

Test by: M.A.I.T.S. Mount Joy, PA

## 2023 Soybeans Top 30 Harvest Report

Pennsylvania Southeast [PASE] MARTINSBURG, PA  
 Marcus Martin, Blair County, PA 16662

<b>All-Season Test</b>	Maturity Group <b>2.8 - 3.8</b> S2023PASE05
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (2) Replications
<b>PREV. CROP/HERB:</b>	Corn, 2+ Yr / Lexar, Capreno, Atrazine
<b>SOIL DESCRIPTION:</b>	Hublersburg Cherty silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 6.3 pH, 3.4% OM, 8.9 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Assure
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 15 168.5 /A 15" spacing
<b>HARVESTED - STAND:</b>	Nov 6 131.9 /A

### TEST COMMENTS:

*Dry soil moisture at planting gave less than perfectly uniform stands. Rains did come and helped some late emergence. The two worst pests for soybeans occurred in this plot: groundhog damage and white mold. The first replicate was lost because the groundhog damage and white mold were bad and took yield from varieties with less resistance. Grain quality was poor with some moldy beans but the overall size of the beans was good. The overall rating of the plot is a 6 out of 10. (10=best)*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	37EG23 § ↗	E3	3.7	R	<b>76.4</b>	12.8	1	140.0	992	1
Golden Harvest	GH3724XFS ↗	RXF,ST	3.7	MR	<b>73.6</b>	12.3	13	70.0	956	2
Asgrow	AG33XF3 § ↗	RXF	3.3	R	<b>73.6</b>	12.7	4	140.0	955	3
Xitavo	XO 3483E ↗	E3	3.4	MR	<b>73.4</b>	12.6	7	140.0	953	4
Chemgro	C3657E ↗	E3	3.6	R	<b>73.3</b>	12.6	4	140.0	952	5
Hubner	H35-31XF ↗	RXF	3.5	R	<b>71.9</b>	12.4	7	136.0	934	6
Revere	INNOTECH 3188E3S ↗	E3,ST	3.1	MR	<b>71.9</b>	12.3	5	70.0	933	7
Zinesto	Z3203E ↗	E3	3.2	R	<b>71.4</b>	12.6	3	140.0	927	8
Asgrow	AG30XF4 § ↗	RXF	3.0	R	<b>71.4</b>	12.9	5	140.0	926	9
Revere	INNOTECH 2818E3 ↗	E3	2.8	MR	<b>71.3</b>	12.8	7	70.0	926	10
Zinesto	Z2902E ↗	E3	2.9	NA	<b>71.2</b>	12.8	4	132.0	925	11
Chemgro	C3054E ↗	E3	3.0	R	<b>70.7</b>	12.8	9	140.0	918	12
Seedway	SG 3723E3 ↗	E3	3.7	R	<b>70.1</b>	12.3	4	140.0	911	13
Zinesto	Z3104E ↗	E3	3.1	R	<b>70.1</b>	12.6	4	140.0	909	14
Seedway	SG 3323E3 ↗	E3	3.3	R	<b>70.0</b>	12.9	10	140.0	909	15
Mid-Atlantic	MAS3022E3/STS ↗	E3,ST	3.1	NA	<b>69.5</b>	12.3	1	140.0	903	16
Stine	38EG32 § ↗	E3	3.8	R	<b>69.0</b>	12.3	9	140.0	896	17
Seedway	SG 3327XTF ↗	RXF	3.3	R	<b>68.9</b>	12.8	4	136.0	895	18
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	<b>68.8</b>	12.3	4	70.0	894	19
Asgrow	AG38XF3 § ↗	RXF	3.8	R	<b>68.6</b>	12.9	3	136.0	890	20
Mid-Atlantic	MAS3220E3 ↗	E3	3.2	NA	<b>68.3</b>	12.8	4	140.0	887	21
Xitavo	XO 3224E ↗	E3	3.2	R	<b>68.0</b>	12.7	7	140.0	883	22
Xitavo	XO 2832E ↗	E3	2.8	R	<b>67.9</b>	12.4	4	136.0	881	23
Revere	INNOTECH 3750E3S ↗	E3,ST	3.7	R	<b>66.7</b>	12.2	10	140.0	866	24
Zinesto	Z3501E ↗	E3	3.5	R	<b>65.3</b>	12.9	9	140.0	848	25
Pioneer	P38A28E § ↗	E3	3.8	MR	<b>65.2</b>	12.4	25	140.0	847	26
Zinesto	Z3001E ↗	E3	3.0	R	<b>65.2</b>	12.6	4	140.0	847	27
Hubner	H33-52XF ↗	RXF	3.3	R	<b>65.1</b>	12.4	1	128.0	844	28
Hubner	H38-43XF ↗	RXF	3.8	R	<b>65.0</b>	12.8	7	136.0	844	29
Seed Consultants	SC 7322E ↗	E3	3.2	NA	<b>64.6</b>	12.8	9	140.0	839	30

*Robin Kauffman*

Rob Kauffman

rkmait@aol.com, (717) 413-0763

Averages = **63.8** **12.6** **7** **131.9** **828**

LSD (0.10) = 7.3 ns 5

LSD (0.25) = 3.8 ns 3

C.V. = 8.8 Historic yield: 61.71 bu/a, 9 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$12.99

Report Date: 11/15/2023

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

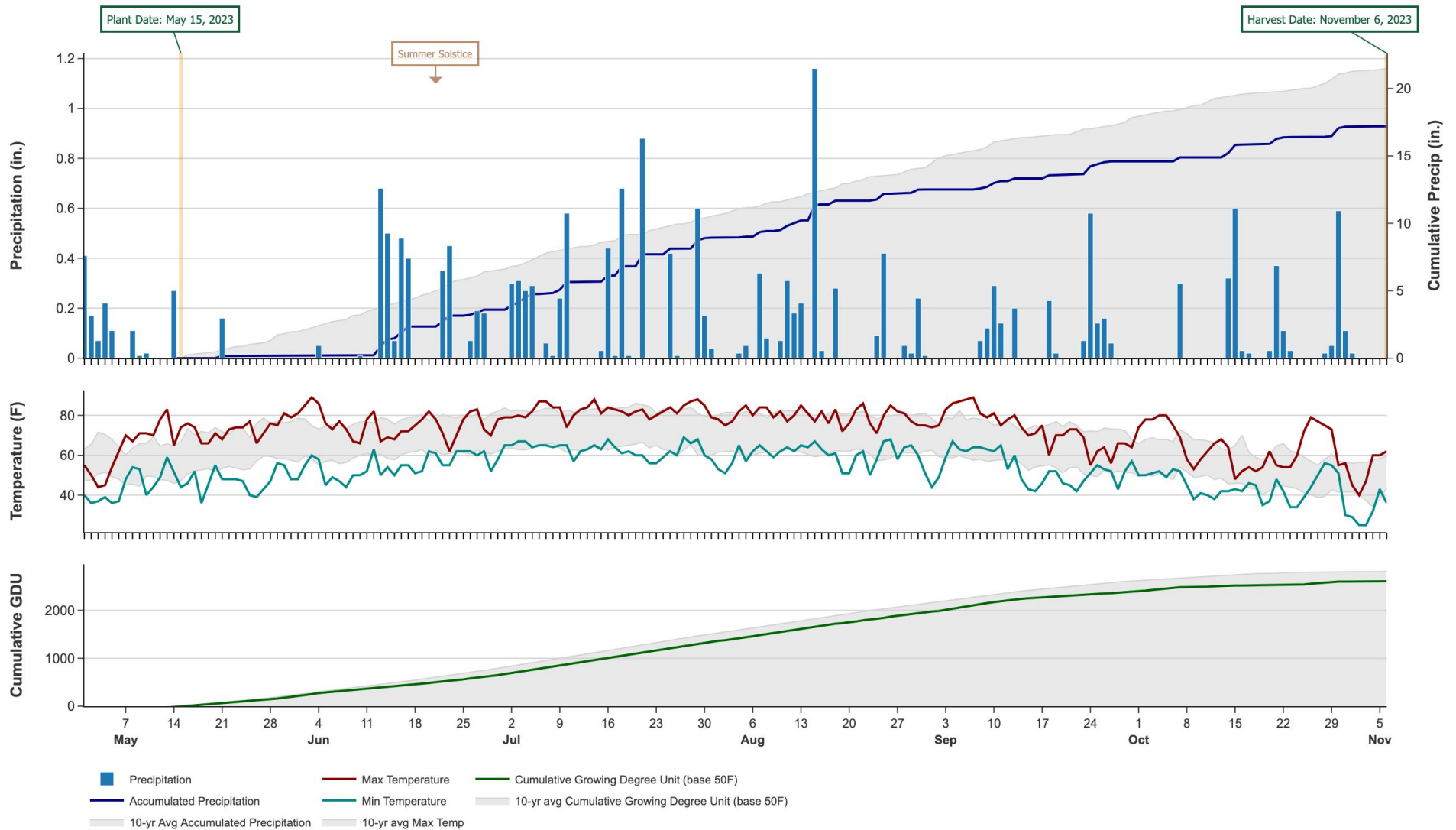
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2023 Soybeans - Pennsylvania Southeast [ PASE ]

## Weather Conditions Summary at MARTINSBURG, PA

Weather Data Retrieved: 11/15/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   (Diff)	1.6   4.2 (-2.7)	3.4   4.5 (-1.1)	5.3   4.0 (+1.3)	3.6   3.6 (-0.0)	2.1   3.7 (-1.6)	2.6   3.3 (-0.7)	0.0   0.3 (-0.3)	18.6   23.7 (-5.2)
GDU   Avg (Diff)	300   350 (-50)	457   562 (-105)	699   714 (-15)	614   648 (-34)	422   456 (-34)	216   195 (+20)	5   4 (0)	2713   2932 (-219)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2023 Soybeans - Pennsylvania Southeast [ PASE ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Chemgro	C3054E	E3	R	3.0	CGT
Chemgro	C3357E	E3	R	3.3	Untreated
Chemgro	C3657E	E3	R	3.6	Untreated
Golden Harvest	GH3373E3S §	E3,ST	R	3.3	CMB-APX,SA
Golden Harvest	GH3442XF §	RXF	MR	3.4	CMB-APX,SA
Golden Harvest	GH3724XFS	RXF,ST	MR	3.7	CMB-APX,SA
Golden Harvest	GH3774E3 §	E3	R	3.7	CMB-APX,SA
Hubner	H33-52XF	RXF	R	3.3	ACi
Hubner	H35-31XF	RXF	R	3.5	ACi
Hubner	H38-43XF	RXF	R	3.8	ACi
Jacobsen	J3817GT GC	GT	R	3.8	Untreated
Jacobsen	J3817GT-TR GC	GT	NA	3.8	Treated
Mid-Atlantic	MAS3022E3/STS	E3,ST	NA	3.1	PS
Mid-Atlantic	MAS3220E3	E3	NA	3.2	PS
Mid-Atlantic	MAS3600E3/STS	E3,ST	NA	3.6	PS
Mid-Atlantic	MAS3822E3/STS	E3,ST	NA	3.8	PS
Mid-Atlantic	MAS3884GT/LL	LLGT27	NA	3.8	PS
Pioneer	P34A65PR §	P	NA	3.4	NA
Pioneer	P37A18E §	E3	MR	3.7	Lum, LumT, IL
Pioneer	P38A28E §	E3	MR	3.8	Lum
Revere	3435XF	RXF	MR	3.4	RP
Revere	INNOTECH 2818E3	E3	MR	2.8	RP
Revere	INNOTECH 3188E3S	E3,ST	MR	3.1	RP
Revere	INNOTECH 3309E3S	E3,ST	MR	3.3	RP
Revere	INNOTECH 3750E3S	E3,ST	R	3.7	RP
Seed Consultants	SC 7322E	E3	NA	3.2	Lum,Lu,IL
Seed Consultants	SC 7341E	E3	NA	3.4	Lum,Lu,IL
Seed Consultants	SC 7364E	E3	MR	3.6	Lum,Lu,IL
Seed Consultants	SC 7372E	E3	NA	3.7	Lum,Lu,IL
Seedway	SG 3323E3	E3	R	3.3	Obtayn
Seedway	SG 3327XTF	RXF	R	3.3	Obtayn
Seedway	SG 3522E3	E3	MR	3.5	Obtayn
Seedway	SG 3723E3	E3	R	3.7	Obtayn
Stine	36FD92 §	RXF	R	3.6	ACi
Stine	37EG23 §	E3	R	3.7	ACi
Stine	38EG32 §	E3	R	3.8	ACi
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	R	3.0	PV,IL,OB,Rey
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 3224E	E3	R	3.2	PV,IL,OB,Rey
Xitavo	XO 3483E	E3	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB,Rey
Zinesto	Z2902E	E3	NA	2.9	DST5
Zinesto	Z3001E	E3	R	3.0	DST5
Zinesto	Z3104E	E3	R	3.1	DST5
Zinesto	Z3203E	E3	R	3.2	DST5
Zinesto	Z3303E	E3	R	3.3	DST5
Zinesto	Z3501E	E3	R	3.5	DST5
Zinesto	Z3803E	E3	R	3.8	DST5

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

---

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

### Soybean Cyst Nematode (SCN) Resistance Rating

---

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

---

E3	Enlist E3®
GT	Agrisure® GT
LLGT27	LibertyLink® GT27®
P	Plenish®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

---

### Soybeans Seed Treatments\*

---

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CGT	Chemgro gro-Tek (Chemgro Seed)
CMB-APX,SA	CruiserMaxx® APX with Saltro®
DST5	Dominance 5 ST
Lum	LumiGEN™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
Obtayn	Obtayn (Seedway Seeds)
PS	MAS Pro-Shield (Mid-Atlantic Seeds)
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
RP	Radius Premium (Local Seed Co)
Treated	Treated, unspecified
Untreated	No seed treatment

---

\* Seed treatments may include unspecified plant health promoting components.