

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

2023 Soybeans Top 30 Harvest Report

Ohio Northwest [OHNW] TIFFIN, OH
Synergy Ag, Joe Steyer, Seneca County, OH 44883

All-Season Test	Maturity Group 2.4 - 3.4 S2023OHNW03
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Glyphosate
SOIL DESCRIPTION:	Kibbie sandy loam, moderately drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.4 pH, 1.9% OM, 10.0 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Valor, Metribuzin, Glufosinate, Glyphosate
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 15 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 10 132.0 /A

TEST COMMENTS:

This location has great fertility with a history of producing good data with excellent yields. The site planted well and had just enough moisture and heat to help with good emergence and early season vigor. Good rains during mid-season added roots and size to plants. Plots were healthy at harvest and standing well with some green stems present within varieties.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Seed Consultants	SC 7332E ↗	E3	3.3	MR	80.0	13.0	1	129.3	1080	1
Seed Consultants	SC 7293E ↗	E3	2.9	MR	78.7	11.9	1	130.7	1062	2
Ebberts	E3580 E3 ↗	E3	3.4	R	78.2	13.2	1	134.3	1056	3
FS HiSOY	HS 28E10 ↗	E3	2.8	R	78.1	11.7	1	133.7	1054	4
Golden Harvest	GH3043E3 ↗	E3	3.0	R	77.8	11.8	1	135.3	1050	5
Xitavo	XO 3224E ↗	E3	3.2	R	77.6	12.5	1	132.0	1048	6
Rob-See-Co	IS3188E3 GC ↗	E3	3.1	R	77.5	12.0	1	132.7	1046	7
Seed Consultants	SC 7311E ↗	E3	3.1	NA	77.1	12.1	1	129.7	1041	8
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	77.0	12.2	1	136.0	1040	9
NK Brand	NK26-M6E3 § ↗	E3	2.6	MR	76.8	12.7	1	133.3	1037	10
Ebberts	E3380 E3 ↗	E3	3.3	R	76.6	12.1	1	130.3	1034	11
FS HiSOY	HS 28F30 ↗	RXF	2.8	R	76.5	11.7	1	130.7	1033	12
Asgrow	AG33XF3 § ↗	RXF	3.3	R	76.3	12.4	1	129.7	1030	13
Golden Harvest	GH3373E3S ↗	E3,ST	3.3	R	76.3	12.2	1	132.0	1030	14
GDM Seed	EXPERIMENTAL 2 ↗	E3	2.9	R	76.1	11.6	1	133.3	1027	15
Golden Harvest	GH2814E3S § ↗	E3,ST	2.8	MR	76.0	11.7	1	132.7	1026	16
Xitavo	XO 3483E ↗	E3	3.4	MR	75.9	12.3	1	131.3	1025	17
Seed Consultants	SC 7341E ↗	E3	3.4	NA	75.6	12.5	1	132.7	1021	18
Asgrow	AG27XF3 § ↗	RXF	2.7	R	75.5	12.0	1	130.7	1019	19
Xitavo	XO 2444E ↗	E3,ST	2.4	R	74.8	11.7	1	131.7	1010	20
FS HiSOY	HS 32E30 ↗	E3	3.2	R	74.8	11.9	1	132.3	1010	21
Stine	27EG22 § ↗	E3	2.7	R	74.5	11.4	1	134.3	1006	22
Xitavo	XO 3014E ↗	E3,ST	3.0	R	74.4	12.2	1	130.7	1004	23
Golden Harvest	GH2674E3 § ↗	E3	2.6	MR	74.2	11.9	1	131.7	1002	24
FS HiSOY	HS 27E30 ↗	E3	2.7	R	74.2	12.2	1	133.0	1002	25
NK Brand	NK30-B2E3 ↗	E3	3.0	R	74.1	12.1	1	132.3	1000	26
Pioneer	P33A85E § ↗	E3	3.3	NA	73.8	11.3	1	132.3	996	27
NK Brand	NK33-W2E3S ↗	E3,ST	3.3	R	73.8	12.4	1	131.7	996	28
Ebberts	303XF ↗	RXF	3.0	R	73.5	11.9	1	132.3	992	29
Ebberts	E3171 E3 ↗	E3	3.1	R	73.1	11.8	1	130.3	987	30



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Averages = **73.8** **12.1** **1** **132.0** **996**

LSD (0.10) = 3.9 0.5 ns

LSD (0.25) = 2.0 0.3 ns

C.V. = 5.0

Historic yield: 63.89 bu/a, 6 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$13.50; non-GMO = \$14.00

Report Date: 10/10/2023

† 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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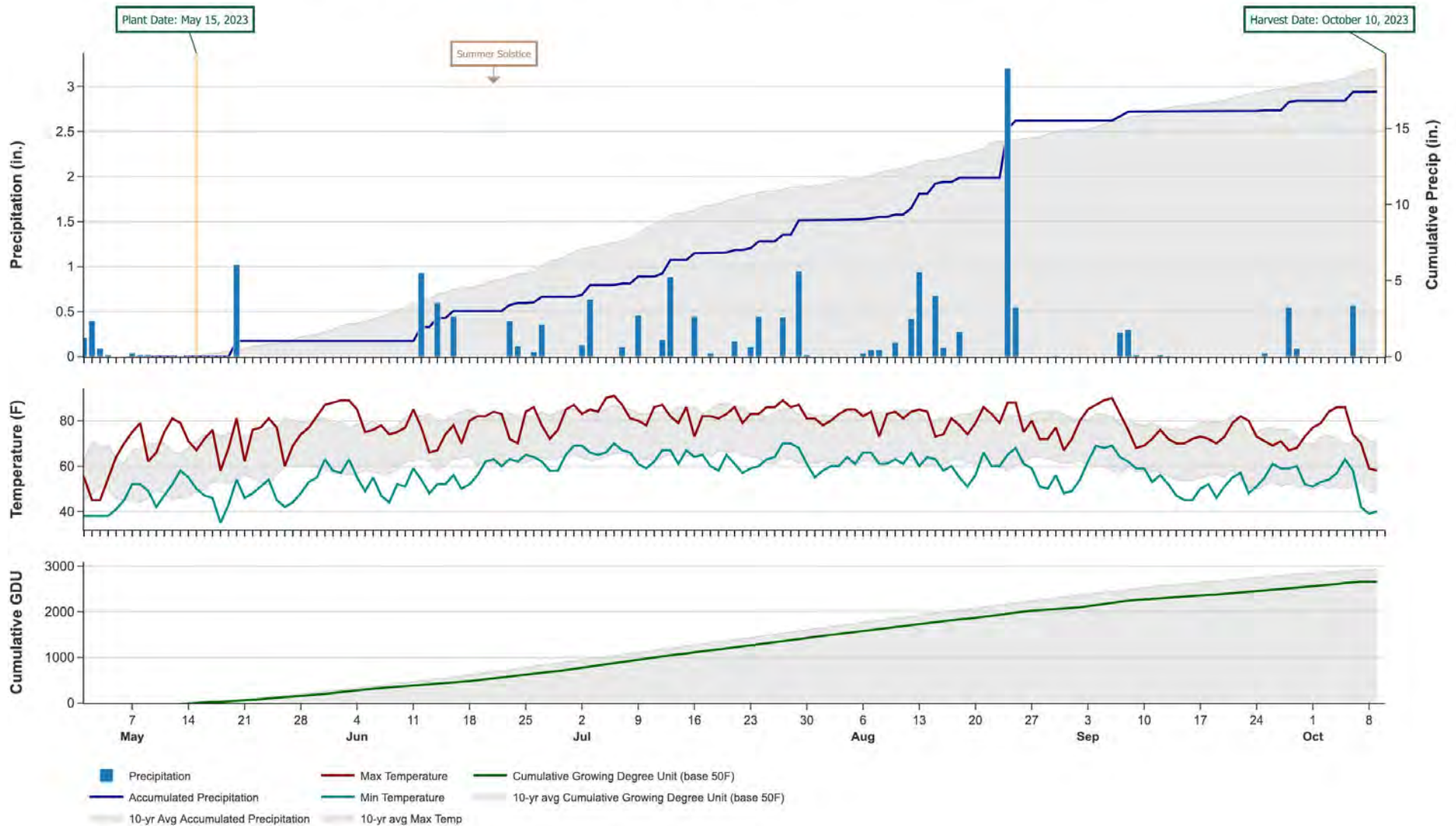
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2023 Soybeans - Ohio Northwest [OHNW]

Weather Conditions Summary at TIFFIN, OH

Weather Data Retrieved: 10/10/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.8 3.8 (-1.9)	2.9 5.0 (-2.0)	5.0 4.7 (+0.4)	6.5 3.6 (+2.9)	1.3 3.0 (-1.7)	0.6 1.0 (-0.5)	18.2 21.1 (-2.9)
GDU Avg (Diff)	328 390 (-62)	526 629 (-103)	730 746 (-16)	616 694 (-78)	466 508 (-42)	121 101 (+19)	2787 3071 (-284)



* 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.

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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

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®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.