

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

2020 Soybeans Top 30 Harvest Report

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

All-Season Test	2.4 - 3.4 Day CRM S2020OHNW02
Top 30 of 53	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Armezon
SOIL DESCRIPTION:	Hoytville silty clay, poorly drained, non-irrigated
SOIL CONDITION:	medium P, high K, 5.6 pH, 3.0% OM, 18.6 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Sencor, Zidua
Applied N-P-K (units):	0-80-150
SEDED - RATE - ROW:	Jun 2 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 10 119.7 /A

TEST COMMENTS:

This plot was planted well and is a good, uniform representation of a northeastern Ohio site. Stands were a little varied in the beginning due to some pre-emergence rains. The site turned dry during the early growing season but did catch some later rains to help with pod fill and bean size. The plot harvested well with little to no lodging or shatter present.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 32E00	E3	3.2	R	64.3	11.1	1	122.0	675	1
PIONEER	P33A24X §	RRX	3.3	R	62.9	9.4	1	116.0	660	2
BURTC	STRIKE 339XR2	RRX	3.3	NA	62.9	10.7	1	118.0	660	3
LOCAL SEED	ZS3496GL	LLGT27	3.4	R	62.6	10.3	1	122.3	657	4
EBBERTS	E3350 E3	E3	3.3	R	62.6	11.8	1	120.3	657	5
FS HISOY	HS 34X60	RRX	3.4	R	61.4	11.1	1	106.3	645	6
DONMARIO	DM 31X61	RRX	3.1	R	60.9	10.0	1	114.3	639	7
NK BRAND	S33-2E3 §	E3	3.3	NA	60.8	11.1	1	114.0	638	8
EBBERTS	E3151 E3	E3	3.1	NA	60.6	10.1	1	116.3	636	9
PIONEER	P28A42X §	RRX	2.8	NA	59.6	9.5	1	118.3	626	10
EBBERTS	330R2X	RRX	3.3	R	59.5	11.5	1	129.7	625	11
GENESIS	G3350E	E3	3.3	R	59.2	10.9	1	112.3	622	12
GENESIS	G3151E	E3	3.1	R	59.2	9.2	1	120.3	622	13
STINE	28EA02 §	E3	2.8	NA	58.8	9.3	1	118.0	617	14
APEX	AE3310	E3	3.3	R	58.8	11.8	1	118.0	617	15
LOCAL SEED	LS3207XS	RRX,ST	3.2	R	58.7	11.3	1	130.0	616	16
BURTC	STRIKE 1310 EN	E3	3.1	MR	58.4	10.6	1	114.0	613	17
RUPP	28BG90	LLGT27	2.8	NA	57.6	9.3	1	131.7	605	18
ASGROW	AG33X0 §	RRX	3.3	R	57.3	9.9	1	123.7	602	19
APEX	AE3111	E3	3.1	R	57.1	9.5	1	118.0	600	20
PARTNERS BRAND	PB3321E3	E3	3.3	MR	57.0	12.3	1	108.7	598	21
LOCAL SEED	LS3205GL	LLGT27	3.2	R	56.7	9.6	1	120.0	595	22
ASGROW	AG26X8 §	RRX	2.6	R	56.1	9.3	1	120.0	589	23
ASGROW	AG27X0 §	RRX	2.7	R	56.0	9.2	1	129.7	588	24
RUPP	33XT32	RRX	3.3	NA	55.9	10.8	1	127.7	587	25
PIONEER	P31A95BX §	RRX	3.1	NA	55.5	9.9	1	129.3	583	26
FS HISOY	HS 32X90	RRX	3.2	R	55.4	11.0	1	112.3	582	27
STINE	33EC02 §	E3	3.3	R	55.3	13.1	1	110.3	581	28
NK BRAND	S31-E3S §	E3,ST	3.1	MR	55.3	9.9	1	122.0	581	29
GOLDEN HARVEST	GH3088X	RRX	3.0	R	55.3	9.4	1	118.0	581	30

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Averages = **56.0** **10.3** **1** **119.7** **588**

LSD (0.10) = 4.7 0.5 ns

LSD (0.25) = 2.5 0.3 ns

C.V. = 8.0

Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$10.50; non-GMO = \$11.00

Report Date: 10/23/2020

† 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

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2020 Soybeans - Ohio Northwest [OHNW]

All-Season Test Products (53 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE3111	E3	R	3.1	CMBV,SA
APEX	AE3310	E3	R	3.3	CMBV,SA
ASGROW	AG26X8 §	RRX	R	2.6	ACi
ASGROW	AG27X0 §	RRX	R	2.7	ACi,IL
ASGROW	AG30X8 §	RRX	R	3.0	ACi,IL
ASGROW	AG33X0 §	RRX	R	3.3	ACi,IL
BURTCH	STRIKE 1310 EN	E3	MR	3.1	CMBV
BURTCH	STRIKE 1340 EN	E3	MR	3.4	CMBV
BURTCH	STRIKE 339XR2	RRX	NA	3.3	CMBV
DONMARIO	DM 31X61	RRX	R	3.1	CMBV,SA
EBBERTS	301R2X	RRX	NA	3.0	IS,Ri
EBBERTS	330R2X	RRX	R	3.3	IS,Ri
EBBERTS	351R2X	RRX	R	3.4	IS,Ri
EBBERTS	E3151 E3	E3	NA	3.1	IS,Ri
EBBERTS	E3350 E3	E3	R	3.3	IS,Ri
EBBERTS	E3540 E3	E3	R	3.4	IS,Ri
FS HISOY	HS 24X80	RRX	R	2.4	ACi,SA
FS HISOY	HS 25E00	E3	R	2.5	ACi,SA
FS HISOY	HS 30X00	RRX	R	3.0	ACi,SA
FS HISOY	HS 32E00	E3	R	3.2	ACi,SA
FS HISOY	HS 32X90	RRX	R	3.2	ACi,SA
FS HISOY	HS 34E80	E3	R	3.4	ACi,SA
FS HISOY	HS 34X60	RRX	R	3.4	ACi,SA
GENESIS	G2550E	E3	R	2.5	CMBV,SA
GENESIS	G2750E	E3	R	2.7	CMBV,SA
GENESIS	G3040E	E3	R	3.0	CMBV,SA
GENESIS	G3151E	E3	R	3.1	CMBV,SA
GENESIS	G3350E	E3	R	3.3	CMBV,SA
GOLDEN HARVEST	GH2552X	RRX	MR	2.5	CMBV,SA
GOLDEN HARVEST	GH2788X	RRX	R	2.7	CMBV,SA
GOLDEN HARVEST	GH2818E3 §	E3	MR	2.8	CMBV,SA
GOLDEN HARVEST	GH3088X	RRX	R	3.0	CMBV,SA
LOCAL SEED	LS3005E3	E3	R	3.0	RP
LOCAL SEED	LS3205GL	LLGT27	R	3.2	RP
LOCAL SEED	LS3207XS	RRX,ST	R	3.2	RP
LOCAL SEED	ZS2898GL	LLGT27	R	2.8	RP

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
LOCAL SEED	ZS3496GL	LLGT27	R	3.4	RP
NK BRAND	S25-2E3	E3	NA	2.5	CMBV,SA
NK BRAND	S28-E3	E3	MR	2.8	CMBV,SA
NK BRAND	S31-E3S §	E3,ST	MR	3.1	CMBV,SA
NK BRAND	S33-2E3 §	E3	NA	3.3	CMBV,SA
NK BRAND	S33-D7X	RRX	R	3.3	CMBV,SA
PARTNERS BRAND	PB3321E3	E3	MR	3.3	A2020
PARTNERS BRAND	PB3419E3	E3	MR	3.4	A2020
PIONEER	P28A42X §	RRX	NA	2.8	Untreated
PIONEER	P31A22X §	RRX	R	3.1	NA
PIONEER	P31A95BX §	RRX	NA	3.1	Untreated
PIONEER	P33A24X §	RRX	R	3.3	Untreated
RUPP	28BG90	LLGT27	NA	2.8	NA
RUPP	33XT32	RRX	NA	3.3	NA
STINE	24EA12 §	E3	R	2.4	YPP,T
STINE	28EA02 §	E3	NA	2.8	YPP,T
STINE	33EC02 §	E3	R	3.3	YPP,T

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®
RRX	Roundup Ready 2 Xtend®
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	Acceleron Standard fungicide + insecticide, Saltro
CMBV	CruiserMaxx Beans, Vibrance
CMBV,SA	Cruisermaxx, Vibrance, Saltro
IS,Ri	Intego Suite, Rizolex
RP	Radius Premium (Local Seed Co)
Untreated	No seed treatment
YPP,T	YP Pro™, Trilex®

** Seed treatments may include unspecified plant health promoting components.