

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

2022 Soybeans Top 30 Harvest Report

Indiana North [INNO] HOWE, IN
David Larimer, Lagrange County, IN

All-Season Test	Maturity Group 2.4 - 3.4 S2022INNO08
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Accuron, Impact
SOIL DESCRIPTION:	Shipshe sandy loam, well drained, irrigated
SOIL CONDITION:	very high P, very high K, 5.3 pH, 1.4% OM, 7.7 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Antares, Tap Out, Provonis, Sinister
Applied N-P-K (units):	0-40-90
SEEDED - RATE - ROW:	May 30 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 25 110.1 /A

TEST COMMENTS:

This site is an excellent representation of northern Indiana's irrigated, sandy loam soils. The plot planted well but did have some thin stands in places. The site received good rains and mild growing season temperatures, and despite the thin stands had excellent yields. Beans were large with good pod fill. Beans were drier at harvest than we would like, but cut well with no shatter.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DONMARIO	DM28E52 ↗	E3	2.8	NA	75.1	8.9	1	123.7	958	1
Wyckoff	W3171E3 ↗	E3,ST	3.1	R	75.1	9.5	1	112.3	958	2
NK Brand	NK24-A2E3S ↗	E3,ST	2.4	R	74.4	9.0	1	125.0	949	3
Wyckoff	W2570E3 ↗	E3	2.5	R	73.2	9.6	1	113.0	933	4
Stine	31EF23 § ↗	E3	3.1	R	72.6	9.3	1	108.7	926	5
FS HISOY	HS 31E20 ↗	E3,ST	3.1	R	71.9	9.1	1	106.0	917	6
Dyna-Gro	S31EN91 ↗	E3	3.1	R	71.6	9.0	1	129.0	913	7
Pioneer	P31T64E § ↗	E3	3.1	NA	71.5	9.2	1	94.7	912	8
Xitavo	XO 3131E ↗	E3	3.1	R	71.1	9.5	1	107.7	907	9
Asgrow	AG27XF3 § ↗	RXF	2.7	R	70.9	9.2	1	119.3	904	10
Apex	AE2930 ↗	E3	2.9	R	69.9	8.6	1	124.0	891	11
Dyna-Gro	S33EN42 ↗	E3	3.3	R	69.8	8.1	1	136.5	890	12
Wyckoff	W2671E3 ↗	E3	2.6	R	69.7	8.9	1	117.0	889	13
Dairyland	DSR-3365E ↗	E3	3.3	R	69.6	8.5	1	113.3	887	14
Ebberts	303XF ↗	RXF	3.0	R	69.5	9.3	1	115.7	886	15
Dairyland	DSR-2640E ↗	E3	2.6	R	69.3	9.5	1	115.5	884	16
Ebberts	E3370 E3 ↗	E3	3.2	R	69.2	8.5	1	109.3	882	17
Specialty	3226XF ↗	RXF	3.2	R	69.1	9.0	1	87.0	881	18
Genesis	G2570ES ↗	E3,ST	2.5	R	69.1	9.5	1	124.0	881	19
Stine	26EF23 § ↗	E3	2.6	R	69.0	9.0	1	99.3	880	20
NK Brand	NK30-B2E3 ↗	E3	3.0	R	68.8	8.7	1	123.3	877	21
FS HISOY	HS 28E10 ↗	E3	2.8	R	68.7	9.2	1	101.3	876	22
Wyckoff	W3221E3 ↗	E3	3.2	R	68.6	8.7	1	108.0	875	23
Xitavo	XO 2832E ↗	E3	2.8	R	68.2	9.4	1	116.3	870	24
Wyckoff	W2460E3 ↗	E3,ST	2.4	R	67.8	9.4	1	114.7	864	25
Specialty	2895XF ↗	RXF	2.8	R	67.7	9.3	1	114.0	863	26
Dairyland	DSR-2999E ↗	E3	2.9	R	67.3	8.9	1	101.7	858	27
Dyna-Gro	S28XF92S ↗	RXF,ST	2.8	R	67.2	9.1	1	115.7	857	28
Stine	26EC32 § ↗	E3	2.6	R	67.2	9.2	1	103.3	857	29
FS HISOY	HS 27F20 ↗	RXF	2.7	R	66.8	9.3	1	114.3	852	30

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Averages = **66.4** **8.9** **1** **110.1** **847**

LSD (0.10) = 5.3 0.6 ns

LSD (0.25) = 2.8 0.3 ns

C.V. = 7.5

Historic yield: 63.7 bu/a, 10 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.75; non-GMO = \$12.75

Report Date: 10/26/2022

† 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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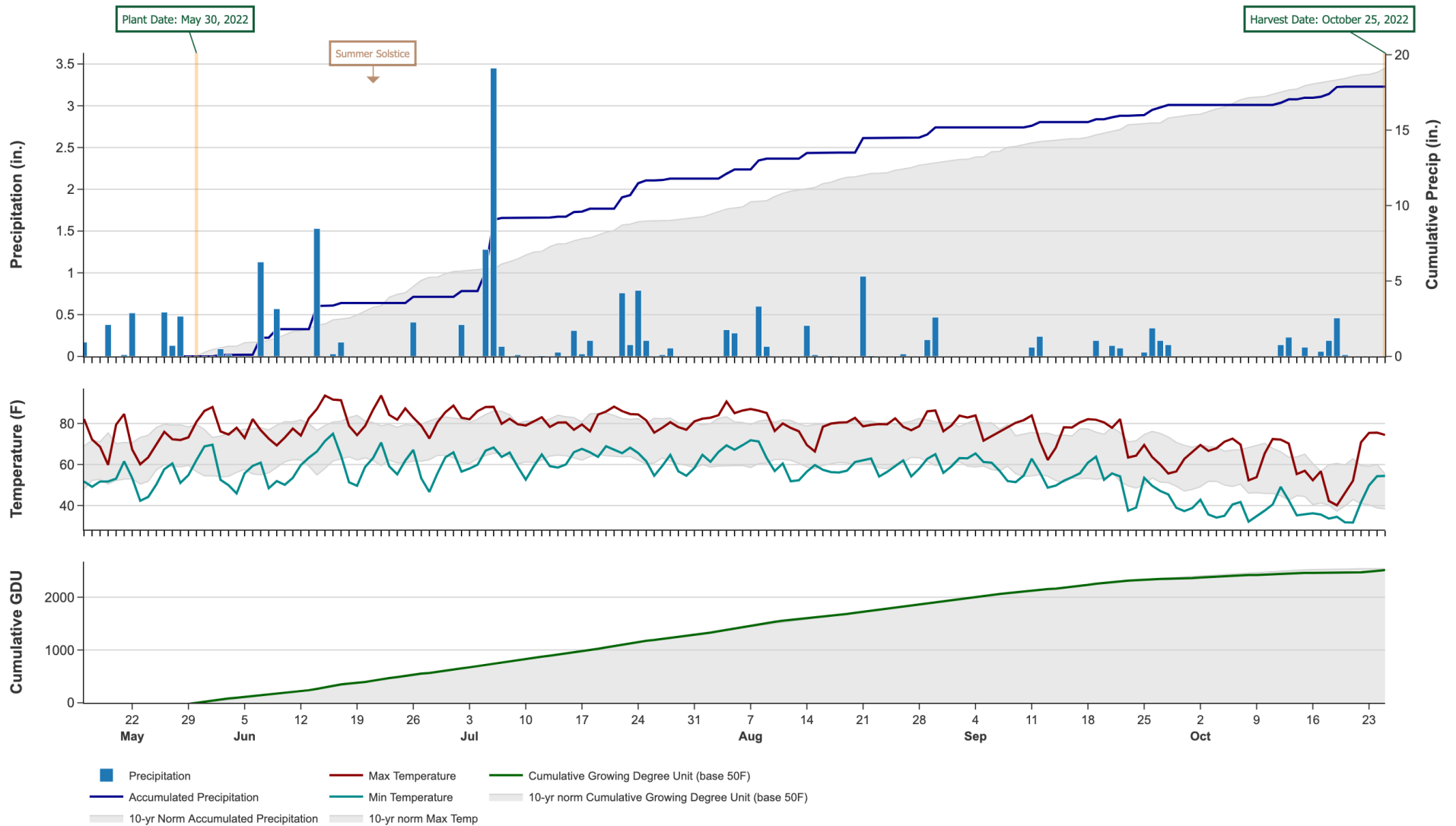
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2022 Soybeans - Indiana North [INNO]

Weather Conditions Summary at HOWE, IN

Weather Data Retrieved: 10/26/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	2.2 1.9 (+0.3)	4.0 5.2 (-1.3)	7.8 3.7 (+4.1)	3.4 3.7 (-0.3)	1.5 3.1 (-1.6)	1.2 3.1 (-1.9)	20.1 20.8 (-0.7)
GDU Normal (Diff)	223 234 (-11)	579 585 (-6)	677 698 (-21)	638 634 (+3)	433 452 (-19)	159 153 (+5)	2709 2758 (-49)



* 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, Saltró®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltró®
Ebberts	Ebberts Complete Soybean (Ebberts Field Seeds)
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltró®
EQV,Sa,Va	Equity VIP, Saltró®, 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), Saltró

* Seed treatments may include unspecified plant health promoting components.