

Test by: M&D Seed Research, LLC Van Buren, IN

## 2023 Soybeans Top 30 Harvest Report

Ohio Northwest [OHNW] ADA, OH  
Cody Handley, Hardin County, OH

<b>All-Season Test</b>	Maturity Group <b>2.4 - 3.4</b> S2023OHNW04
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Roundup, Atrazine
<b>SOIL DESCRIPTION:</b>	Miami silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, high K, 6.2 pH, 3.4% OM, 18.8 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Roundup, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 16 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 4 132.1 /A

### TEST COMMENTS:

*This site planted well in the middle of May and had just enough moisture and heat to get the beans established before a dry spell set in after planting. A very dry May and June was followed by good rains in July and August. Beans were standing well at harvest with good bean size and healthy stems.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	28EG29 § ↗	E3	2.8	R	<b>77.7</b>	12.1	1	132.7	1010	1
Ebberts	E3171 E3 ↗	E3	3.1	R	<b>77.5</b>	11.7	1	135.0	1008	2
Asgrow	AG27XF3 § ↗	RXF	2.7	R	<b>76.5</b>	11.8	1	133.7	994	3
Asgrow	AG33XF3 § ↗	RXF	3.3	R	<b>76.3</b>	12.4	1	131.7	992	4
Stine	33EG02 § ↗	E3	3.3	R	<b>76.2</b>	12.4	1	133.0	991	5
Rob-See-Co	IS3188E3 GC ↗	E3	3.1	R	<b>75.0</b>	11.7	1	131.0	975	6
Xitavo	XO 3131E ↗	E3	3.1	R	<b>75.0</b>	11.9	1	132.3	975	7
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	<b>74.7</b>	11.9	1	132.7	971	8
Rob-See-Co	IS2566E3 GC ↗	E3	2.5	R	<b>74.3</b>	12.1	1	132.0	966	9
Xitavo	XO 3014E ↗	E3,ST	3.0	R	<b>74.3</b>	12.2	1	133.0	966	10
Stine	27EG22 § ↗	E3	2.7	R	<b>73.9</b>	11.9	1	132.7	961	11
Xitavo	XO 2832E ↗	E3	2.8	R	<b>73.7</b>	12.0	1	133.3	958	12
FS HiSOY	HS 28F30 ↗	RXF	2.8	R	<b>72.8</b>	12.2	1	132.0	946	13
Seed Consultants	SC 7311E ↗	E3	3.1	NA	<b>72.5</b>	12.0	1	130.0	942	14
Asgrow	AG30XF4 § ↗	RXF	3.0	R	<b>72.5</b>	12.7	1	130.0	942	15
FS HiSOY	HS 25E30 ↗	E3	2.5	R	<b>72.5</b>	11.8	1	132.7	942	16
Xitavo	XO 3224E ↗	E3	3.2	R	<b>72.3</b>	12.6	1	134.3	940	17
Pioneer	P31T64E § ↗	E3	3.1	NA	<b>72.3</b>	12.0	1	127.0	940	18
Seed Consultants	SC 7341E ↗	E3	3.4	NA	<b>72.2</b>	11.8	1	134.3	939	19
Pioneer	P33A85E § ↗	E3	3.3	NA	<b>72.0</b>	12.1	1	128.0	936	20
Partners Brand	PB 2524-E3 ↗	E3	2.5	R	<b>72.0</b>	11.8	1	134.3	936	21
Partners Brand	PB 3024-E3S ↗	E3,ST	3.0	R	<b>71.8</b>	12.3	1	132.7	933	22
Golden Harvest	GH2814E3S § ↗	E3,ST	2.8	MR	<b>71.6</b>	11.5	1	130.3	931	23
Seed Consultants	SC 7332E ↗	E3	3.3	MR	<b>71.5</b>	12.2	1	133.0	930	24
Ebberts	E3370 E3 ↗	E3	3.3	R	<b>70.7</b>	11.9	1	134.0	919	25
Xitavo	XO 3483E ↗	E3	3.4	MR	<b>70.7</b>	11.9	1	134.3	919	26
FS HiSOY	HS 32E30 ↗	E3	3.2	R	<b>70.6</b>	11.8	1	131.3	918	27
Seed Consultants	SC 7293E ↗	E3	2.9	MR	<b>70.5</b>	11.9	1	131.0	916	28
FS HiSOY	HS 28E10 ↗	E3	2.8	R	<b>70.4</b>	12.0	1	131.3	915	29
NK Brand	NK28-B9E3S ↗	E3,ST	2.8	MR	<b>70.0</b>	11.7	1	133.0	910	30

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Averages = **71.2** **12.0** **1** **132.1** **925**

LSD (0.10) = 4.0 0.2 ns

LSD (0.25) = 2.1 0.1 ns

C.V. = 5.4

Historic yield: 47.52 bu/a, 1 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$13.00; non-GMO = \$13.75

Report Date: 11/12/2023

† 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)

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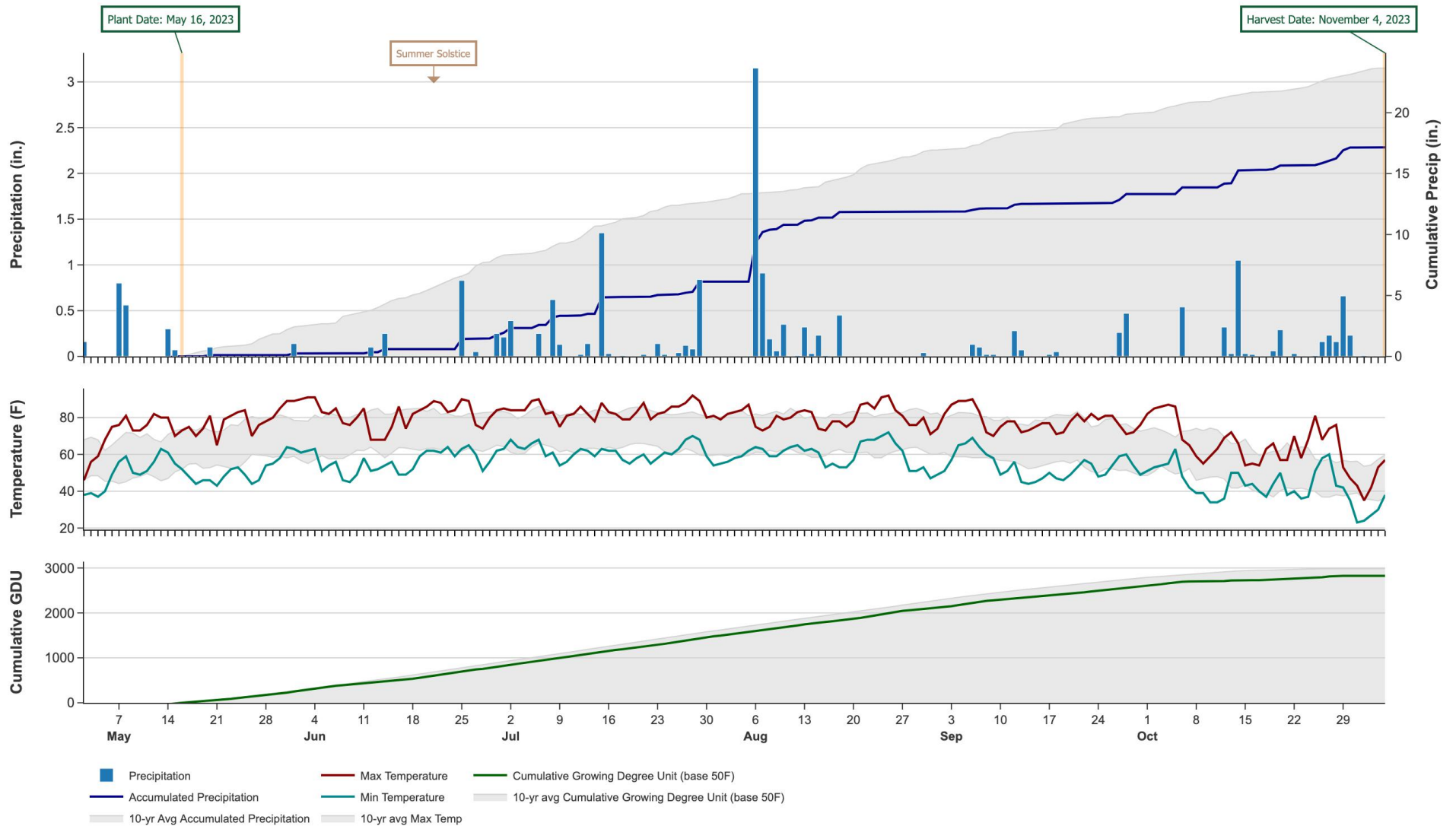
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# 2023 Soybeans - Ohio Northwest [ OHNW ]

## Weather Conditions Summary at ADA, OH

Weather Data Retrieved: 11/12/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   (Diff)	2.0   4.1 (-2.1)	1.6   5.9 (-4.3)	4.4   4.7 (-0.2)	5.8   4.2 (+1.6)	1.4   3.1 (-1.6)	3.8   3.3 (+0.5)	0.0   0.3 (-0.3)	19.0   25.6 (-6.5)
GDU   Avg (Diff)	406   391 (+14)	568   647 (-79)	685   704 (-19)	620   667 (-47)	484   512 (-28)	242   205 (+36)	0   0 (0)	3005   3128 (-123)



\* 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 - Ohio Northwest [ OHNW ]

### All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Ebberts	303XF	RXF	R	3.0	Ebberts
Ebberts	E2570 E3	E3	R	2.5	Ebberts
Ebberts	E2980 E3	E3	R	2.9	Ebberts
Ebberts	E3171 E3	E3	R	3.1	Ebberts
Ebberts	E3370 E3	E3	R	3.3	Ebberts
Ebberts	E3380 E3	E3	R	3.3	Ebberts
Ebberts	E3580 E3	E3	R	3.4	Ebberts
FS HiSOY	HS 24E30	E3	R	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	R	2.5	ACi,SA
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA
FS HiSOY	HS 27E30	E3	R	2.7	ACi,SA
FS HiSOY	HS 28E10	E3	R	2.8	ACi,SA
FS HiSOY	HS 28F30	RXF	R	2.8	ACi,SA
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA
FS HiSOY	HS 32E30	E3	R	3.2	ACi,SA
GDM Seed	EXPERIMENTAL 1	E3	R	2.7	CMB-APX,SA
GDM Seed	EXPERIMENTAL 2	E3	R	2.9	CMB-APX,SA
Golden Harvest	GH2674E3 §	E3	MR	2.6	CMB-APX,SA
Golden Harvest	GH2814E3S §	E3,ST	MR	2.8	CMB-APX,SA
Golden Harvest	GH3043E3	E3	R	3.0	CMB-APX,SA
Golden Harvest	GH3373E3S	E3,ST	R	3.3	CMB-APX,SA
NK Brand	NK26-M6E3 §	E3	MR	2.6	CMB-APX,SA
NK Brand	NK28-B9E3S	E3,ST	MR	2.8	CMB-APX,SA
NK Brand	NK30-B2E3	E3	R	3.0	CMB-APX,SA
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMB-APX,SA
Partners Brand	PB 2524-E3	E3	R	2.5	A3030
Partners Brand	PB 3024-E3S	E3,ST	R	3.0	A3030
Pioneer	P31T64E §	E3	NA	3.1	Lum, LumT, IL
Pioneer	P33A85E §	E3	NA	3.3	Untreated
Pioneer	P34T21SE §	E3,ST	R	3.4	Untreated
Rob-See-Co	IS2566E3 GC	E3	R	2.5	NA
Rob-See-Co	IS3188E3 GC	E3	R	3.1	NA
Seed Consultants	SC 7293E	E3	MR	2.9	Lum,Lu,Lud,IL
Seed Consultants	SC 7311E	E3	NA	3.1	Lum,Lu,IL
Seed Consultants	SC 7332E	E3	MR	3.3	Lum,Lu,IL
Seed Consultants	SC 7341E	E3	NA	3.4	Lum,Lu,IL
Stine	27EG22 §	E3	R	2.7	ACi
Stine	28EG29 §	E3	R	2.8	ACi
Stine	33EG02 §	E3	R	3.3	ACi

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2444E	E3,ST	R	2.4	PV,IL,OB,Rey
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
Xitavo	XO 3224E	E3	R	3.2	PV,IL,OB,Rey
Xitavo	XO 3483E	E3	MR	3.4	PV,IL,OB,Rey

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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

### Soybeans Technologies

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
A3030	Alert 3030 - Partners brand
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
Ebberts	Ebberts Complete Soybean (Ebberts Field Seeds)
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Untreated	No seed treatment

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