup>	CRM	Yield at 65% H2O (Tons/A)	Lodging (%)	Stand (x1,000)	Dry Matter (%)	Crude Protein (% DM)	ENERGY			FIBER			Milk/Ton DM <sup>2</sup>	Rank	Milk/Acre (Lbs)
									Starch (% DM)	In-Situ SD 7 h (%)	NEL (Mcal/lb)	NDF (% DM)	NDFd 30h* (% of NDF)	uNDF 240 h (%DM)			
Augusta	A1059	3000GT	109	25.2	34	0.0	37.4	7.8	<b>40.0</b>	61.33	0.79	35.4	56.8	9.3	3,574	5	31,523
Mid-Atlantic	MA5144	5122,B	114	24.6	33	0.0	32.9	7.6	<b>38.4</b>	63.03	0.78	36.7	56.9	11.1	3,544	6	30,536
Seed Consultants	SCS 1071AM	AM,B	107	23.7	33	0.0	33.5	8.4	<b>39.4</b>	63.68	<b>0.79</b>	35.1	60.1	8.7	<b>3,634</b>	2	30,165
Seedway	SW1162VT	VT2PB	111	23.6	33	0.0	34.7	7.8	<b>39.5</b>	61.43	<b>0.80</b>	34.9	59.9	10.4	<b>3,597</b>	3	29,862
Mid-Atlantic	MA5165HD	3000GT	116	25.1	33	0.0	31.0	7.6	34.9	62.85	0.75	39.2	56.1	11.4	3,397	27	29,852
Seedway	SW0763VT	VT2PB	107	24.4	33	0.0	35.8	7.9	37.0	60.50	0.76	37.9	57.0	10.5	3,478	14	29,761
Channel	209-15STX	STX,B	109	23.5	34	0.0	33.7	8.0	<b>39.1</b>	62.25	0.78	36.1	58.4	9.9	3,587	4	29,553
Local Seed	LC1307 TCRIB	TRE,B	113	24.3	34	0.0	33.3	7.6	36.9	61.03	0.77	37.9	55.8	11.8	3,432	22	29,394
Hubner	H6257RCSS	STX,B	104	23.0	34	0.0	38.0	7.9	<b>40.2</b>	63.38	<b>0.80</b>	34.7	60.4	8.9	<b>3,645</b>	1	29,247
Local Seed	LC1289 VT2PRIB	VT2PB	112	24.5	34	0.0	33.5	7.6	34.5	61.63	0.76	39.8	57.0	12.4	3,402	26	29,235
Seedway	SW6540 GENVT2P RIB	VT2PB	109	23.8	34	0.0	34.9	7.7	37.5	62.10	0.77	37.6	57.4	10.7	3,478	14	28,994
Chemgro	6929RSX	STX,B	109	23.5	34	0.0	34.1	8.2	35.8	62.28	0.77	38.1	58.2	10.0	3,525	9	28,965
Augusta	A1165	VT2P	115	23.8	34	0.0	32.3	7.9	34.9	61.80	0.76	39.0	56.5	11.7	3,456	18	28,797
Seed Consultants	SCS 1122Q	QR,B	112	23.7	34	0.0	31.5	7.9	35.2	63.45	0.76	39.1	58.2	11.2	3,461	17	28,761
Mid-Atlantic	MA5083-5122-EZ	5122,B	108	23.5	33	0.0	34.6	7.8	<b>37.3</b>	63.55	0.77	37.6	58.4	10.4	3,500	12	28,746
Local Seed	LC0999 VT2PRIB	VT2PB	109	23.1	33	0.0	36.4	7.5	<b>39.6</b>	61.63	0.79	35.8	57.2	10.5	3,543	7	28,720
Mid-Atlantic	MA8128-VT2PRIB	VT2PB	112	23.6	32	0.0	35.4	7.4	36.8	59.48	0.76	38.4	57.6	11.7	3,453	19	28,538
Augusta	A5664	5222	114	23.1	33	0.0	31.3	7.7	35.6	63.35	0.76	38.3	58.0	10.6	3,502	11	28,384
Augusta	A4463	VT2P	113	23.7	34	0.0	33.6	8.3	34.4	59.60	0.75	39.2	57.0	11.7	3,408	24	28,373
Local Seed	LC1407 VT2PRIB	VT2PB	114	23.3	33	0.0	32.1	8.1	34.4	60.70	0.75	39.1	56.4	11.0	3,425	23	28,128
Seed Consultants	SCS 1092AM	AM,B	109	22.6	31	0.0	36.0	7.9	38.0	62.13	0.78	36.7	58.6	10.5	3,535	8	28,017
Mid-Atlantic	MA8141	VT2PDG,B	114	22.8	34	0.0	31.4	8.1	36.4	62.55	0.77	37.2	55.2	11.1	3,480	13	27,807
Local Seed	LC0607 TCRIB	TRE,B	106	23.0	34	0.0	38.5	7.8	38.3	62.48	0.77	37.2	56.1	10.7	3,450	20	27,624
Dyna-Gro	D53VC33	VT2P	113	23.2	33	0.0	33.3	7.5	35.0	59.18	0.75	39.5	55.5	11.8	3,380	30	27,450
Augusta	A1457	5122,B	107	22.2	32	0.0	34.7	8.0	37.5	62.65	0.78	36.5	57.3	9.9	3,505	10	27,320
Mid-Atlantic	MA5103	5122,B	110	22.9	33	0.0	32.9	7.4	35.7	64.08	0.76	39.0	56.2	12.2	3,380	29	27,236
Channel	210-98STXRIB	STX,B	112	22.5	32	0.0	32.4	7.9	35.2	62.10	0.77	38.8	59.0	11.5	3,443	21	27,136
Chemgro	7119D4Z	5122,B	111	22.9	32	0.0	32.3	7.6	35.5	64.10	0.77	38.9	57.1	11.7	3,385	28	27,106
Augusta	A4463C	CONV	113	21.2	33	0.0	33.2	8.0	35.6	59.50	0.76	38.7	56.8	11.9	3,477	16	25,841
Brevant	B06U78SXE	STX,E	106	19.9	34	0.0	35.5	8.1	31.8	62.28	0.74	41.7	64.6	8.5	3,406	25	23,706
Average =				<b>23.1</b>	<b>1</b>	<b>33.3</b>	<b>33.4</b>	<b>7.8</b>	<b>35.1</b>	<b>62.1</b>	<b>0.76</b>	<b>39.1</b>	<b>57.5</b>	<b>11.2</b>	<b>3,425</b>		<b>27,738</b>
LSD(0.10) =				ns	2.2		ns	ns	3.3	ns	0.03	3.44	ns	ns	168.6		ns

Yield, Average of (12) Replications; Silage Quality/Milk Production, Average of (4) Replications








# Corn Silage Results: PASE (See site description on page 9)






Top 30 of 42 Products Tested   113-119 Day CRM													Results in BOLD are significantly above test average.				
Company/Brand	Product/Brand	Technology <sup>1</sup>	CRM	Yield at 65% H2O (Tons/A)	Lodging (%)	Stand (x1,000)	Dry Matter (%)	Crude Protein (% DM)	ENERGY			FIBER			Milk/Ton DM <sup>2</sup>	Rank	Milk/Acre (Lbs)
									Starch (% DM)	In-Situ SD 7 h (%)	NEL (Mcal/lb)	NDF (% DM)	NDFd 30h* (% of NDF)	uNDF 240 h (%DM)			
Seedway	SW1579SS	STX,B	115	<b>27.0</b>	32	0.0	34.5	<b>8.6</b>	37.8	61.60	0.77	36.7	<b>58.2</b>	10.2	3,649	2	<b>33,796</b>
Local Seed	LC1919 VT2P	VT2PB	119	25.0	32	0.0	33.2	<b>9.0</b>	37.2	61.80	0.79	35.7	<b>58.1</b>	9.4	3,723	1	<b>33,020</b>
Mid-Atlantic	MA5166	3111	116	<b>26.1</b>	33	0.0	31.6	<b>8.5</b>	35.3	61.50	0.76	38.1	57.3	10.1	3,557	9	32,603
Dyna-Gro	D55VC80	VT2P	115	<b>26.4</b>	33	0.0	34.4	8.0	38.8	61.30	0.78	36.6	57.9	10.3	3,625	4	32,196
Local Seed	LC1707 VT2P	VT2PB	117	<b>26.7</b>	34	0.0	37.2	8.1	38.5	58.00	0.78	37.1	54.4	10.8	3,508	21	32,041
Dyna-Gro	D57TC29	TRE	117	25.4	33	0.0	32.3	8.4	36.2	59.90	0.76	38.1	55.8	11.4	3,558	8	31,760
Hubner	H6755RCSS	STX,B	114	25.6	33	0.0	33.7	7.8	38.0	63.00	0.77	37.2	54.8	10.4	3,559	7	31,320
Hubner	H13G513	VT2PDG,B	113	<b>26.0</b>	34	0.0	36.6	7.7	<b>41.3</b>	64.80	0.78	35.0	53.8	10.1	3,494	25	31,299
Seedway	SW6760 GENSS RIB	STX,B	112	25.6	34	0.0	35.3	8.2	38.4	63.70	0.77	36.9	54.5	10.2	3,528	17	31,141
Chemgro	7119D4Z	5122,B	111	<b>25.6</b>	32	0.0	37.0	7.4	40.8	65.70	0.78	35.6	54.2	10.4	3,478	28	31,069
Mid-Atlantic	MA8141	VT2PDG,B	114	24.8	33	0.0	33.6	7.9	37.8	63.20	0.77	37.0	54.5	10.1	3,539	14	30,913
Local Seed	LC1506 VT2PRIB	VT2PB	115	<b>26.4</b>	33	0.0	33.8	8.2	38.8	59.90	0.78	36.2	53.0	11.2	3,534	16	30,888
AgriGold	A645-80	3111	115	24.6	33	0.0	33.1	<b>8.6</b>	36.3	60.80	0.76	37.3	55.2	10.8	3,582	5	30,722
Chemgro	7309RSX	STX,B	113	24.8	34	0.0	34.8	8.2	37.8	63.10	0.78	37.1	55.7	9.9	3,541	12	30,679
Seed Consultants	SCS 1188AM	AM,B	118	25.4	33	0.0	36.0	8.1	39.7	61.30	0.78	35.5	54.7	10.2	3,508	22	30,650
Local Seed	LC1688 SSXRIB	STX,B	116	25.3	33	0.0	32.8	8.4	34.6	61.40	0.75	39.2	56.4	11.7	3,505	23	30,619
Local Seed	LC1407 VT2PRIB	VT2PB	114	25.3	33	0.0	33.8	8.0	36.6	63.60	0.76	37.9	55.8	10.3	3,550	10	30,614
Chemgro	7789RSX	STX,B	117	24.1	32	0.0	32.5	<b>8.6</b>	35.6	61.30	0.77	38.0	<b>58.2</b>	11.0	3,627	3	30,581
Augusta	A4463	VT2P	113	24.5	34	0.0	<b>38.3</b>	7.7	40.4	61.50	0.78	35.7	54.9	10.1	3,515	19	30,459
Mid-Atlantic	MA8158	STX,B	115	25.3	33	0.0	35.4	8.4	36.3	60.90	0.76	38.4	55.5	11.1	3,475	29	30,430
Mid-Atlantic	MA5161	5122,B	116	23.8	32	0.0	31.6	<b>8.5</b>	35.6	62.70	0.77	37.5	56.9	9.9	3,541	13	30,172
Seed Consultants	SCS 1158AM	AM,B	115	25.2	32	0.0	33.5	<b>8.6</b>	36.4	62.40	0.77	37.5	57.5	10.3	3,564	6	30,026
Augusta	A1165	VT2P	115	24.6	33	0.0	31.8	8.2	34.6	62.50	0.75	39.2	56.1	11.6	3,504	24	29,611
Augusta	A3363	VT2PDG	113	23.8	32	0.0	36.1	7.8	<b>41.6</b>	64.80	0.79	34.6	55.3	9.7	3,527	18	29,478
Hubner	H6390RCSS	STX,B	108	24.1	33	0.0	37.1	7.9	40.7	62.80	0.79	35.1	55.6	9.5	3,543	11	29,457
Augusta	A4463C	CONV	113	24.9	32	0.0	<b>39.1</b>	7.7	<b>41.1</b>	61.60	0.79	35.6	55.4	10.1	3,480	26	29,426
Augusta	A5664	5222	114	24.1	32	0.0	32.4	7.8	37.1	66.10	0.76	37.4	56.9	9.4	3,536	15	29,360
Seed Consultants	SCS 1141AM	AM,B	114	24.3	33	0.0	33.3	8.4	37.1	62.70	0.77	37.9	56.9	10.9	3,513	20	29,169
Channel	210-98STXRIB	STX,B	112	23.0	31	0.0	33.4	7.8	35.3	64.60	0.76	39.2	56.6	10.4	3,479	27	28,241
Brevant	B14U78SXE	STX,E	114	19.7	32	0.0	31.8	7.9	32.0	63.10	0.76	40.4	<b>64.6</b>	7.5	3,469	30	24,011
Average =				<b>24.5</b>	<b>1</b>	<b>32.2</b>	<b>34.4</b>	<b>8.1</b>	<b>37.2</b>	<b>62.5</b>	<b>0.77</b>	<b>37.5</b>	<b>56.0</b>	<b>10.5</b>	<b>3,506</b>		<b>30,036</b>
LSD(0.10) =				1.1	2.2		3.6	0.4	3.6	ns	ns	ns	2.1	1.2	ns		2,744

Yield, Average of (12) Replications; Silage Quality/Milk Production, Average of (4) Replications; <sup>2</sup> Milk/ton: calculated from Rock River data using Milk2006 Traditional 48 hour.

<sup>1</sup>Traditional Goering & Van Soest, Cornell University Method.

# CORN SILAGE PRODUCTS TESTED

Product/Brand	Technology	Maturity	RIB	Strt	Region(s) Tested
<b>AGRIGOLD   AgriGold (AgReliant Genetics, LLC)</b> www.agrigold.com 5381 Akin Rd, St. Francisville, IL 62460   (800) 262-7333					
					
A645-80 GC	3111	115	N	na	PACE, PASE
A647-35 GC	5222,B	117	Y	na	PASE
<b>AUGUSTA   Augusta Seed Corporation</b> www.augustaseed.com PO Box 899, Verona, VA 24482   (540) 886-6055					
					
A1059	3000GT	109	N	CM,C2	PACE
A1165	VT2P	115	N	CM,C2	PACE, PASE
A1457	5122,B	107	Y	AC,P5	PACE
A3363	VT2PDG	113	N	CM,C2	PASE
A4463	VT2P	113	N	CM,C2	PACE, PASE
A4463C	CONV	113	N	CM,C2	PACE, PASE
A5664	5222	114	N	CM,C2	PACE, PASE
A9967	3000GT	117	N*	CM,C2	PASE
<b>BREVANT   Brevant Seeds (Corteva Agriscience)</b> www.brevant.com 9330 Zionville Rd, Indianapolis, IN 46268   (800) 667-3852					
					
B06B78SXE GC	STX,E	106	N*	na	PACE
B06U78SXE GC	STX,E	106	N*	na	PACE
B14U78SXE GC	STX,E	114	N*	na	PASE
B15B75SX GC	STX	115	N*	na	PACE, PASE
<b>CHANNEL   Channel Brand (Bayer CropScience)</b> www.channel.com 800 N Lindbergh Blvd, St. Louis, MO 63167   (800) 768-6387					
					
209-15STX GC	STX,B	109	Y	na	PACE
210-98STXRIB GC	STX,B	112	Y	na	PACE, PASE
<b>CHEMGRO   Chemgro Seeds, Inc.</b> www.chemgro.com PO Box 218, East Petersburg, PA 17520   (800) 346-4769					
					
6929RSX	STX,B	109	Y	AC,P5	PACE
7119D4Z	5122,B	111	Y	CM,C2	PACE, PASE
7309RSX	STX,B	113	Y	AC,P2	PACE, PASE
7615RDP	VT2P,B	116	Y	CM,C2	PACE
7789RSX	STX,B	117	Y	AC,P5	PASE
7799D5Z	5222,B	117	Y	CM,C2	PASE
<b>DYNA-GRO   Dyna-Gro Seed (Nutrien Ag Solutions)</b> www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland, CO 80538   (970) 685-3300					
					
D53VC33	VT2P	113	N	AC,P5V	PACE
D55VC80	VT2P	115	N	AC,P5	PACE, PASE
D57TC29	TRE	117	N	AC,P5	PASE
<b>HUBNER   Hubner Seed (Bayer CropScience)</b> www.hubnerseed.com 10280 W State Rd 28, West Lebanon, IN 47991   (800) 328-4428					
					
H13G513	VT2PDG,B	113	Y	P500	PASE
H4890RC2P	VT2P,B	117	Y	P250	PASE
H6225RCSS GC	STX	102	Y	AC,P5V	PASE
H6257RCSS	STX,B	104	Y	AC,P5V	PACE
H6390RCSS	STX,B	108	Y	AC,P5V	PASE

Product/Brand	Technology	Maturity	RIB	Strt	Region(s) Tested
H6663RCSS	STX,B	113	Y	AC,P5V	PACE, PASE
H6755RCSS	STX,B	114	Y	AC,P5V	PACE, PASE
<b>LOCAL SEED   Local Seed Company, LLC</b> www.localseed.com 802 Rozelle St, Memphis, TN 38104   (901) 260-6000					
					
LC0607 TCRIB	TRE,B	106	Y	RP	PACE
LC0999 VT2PRIB	VT2P,B	109	Y	RP	PACE
LC1289 VT2PRIB	VT2P,B	112	Y	RP	PACE
LC1307 TCRIB	TRE,B	113	Y	RP	PACE
LC1407 VT2PRIB	VT2P,B	114	Y	RP	PACE, PASE
LC1506 VT2PRIB	VT2P,B	115	Y	RP	PACE, PASE
LC1688 SXXRIB	STX,B	116	Y	RP	PASE
LC1707 VT2P	VT2P,B	117	Y	RP	PASE
LC1919 VT2P	VT2P,B	119	Y	RP	PASE
<b>MID-ATLANTIC   Mid-Atlantic Seeds, Inc.</b> www.midatlanticseeds.com 204 St. Charles Way #163E, York, PA 17402   (800) 854-6251					
					
MA5083-5122-EZ	5122,B	108	Y	CM,C2	PACE
MA5103	5122,B	110	Y	CM,C2	PACE
MA5144	5122,B	114	Y	CM,C2	PACE, PASE
MA5161	5122,B	116	Y	CM,C2	PASE
MA5165HD	3000GT	116	N*	CM,C2	PACE, PASE
MA5166	3111	116	N	CM,C2	PASE
MA8128-VT2PRIB	VT2P,B	112	N*	AC,P2	PACE
MA8141	VT2PDG,B	114	N*	AC,P2	PACE, PASE
MA8158	STX,B	115	Y	AC,P2	PASE
<b>PIONEER   DuPont Pioneer (Corteva Agriscience)</b> www.pioneer.com PO Box 454, Johnston, IA 50131   (800) 247-6803					
					
P0339AM GC	AM,B	103	Y	na	PASE
<b>SEED CONSULTANTS   Seed Consultants, Inc. (Corteva Agriscience)</b> www.seedconsultants.com 648 Miami Trace Rd SW, Washington Court House, OH 43160   (800) 708-2676					
					
SCS 1071AM	AM,B	107	Y	AC,P5V	PACE
SCS 1092AM	AM,B	109	Y	AC,P5V	PACE
SCS 1112AM	AM,B	111	Y	AC,P5V	PACE
SCS 1122Q	QR,B	112	Y	AC,P5V	PACE
SCS 1141AM	AM,B	114	Y	AC,P5V	PACE, PASE
SCS 1158AM	AM,B	115	Y	AC,P5V	PASE
SCS 1170AM	AM,B	117	Y	AC,P5V	PASE
SCS 1188AM	AM,B	118	Y	AC,P5V	PASE
<b>SEEDWAY   Seedway, LLC</b> www.seedway.com 1734 Railroad Place, Hall, NY 14463   (800) 836-3710					
					
SW0763VT	VT2P,B	107	Y	AC,P5	PACE
SW1162VT	VT2P,B	111	Y	AC,P5	PACE
SW1579SS	STX,B	115	Y	AC,P5	PASE
SW1781SS	STX,B	117	Y	AC,P5	PASE
SW6540 GENVT2P RIB	VT2P,B	109	Y	AC,P5	PACE
SW6760 GENSS RIB	STX,B	112	Y	AC,P5	PACE, PASE

# SOYBEAN REGIONS: PASE, DMNO



## Site Description: PASE (See soybean results table on page 13)

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Duncannon	Glenn Ebersole	silty clay loam	conventional	corn	–	7-Jun	3-Dec	156.3	67.1	59.8	1
Martinsburg	Marcus Martin	silt loam	no-till	corn	–	2-Jun	6-Nov	149.0	76.6	55.6	7
Mount Joy	Curt & Mike Buckwalter	silty clay loam	no-till	corn	120	1-Jun	5-Nov	165.9	81.1	66.7	6
Northumberland	Scott Shoop	sandy loam	no-till	corn	–	5-Jun	24-Nov	172.0	60.5	56.5	7
									<b>PASE</b>	<b>58.8</b>	<b>8</b>

## Site Description: DMNO (See soybean results table on page 13)

Site	FIRST Farmers	Soil Texture	Tillage	Previous Crop	Total Nitrogen (lbs)	Date Planted	Date Harvested	Average		Yield History	
								Stand × 1,000	Yield	Bu/A	Years
Chestertown	Tom Mason	sandy loam	no-till	oat	–	10-Jun	11-Nov	156.7	47.8	49.3	4
Preston	Roger Schmick	sandy loam	no-till	corn/barley	–	19-Jun	17-Nov	156.4	59.9	59.6	11
Princess Anne	Kevin Anderson	sandy loam	conventional	corn	–	16-Jun	18-Nov	157.6	75.0	–	new site
Westminister	Doug Armacost	silty clay loam	no-till	corn	21	8-Jun	25-Nov	172.6	69.3	65.2	8
									<b>DMNO</b>	<b>59.1</b>	<b>8</b>

## SOYBEAN REGIONAL ANNUAL YIELD AVERAGES FOR 2017–2021

FIRST Region	Average Yield by Year (Bu/A)					Since Inception	
	2021	2020	2019	2018	2017	Bu/A	#Years
PASE	71.4	70.5	61.2	40.6	46.4	58.8	8
DMNO	63.1	65.6	53.9	55.0	50.1	59.1	8







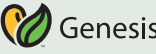
## Soybean Results: PASE (See site description on page 12)




ALL-SEASON TEST   MATURITY GROUP 2.8-3.8   Top 30 of 78 tested								Results in BOLD are significantly above test average.			
Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Duncannon	Martinsburg	Mount Joy	Northumberland
Stine	35EE32 §	E3	3.5	<b>80.9</b>	14.4	5	\$941	73.3	<b>84.3</b>	<b>92.5</b>	<b>73.5</b>
Mid-Atlantic	MAS3220E3	E3	3.2	<b>78.5</b>	14.4	11	\$912	71.4	79.7	<b>93.6</b>	<b>69.1</b>
Seedway	3393E3	E3	3.3	<b>78.3</b>	14.3	8	\$910	<b>78.2</b>	80.2	<b>92.5</b>	62.3
Apex	AE3520	E3	3.5	<b>78.1</b>	14.5	6	\$910	<b>84.3</b>	79.4	83.0	65.8
Genesis	G3560E	E3	3.5	<b>77.7</b>	14.3	7	\$904	<b>78.9</b>	<b>82.5</b>	88.8	60.6
Seed Consultants	SC 7381E	E3	3.8	<b>77.6</b>	13.8	10	\$903	67.3	<b>85.8</b>	<b>89.7</b>	<b>67.6</b>
Xitavo	XO 3861E	E3,ST	3.8	<b>76.9</b>	13.8	7	\$894	<b>76.8</b>	77.1	<b>97.1</b>	56.6
Zinesto	Z3101E	E3	3.1	<b>76.8</b>	14.2	7	\$893	71.3	81.5	<b>91.0</b>	63.5
Zinesto	Z3602E	E3	3.6	<b>76.8</b>	14.4	6	\$893	65.5	<b>88.2</b>	86.3	<b>67.4</b>
Xitavo	XO 3651E	E3	3.6	<b>76.1</b>	14.2	10	\$885	72.5	81.3	<b>91.5</b>	59.3
Local Seed	IS3715E3	E3	3.7	<b>75.8</b>	14.1	7	\$881	67.3	<b>83.9</b>	86.5	65.3
Chemgro	C3354E	E3	3.3	75.6	14.3	9	\$879	<b>77.5</b>	77.4	87.5	59.9
Mid-Atlantic	MAS3884GT/LL/STS	LLGT27	3.8	75.4	14.5	18	\$876	70.5	81.2	83.7	66.0
Asgrow	AG35XF1 §	RXF	3.5	75.2	13.9	11	\$875	72.2	<b>85.5</b>	81.7	61.3
NK Brand	NK37-Z9XF §	RXF	3.7	75.0	14.1	5	\$872	69.7	<b>83.1</b>	81.3	65.7
Seed Consultants	SC 7302E	E3	3.0	74.8	13.5	12	\$872	<b>76.4</b>	<b>83.6</b>	82.4	57.0
Xitavo	XO 3131E	E3	3.1	74.8	14.4	14	\$869	66.6	79.3	86.3	<b>66.9</b>
Xitavo	XO 3341E	E3	3.3	74.6	14.3	10	\$866	69.7	78.0	<b>91.4</b>	59.2
Seedway	3433GTLL	LLGT27	3.4	74.5	14.4	6	\$866	74.2	78.6	84.2	60.7
Asgrow	AG38XF1 §	RXF	3.8	74.2	14.0	9	\$863	70.4	79.0	83.4	63.9
Hefty	H35XF1	RXF	3.5	74.2	13.9	8	\$862	67.4	78.8	87.0	63.4
Apex	AE3220	E3	3.2	73.9	14.6	15	\$859	70.0	77.8	87.9	60.1
NK Brand	NK37-V4E3S §	E3,ST	3.7	73.9	14.1	13	\$857	68.2	81.6	<b>93.2</b>	52.5
Chemgro	C3755XF	RXF	3.7	73.7	13.8	3	\$859	69.0	80.8	77.4	<b>67.6</b>
Chemgro	C3655E	E3	3.6	73.7	14.6	11	\$855	66.8	<b>82.6</b>	85.8	59.5
Credenz	CZ 3309GTLL	LLGT27	3.3	73.3	14.2	9	\$853	<b>75.9</b>	76.7	84.1	56.7
Seed Consultants	SC 7372E	E3	3.7	73.3	13.8	2	\$854	<b>76.3</b>	77.4	80.9	58.7
Local Seed	LS3717XF	RXF	3.7	73.1	13.8	4	\$851	74.1	81.4	78.6	58.3
Credenz	CZ 2760GTLL	LLGT27	2.7	73.1	14.2	6	\$852	<b>75.9</b>	71.7	81.6	63.1
Local Seed	IS3371E3	E3	3.3	73.0	14.3	9	\$850	72.1	79.6	79.8	60.7
Averages =				<b>71.3</b>	<b>14.3</b>	<b>11</b>	<b>\$829</b>	<b>67.1</b>	<b>76.6</b>	<b>81.1</b>	<b>60.5</b>
LSD (0.10) =				4.3	0.3	5.9		7.4	5.2	8.5	5.9

## Soybean Results: DMNO (See site description on page 12)

ALL-SEASON TEST   MATURITY GROUP 3.7-4.7   Top 30 of 60 tested								Results in BOLD are significantly above test average.			
Company/ Brand	Product/ Brand	Technology	Maturity	Yield (Bu/A)	Moisture (%)	Lodging (%)	Gross Income (\$/A)	Chesterstown	Preston	Princess Anne	Westminster
Hubner	H47-30XF	RXF	4.7	<b>70.5</b>	10.9	8	\$840	<b>55.9</b>	<b>69.3</b>	<b>82.0</b>	74.7
Xitavo	XO 4522E	E3,ST	4.5	<b>68.7</b>	11.7	2	\$820	43.2	64.9	<b>85.7</b>	<b>80.9</b>
Stine	47EE02 §	E3	4.7	<b>68.3</b>	11.6	5	\$814	<b>56.4</b>	<b>67.0</b>	69.3	<b>80.7</b>
Local Seed	LS4606XFS	RXF	4.6	<b>67.9</b>	10.8	8	\$810	51.7	64.8	79.0	<b>76.2</b>
Local Seed	LS4795XS	RRX,ST	4.7	<b>67.8</b>	11.4	3	\$809	47.4	<b>67.2</b>	80.2	<b>76.6</b>
NK Brand	NK43-V8XF	RXF	4.3	<b>67.8</b>	11.6	5	\$808	<b>53.1</b>	<b>60.9</b>	<b>84.0</b>	73.3
Mid-Atlantic	MAS4120E3	E3	4.1	<b>67.8</b>	11.5	4	\$808	<b>53.8</b>	60.9	<b>81.6</b>	74.9
Mid-Atlantic	MAS4021E3	E3	4.0	<b>67.2</b>	11.6	5	\$799	<b>59.4</b>	64.3	75.1	69.9
Hubner	H48-31XF	RXF	4.8	<b>67.0</b>	11.6	2	\$799	50.5	65.1	75.7	<b>76.7</b>
Pioneer	P42A96X §	RRX	4.2	<b>67.0</b>	11.5	2	\$798	50.0	60.1	79.0	<b>78.8</b>
Mid-Atlantic	MAS3884GT/LL/STS	LLGT27	3.8	<b>66.8</b>	11.8	7	\$796	52.9	<b>66.7</b>	<b>81.1</b>	66.5
Xitavo	XO 4132E	E3	4.1	66.0	11.5	6	\$786	51.7	61.1	<b>80.6</b>	70.5
UniSouth Genetics	74B58 GC	RR,ST	4.5	65.9	11.7	1	\$784	<b>53.4</b>	63.8	73.0	73.3
Pioneer	P38A92X §	RRX	3.8	65.8	11.5	4	\$784	49.9	57.5	79.6	<b>76.1</b>
Local Seed	LS4517XFS	RXF	4.5	65.8	11.6	8	\$783	<b>53.3</b>	63.2	74.4	72.1
Seed Genetics Direct	AGI0743AE GC	E3	4.3	65.6	11.7	5	\$783	46.8	<b>68.0</b>	76.7	71.0
Xitavo	XO 4772E	E3	4.7	65.3	11.7	3	\$778	48.7	64.9	77.6	69.9
Southern Harvest	4622	E3	4.6	65.0	11.7	2	\$774	50.5	64.4	72.5	72.5
Asgrow	AG47XF0 §	RXF	4.7	64.8	11.1	2	\$773	43.8	<b>67.5</b>	77.8	70.0
Pioneer	P46T27E §	E3	4.6	64.6	11.8	6	\$769	51.4	<b>66.1</b>	71.8	69.0
Mid-Atlantic	MAS4675E3/STS	E3,ST	4.6	64.5	11.9	6	\$768	49.9	65.1	71.1	71.9
Loyal	L3940E	E3	3.9	64.5	11.9	3	\$769	46.7	56.6	<b>82.8</b>	71.9
Southern Harvest	4022	E3	4.0	64.5	11.5	8	\$768	52.4	59.2	78.9	67.4
Credenz	CZ 4701GTLL	LLGT27	4.7	63.9	11.6	2	\$763	43.0	63.3	77.9	71.5
MorSoy	MS 4640F	RXF,ST	4.6	63.6	10.9	6	\$758	48.9	63.7	75.2	66.5
Seed Consultants	SC 7421E	E3	4.2	63.5	11.7	8	\$756	<b>53.7</b>	60.7	70.1	69.7
NK Brand	NK37-V4E3S §	E3,ST	3.7	63.1	12.0	12	\$752	52.1	61.2	75.9	63.4
MorSoy	MS 4850F	RRX,ST	4.8	63.1	11.2	4	\$753	41.9	58.7	79.8	72.0
Stine	39EC22 §	E3	3.9	62.9	12.1	2	\$750	46.3	59.2	<b>81.5</b>	64.7
Asgrow	AG40XF1 §	RXF	4.0	62.9	11.4	5	\$750	44.9	60.7	77.8	68.1
Averages =				<b>63.0</b>	<b>11.7</b>	<b>5</b>	<b>\$750</b>	<b>47.8</b>	<b>59.9</b>	<b>75.0</b>	<b>69.3</b>
LSD (0.10) =				3.7	0.2	4		5.1	5.4	5.3	6.5

# SOYBEAN PRODUCTS TESTED

Product/Brand	Technology	Maturity	SCN	STrt	Region(s) Tested
<b>APEX   M.S. Technologies, L.L.C.</b>  <a href="http://www.mstechseed.com">www.mstechseed.com</a> 103 Avenue D, West Point, IA 52656   (800) 362-2510					
AE2920	E3	2.9	R	CMBV,SA	IANCb, IASCb, IASOa, ILNC, ILNO, INCE, INNO, NCSL, OHNW, PASE
AE3220	E3	3.2	R	CMBV,SA	IASCb, IASOb, ILNC, ILNO, INCE, INNO, OHNW, PASE
AE3420	E3	3.4	R	CMBV,SA	IASOb, ILNC, ILSC, INCE, INNO, OHNW, PASE
AE3520	E3	3.5	R	CMBV,SA	ILNC, ILSC, ILSO, INCE, PASE
AE3720S	E3,ST	3.6	R	CMBV,SA	ILNC, ILSC, ILSO, INCE, PASE
<b>ASGROW   Asgrow Brand (Bayer CropScience)</b>  <a href="http://www.asgrow.com">www.asgrow.com</a> 800 N Lindbergh Blvd, St. Louis, MO 63167   (314) 694-1000					
AG30XF2 §	RXF	3.0	R	ACi,IL	IASCb, IASOa, ILNO, INNO, NENE, OHNW, PASE
AG35XF1 §	RXF	3.5	R	ACi	IASOb, ILNC, ILSC, ILSO, INCE, KSNE, MOCE, MONOa, NESE, PASE
AG38XF1 §	RXF	3.8	R	ACi,IL	DMNO, ILNC, ILSC, ILSO, INCE, PASE
AG40XF1 §	RXF	4.0	R	ACi,IL	DMNO, ILSO, KSEC, KSNE, MOCE, MONOb, NESE
AG47XF0 §	RXF	4.7	R	na	DMNO
<b>CHEMGRO   Chemgro Seeds, Inc.</b>  <a href="http://www.chemgro.com">www.chemgro.com</a> PO Box 218, East Petersburg, PA 17520   (800) 346-4769					
C3054E	E3	3.0	R	En	PASE
C3255XF	RXF	3.2	R	Untreated	PASE
C3354E	E3	3.3	NA	En	PASE
C3655E	E3	3.6	R	Untreated	PASE
C3755XF	RXF	3.7	R	Untreated	DMNO, PASE
C3855E	E3	3.8	R	Untreated	DMNO
<b>CREDENZ   Credenz (BASF)</b>  <a href="http://agriculture.basf.us/crop-protection/products/seeds/credenz.html">agriculture.basf.us/crop-protection/products/seeds/credenz.html</a> 2 T.W. Alexander Drive, Research Triangle Park, NC 27709   (877) 365-4287					
CZ 2760GTLT	LLGT27	2.7	R	PV,IL,OB	IANCb, IANWb, IASCa, NENE, OHNW, PASE, SDSE
CZ 3099GTLT	LLGT27	3.1	R	PV,IL,OB	IASCb, IASOa, OHNW, PASE
CZ 3309GTLT	LLGT27	3.3	R	PV,IL,OB	IASOb, MONOa, OHNW, PASE
CZ 3930GTLT	LLGT27	3.9	R	PV,IL,OB	DMNO, MOCE, MONOb
CZ 4202XF	RXF	4.2	R	PV,IL,OB	DMNO
CZ 4241GTLT	LLGT27	4.2	NA	PV,IL,OB	DMNO, MOCE, MONOb
CZ 4562XF	RXF	4.5	R	PV,IL,OB	DMNO
CZ 4701GTLT	LLGT27	4.7	R	PV,IL,OB	DMNO
CZ 4742XF	RXF	4.7	R	PV,IL,OB	DMNO, KSEC
<b>GENESIS   M.S. Technologies, L.L.C.</b>  <a href="http://www.mstechseed.com">www.mstechseed.com</a> 103 Avenue D, West Point, IA 52656   (800) 362-2510					
G2960E	E3	2.9	R	CMBV,SA	IANCb, IASCb, IASOa, ILNC, ILNO, INCE, INNO, NCSL, OHNW, PASE
G3260E	E3	3.2	R	CMBV,SA	IASCb, IASOb, ILNC, ILNO, INCE, INNO, OHNW, PASE
G3460E	E3	3.4	R	CMBV,SA	IASOb, ILNC, ILSC, INCE, INNO, OHNW, PASE
G3560E	E3	3.5	R	CMBV,SA	ILNC, ILSC, ILSO, INCE, PASE
G3760ES	E3,ST	3.7	R	CMBV,SA	ILNC, ILSC, ILSO, INCE, PASE

Product/Brand	Technology	Maturity	SCN	STrt	Region(s) Tested
<b>HEFTY   Hefty Seed Company</b>  <a href="http://www.heftyseed.com">www.heftyseed.com</a> 47504 252nd St, Baltic, SD 57003   (866) 769-7200					
H28XF2	RXF	2.8	NA	HCS	IASCb, ILNC, ILNO, NCSL, PASE
H29XF1	RXF	2.9	NA	HCS	IANCb, ILNO, NENE, PASE
H30XF2	RXF	3.0	NA	HCS	IASCb, ILNC, ILNO, NENE, PASE
H31XF2	RXF	3.1	NA	HCS	IASCb, ILNC, ILNO, NENE, NESE, PASE
H32XF2	RXF	3.2	NA	HCS	ILNC, NENE, NESE, PASE
H33XF2	RXF	3.3	NA	HCS	ILNC, NENE, NESE, PASE
H35XF1	RXF	3.5	NA	HCS	ILNC, NESE, PASE
H36XF2	RXF	3.6	NA	HCS	ILNC, NESE, PASE
<b>HUBNER   Hubner Seed (Bayer CropScience)</b>  <a href="http://www.hubnerseed.com">www.hubnerseed.com</a> 10280 W State Rd 28, West Lebanon, IN 47991   (800) 328-4428					
H28-50XF	RXF	2.8	R	AC	PASE
H29-19R2X	RRX	2.9	R	AC	PASE
H30-42XF	RXF	3.0	R	AC	PASE
H34-71XF	RXF	3.4	R	AC	PASE
H35-31XF	RXF	3.5	R	AC	PASE
H39-31XF	RXF	3.9	R	AC	DMNO
H42-31XF	RXF	4.2	R	AC	DMNO
H47-30XF	RXF	4.7	R	AC	DMNO
H48-31XF	RXF	4.8	R	AC	DMNO
<b>LOCAL SEED   Local Seed Company, LLC</b>  <a href="http://www.localseed.com">www.localseed.com</a> 802 Rozelle St, Memphis, TN 38104   (901) 260-6000					
IS3371E3	E3	3.3	NA	RP	INCE, INNO, OHNW, PASE
IS3715E3	E3	3.7	NA	RP	DMNO, INCE, PASE
LS3019XF	RXF	3.0	NA	RP	INCE, INNO, OHNW, PASE
LS3717XF	RXF	3.7	NA	RP	DMNO, INCE, PASE
LS3908XFS	RXF	3.9	NA	RP	DMNO
LS4415XF	RXF	4.4	NA	RP	DMNO
LS4517XFS	RXF	4.5	NA	RP	DMNO
LS4606XFS	RXF	4.6	NA	RP	DMNO
LS4707XF	RXF	4.7	NA	RP	DMNO
LS4795XS	RRX,ST	4.7	R	RP	DMNO
<b>LOYAL   M.S. Technologies, L.L.C.</b>  <a href="http://www.mstechseed.com">www.mstechseed.com</a> 103 Avenue D, West Point, IA 52656   (800) 362-2510					
L3940E	E3	3.9	R	CMBV,SA	DMNO, ILSC, ILSO, MOCE
<b>MID-ATLANTIC   Mid-Atlantic Seeds, Inc.</b>  <a href="http://www.midatlanticseeds.com">www.midatlanticseeds.com</a> 204 St, Charles Way #163E, York, PA 17402   (800) 854-6251					
MAS2921E3	E3	2.9	NA	PS	PASE
MAS3021E3	E3	3.0	NA	PS	PASE
MAS3220E3	E3	3.2	NA	PS	PASE
MAS3521E3/STS	E3,ST	3.5	NA	PS	PASE
MAS3600E3/STS	E3,ST	3.6	PS		PASE
MAS3721E3/STS	E3,ST	3.7	NA	PS	DMNO, PASE
MAS3884GT/LL/STS	LLGT27	3.8	NA	PS	DMNO, PASE
MAS4021E3	E3	4.0	NA	PS	DMNO
MAS4077GT/STS	RR,ST	4.0	NA	PS	DMNO

# SOYBEAN PRODUCTS TESTED

Product/Brand	Technology	Maturity	SCN	Str	Region(s) Tested
MAS4120E3	E3	4.1	NA	PS	DMNO
MAS4320E3	E3	4.3	NA	PS	DMNO
MAS4399GT/STS	RR,ST	4.3	NA	PS	DMNO
MAS4675E3/STS	E3,ST	4.6	MR	PS	DMNO

**MORSOY | MorSoy (MFA, Inc.)**  
[seed.mfa-inc.com](http://seed.mfa-inc.com)  
 201 Ray Young Dr, Columbia, MO 65201 | (573) 874-5111



MS 4640F GC	RXF,ST	4.6	MR	AVC,C5,Vi	DMNO
MS 4850F GC	RRX,ST	4.8	MR	AVC,C5,Vi	DMNO

**NK BRAND | NK Brand (Syngenta)**  
[www.nkseeds.com](http://www.nkseeds.com)  
 2001 Butterfield Rd, Ste 1600, Downers Grove, IL 60515 | (800) 258-0521



NK28-T3XF	RXF	2.8	R	CMBV,SA	IASCb, NCSL, PASE
NK35-J6E3S §	E3,ST	3.5	MR	CMBV,SA	IASOb, INCE, NESE, PASE
NK37-V4E3S §	E3,ST	3.7	MR	CMBV,SA	DMNO, ILSC, ILSO, INCE, PASE
NK37-Z9XF §	RXF	3.7	R	CMBV,SA	PASE
NK39-A1XF §	RXF	3.9	R	CMBV,SA	DMNO, MOCE, MONOb
NK39-T5E3S §	E3,ST	3.9	R	CMBV,SA	DMNO
NK43-V8XF	RXF	4.3	MR	CMBV,SA	DMNO, ILSO, KSNE

**PIONEER | DuPont Pioneer (Corteva Agriscience)**  
[www.pioneer.com](http://www.pioneer.com)  
 PO Box 454, Johnston, IA 50131 | (800) 247-6803



P33A24X §	RRX	3.3	R	Untreated	PASE
P36A83X §	RRX	3.6	R	Untreated	PASE
P38A92X §	RRX	3.8	NA	Untreated	DMNO
P42A96X §	RRX	4.2	MR	Untreated	DMNO
P46T27E §	E3	4.6	NA	Untreated	DMNO

**SEED CONSULTANTS | Seed Consultants, Inc. (Corteva Agriscience)**  
[www.seedconsultants.com](http://www.seedconsultants.com)  
 648 Miami Trace Rd SW, Washington Court House, OH 43160 | (800) 708-2676



SC 7302E	E3	3.0	NA	Lum,IL	OHNW, PASE
SC 7311E	E3	3.1	NA	Lum,IL	OHNW, PASE
SC 7322E	E3	3.2	NA	Lum,IL	OHNW, PASE
SC 7341E	E3	3.4	NA	Lum,IL	OHNW, PASE
SC 7372E	E3	3.7	NA	Lum,IL	DMNO, PASE
SC 7381E	E3	3.8	NA	Lum,IL	DMNO, PASE
SC 7421E	E3	4.2	NA	Lum,IL	DMNO
SC 7461E	E3	4.6	NA	Lum,IL	DMNO

**SEED GENETICS DIRECT | Seed Genetics Direct LLC**  
[www.seedgeneticsdirect.com](http://www.seedgeneticsdirect.com)  
 9983 Jeffersonville-W Lancaster Rd, Jeffersonville, OH 43128 | (740) 505-6545



AGI0743AE GC	E3	4.3	NA	na	DMNO
--------------	----	-----	----	----	------

**SEEDWAY | Seedway, LLC**  
[www.seedway.com](http://www.seedway.com)  
 1734 Railroad Place, Hall, NY 14463 | (800) 836-3710



2832XT	RRX	2.8	R	AC	PASE
2920E3	E3	2.9	R	AC	PASE
3393E3	E3	3.3	MR	AC	PASE
3433GTLL	LLGT27	3.4	R	AC	PASE

**SOUTHERN HARVEST | Southern Harvest**  
 (Distributed Exclusively by Meherrin Ag & Chemical Severn NC)  
[www.southernharvestseeds.com](http://www.southernharvestseeds.com)  
 18441 Wesley Church Rd, Bridgeville, DE 19933 | (302) 337-3127



4022	E3	4.0	R	MAX	DMNO
------	----	-----	---	-----	------

Product/Brand	Technology	Maturity	SCN	Str	Region(s) Tested
4622	E3	4.6	S	MAX	DMNO
4820	E3,ST	4.7	S	MAX	DMNO

**STINE | Stine Seed Company**  
[www.stinseed.com](http://www.stinseed.com)  
 22555 Laredo Trail Adel, IA 50003 | (800) 362-2510



28EC32 §	E3	2.8	R	SFI	IANCb, IASCb, IASOa, INCE, INNO, NCSL, NENE, PASE
35EE32 §	E3	3.5	R	SFI	IASOb, ILNC, INCE, KSNE, MONOa, NESE, PASE
36EB32 §	E3	3.6	R	SFI	ILNC, ILSC, ILSO, INCE, KSNE, MOCE, MONOa, PASE
39EC22 §	E3	3.9	R	SFI	DMNO, ILSC, ILSO, KSEC, MOCE, MONOb, NESE
40EC20 §	E3	4.0	R	SFI	DMNO, ILSC, ILSO, KSEC, KSNE, MOCE, MONOb, NESE
47EE02 §	E3	4.7	R	SFI	DMNO, KSEC

**UNISOUTH GENETICS | UniSouth Genetics**  
[www.wimberlyfarmsinc.com](http://www.wimberlyfarmsinc.com)  
 10605 Old Princess Anne Rd, Princess Anne, MD 21853 |



7451ET GC	E3	4.5	S	Untreated	DMNO
74B58 GC	RR,ST	4.5	R	Untreated	DMNO

**XITAVO | Xitavo (M.S. Technologies, L.L.C.)**  
[www.xitavosoybeanseed.com](http://www.xitavosoybeanseed.com)  
 103 Avenue D, West Point, IA 52656 | (800) 362-2510



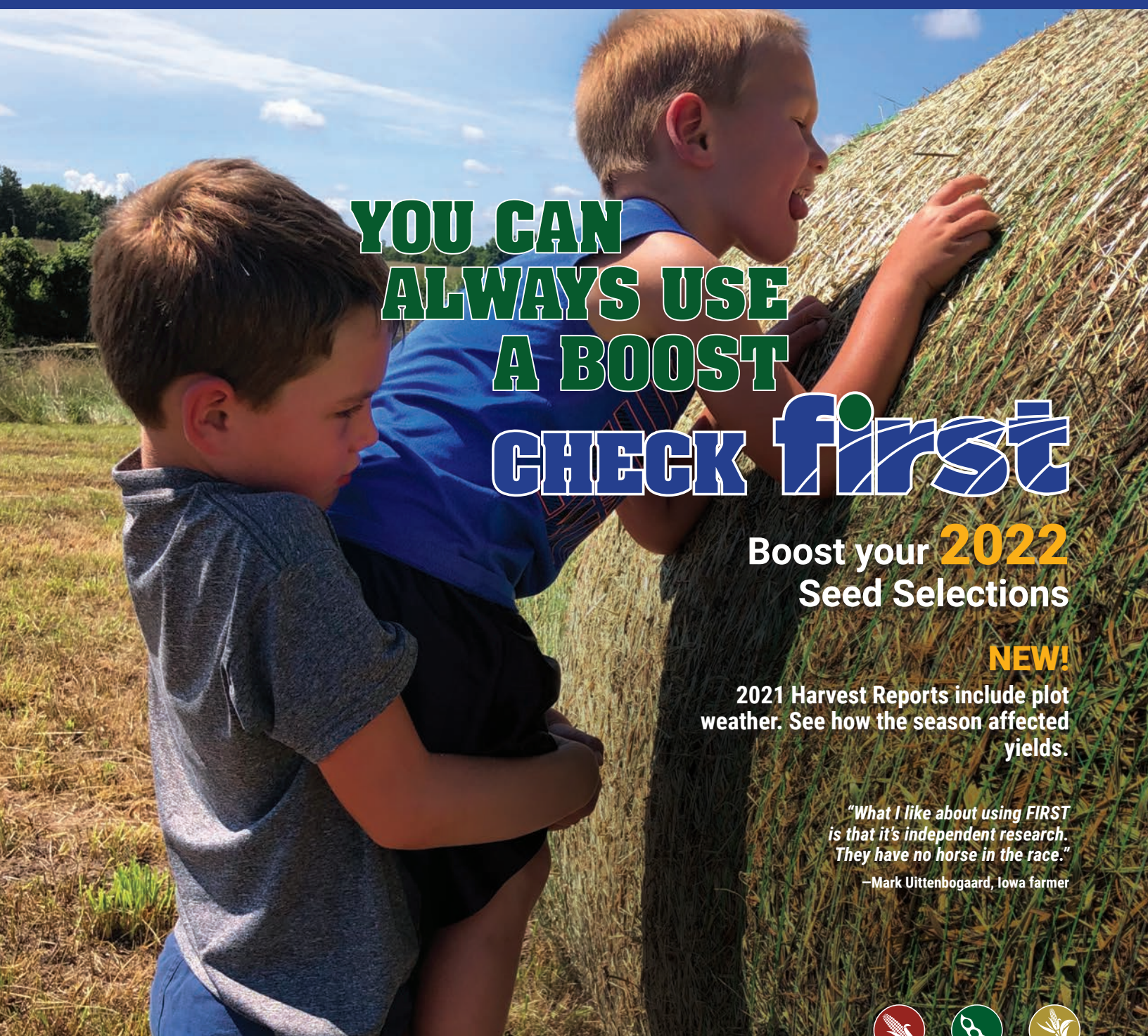
XO 2832E	E3	2.8	R	PV,IL,OB	IANCb, IANWb, IASCb, IASOa, INNO, NCSL, NENE, OHNW, PASE, SDSE
XO 2921E	E3	2.9	R	PV,IL,OB	IANCb, IASCb, IASOa, ILNC, ILNO, INNO, NENE, OHNW, PASE
XO 3131E	E3	3.1	R	PV,IL,OB	IASCb, IASOb, ILNC, ILNO, INNO, NENE, NESE, OHNW, PASE
XO 3341E	E3	3.3	R	PV,IL,OB	IASOb, INCE, MONOa, NENE, NESE, PASE
XO 3651E	E3	3.6	R	PV,IL,OB	IASOb, ILNC, ILSC, ILSO, INCE, KSNE, MOCE, MONOa, NESE, PASE
XO 3752E	E3,ST	3.7	R	PV,IL,OB	MOCE, MONOa, NESE, PASE
XO 3861E	E3,ST	3.8	R	PV,IL,OB	DMNO, ILSC, ILSO, INCE, KSNE, MOCE, MONOb, PASE
XO 3922E	E3	3.9	R	PV,IL,OB	DMNO, KSNE, MOCE, MONOb, NESE
XO 4132E	E3	4.1	R	PV,IL,OB	DMNO, KSNE, MOCE, MONOb
XO 4371E	E3	4.3	R	PV,IL,OB	DMNO, ILSC, ILSO, KSEC, KSNE, MOCE, MONOb
XO 4522E	E3,ST	4.5	R	PV,IL,OB	DMNO, KSEC, MOCE
XO 4772E	E3	4.7	R	PV,IL,OB	DMNO

**ZINESTO | M.S. Technologies L.L.C.**  
[www.zinestoseed.com](http://www.zinestoseed.com)  
 103 Avenue D, West Point, IA 52656 | (800) 352-2510



Z2900E	E3	2.9	R	DST4,SA	IANCb, ILNO, NCSL, NENE, PASE
Z2902E	E3	2.9	NA	PV,IL	IANCb, IASCb, ILNC, ILNO, NCSL, NENE, PASE
Z3001E	E3	3.0	R	DST4,SA	IASCb, ILNC, ILNO, NENE, PASE
Z3101E	E3	3.1	R	DST4,SA	IASCb, ILNC, ILNO, NENE, NESE, PASE
Z3202E	E3	3.2	NA	DST4,SA	IASCb, ILNC, ILNO, NENE, NESE, PASE
Z3402E	E3	3.4	NA	DST5	ILNC, NENE, NESE, PASE
Z3602E	E3	3.6	NA	DST4,SA	ILNC, NESE, PASE

EFG, LLC  
P.O. Box 1001  
Urbana, IL 61803



**YOU CAN  
ALWAYS USE  
A BOOST**

**CHECK first**

Boost your **2022**  
Seed Selections

**NEW!**

2021 Harvest Reports include plot weather. See how the season affected yields.

*"What I like about using FIRST is that it's independent research. They have no horse in the race."*

—Mark Uittenbogaard, Iowa farmer



**first**  
farmers' independent  
research of seed  
technologies

Independent and  
Unbiased Yield Results at  
[www.firstseedtests.com](http://www.firstseedtests.com)