

# 2021 Soybean Products and Region Information

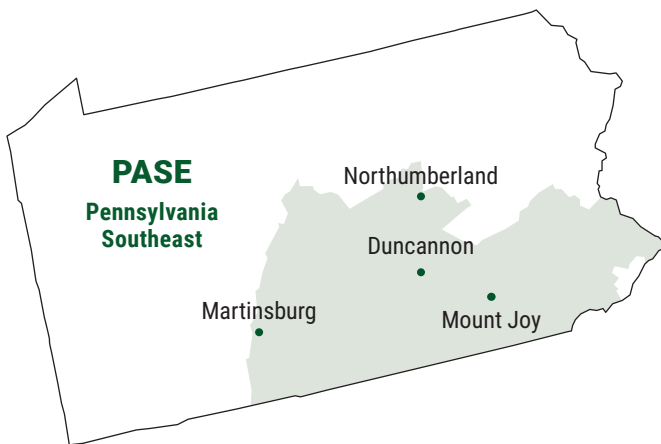
## Pennsylvania Southeast - PASE

### FIRST Field Manager

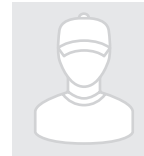


**Rob Kauffman**

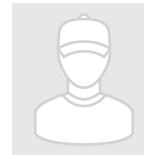
Mid Atlantic Independent Technology Service  
2978 Homestead Rd, Mount Joy, PA 17552  
(717) 413-0763  
rkmaits@aol.com



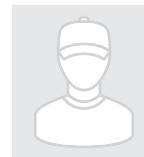
### Cooperating Farmers



**Glenn Ebersole**  
Duncannon, PA



**Marcus Martin**  
Martinsburg, PA




**Curt & Mike Buckwalter**  
Mount Joy, PA



**Scott Shoop**  
Northumberland, PA

Site	Farmer Members	Soil Texture	Tillage	Previous Crop	Date Planted
Duncannon, PA	Glenn Ebersole	silty clay loam	conventional w/o fall till	corn	Jun 7
Martinsburg, PA	Marcus Martin	silt loam	no-till	corn	Jun 2
Mount Joy, PA	Curt & Mike Buckwalter	silty clay loam	no-till	corn	Jun 1
Northumberland, PA	Scott Shoop	sandy loam	no-till	corn	Jun 5

## 2021 All-Season Soybeans Entries

Brand <sup>†</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested
<b>Apex   Apex [M.S. Technologies, L.L.C.]</b> <a href="http://www.mstechseed.com">http://www.mstechseed.com</a> 103 Avenue D, West Point IA 52656 (800) 362-2510			

Distributed by:

**Mustang Seeds** Madison, SD 57042, (605) 256-6529  
<https://www.mustangseeds.com/apex/>

**ProHarvest Seeds** Ashkum, IL, (815) 698-2204  
<http://www.proharvestseeds.com/>


**Rob See Co** 1015 N 205th, Elkhorn, NE 68022 (855) 450-1822  
<https://www.robseeco.com/>

**Thunder Seed** West Dilworth, MN 56529, (218) 422-9011  
<https://thunderseed.com/>

**Federal Hybrids, Inc.** Elgin, IA 52141, (563) 426-5888  
<https://www.federalhybrids.com/products/soybeans/apex/>

**Titan Pro SCI** Clear Lake, IA 50428, (641) 357-7283  
<https://www.titanprosci.com/>


AE2920	2.9 E3	R	CMBV,SA	IANCb ILNC INNO PASE	IASCb ILNO NCSL	IASOa INCE OHNW
AE3220	3.2 E3	R	CMBV,SA	IASCb ILNO OHNW	IASOb INCE PASE	ILNC INNO
AE3420	3.4 E3	R	CMBV,SA	IASOb INCE PASE	ILNC INNO	ILSC OHNW
AE3520	3.5 E3	R	CMBV,SA	ILNC INCE	ILSC PASE	ILSO
AE3720S	3.6 E3,ST	R	CMBV,SA	ILNC INCE	ILSC PASE	ILSO

Brand <sup>†</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested
<b>Asgrow   Asgrow Brand [Bayer CropScience]</b> <a href="http://www.asgrow.com">http://www.asgrow.com</a> 800 N. Lindbergh Blvd., St. Louis MO 63167 (314) 694-1000			


AG30XF2 §	3.0 RXF	R	ACi,IL	IASCb INNO PASE	IASOa NENE	ILNO OHNW
AG35XF1 §	3.5 RXF	R	ACi	IASOb ILSO MOCE PASE	ILNC INCE MONOa	ILSC KSNE NESE
AG38XF1 §	3.8 RXF	R	ACi,IL	DMNO ILSO	ILNC INCE	ILSC PASE

Brand <sup>†</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested
<b>Chemgro   Chemgro Seeds, Inc.</b> <a href="http://www.chemgro.com">http://www.chemgro.com</a> PO Box 218, E. Petersburg PA 17520 (800) 346-4769			

C3054E	3.0 E3	R	En	PASE
C3255XF	3.2 RXF	R	Untreated	PASE
<b>C3354E</b>	3.3 E3	NA	En	<b>PASE</b>
C3655E	3.6 E3	R	Untreated	PASE
C3755XF	3.7 RXF	R	Untreated	DMNO PASE

Brand <sup>†</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested
<b>Credenz   Credenz [BASF]</b> <a href="https://agriculture.basf.us/crop-protection/products/credenz.html">https://agriculture.basf.us/crop-protection/products/credenz.html</a> 2 T.W. Alexander Drive, Research Tri. Park NC 27709 (877) 365-4287			

<b>CZ 2760GTLL</b>	2.7 LLGT27	R	PV,IL,OB	<b>IANCb</b> <b>NENE</b> <b>SDSE</b>	<b>IANWb</b> OHNW	<b>IASCa</b> <b>PASE</b>
<b>CZ 3099GTLL</b>	3.0 LLGT27	R	PV,IL,OB	<b>IASCb</b> <b>PASE</b>	<b>IASOa</b>	OHNW
<b>CZ 3309GTLL</b>	3.3 LLGT27	R	PV,IL,OB	<b>IASOb</b> <b>PASE</b>	<b>MONOa</b>	OHNW

Brand <sup>†</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested
<b>Genesis   Genesis Seeds [M.S. Technologies, L.L.C.]</b> <a href="http://www.mstechseed.com">http://www.mstechseed.com</a> 103 Avenue D, West Point IA 52656 (800) 362-2510			

Distributed by:

**Ebberts Field Seeds, Inc.** Covington, OH 45318 (937) 473-2521  
<https://www.ebbertsseeds.com/genesisandenlist/>

**Latham Hi-Tech Seeds** Alexander, IA 50420, (641) 692-3258  
<https://www.lathamseeds.com/>

**Proseed, Inc.** Harvey, ND 58341 (800) 776-3121  
<http://www.proseed.net/>

**Renk Seed Company** Sun Prairie, WI 53590 (608) 837-7351  
<http://renkseed.com/>

**Taylor Seed Farms, Inc.** White Cloud, KS 66094 (800) 742-7473  
<https://taylorseedfarms.com/>

G2960E	2.9 E3	R	CMBV,SA	IANCb ILNC INNO PASE	IASCb ILNO NCSL	IASOa INCE OHNW
G3260E	3.2 E3	R	CMBV,SA	IASCb ILNO OHNW	IASOb INCE PASE	ILNC INNO

Brand <sup>†</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested			
G3460E	3.4 E3 R	CMBV,SA	IASOb INCE PASE	ILNC INNO	ILSC OHNW	
G3560E	3.5 E3 R	CMBV,SA	ILNC INCE	ILSC PASE	ILSO	
G3760ES	3.7 E3,ST R	CMBV,SA	ILNC INCE	ILSC PASE	ILSO	

**Hefty | Hefty Seed Company**

http://www.heftyseed.com  
47504 252nd St., Baltic SD 57003  
(866) 769-7200



H28XF2	2.8 RXF NA	HCS	IASCb NCSL	ILNC PASE	ILNO	
H29XF1	2.9 RXF NA	HCS	IANCb PASE	ILNO	NENE	
H30XF2	3.0 RXF NA	HCS	IASCb NENE	ILNC PASE	ILNO	
H31XF2	3.1 RXF NA	HCS	IASCb NENE	ILNC NESE	ILNO PASE	
H32XF2	3.2 RXF NA	HCS	ILNC PASE	NENE	NESE	
H33XF2	3.3 RXF NA	HCS	ILNC PASE	NENE	NESE	
H35XF1	3.5 RXF NA	HCS	ILNC	NESE	PASE	
H36XF2	3.6 RXF NA	HCS	ILNC	NESE	PASE	

**Hubner | Hubner Seed [Bayer CropScience]**

http://www.hubnerseed.com  
10280 W. State Rd. 28, West Lebanon IN 47991  
(800) 328-4428



H28-50XF	2.8 RXF R	AC	PASE			
<b>H29-19R2X</b>	2.9 RRX R	AC	<b>PASE</b>			
H30-42XF	3.0 RXF R	AC	PASE			
H34-71XF	3.4 RXF R	AC	PASE			
H35-31XF	3.5 RXF R	AC	PASE			

**Local Seed | Local Seed Company, LLC**

http://www.localseed.com  
802 Rozelle St., Memphis TN 38104  
(901) 260-6000



IS3371E3	3.3 E3 NA	RP	INCE PASE	INNO	OHNW	
IS3715E3	3.7 E3 NA	RP	DMNO	INCE	PASE	

Brand <sup>†</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested		
LS3019XF	3.0 RXF NA	RP	INCE PASE	INNO	OHNW
LS3717XF	3.7 RXF NA	RP	DMNO	INCE	PASE

**Mid-Atlantic | Mid-Atlantic Seeds, Inc.**

http://www.midatlanticseeds.com  
204 St. Charles Way #163E, York PA 17402  
(800) 854-6251



MAS2921E3	2.9 E3 NA	PS	PASE			
MAS3021E3	3.0 E3 NA	PS	PASE			
<b>MAS3220E3</b>	3.2 E3 NA	PS	<b>PASE</b>			
MAS3521E3/STS	3.5 E3,ST NA	PS	PASE			
<b>MAS3600E3/STS</b>	3.6 E3,ST	PS	<b>PASE</b>			
MAS3721E3/STS	3.7 E3,ST NA	PS	DMNO	PASE		
MAS3884GT/LL/STS	3.8 LLGT27 NA	PS	DMNO	PASE		

**NK Brand | NK Brand [Syngenta]**

http://www.nkseeds.com  
2001 Butterfield Road, Downers Grove IL 60515  
(800) 258-0521



NK28-T3XF	2.8 RXF R	CMBV,SA	IASCb NCSL	PASE		
NK35-J6E3S §	3.5 E3,ST MR	CMBV,SA	IASOb PASE	INCE	NESE	
NK37-V4E3S §	3.7 E3,ST MR	CMBV,SA	DMNO INCE	ILSC PASE	ILSO	
NK37-Z9XF §	3.7 RXF R	CMBV,SA	PASE			

**Pioneer | DuPont Pioneer [Corteva Agriscience]**

http://www.pioneer.com  
PO Box 454, Johnston IA 50131  
(800) 247-6803




<b>P33A24X §</b>	3.3 RRX R	Untreated	PASE			
<b>P36A83X §</b>	3.6 RRX R	Untreated	PASE			


**Seed Consultants | Seed Consultants, Inc.**


[Corteva Agriscience]  
http://www.seedconsultants.com  
648 Miami Trace Rd. S.W., Washington Court House  
OH 43160  
(800) 708-2676



SC 7302E	3.0 E3 NA	Lum,IL	OHNW	PASE		
<b>SC 7311E</b>	3.1 E3 NA	Lum,IL	OHNW	<b>PASE</b>		
SC 7322E	3.2 E3 NA	Lum,IL	OHNW	PASE		
<b>SC 7341E</b>	3.4 E3 NA	Lum,IL	OHNW	<b>PASE</b>		
SC 7372E	3.7 E3 NA	Lum,IL	DMNO	PASE		
<b>SC 7381E</b>	3.8 E3 NA	Lum,IL	<b>DMNO</b>	<b>PASE</b>		

Brand <sup>‡</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested		
<b>Seedway   Seedway, LLC</b> https://www.seedway.com/ 1734 Railroad Place, Hall NY 14463 (585) 526-6391 275 N 8th St., Mifflinburg, PA 17844 (570) 966-3841					
					
2832XT	2.8 RRX	R	AC	<b>PASE</b>	
2920E3	2.9 E3	R	AC	PASE	
3393E3	3.3 E3	MR	AC	<b>PASE</b>	
3433GTLL	3.4 LLGT27	R	AC	PASE	

Brand <sup>‡</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested			
<b>Stine   Stine Seed Company</b> http://www.stinseed.com 22555 Laredo Trail, Adel IA 50003 (800) 362-2510						
						
28EC32 §	2.8 E3	R	SFI	IANCb <b>INCE</b> <b>NENE</b>	IASCb INNO PASE	IASOa NCSL
35EE32 §	3.5 E3	R	SFI	IASOb KSNE PASE	ILNC MONOa	INCE NESE
36EB32 §	3.6 E3	R	SFI	<b>ILNC</b> <b>INCE</b> <b>MONOa</b>	<b>ILSC</b> <b>KSNE</b> <b>PASE</b>	<b>ILSO</b> <b>MOCE</b>

Brand <sup>‡</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested			
<b>Xitavo   Xitavo [M.S. Technologies, L.L.C.]</b> https://www.xitavosoybeanseed.com/ 103 Avenue D, West Point IA 52656 (800) 362-2510						
						
Distributed by: BASF Corporation Research Triangle, NC 27709						
XO 2832E	2.8 E3	R	PV,IL,OB	IANCb IASOa NENE SDSE	IANWb INNO OHNW	IASCb NCSL PASE
XO 2921E	2.9 E3	R	PV,IL,OB	IANCb ILNC NENE	IASCb ILNO OHNW	IASOa INNO PASE
XO 3131E	3.1 E3	R	PV,IL,OB	IASCb ILNO NESE	IASOb INNO OHNW	ILNC NENE PASE

Brand <sup>‡</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested			
XO 3341E	3.3 E3	R	PV,IL,OB	IASOb NENE	INCE NESE	MONOa PASE
XO 3651E	3.6 E3	R	PV,IL,OB	IASOb ILSO MOCE PASE	ILNC INCE MONOa	ILSC KSNE NESE
XO 3752E	3.7 E3,ST	R	PV,IL,OB	MOCE PASE	MONOa	NESE
XO 3861E	3.8 E3,ST	R	PV,IL,OB	DMNO INCE MONOb	ILSC KSNE PASE	ILSO MOCE

Brand <sup>‡</sup>	Mat. Tech. <sup>†</sup> SCN	STrt <sup>†</sup>	Region(s) Tested			
<b>Zinesto   Zinesto [M.S. Technologies, L.L.C.]</b> https://www.zinestoseed.com/ 103 Avenue D, West Point IA 52656 (800) 362-2510						
						
Distributed by: Hefty Seed Company Baltic, SD 57003, (605) 563-2158						
Z2900E	2.9 E3	R	DST4,SA	<b>IANCb</b> <b>NENE</b>	ILNO PASE	NCSL
Z2902E	2.9 E3	NA	PV,IL	IANCb ILNO PASE	IASCb NCSL	ILNC NENE
Z3001E	3.0 E3	R	DST4,SA	IASCb <b>NENE</b>	<b>ILNC</b> PASE	ILNO
Z3101E	3.1 E3	R	DST4,SA	IASCb <b>NENE</b>	<b>ILNC</b> <b>NESE</b>	<b>ILNO</b> PASE
Z3202E	3.2 E3	NA	DST4,SA	IASCb NENE	ILNC NESE	ILNO PASE
Z3402E	3.4 E3	NA	DST5	ILNC PASE	NENE	NESE
Z3602E	3.6 E3	NA	DST4,SA	ILNC	NESE	PASE

Harvest reports will identify company as shown in bold.

‡ Suffix GC = grower comparison, CK = check,

§ - United Soybean Board (USB) sponsored entry

† See last page for abbreviation descriptions

Products and Regions in **BOLD** identify varieties tested in both 2021 & 2020

Regions in **Red** identify products that placed in the regional Top 30 in 2020

### Soybean Seed Technology Key

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

### Soybean Cyst Nematode (SCN) Resistance Rating

CODE	SOYBEAN CYST NEMATODE DESCRIPTION
NA	Not available
S	susceptible
MR	moderate resistance
R	resistant

### Soybean Seed Treatment Key

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