

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

## 2022 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> S2022OHNW02
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / NA
<b>SOIL DESCRIPTION:</b>	Hoytville silty clay, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, high K, 6.9 pH, 3.1% OM, 15.8 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Flexstar, Intensity, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEDED - RATE - ROW:</b>	Jun 3 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 26 133.9 /A

### TEST COMMENTS:

*This location has been a high-yielding, uniform site over the years. It has good fertility and drainage. The site started off well with good emergence and had adequate rains in the early season for growth and root development. Good late-season rains helped with pod development and added to large bean sizes with good quality. The site cut well at harvest with no green left in the stems.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Ebberts	E2960 E3 ↗	E3	2.9	R	<b>71.6</b>	10.8	1	123.3	913	1
FS HiSOY	HS 28E10 ↗	E3	2.8	R	<b>70.7</b>	10.9	1	131.3	901	2
Stine	31EF23 § ↗	E3	3.1	R	<b>69.5</b>	10.9	1	139.0	886	3
Xitavo	XO 2832E ↗	E3	2.8	R	<b>68.6</b>	10.9	1	134.0	875	4
Xitavo	XO 3402E ↗	E3	3.4	R	<b>68.2</b>	10.8	1	134.3	870	5
NK Brand	NK30-B2E3 § ↗	E3	3.0	R	67.6	10.8	1	135.0	862	6
Seed Consultants	SC 7302E ↗	E3	3.0	NA	67.3	10.9	1	136.0	857	7
Seed Consultants	SC 7311E ↗	E3	3.1	NA	67.2	10.8	1	133.3	857	8
Genesis	G2570ES ↗	E3,ST	2.5	R	67.1	10.7	1	134.3	856	9
Ebberts	E3151 E3 ↗	E3	3.1	NA	67.0	10.8	1	133.0	854	10
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	66.9	10.7	1	135.3	853	11
Ebberts	E3460 E3 ↗	E3	3.4	R	66.9	10.8	1	132.0	853	12
Ebberts	E3560 E3 ↗	E3	3.4	R	66.7	10.7	1	135.3	850	13
NK Brand	NK33-W2E3S ↗	E3,ST	3.3	R	66.6	10.9	3	131.7	849	14
Genesis	G2960E ↗	E3	2.9	R	66.4	10.9	1	132.7	847	15
Seed Consultants	SC 7332E ↗	E3	3.3	MR	66.4	10.7	1	135.0	847	16
FS HiSOY	HS 32F10 ↗	RXF	3.2	R	66.3	10.6	1	135.3	845	17
Partners Brand	PB3422E3 § ↗	E3	3.4	R	66.1	10.8	1	136.7	843	18
Golden Harvest	GH3132E3 § ↗	E3	3.1	R	65.9	10.8	1	130.7	840	19
Ebberts	E3370 E3 ↗	E3	3.2	R	65.8	10.7	1	135.7	839	20
Stine	26EF23 § ↗	E3	2.6	R	65.5	10.9	1	134.7	835	21
Genesis	G3460ES ↗	E3,ST	3.4	R	65.3	10.7	1	136.7	833	22
Xitavo	XO 2501E ↗	E3	2.5	R	65.3	10.7	1	132.7	833	23
Golden Harvest	GH2818E3 ↗	E3	2.8	MR	65.2	10.8	1	134.7	831	24
Stine	26EC32 § ↗	E3	2.6	R	65.0	10.8	1	136.7	829	25
FS HiSOY	HS 34F00 ↗	RXF	3.4	R	64.9	10.8	1	135.3	827	26
Xitavo	XO 3131E ↗	E3	3.1	R	64.7	10.8	2	135.0	825	27
Ebberts	E2671 E3 ↗	E3	2.6	R	64.6	10.8	1	128.3	824	28
Seed Consultants	SC 7322E ↗	E3	3.2	NA	64.5	10.7	1	133.7	822	29
Pioneer	P31T64E § ↗	E3	3.1	NA	64.3	10.8	1	133.7	820	30

*Matt Turner*

Matt Turner

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Averages = **65.0** **10.8** **1** **133.9** **828**

LSD (0.10) = 3.2 0.1 0

LSD (0.25) = 1.7 0.0 0

C.V. = 4.7

Historic yield: 62.92 bu/a, 2 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$12.75; non-GMO = \$12.75

Report Date: 10/30/2022

† 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

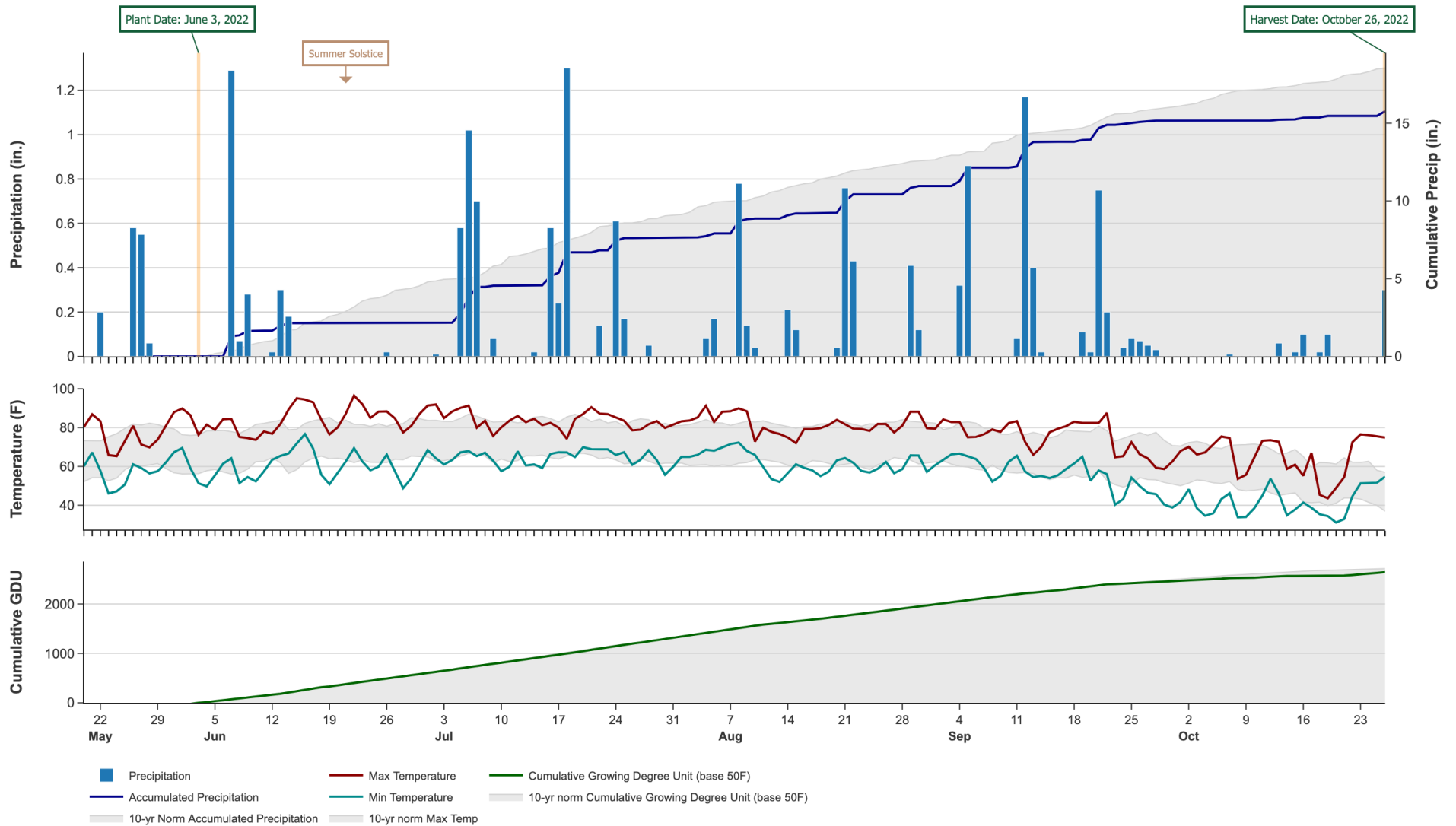
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# 2022 Soybeans - Ohio Northwest [ OHNW ]

## Weather Conditions Summary at DELPHOS, OH

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.4   1.8 (-0.4)	2.2   4.9 (-2.8)	5.5   4.5 (+1.0)	3.3   3.5 (-0.2)	4.2   3.4 (+0.8)	0.6   2.5 (-1.9)	17.2   20.7 (-3.5)
GDU   Normal (Diff)	208   211 (-3)	635   629 (+5)	735   740 (-5)	668   676 (-8)	479   502 (-23)	191   213 (-22)	2916   2973 (-57)



\* 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.

## 2022 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	AG28XF3 §	RXF	R	2.8	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
DONMARIO	DM24E23	E3	R	2.4	CMBV
Ebberts	303XF	RXF	R	3.0	Ebberts
Ebberts	333XF	RXF	R	3.3	Ebberts
Ebberts	E2671 E3	E3	R	2.6	Ebberts
Ebberts	E2960 E3	E3	R	2.9	Ebberts
Ebberts	E3151 E3	E3	NA	3.1	Ebberts
Ebberts	E3370 E3	E3	R	3.2	Ebberts
Ebberts	E3460 E3	E3	R	3.4	Ebberts
Ebberts	E3560 E3	E3	R	3.4	Ebberts
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA,B-200
FS HiSOY	HS 28E10	E3	R	2.8	ACi,B-200
FS HiSOY	HS 28F20	RXF,ST	R	2.8	ACi,SA,B-200
FS HiSOY	HS 29F10	RXF	R	2.9	ACi,SA,B-200
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA,B-200
FS HiSOY	HS 32F10	RXF	R	3.2	ACi,SA,B-200
FS HiSOY	HS 33E20	E3,ST	R	3.3	ACi,SA,B-200
FS HiSOY	HS 34F00	RXF	R	3.4	ACi,SA,B-200
Genesis	G2570ES	E3,ST	R	2.5	EcTC,SA
Genesis	G2960E	E3	R	2.9	EcTC,SA
Genesis	G3460ES	E3,ST	R	3.4	EcTC,SA
Golden Harvest	GH2818E3	E3	MR	2.8	CMBV,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3132E3 §	E3	R	3.1	CMBV,SA
Golden Harvest	GH3373E3S §	E3,ST	R	3.3	CMBV,SA
NK Brand	NK29-Z4E3	E3	R	2.9	CMBV,SA
NK Brand	NK30-B2E3 §	E3	R	3.0	CMBV,SA
NK Brand	NK31-M7E3	E3	R	3.1	CMBV,SA
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMBV,SA
Partners Brand	PB3422E3 §	E3	R	3.4	A2020
Pioneer	P31T64E §	E3	NA	3.1	Untreated
Pioneer	P34T21SE §	E3,ST	R	3.4	Untreated
Seed Consultants	SC 7302E	E3	NA	3.0	Lum,Lu,IL
Seed Consultants	SC 7311E	E3	NA	3.1	Lum,Lu,IL
Seed Consultants	SC 7322E	E3	NA	3.2	Lum,Lu,IL
Seed Consultants	SC 7332E	E3	MR	3.3	Lum,Lu,IL
Stine	26EC32 §	E3	R	2.6	SFI
Stine	26EF23 §	E3	R	2.6	SFI
Stine	31EF23 §	E3	R	3.1	SFI
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey
Xitavo	XO 3402E	E3	R	3.4	PV,IL,OB,Rey
Xitavo	XO 3483E	E3,ST	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	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
A2020	Alert 2020 (Partners Brand Seed)
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
Ebberts	Ebberts Complete Soybean (Ebberts Field Seeds)
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
Untreated	No seed treatment

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