

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

## 2023 Soybeans Top 30 Harvest Report

Indiana North [INNO] VALPARAISO, IN

Wyckoff Hybrids, Inc., Matt Goetz, Laporte County, IN

<b>All-Season Test</b>	Maturity Group <b>2.4 - 3.4</b> S2023INNO07
<b>Top 30 of 72</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Keystone Plus, Round Up
<b>SOIL DESCRIPTION:</b>	Door loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 6.7 pH, 3.4% OM, 11.9 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Zolera, Steed At R3
<b>Applied N-P-K (units):</b>	0-0-90
<b>SEEDED - RATE - ROW:</b>	May 6 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 7 114.5 /A

### TEST COMMENTS:

*This is a very uniform dryland location that was planted early and started off with good emergence. The area had a very dry May and June but better rains later in the summer helped plants root and get some size to them. Fall rains helped with bean size but also delayed harvest a bit. Beans cut well and were dry for a November harvest and were still standing well.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3014E ↗	E3,ST	3.0	R	<b>76.5</b>	12.4	1	128.3	994	1
Xitavo	XO 3224E ↗	E3	3.2	R	<b>75.4</b>	12.7	1	120.0	980	2
Ebberts	E2980 E3 ↗	E3	2.9	R	<b>75.2</b>	12.6	1	124.7	978	3
Wyckoff	W3380E3 ↗	E3	3.3	R	<b>74.1</b>	12.6	1	118.7	963	4
Stine	27EG22 § ↗	E3	2.7	R	<b>74.1</b>	12.5	1	115.0	963	5
Dyna-Gro	S25EN74 ↗	E3	2.5	R	<b>74.1</b>	12.4	1	125.0	963	6
Apex	AE3340 ↗	E3	3.3	R	<b>73.3</b>	12.8	1	124.3	953	7
Partners Brand	PB 2524-E3 ↗	E3	2.5	R	<b>73.1</b>	12.6	2	113.0	950	8
Partners Brand	PB 3024-E3S ↗	E3,ST	3.0	R	<b>72.4</b>	12.6	1	115.0	941	9
Apex	AE3131S ↗	E3,ST	3.1	R	<b>72.3</b>	12.5	1	109.3	940	10
Apex	AE2940S ↗	E3,ST	2.9	R	<b>71.8</b>	12.5	1	122.0	933	11
Dyna-Gro	S31EN91 ↗	E3	3.1	R	<b>71.7</b>	12.6	1	117.0	932	12
Wyckoff	W2980E3 ↗	E3	2.9	MR	<b>71.6</b>	12.5	1	106.3	931	13
NK Brand	NK24-A2E3S ↗	E3,ST	2.4	R	<b>71.6</b>	12.4	1	127.0	931	14
FS HISOY	HS 25E30 ↗	E3	2.5	R	<b>71.4</b>	12.4	1	115.0	928	15
Ebberts	E3380 E3 ↗	E3	3.3	R	<b>71.4</b>	12.7	1	125.0	928	16
Asgrow	AG27XF3 § ↗	RXF	2.7	R	<b>71.4</b>	12.4	1	107.0	928	17
Xitavo	XO 3483E ↗	E3	3.4	MR	<b>71.2</b>	12.2	1	115.7	926	18
Ebberts	E3370 E3 ↗	E3	3.3	R	<b>71.0</b>	12.4	1	120.0	923	19
Purple Ribbon	33E23 ↗	E3	3.3	MR	<b>70.9</b>	12.4	1	112.3	922	20
Asgrow	AG33XF3 § ↗	RXF	3.3	R	<b>70.9</b>	12.5	2	94.7	922	21
Ebberts	E2570 E3 ↗	E3	2.5	R	<b>70.8</b>	12.7	1	108.3	920	22
Stine	33EG02 § ↗	E3	3.3	R	<b>70.8</b>	12.8	2	112.3	920	23
Dairyland	DSR-2717E ↗	E3	2.7	R	<b>70.5</b>	12.3	1	109.0	916	24
Ebberts	E3580 E3 ↗	E3	3.4	R	<b>70.4</b>	12.5	1	123.3	915	25
Dairyland	DSR-2444E ↗	E3	2.4	R	<b>70.4</b>	13.0	1	114.7	915	26
Pioneer	P33A85E § ↗	E3	3.3	NA	<b>69.8</b>	12.7	1	119.3	907	27
Wyckoff	W3085E3 ↗	E3,ST	3.0	MR	<b>69.6</b>	12.6	1	116.3	905	28
NK Brand	NK26-M6E3 § ↗	E3	2.6	MR	<b>69.4</b>	12.6	1	117.7	902	29
Golden Harvest	GH2674E3 § ↗	E3	2.6	MR	<b>69.1</b>	12.8	1	111.7	898	30

*Matt Turner*

Matt Turner

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Averages = **68.4** **12.6** **1** **114.5** **889**

LSD (0.10) = 4.1 0.2 ns

LSD (0.25) = 2.2 0.1 ns

C.V. = 5.8

Historic yield: 60.36 bu/a, 4 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$13.00; non-GMO = \$13.50

Report Date: 11/07/2023

† 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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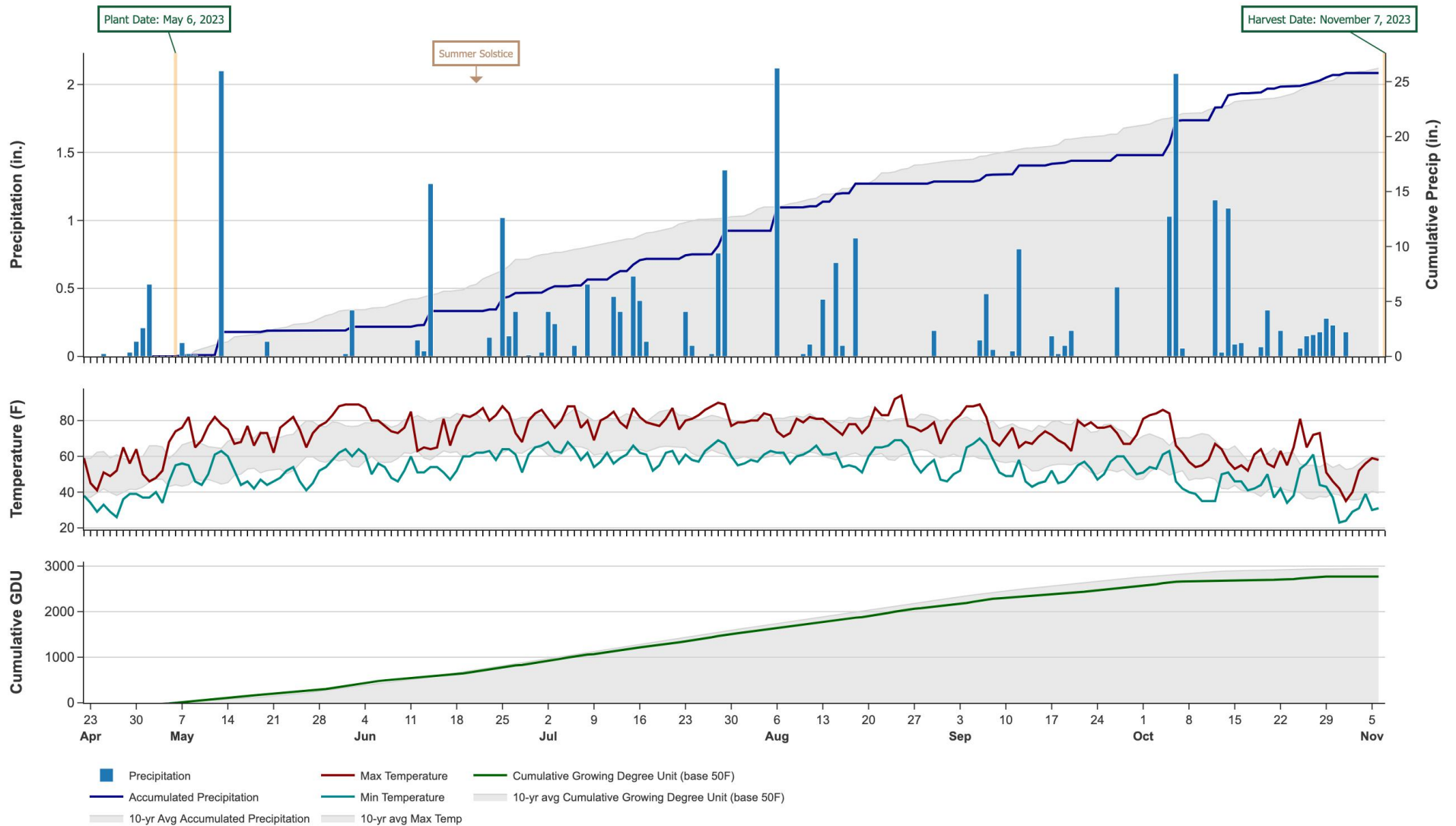
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# 2023 Soybeans - Indiana North [ INNO ]

## Weather Conditions Summary at VALPARAISO, IN

Weather Data Retrieved: 11/07/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   (Diff)	0.2   1.1 (-1.0)	3.1   5.1 (-2.0)	3.4   5.0 (-1.6)	5.7   3.6 (+2.0)	4.5   5.0 (-0.5)	2.4   3.3 (-0.8)	7.3   4.5 (+2.8)	0.2   0.7 (-0.6)	26.7   28.4 (-1.7)
GDU   Avg (Diff)	14   17 (-3)	370   346 (+23)	529   613 (-84)	652   694 (-42)	592   649 (-57)	428   486 (-58)	221   186 (+34)	0   4 (-4)	2806   2998 (-192)



\* 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 - Indiana North [ INNO ]

### All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2940S	E3,ST	R	2.9	PU
Apex	AE3131S	E3,ST	R	3.1	PU
Apex	AE3340	E3	R	3.3	PU
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Dairyland	DSR-2444E	E3	R	2.4	Lum,Lu,IL
Dairyland	DSR-2562E	E3	R	2.5	Lum,Lu,IL
Dairyland	DSR-2691E	E3	R	2.6	Lum,Lu,IL
Dairyland	DSR-2717E	E3	R	2.7	Lum,Lu,IL
Dairyland	DSR-2902E	E3	R	2.9	Lum,Lu,IL
Dairyland	DSR-3177E	E3	R	3.1	Lum,Lu,IL
Dairyland	DSR-3499E	E3	R	3.4	Lum,Lu,IL
DONMARIO	DM30E03	E3	R	3.0	CMB-APX,SA
Dyna-Gro	S25EN74	E3	R	2.5	EQ,VA,Sa
Dyna-Gro	S29EN62	E3	R	2.9	EQV,Sa,VA
Dyna-Gro	S31EN14	E3	R	3.1	EQV,Sa,VA
Dyna-Gro	S31EN91	E3	R	3.1	EQV,Sa,VA
Dyna-Gro	S33EN42	E3	R	3.3	EQV,Sa,VA
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 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
FS HiSOY	HS 33E20	E3,ST	R	3.3	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	NK24-A2E3S	E3,ST	R	2.4	CMB-APX,SA
NK Brand	NK26-M6E3 §	E3	MR	2.6	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NK Brand	NK28-B9E3S	E3,ST	MR	2.8	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
ProHarvest	31E37	E3	R	3.1	PU
Purple Ribbon	28E22	E3	MR	2.8	CMB
Purple Ribbon	31E23	E3	MR	3.1	CMB
Purple Ribbon	33E23	E3	MR	3.3	CMB
Specialty	2826XF GC	RXF	MR	2.8	ACi
Specialty	3134XF GC	RXF	MR	3.1	ACi
Specialty	3315XF GC	RXF	R	3.3	ACi
Stine	27EG22 §	E3	R	2.7	ACi
Stine	28EG29 §	E3	R	2.8	ACi
Stine	33EG02 §	E3	R	3.3	ACi
Wyckoff	W2570E3	E3	R	2.5	WyK
Wyckoff	W2785E3	E3,ST	MR	2.7	WyK
Wyckoff	W2885E3	E3	MR	2.8	WyK
Wyckoff	W2980E3	E3	MR	2.9	WyK
Wyckoff	W3085E3	E3,ST	MR	3.0	WyK
Wyckoff	W3171E3	E3,ST	MR	3.1	WyK
Wyckoff	W3380E3	E3	R	3.3	WyK
Wyckoff	W3580E3	E3	MR	3.4	WyK
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 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, Salstro®
CMB	CruiserMaxx® Beans
CMB-APX,SA	CruiserMaxx® APX with Salstro®
Ebberts	Ebberts Complete Soybean (Ebberts Field Seeds)
EQ,VA,Sa	Equity VAYO, Salstro®
EQV,Sa,Va	Equity VIP, Salstro®, Vayantis®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Untreated	No seed treatment
WyK	WyCKOAT fueled by Soy-Defense (Wyckoff Hybrids)

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