

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

2021 Soybeans Top 30 Harvest Report

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

All-Season Test	Maturity Group 2.4 - 3.4 S2021OHNW01
Top 30 of 62	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / NA
SOIL DESCRIPTION:	Merrill Loam sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, medium K, 4.9 pH, 1.7% OM, 2.9 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Flexstar, Zidua, Intensity
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 22 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 9 123.0 /A

TEST COMMENTS:

This plot planted well towards the end of May and had pretty good stands with a few thin spots in places. The front ranges of this plot did take some water damage due to over saturation during the growing season. The site was standing well at harvest with little to no lodging. The site had lots of moisture during the growing season.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Seed Consultants	SC 7311E ↗	E3	3.1	NA	81.1	13.4	1	124.5	972	1
NK Brand	NK31-M7E3 § ↗	E3	3.1	R	80.1	13.0	1	127.7	961	2
Golden Harvest	GH3392E3S ↗	E3,ST	3.3	R	78.1	13.2	1	132.0	937	3
NK Brand	NK31-J9XF ↗	RXF	3.1	MR	77.0	13.3	1	114.3	923	4
Ebberts	E3460 E3 ↗	E3	3.4	R	76.8	13.2	1	122.0	921	5
Apex	AE3420 ↗	E3	3.4	R	76.6	12.9	1	126.0	919	6
Seed Consultants	SC 7322E ↗	E3	3.2	NA	76.4	13.0	1	139.0	917	7
Xitavo	XO 3131E ↗	E3	3.1	R	76.4	13.3	1	126.0	916	8
Ebberts	352XF ↗	RXF	3.4	R	76.3	12.8	1	125.7	916	9
NK Brand	NK33-R4E3S ↗	E3,ST	3.3	R	75.9	13.1	1	118.0	911	10
Seed Consultants	SC 7302E ↗	E3	3.0	NA	75.7	13.0	1	126.0	908	11
NK Brand	NK29-A5E3 ↗	E3	2.9	MR	74.6	13.0	1	112.3	895	12
Rupp	RS 25EL24 ↗	E3	2.5	R	74.5	13.3	1	114.3	894	13
Genesis	G2460ES ↗	E3,ST	2.4	R	74.4	13.1	1	124.0	893	14
Apex	AE3220 ↗	E3	3.2	R	74.3	13.1	1	137.3	891	15
Golden Harvest	GH3192XF ↗	RXF	3.1	MR	74.2	13.3	1	122.3	890	16
Pioneer	P30T99E § ↗	E3	3.0	R	74.2	12.8	1	122.0	890	17
Seed Consultants	SC 7341E ↗	E3	3.4	NA	73.7	12.8	1	119.7	884	18
Golden Harvest	GH2922E3 ↗	E3	2.9	R	73.5	13.1	1	135.7	882	19
Golden Harvest	GH3442XF ↗	RXF	3.4	MR	73.4	13.0	1	114.3	881	20
Local Seed	IS2748E3 ↗	E3	2.7	NA	73.0	13.3	1	125.7	876	21
Genesis	G3460E ↗	E3	3.4	R	72.8	12.6	1	127.7	874	22
FS HISOY	32E00 ↗	E3	3.2	R	72.8	13.6	1	126.0	873	23
FS HISOY	28E10 ↗	E3	2.8	R	72.5	13.5	1	114.0	869	24
Ebberts	E3350 E3 ↗	E3	3.3	R	72.3	13.6	1	114.0	866	25
Local Seed	IS3371E3 ↗	E3	3.3	NA	71.8	13.4	1	118.3	861	26
Xitavo	XO 3402E ↗	E3	3.4	R	71.4	13.0	1	120.0	857	27
Pioneer	P31T64E § ↗	E3	3.1	NA	71.4	13.2	1	132.0	856	28
Golden Harvest	GH2818E3 § ↗	E3	2.8	MR	71.3	13.3	1	133.7	855	29
Stine	24EA12 § ↗	E3	2.4	R	71.2	13.2	1	114.3	854	30

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Averages = **70.1** **13.2** **1** **123.0** **842**

LSD (0.10) = 7.2 0.4 ns

LSD (0.25) = 3.8 0.2 ns

C.V. = 9.7

Historic yield: 57.01 bu/a, 2 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$12.00; non-GMO = \$12.00

Report Date: 11/11/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

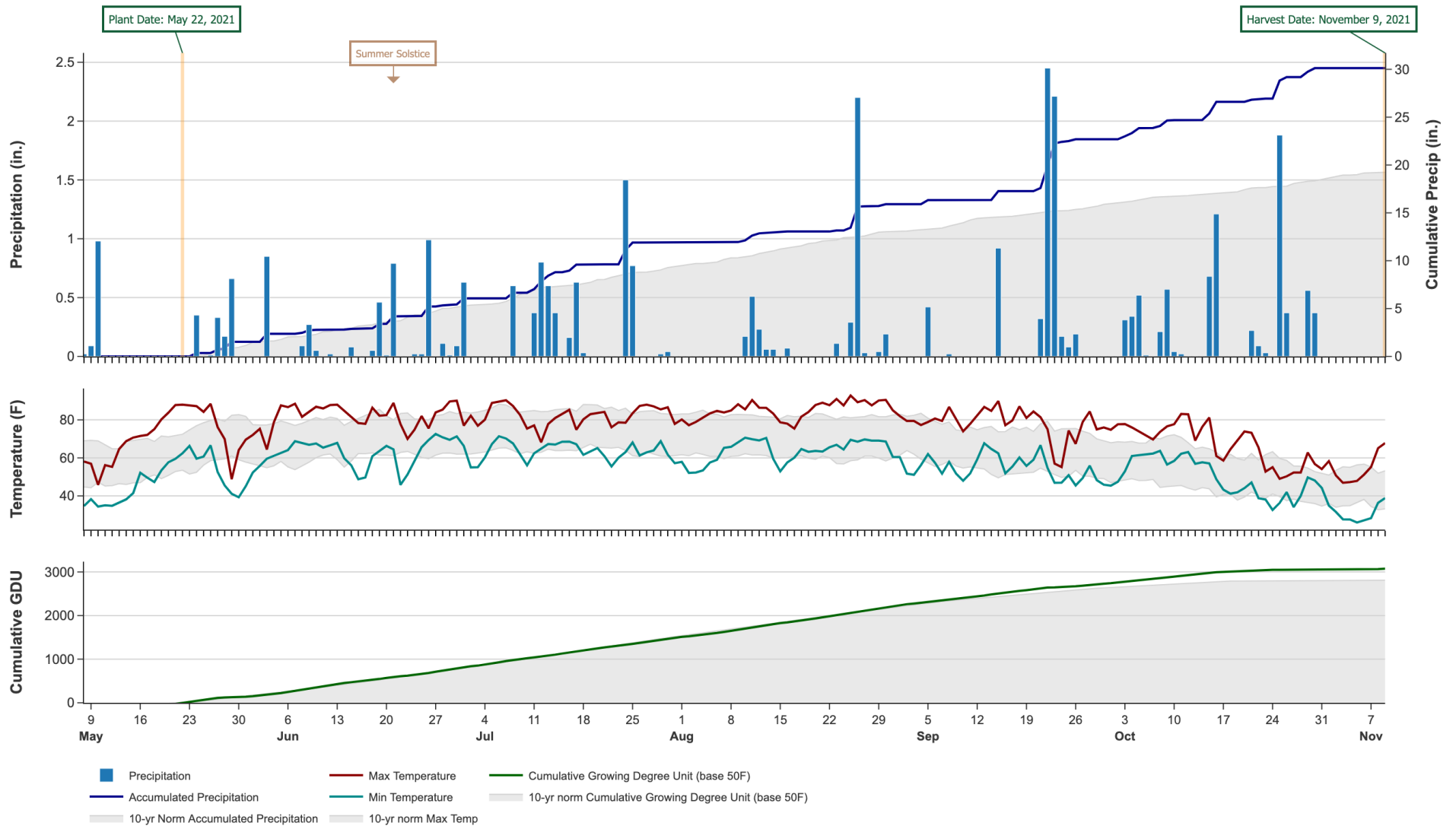
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2021 Soybeans - Ohio Northwest [OHNW]

Weather Conditions Summary at ARCHBOLD, OH

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	2.6 3.2 (-0.6)	3.9 4.0 (-0.1)	6.5 4.2 (+2.3)	4.0 3.7 (+0.3)	6.8 2.9 (+3.9)	7.4 2.6 (+4.8)	0.0 0.8 (-0.8)	31.2 21.4 (+9.9)
GDU Normal (Diff)	286 313 (-27)	658 602 (+55)	696 749 (-53)	732 660 (+71)	507 457 (+49)	326 174 (+151)	16 0 (+16)	3221 2957 (+263)



* 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 (62 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	CMBV,SA
Apex	AE3220	E3	R	3.2	CMBV,SA
Apex	AE3310	E3	R	3.3	CMBV,SA
Apex	AE3420	E3	R	3.4	CMBV,SA
Asgrow	AG28XF2 §	RXF	R	2.8	ACi,IL
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Credenz	CZ 2760GTL	LLGT27	R	2.7	PV,IL,OB
Credenz	CZ 3099GTL	LLGT27	R	3.1	PV,IL,OB
Ebberts	282XF	RXF	R	2.8	IS,Ri
Ebberts	312XF	RXF	R	3.1	IS,Ri
Ebberts	352XF	RXF	R	3.4	IS,Ri
Ebberts	E2960 E3	E3	R	2.9	IS,Ri
Ebberts	E3151 E3	E3	NA	3.1	IS,Ri
Ebberts	E3350 E3	E3	R	3.3	IS,Ri
Ebberts	E3460 E3	E3	R	3.4	IS,Ri
Ebberts	E3560 E3	E3	R	3.4	IS,Ri
FS HiSOY	25E00	E3	R	2.5	ACi,SA
FS HiSOY	27F 10	RXF	R	2.7	ACi,B-200
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
FS HiSOY	31F 10	RXF	R	3.1	ACi,B-200
FS HiSOY	32E00	E3	R	3.2	ACi,SA,B-200
FS HiSOY	33F 10	RXF	R	3.3	ACi,B-200
FS HiSOY	34E80	E3	R	3.4	ACi,B-200
FS HiSOY	34F00	RXF	R	3.4	ACi,B-200
Genesis	G2460ES	E3,ST	R	2.4	CMBV,SA
Genesis	G2960E	E3	R	2.9	CMBV,SA
Genesis	G3260E	E3	R	3.2	CMBV,SA
Genesis	G3460E	E3	R	3.4	CMBV,SA
Golden Harvest	GH2722XF	RXF	MR	2.7	CMBV,SA
Golden Harvest	GH2818E3 §	E3	MR	2.8	CMBV,SA
Golden Harvest	GH2872XF §	RXF	R	2.8	CMBV,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3132E3	E3	R	3.1	CMBV,SA
Golden Harvest	GH3192XF	RXF	MR	3.1	CMBV,SA
Golden Harvest	GH3392E3S	E3,ST	R	3.3	CMBV,SA
Golden Harvest	GH3442XF	RXF	MR	3.4	CMBV,SA
Local Seed	IS2748E3	E3	NA	2.7	RP
Local Seed	IS3371E3	E3	NA	3.3	RP
Local Seed	LS2504XFS	RXF	NA	2.5	RP
Local Seed	LS3019XF	RXF	NA	3.0	RP
NK Brand	NK29-A5E3	E3	MR	2.9	CMBV,SA
NK Brand	NK31-J9XF	RXF	MR	3.1	CMBV,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NK Brand	NK31-M7E3 §	E3	R	3.1	CMBV,SA
NK Brand	NK33-R4E3S	E3,ST	R	3.3	CMBV,SA
Partners Brand	PB 2922 E3	E3	R	2.9	Untreated
Pioneer	P28T14E §	E3	R	2.8	Treated
Pioneer	P30T99E §	E3	R	3.0	Lum,Lu,IL
Pioneer	P31T64E §	E3	NA	3.1	Treated
Rupp	RS 25EL24	E3	R	2.5	Liftoff Stage 2
Rupp	RS 28EL98	E3	R	2.8	Liftoff Stage 2
Rupp	RS 31EL00	E3	R	3.1	Liftoff Stage 2
Seed Consultants	SC 7302E	E3	NA	3.0	Lum,IL
Seed Consultants	SC 7311E	E3	NA	3.1	Lum,IL
Seed Consultants	SC 7322E	E3	NA	3.2	Lum,IL
Seed Consultants	SC 7341E	E3	NA	3.4	Lum,IL
Stine	24EA12 §	E3	R	2.4	SFI
Stine	24EE32 §	E3	R	2.4	SFI
Stine	27EA23 §	E3	R	2.7	SFI
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Xitavo	XO 3402E	E3	R	3.4	PV,IL,OB

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
LLGT27	LibertyLink® GT27®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
CMBV,SA	Cruisemaxx® Beans, Vibrance®, Saltro®
IS,Ri	Intego® Suite, Rizolex
Liftoff Stage 2	Insecticide-Fungicide (Rupp Seeds)
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
RP	Radius Premium (Local Seed Co)
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.