

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

2022 Soybeans Top 30 Harvest Report

Indiana North [INNO] VALPARAISO, IN
Wyckoff Hybrids, Inc., Matt Goetz, LaPorte County, IN

All-Season Test	Maturity Group 2.4 - 3.4 S2022INNO07
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Keystone Plus
SOIL DESCRIPTION:	Tracey sandy loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.4 pH, 2.1% OM, 7.5 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Authority, Round Up
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	May 30 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 29 122.6 /A

TEST COMMENTS:

This site is a great representation of northwest Indiana sandy loam dryland. The site is very uniform with good fertility and started off with good stands after planting. Below-average rainfall during the growing season kept the plants short and prevented them from reaching their full potential. Beans were good quality at harvest but were small in size, but were standing well.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK29-Z4E3 § ↗	E3	2.9	R	53.1	12.8	1	134.0	677	1
Xitavo	XO 3131E ↗	E3	3.1	R	52.0	11.9	1	133.3	663	2
Dyna-Gro	S28XF92S ↗	RXF,ST	2.8	R	51.6	12.4	1	129.7	658	3
Apex	AE3330S ↗	E3	3.3	R	51.6	11.8	1	133.7	658	4
DONMARIO	DM28E52 ↗	E3	2.8	NA	51.6	12.3	1	135.0	658	5
Dairyland	DSR-3365E ↗	E3	3.3	R	51.4	12.4	1	112.0	655	6
Partners Brand	PB3422E3 GC ↗	E3	3.4	R	51.0	12.0	1	123.0	650	7
Ebberts	E3151 E3 ↗	E3	3.1	NA	51.0	13.3	1	119.3	650	8
Dairyland	DSR-3499E ↗	E3	3.4	R	50.9	11.8	1	114.0	649	9
Dyna-Gro	S31EN91 ↗	E3	3.1	R	50.9	12.3	1	133.7	649	10
Golden Harvest	GH3043E3 ↗	E3	3.0	R	50.9	12.0	1	133.3	649	11
ProHarvest	31E37 ↗	E3	3.1	R	50.8	11.3	1	134.7	648	12
NK Brand	NK33-W2E3S ↗	E3,ST	3.3	R	50.8	12.8	1	132.3	648	13
Golden Harvest	GH2442E3 § ↗	E3	2.4	R	50.8	13.0	1	134.3	648	14
Ebberts	E3460 E3 ↗	E3	3.4	R	50.7	11.7	1	119.0	646	15
Xitavo	XO 3483E ↗	E3,ST	3.4	MR	50.7	12.6	1	128.3	646	16
Dyna-Gro	S33EN42 ↗	E3	3.3	R	50.4	12.8	1	136.3	643	17
Wyckoff	W3171E3 ↗	E3,ST	3.1	R	50.4	12.4	1	120.3	643	18
Wyckoff	W2570E3 ↗	E3	2.5	R	50.0	11.8	1	121.0	638	19
Dyna-Gro	S29EN62 ↗	E3	2.9	R	49.6	11.7	1	133.7	632	20
FS HiSOY	HS 26E20 ↗	E3	2.6	R	49.4	13.0	1	127.0	630	21
Apex	AE2930 ↗	E3	2.9	R	49.3	12.3	1	133.7	629	22
NK Brand	NK30-B2E3 ↗	E3	3.0	R	49.3	13.3	1	137.3	628	23
Xitavo	XO 2832E ↗	E3	2.8	R	49.0	12.6	1	135.7	625	24
Ebberts	E3370 E3 ↗	E3	3.2	R	48.9	11.8	1	121.0	623	25
Golden Harvest	GH2922E3 ↗	E3	2.9	R	48.9	12.2	1	135.3	623	26
Ebberts	303XF ↗	RXF	3.0	R	48.6	11.5	1	124.7	620	27
Dairyland	DSR-2717E ↗	E3	2.7	R	48.5	12.8	1	120.3	618	28
Stine	26EF23 § ↗	E3	2.6	R	48.3	12.5	1	133.3	616	29
Golden Harvest	GH3373E3S § ↗	E3,ST	3.3	R	48.2	12.3	1	130.3	615	30

Matt Turner

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mattturner1979@yahoo.com, (317) 606-9040

Averages = **47.4** **12.2** **1** **122.6** **604**

LSD (0.10) = 3.8 0.6 ns

LSD (0.25) = 2.0 0.3 ns

C.V. = 7.6

Historic yield: 65.62 bu/a, 3 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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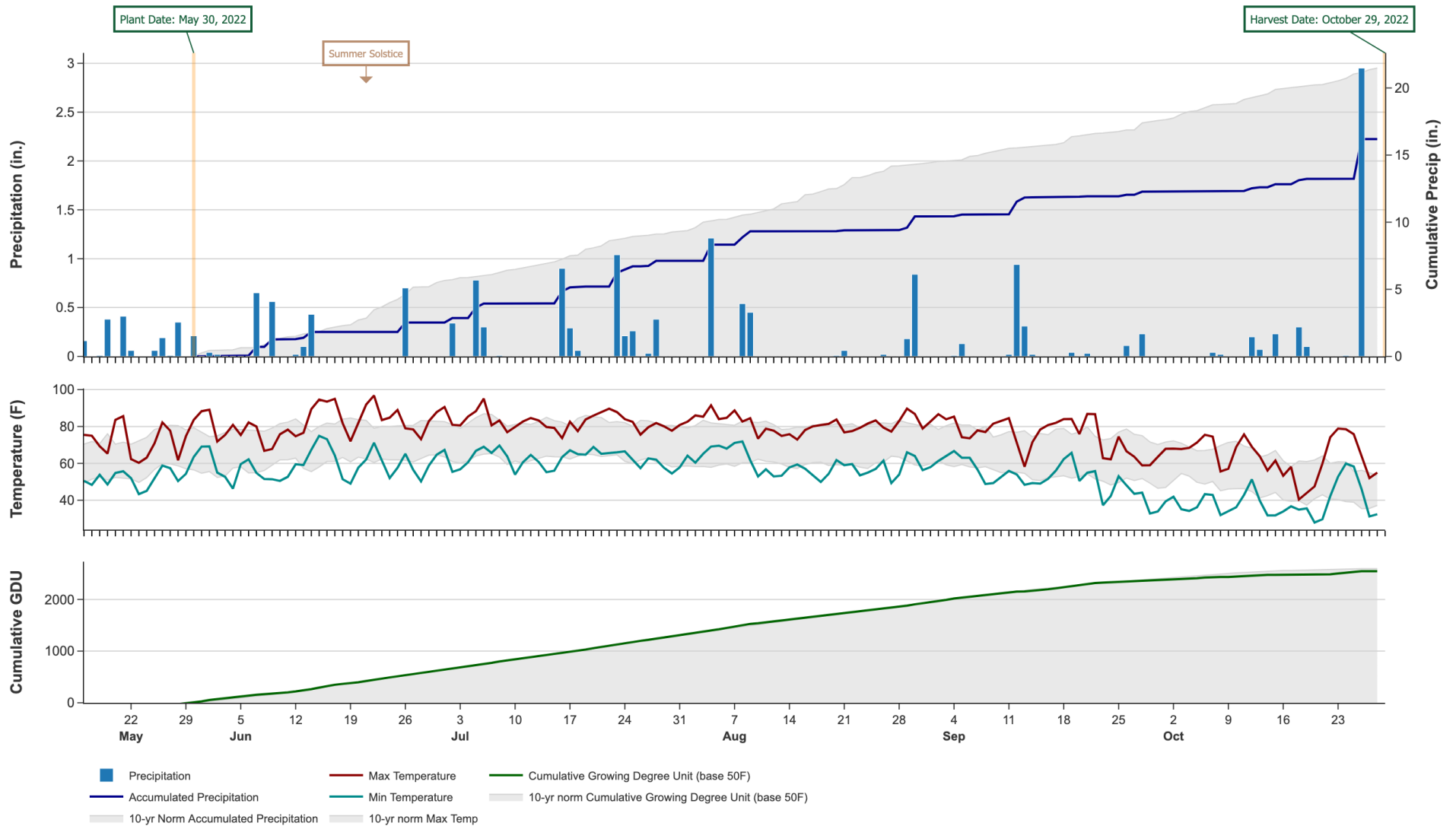
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2022 Soybeans - Indiana North [INNO]

Weather Conditions Summary at VALPARAISO, IN

Weather Data Retrieved: 10/30/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.8 2.2 (-0.3)	2.5 5.2 (-2.7)	4.6 3.8 (+0.8)	3.3 5.0 (-1.7)	1.8 3.2 (-1.4)	3.9 3.9 (0.0)	18.0 23.4 (-5.4)
GDU Normal (Diff)	224 233 (-9)	582 600 (-18)	686 695 (-9)	628 631 (-3)	441 466 (-25)	182 184 (-2)	2743 2812 (-69)



* 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 (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2930	E3	R	2.9	PU
Apex	AE3330S	E3	R	3.3	PU
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG28XF3 §	RXF	R	2.8	ACi,IL
Asgrow	AG31XF3 §	RXF	R	3.1	ACi
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Dairyland	DSR-2562E	E3	R	2.5	Lum,Lu,IL
Dairyland	DSR-2640E	E3	R	2.6	Lum,Lu,IL
Dairyland	DSR-2717E	E3	R	2.7	Lum,Lu,IL
Dairyland	DSR-2999E	E3	R	2.9	Lum,Lu,IL
Dairyland	DSR-3177E	E3	R	3.1	Lum,Lu,IL
Dairyland	DSR-3256E	E3,ST	R	3.3	Lum,Lu,IL
Dairyland	DSR-3365E	E3	R	3.3	Lum,Lu,IL
Dairyland	DSR-3499E	E3	R	3.4	Lum,Lu,IL
DONMARIO	DM24E23	E3	R	2.4	CMBV
DONMARIO	DM28E52	E3	NA	2.8	CMBV
Dyna-Gro	S28EN22	E3	MR	2.8	EQV,Sa,Va
Dyna-Gro	S28XF92S	RXF,ST	R	2.8	EQV,Sa,Va
Dyna-Gro	S29EN62	E3	R	2.9	EQV,Sa,Va
Dyna-Gro	S31EN91	E3	R	3.1	EQV,Sa,Va
Dyna-Gro	S31XF82	RXF	R	3.1	EQV,Sa,Va
Dyna-Gro	S33EN42	E3	R	3.3	EQV,Sa,Va
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 26F20	RXF	R	2.6	ACi,SA,B-200
FS HiSOY	HS 27F20	RXF	R	2.7	ACi,SA,B-200
FS HiSOY	HS 28E10	E3	R	2.8	ACi,SA,B-200
FS HiSOY	HS 28F20	RXF,ST	R	2.8	ACi,SA,B-200
FS HiSOY	HS 31E20	E3,ST	R	3.1	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	GH2442E3 §	E3	R	2.4	CMBV,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3043E3	E3	R	3.0	CMBV,SA
Golden Harvest	GH3373E3S §	E3,ST	R	3.3	CMBV,SA
NK Brand	NK24-A2E3S	E3,ST	R	2.4	CMBV,SA
NK Brand	NK29-Z4E3 §	E3	R	2.9	CMBV,SA
NK Brand	NK30-B2E3	E3	R	3.0	CMBV,SA
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMBV,SA
Partners Brand	PB3422E3 GC	E3	R	3.4	A2020
Pioneer	P31T64E §	E3	NA	3.1	Untreated
Pioneer	P34T21SE §	E3,ST	R	3.4	Untreated
ProHarvest	31E37	E3	R	3.1	PU
Specialty	2403XF	RXF	R	2.4	ACi
Specialty	2895XF	RXF	R	2.8	ACi
Specialty	3226XF	RXF	R	3.2	ACi
Specialty	3315XF	RXF	R	3.3	ACi
Specialty	3407XF	RXF	R	3.4	ACi
Stine	26EC32 §	E3	R	2.6	SFI
Stine	26EF23 §	E3	R	2.6	SFI
Stine	31EF23 §	E3	R	3.1	SFI
Wyckoff	W2460E3	E3,ST	R	2.4	WyK,Sa
Wyckoff	W2570E3	E3	R	2.5	WyK,Sa
Wyckoff	W2671E3	E3	R	2.6	WyK,Sa
Wyckoff	W2960E3	E3	R	2.9	WyK,Sa
Wyckoff	W3160E3	E3	R	3.1	WyK,Sa
Wyckoff	W3171E3	E3,ST	R	3.1	WyK,Sa
Wyckoff	W3221E3	E3	R	3.2	WyK,Sa
Wyckoff	W3370E3	E3,ST	R	3.3	WyK,Sa
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey
Xitavo	XO 3483E	E3,ST	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	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
A2020	Alert 2020 (Partners Brand Seed)
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Salstro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Salstro®
Ebberts	Ebberts Complete Soybean (Ebberts Field Seeds)
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salstro®
EQV,Sa,Va	Equity VIP, Salstro®, Vayantis
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
Untreated	No seed treatment
WyK,Sa	WyCKOAT fueled by Soy-Defense (Wyckoff Hybrids), Salstro

* Seed treatments may include unspecified plant health promoting components.