

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

2022 Soybeans Top 30 Harvest Report

Ohio Northwest [OHNW] ARCHBOLD, OH
William Shininger, Fulton County, OH

All-Season Test	Maturity Group 2.4 - 3.4 S2022OHNW01
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Roundup
SOIL DESCRIPTION:	Mermill loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, very high K, 5.7 pH, 2.3% OM, 8.0 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Anthem Max, Flexstar, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 4 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 29 129.2 /A

TEST COMMENTS:

This was a later planted site with ideal conditions, then plenty of water and heat led to perfect stands. This location had excellent rains during the growing season which led to tall healthy plants. Good late-season rains with mild temperatures produced large beans that were in good condition. The site cut well with little lodging present and had a good spread of moistures. Overall, a great site.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesis	G2960E ↗	E3	2.9	R	70.7	12.1	1	130.7	901	1
Asgrow	AG28XF3 § ↗	RXF	2.8	R	70.6	11.7	1	128.3	900	2
Xitavo	XO 2832E ↗	E3	2.8	R	70.5	12.2	1	131.0	899	3
Stine	31EF23 § ↗	E3	3.1	R	70.3	11.9	1	134.3	896	4
Partners Brand	PB3422E3 § ↗	E3	3.4	R	68.5	11.9	1	125.0	873	5
NK Brand	NK31-M7E3 ↗	E3	3.1	R	68.5	12.1	2	135.7	873	6
Xitavo	XO 2963E ↗	E3	2.9	R	67.9	12.2	1	127.0	866	7
Pioneer	P31T64E § ↗	E3	3.1	NA	67.6	12.1	1	127.5	862	8
Golden Harvest	GH3373E3S § ↗	E3,ST	3.3	R	67.5	12.1	1	130.0	861	9
FS HISOY	HS 28E10 ↗	E3	2.8	R	67.3	12.1	1	129.7	858	10
Ebberts	E3370 E3 ↗	E3	3.2	R	67.3	11.8	1	129.3	858	11
DONMARIO	DM24E23 ↗	E3	2.4	R	67.3	11.9	1	128.0	858	12
Ebberts	E3151 E3 ↗	E3	3.1	NA	67.0	11.9	2	129.3	854	13
Golden Harvest	GH2922E3 ↗	E3	2.9	R	67.0	11.9	1	122.7	854	14
NK Brand	NK33-W2E3S ↗	E3,ST	3.3	R	66.7	12.1	1	134.0	850	15
Xitavo	XO 3402E ↗	E3	3.4	R	66.7	11.9	1	129.7	850	16
Genesis	G2570ES ↗	E3,ST	2.5	R	66.7	12.0	1	126.0	850	17
Ebberts	333XF ↗	RXF	3.3	R	66.6	11.7	1	127.3	849	18
Golden Harvest	GH3132E3 § ↗	E3	3.1	R	66.4	12.1	1	134.0	847	19
FS HiSOY	HS 29F10 ↗	RXF	2.9	R	66.2	11.8	1	134.3	844	20
Ebberts	E3460 E3 ↗	E3	3.4	R	66.2	11.9	1	124.0	844	21
FS HISOY	HS 31E20 ↗	E3,ST	3.1	R	66.1	11.8	1	130.3	843	22
Genesis	G3460ES ↗	E3,ST	3.4	R	65.7	11.9	1	130.7	838	23
Ebberts	E3560 E3 ↗	E3	3.4	R	65.5	12.1	1	123.0	835	24
Seed Consultants	SC 7302E ↗	E3	3.0	NA	65.4	11.9	2	126.3	834	25
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	65.3	12.1	1	132.3	833	26
Xitavo	XO 2613E ↗	E3	2.6	R	65.0	12.2	1	129.0	829	27
Xitavo	XO 3483E ↗	E3,ST	3.4	MR	64.8	11.7	1	125.3	826	28
Xitavo	XO 2501E ↗	E3	2.5	R	64.7	11.9	3	134.3	825	29
Ebberts	E2960 E3 ↗	E3	2.9	R	64.6	12.0	1	127.3	824	30

Matt Turner

Matt Turner

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

Averages = **65.6** **11.9** **1** **129.2** **836**

LSD (0.10) = 3.4 0.1 ns

LSD (0.25) = 1.8 0.1 ns

C.V. = 4.9

Historic yield: 62.8 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: 11/02/2022

† 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

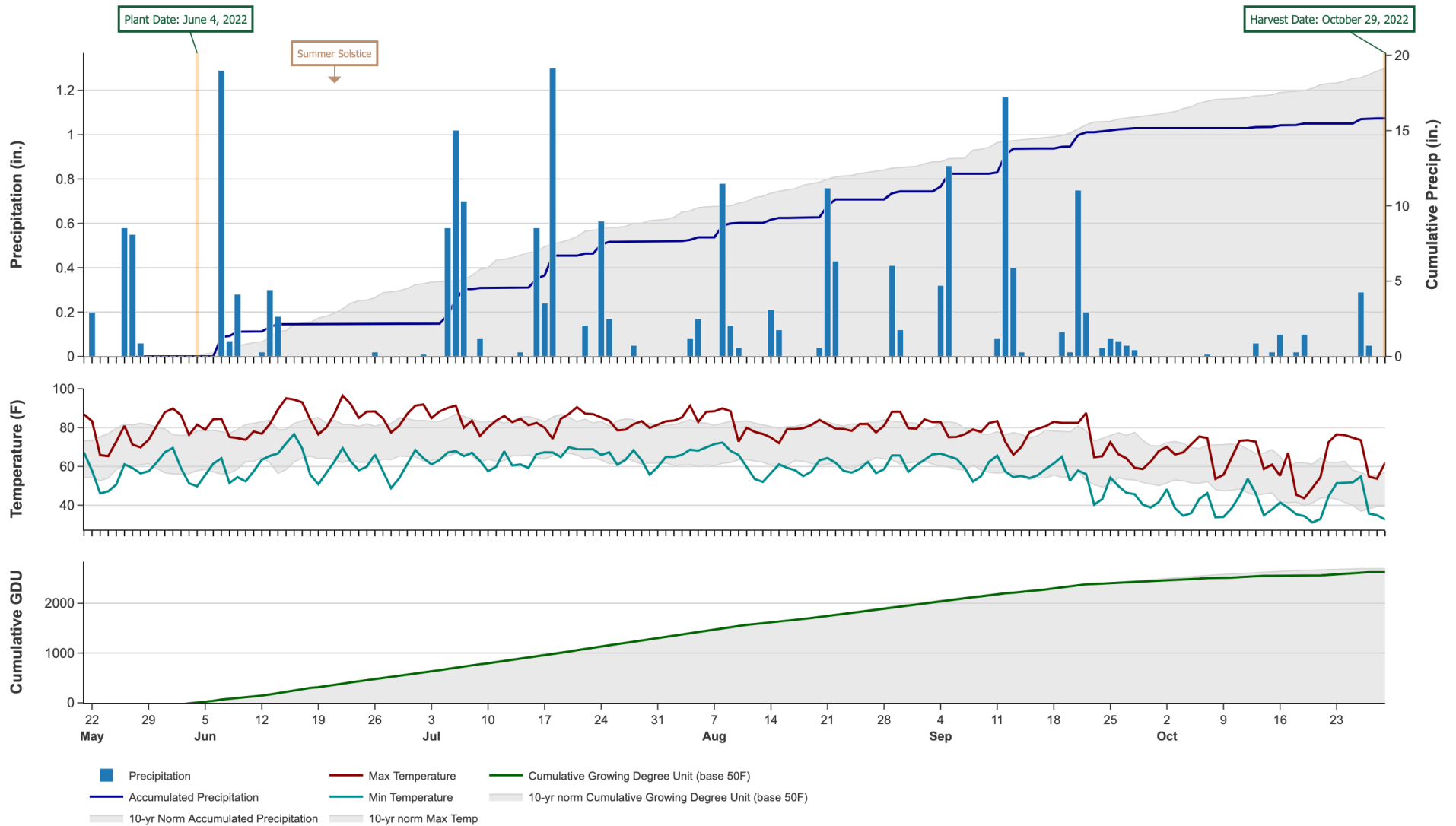
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2022 Soybeans - Ohio Northwest [OHNW]

Weather Conditions Summary at ARCHBOLD, OH

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.4 1.6 (-0.2)	2.2 4.9 (-2.8)	5.5 4.5 (+1.0)	3.3 3.5 (-0.2)	4.2 3.4 (+0.8)	0.7 3.1 (-2.5)	17.2 21.1 (-3.9)
GDU Normal (Diff)	188 198 (-10)	635 629 (+5)	735 740 (-5)	668 676 (-8)	479 502 (-23)	190 213 (-23)	2895 2960 (-65)



* 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	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

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,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

* Seed treatments may include unspecified plant health promoting components.