

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

2021 Soybeans Top 30 Harvest Report

Ohio Northwest [OHNW] TIFFIN, OH
Synergy Ag, Joe Steyer, Seneca County, OH 44883

All-Season Test	Maturity Group 2.4 - 3.4 S2021OHNW04
Top 30 of 62	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Lexar
SOIL DESCRIPTION:	Kibbie sandy clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.7 pH, 3.0% OM, 9.6 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Matador S, Metribuzin, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 16 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 10 104.1 /A

TEST COMMENTS:

This location was planted in great conditions and received lots of moisture all year which led to excellent growth and pod development. We had some erratic stands in the plot due to some herbicide carryover from 2020 but the great growing conditions led to low stand plots to branch well with lots of pods. There was very little yield loss due to thin stands. Beans were standing well at harvest and had good size to them.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Ebberts	E3151 E3 ↗	E3	3.1	NA	84.9	12.5	1	124.0	1019	1
Pioneer	P31T64E § ↗	E3	3.1	NA	84.3	13.0	2	81.3	1012	2
Golden Harvest	GH3192XF ↗	RXF	3.1	MR	84.0	13.0	1	104.7	1008	3
Ebberts	E3560 E3 ↗	E3	3.4	R	83.4	13.0	1	104.7	1001	4
FS HiSOY	25E00 ↗	E3	2.5	R	83.2	12.6	2	127.7	998	5
Apex	AE3220 ↗	E3	3.2	R	82.3	12.7	1	123.7	988	6
Golden Harvest	GH3132E3 ↗	E3	3.1	R	82.0	12.3	1	96.7	984	7
Ebberts	282XF ↗	RXF	2.8	R	81.4	12.8	2	104.7	977	8
Genesis	G2960E ↗	E3	2.9	R	80.4	12.5	2	118.3	965	9
Seed Consultants	SC 7311E ↗	E3	3.1	NA	80.3	12.7	3	122.0	964	10
Rupp	RS 31EL00 ↗	E3	3.1	R	80.2	12.6	2	99.0	962	11
Xitavo	XO 3402E ↗	E3	3.4	R	80.1	12.5	2	95.0	961	12
Xitavo	XO 3131E ↗	E3	3.1	R	80.0	13.0	2	116.3	960	13
Credenz	CZ 2760GTLL ↗	LLGT27	2.7	R	79.9	12.7	1	91.0	959	14
Asgrow	AG28XF2 § ↗	RXF	2.8	R	79.8	12.9	2	124.0	958	15
Seed Consultants	SC 7322E ↗	E3	3.2	NA	79.6	12.7	3	114.3	955	16
Golden Harvest	GH3392E3S ↗	E3,ST	3.3	R	79.5	12.7	1	106.7	954	17
FS HiSOY	32E00 ↗	E3	3.2	R	79.5	13.0	1	93.0	954	18
NK Brand	NK29-A5E3 ↗	E3	2.9	MR	78.9	12.6	2	118.0	947	19
NK Brand	NK31-J9XF ↗	RXF	3.1	MR	78.7	12.8	4	114.3	944	20
Apex	AE3310 ↗	E3	3.3	R	78.6	12.9	3	103.0	943	21
Ebberts	E3350 E3 ↗	E3	3.3	R	77.6	13.1	3	114.0	931	22
Golden Harvest	GH2922E3 ↗	E3	2.9	R	77.3	12.3	2	118.0	928	23
Credenz	CZ 3099GTLL ↗	LLGT27	3.1	R	76.5	13.1	2	91.0	918	24
Golden Harvest	GH2818E3 § ↗	E3	2.8	MR	76.2	12.7	2	110.7	914	25
FS HiSOY	34E80 ↗	E3	3.4	R	76.1	13.2	1	114.0	913	26
Apex	AE2920 ↗	E3	2.9	R	76.0	12.8	1	104.7	912	27
Ebberts	E2960 E3 ↗	E3	2.9	R	75.6	12.9	2	118.3	907	28
Pioneer	P30T99E § ↗	E3	3.0	R	75.0	12.8	1	89.0	900	29
Xitavo	XO 2832E ↗	E3	2.8	R	74.5	12.9	2	96.7	894	30

Matt Turner

Matt Turner

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

Averages = **73.5** **12.8** **2** **104.1** **882**

LSD (0.10) = 7.2 ns 2

LSD (0.25) = 3.8 ns 1

C.V. = 9.3

Historic yield: 58.77 bu/a, 4 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

©2021, All rights reserved by Elite Field Genetics, LLC

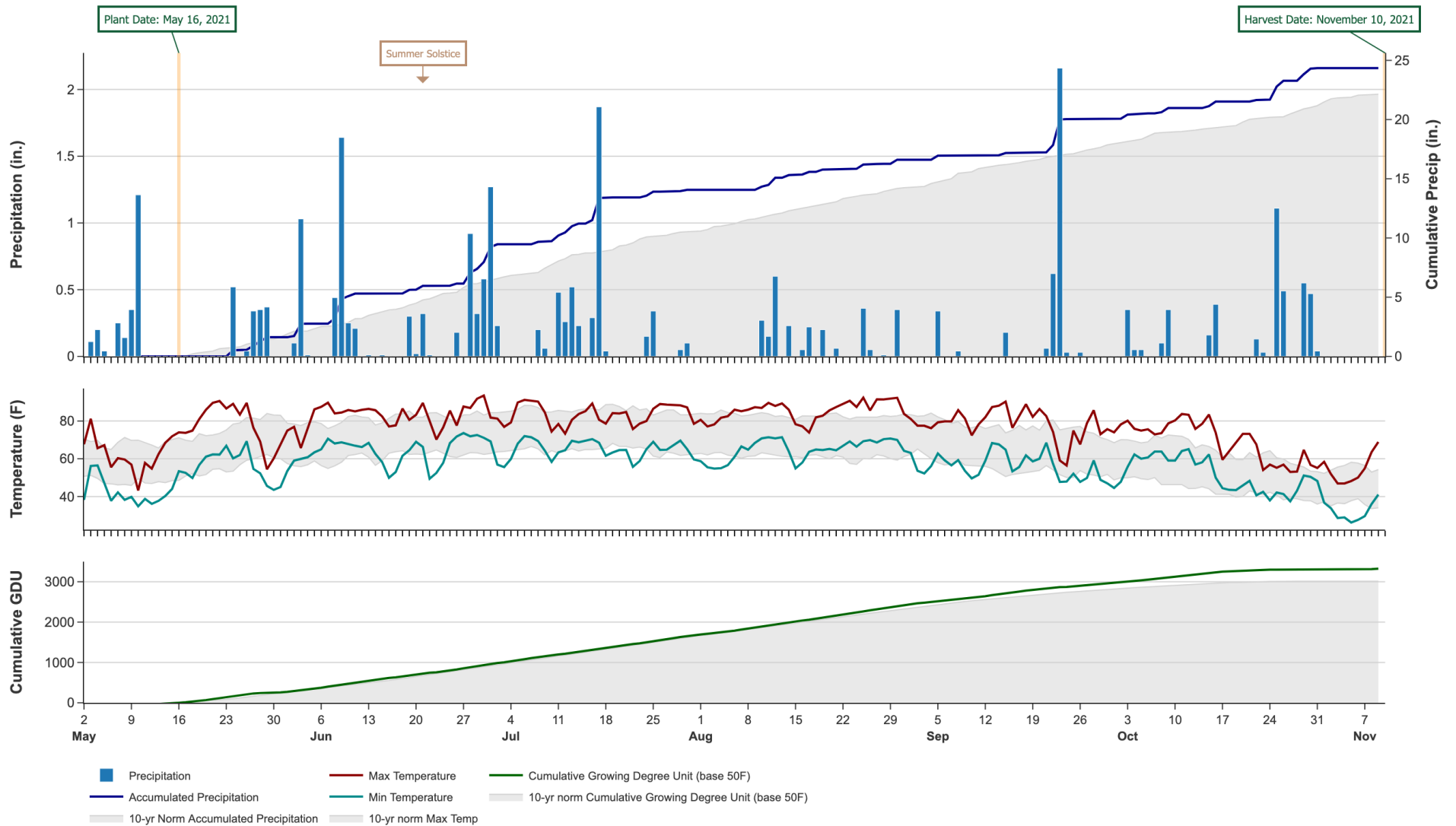
Additional reports available at www.firstseedtests.com

2021 Soybeans - Ohio Northwest [OHNW]

Weather Conditions Summary at TIFFIN, OH

Weather Data Retrieved: 11/11/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	3.9 3.9 (0.0)	6.3 4.7 (+1.7)	6.1 4.3 (+1.8)	2.5 3.7 (-1.1)	3.5 3.6 (-0.2)	4.3 3.3 (+1.0)	0.0 1.0 (-1.0)	26.6 24.4 (+2.2)
GDU Normal (Diff)	351 390 (-39)	684 626 (+57)	732 767 (-35)	754 684 (+69)	527 487 (+39)	359 198 (+160)	9 0 (+9)	3416 3155 (+260)



* 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.

2021 Soybeans - Ohio Northwest [OHNW]

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.