

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

2021 Soybeans Top 30 Harvest Report

Ohio Northwest [OHNW] DELPHOS, OH
Steve Buettner, Allen County, OH

All-Season Test	Maturity Group 2.4 - 3.4 S2021OHNW02
Top 30 of 62	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Round Up
SOIL DESCRIPTION:	Hoytville silty clay, moderately drained, non-irrigated
SOIL CONDITION:	high P, high K, 6.1 pH, 3.0% OM, 18.4 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Sencor, Verdict, Round Up, Flexstar, Zidua
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 22 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 22 132.6 /A

TEST COMMENTS:

This is a very uniform site with a history of good yields and quality plots. Good planting conditions and plenty of soil moisture and warm weather during the beginning of June led to good emergence and early season vigor. Good rains all growing season led to tall beans that were healthy and standing well during harvest. Beans at harvest were large with good quality.

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	75.0	11.4	1	135.3	938	1
FS HiSOY	25E00 ↗	E3	2.5	R	74.9	11.3	1	131.3	936	2
Apex	AE2920 ↗	E3	2.9	R	74.0	11.4	1	135.3	925	3
Pioneer	P31T64E § ↗	E3	3.1	NA	73.7	11.4	1	135.3	921	4
Rupp	RS 28EL98 ↗	E3	2.8	R	73.4	11.5	1	125.7	918	5
Ebberts	E2960 E3 ↗	E3	2.9	R	72.9	11.3	1	135.7	911	6
FS HiSOY	28E10 ↗	E3	2.8	R	72.5	11.3	1	123.7	906	7
Xitavo	XO 2832E ↗	E3	2.8	R	72.5	11.5	1	137.3	906	8
Seed Consultants	SC 7302E ↗	E3	3.0	NA	72.4	11.4	1	131.7	905	9
Xitavo	XO 3131E ↗	E3	3.1	R	72.4	11.4	1	131.3	905	10
Seed Consultants	SC 7322E ↗	E3	3.2	NA	72.1	11.4	1	135.3	901	11
Rupp	RS 31EL00 ↗	E3	3.1	R	72.1	11.3	1	131.3	901	12
Apex	AE3420 ↗	E3	3.4	R	71.9	11.5	1	129.3	899	13
FS HiSOY	34E80 ↗	E3	3.4	R	71.8	11.6	1	129.3	898	14
Stine	24EA12 § ↗	E3	2.4	R	71.3	11.3	1	131.7	891	15
FS HiSOY	33F10 ↗	RXF	3.3	R	71.2	11.5	1	139.0	890	16
Golden Harvest	GH3392E3S ↗	E3,ST	3.3	R	71.1	11.4	1	135.3	889	17
Local Seed	LS2504XFS ↗	RXF	2.5	NA	70.9	11.5	1	137.3	886	18
Ebberts	E3151 E3 ↗	E3	3.1	NA	70.9	11.4	1	139.0	886	19
Seed Consultants	SC 7311E ↗	E3	3.1	NA	70.6	11.4	1	127.5	882	20
NK Brand	NK31-M7E3 § ↗	E3	3.1	R	70.5	11.3	1	139.0	881	21
Ebberts	E3350 E3 ↗	E3	3.3	R	70.5	11.5	1	139.0	881	22
FS HiSOY	27F10 ↗	RXF	2.7	R	70.5	11.4	1	135.3	881	23
Genesis	G2460ES ↗	E3,ST	2.4	R	70.3	11.5	1	135.3	879	24
Credenz	CZ 2760GTLL ↗	LLGT27	2.7	R	70.2	11.4	1	137.3	878	25
Golden Harvest	GH2722XF ↗	RXF	2.7	MR	70.2	11.4	1	118.3	878	26
NK Brand	NK33-R4E3S ↗	E3,ST	3.3	R	70.1	11.3	1	125.7	876	27
Rupp	RS 25EL24 ↗	E3	2.5	R	70.1	11.3	1	131.3	876	28
Asgrow	AG28XF2 § ↗	RXF	2.8	R	69.8	11.4	1	131.3	872	29
Local Seed	IS3371E3 ↗	E3	3.3	NA	69.8	11.5	1	123.7	872	30

Matt Turner

Matt Turner

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

Averages = **69.4** **11.4** **1** **132.6** **867**

LSD (0.10) = 2.5 0.1 ns

LSD (0.25) = 1.3 0.1 ns

C.V. = 3.5

Historic yield: 55.87 bu/a, 1 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$12.50; non-GMO = \$12.50

Report Date: 10/26/2021

† 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

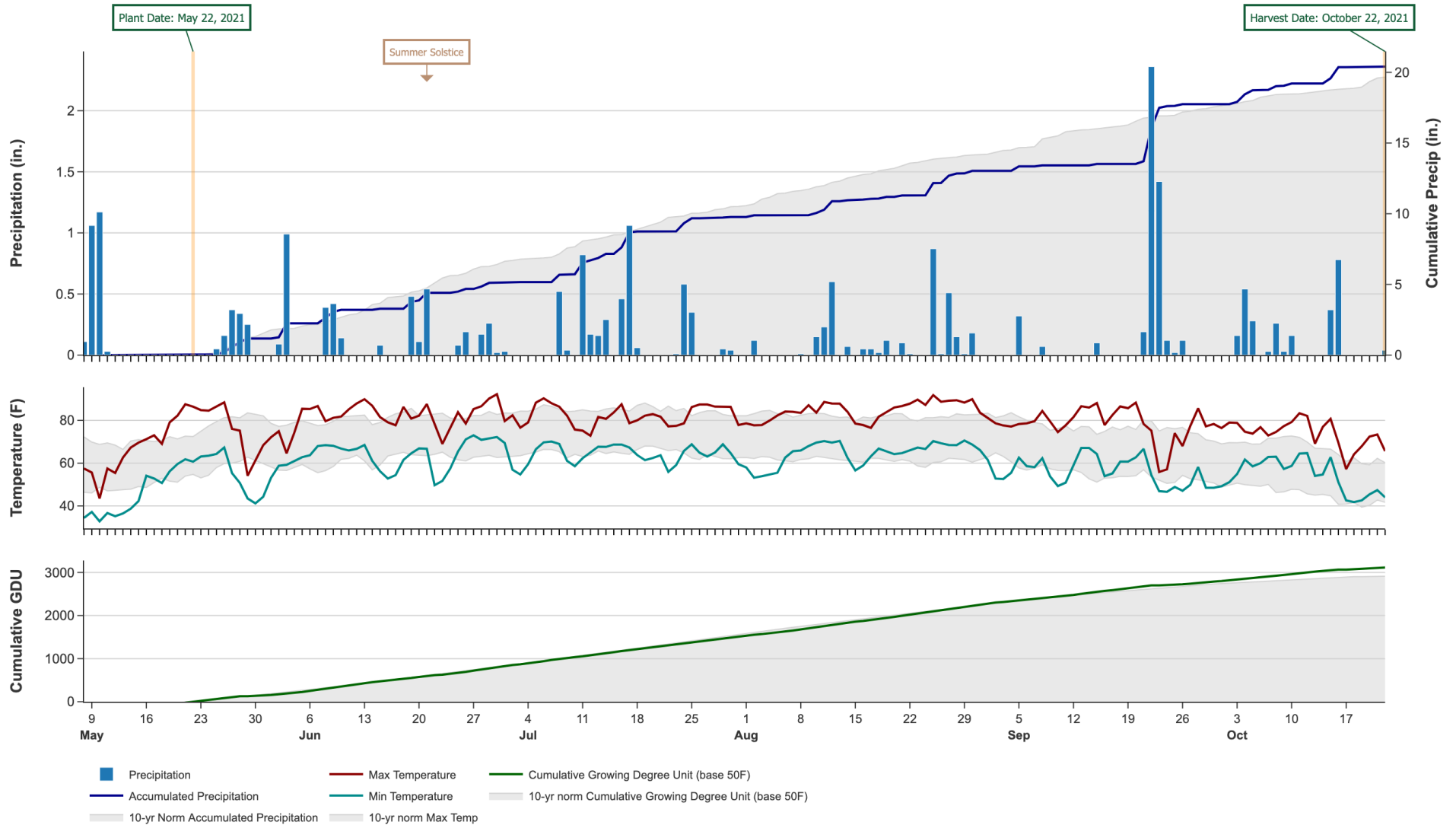
©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com

2021 Soybeans - Ohio Northwest [OHNW]

Weather Conditions Summary at DELPHOS, OH

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.5 4.0 (-0.4)	4.0 4.9 (-0.9)	4.6 4.1 (+0.5)	3.3 3.7 (-0.4)	4.7 3.4 (+1.3)	2.6 2.1 (+0.5)	22.8 22.1 (+0.7)
GDU Normal (Diff)	283 338 (-55)	665 631 (+33)	711 759 (-48)	745 676 (+68)	525 488 (+36)	324 178 (+145)	3253 3073 (+179)



* 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.