

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

## 2023 Soybeans Top 30 Harvest Report

Ohio Northwest [OHNW] DELPHOS, OH  
Steve Buettner, Allen County, OH

<b>All-Season Test</b>	Maturity Group <b>2.4 - 3.4</b> S2023OHNW01
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Flexstar, Intensity, Liberty
<b>SOIL DESCRIPTION:</b>	Hoytville silty clay, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.1 pH, 2.7% OM, 16.6 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Flexstar, Intensity, Anthem Max
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 18 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 24 131.6 /A

### TEST COMMENTS:

*This is a very uniform location that planted well in the middle of May. Adequate rains after planting promoted good root development while not causing any harm to plants. Mid to late-season added lots of moisture and helped with pod development and bean size. The site was standing well at harvest with little green left in stems.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Ebberts	E3171 E3 ↗	E3	3.1	R	<b>77.8</b>	14.0	1	133.3	1008	1
Partners Brand	PB 3024-E3S ↗	E3,ST	3.0	R	<b>75.0</b>	14.1	1	132.3	972	2
Xitavo	XO 2832E ↗	E3	2.8	R	<b>74.8</b>	14.1	1	133.3	969	3
FS HiSOY	HS 28E10 ↗	E3	2.8	R	<b>74.7</b>	14.1	1	130.0	968	4
Seed Consultants	SC 7293E ↗	E3	2.9	MR	<b>74.7</b>	13.9	1	131.0	968	5
Rob-See-Co	IS2566E3 GC ↗	E3	2.5	R	74.5	14.0	1	132.0	966	6
Rob-See-Co	IS3188E3 GC ↗	E3	3.1	R	74.5	14.0	1	131.3	965	8
Stine	28EG29 § ↗	E3	2.8	R	74.5	14.0	1	130.0	966	7
Ebberts	E2980 E3 ↗	E3	2.9	R	74.2	14.1	1	131.3	961	9
Partners Brand	PB 2524-E3 ↗	E3	2.5	R	73.8	13.9	2	133.3	957	10
Xitavo	XO 3014E ↗	E3,ST	3.0	R	73.8	14.1	1	131.0	956	11
Ebberts	E3370 E3 ↗	E3	3.3	R	73.7	14.0	1	134.0	955	12
Asgrow	AG33XF3 § ↗	RXF	3.3	R	73.6	14.1	1	133.7	954	13
FS HiSOY	HS 25E30 ↗	E3	2.5	R	73.4	13.9	2	132.7	951	14
Golden Harvest	GH3373E3S ↗	E3,ST	3.3	R	73.0	14.0	1	134.3	946	15
Golden Harvest	GH3043E3 ↗	E3	3.0	R	73.0	14.1	1	131.7	946	16
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	72.9	13.9	1	132.7	945	17
Xitavo	XO 2444E ↗	E3,ST	2.4	R	72.3	14.1	1	133.3	937	18
Stine	27EG22 § ↗	E3	2.7	R	72.2	13.9	1	130.3	936	19
FS HiSOY	HS 28F30 ↗	RXF	2.8	R	72.0	13.9	1	130.7	933	20
Ebberts	E3380 E3 ↗	E3	3.3	R	72.0	14.2	1	132.3	933	21
NK Brand	NK26-M6E3 § ↗	E3	2.6	MR	71.9	14.0	1	129.0	932	22
Pioneer	P33A85E § ↗	E3	3.3	NA	71.7	14.0	1	134.0	929	23
Ebberts	E2570 E3 ↗	E3	2.5	R	71.6	13.8	1	135.0	928	24
Golden Harvest	GH2674E3 § ↗	E3	2.6	MR	71.6	13.9	1	131.7	928	25
Xitavo	XO 3224E ↗	E3	3.2	R	71.4	14.2	1	130.0	925	26
GDM Seed	EXPERIMENTAL 2 ↗	E3	2.9	R	71.2	14.0	1	132.3	923	27
Ebberts	E3580 E3 ↗	E3	3.4	R	70.9	14.0	1	132.7	919	28
Xitavo	XO 3483E ↗	E3	3.4	MR	70.9	14.1	2	129.3	919	29
Asgrow	AG30XF4 § ↗	RXF	3.0	R	70.9	14.2	1	133.7	918	30

*Matt Turner*

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Averages = **71.3**    **14.1**    **1**    **131.6**    **924**

LSD (0.10) = 3.3    0.1    ns

LSD (0.25) = 1.7    0.1    ns

C.V. = 4.3

Historic yield: 63.57 bu/a, 3 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: 10/27/2023

† 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

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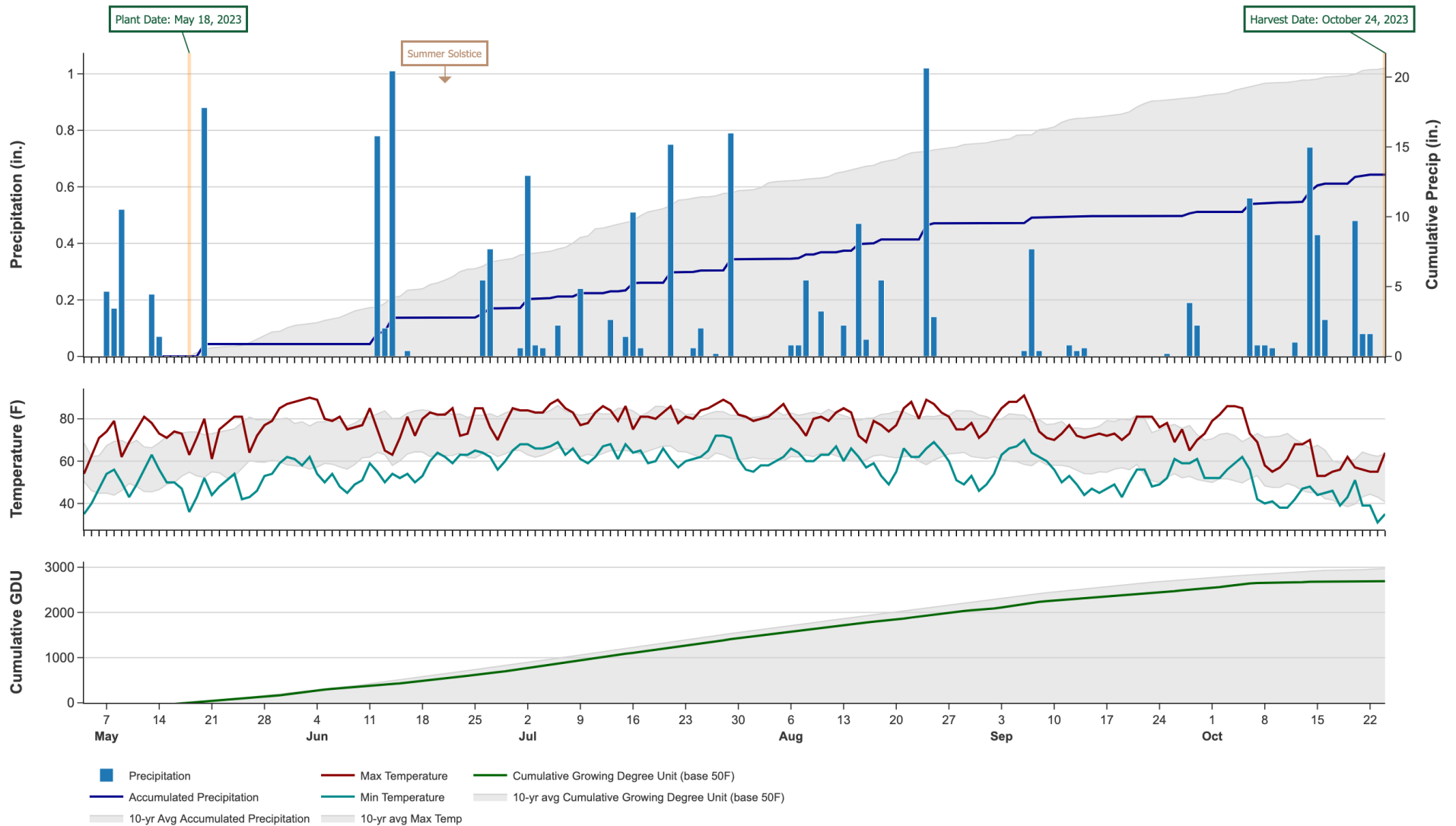
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2023 Soybeans - Ohio Northwest [ OHNW ]

## Weather Conditions Summary at DELPHOS, OH

Weather Data Retrieved: 10/27/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.1   4.3 (-2.2)	2.6   5.0 (-2.4)	3.5   4.9 (-1.4)	2.6   3.4 (-0.8)	0.8   3.4 (-2.6)	2.7   2.0 (+0.7)	14.2   22.9 (-8.7)
GDU   Avg (Diff)	358   361 (-3)	535   631 (-96)	726   727 (-1)	608   679 (-71)	470   506 (-36)	164   205 (-41)	2861   3111 (-250)



\* 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, Salto®
CMB-APX,SA	CruiserMaxx® APX with Salto®
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.