

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

2024 Soybeans Top 30 Harvest Report

Ohio Northwest [OHNW] DELTA, OH
Ryan Gorey, Fulton County, OH

All-Season Test	Maturity Group 2.4 - 3.4 S2024OHNW02
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist, Roundup
SOIL DESCRIPTION:	Hoytville clay loam, poorly drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 6.9 pH, 2.9% OM, 14.6 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Enlist, Roundup, Aframe Fungicide, Warrior 2 Insecticide
FERTILITY - Applied N:	100 lb gypsum lime
Applied N-P-K (units):	0-0-120
SEEDED - RATE - ROW:	May 13 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 7 129.2 /A

TEST COMMENTS:

This is a new northwest Ohio soybean testing location for the 2024 season. The site is very uniform and planted well in mid-May. Good moisture after planting helped establish good emergence and stands within plots. Plants grew well during early summer but seemed to stall out later in the season due to lack of rain. There was small bean size at harvest, due to a very dry late summer, which cut into yield potential.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Ebberts	E2980 E3 ↗	E3,ST	2.9	M	66.6	11.0	1	128.3	699	1
Partners Brand	PB 2524 E3 GC ↗	E3	2.5	R	66.6	10.8	1	128.7	699	2
Seed Consultants	SC7315E ↗	E3	3.1	M	62.9	10.8	1	128.3	660	3
Ebberts	E3171 E3 ↗	E3,ST	3.1	M	62.7	10.8	1	131.0	658	4
Ebberts	E3580 E3 ↗	E3,ST	3.4	M	61.8	10.7	1	130.0	649	5
Seed Consultants	SC7293E ↗	E3	2.9	M	61.5	10.7	1	129.3	646	6
Ebberts	E3380 E3 ↗	E3	3.3	PK	61.5	10.9	1	126.7	646	7
Pioneer	P31A73E § ↗	E3	3.1	R	60.8	10.7	1	129.3	638	8
Fortus	3005ES ↗	E3,ST	3.0	M	60.8	10.8	1	128.7	638	9
Xitavo	XO 3224E ↗	E3	3.2	PK	59.9	10.8	1	128.7	629	10
Connect	CT3025E § ↗	E3	3.0	PK	59.8	10.8	1	132.3	628	11
Fortus	2445E ↗	E3	2.4	M	59.8	10.8	1	127.7	628	12
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	59.2	10.5	1	126.0	622	13
NK Brand	NK33-Y7E3S ↗	E3,ST	3.3	PK	59.2	10.8	1	128.0	622	14
Golden Harvest	GH3355E3S § ↗	E3,ST	3.3	PK	58.4	10.8	1	130.0	613	15
Golden Harvest	GH3035E3 ↗	E3	3.0	M	58.4	10.9	1	128.0	613	16
Xitavo	XO 2832E ↗	E3	2.8	M	57.8	10.9	1	130.3	607	17
Partners Brand	PB 3024-E3S GC ↗	E3,ST	3.0	R	57.6	10.8	1	130.0	605	18
NK Brand	NK26-M6E3 ↗	E3	2.6	M	57.4	10.9	1	130.3	603	19
Stine	31EF02 § ↗	E3	3.1	M	57.2	10.9	1	128.7	601	20
Pioneer	P33A85E § ↗	E3	3.3	NA	57.1	10.7	1	131.3	600	21
Fortus	3394E ↗	E3	3.3	PK	57.1	10.7	1	129.3	600	22
Golden Harvest	GH2814E3S ↗	E3,ST	2.8	M	57.1	10.7	1	129.3	600	23
Xitavo	XO 3014E ↗	E3,ST	3.0	M	57.0	10.8	1	129.0	598	24
Ebberts	E2570 E3 ↗	E3,ST	2.5	M	56.9	10.7	1	128.7	597	25
NK Brand	NK28-B9E3S ↗	E3,ST	2.8	M	56.9	10.8	1	127.7	597	26
Seed Consultants	SC7285E ↗	E3	2.8	PK	56.7	10.6	1	131.0	595	27
DONMARIO	DM24E84 ↗	E3	2.4	M	56.7	10.8	1	126.7	595	28
Rob-See-Co	IS3188E3 GC ↗	E3	3.1	R	56.7	10.7	1	127.3	595	29
Fortus	2775E ↗	E3	2.7	PK	56.6	10.7	1	127.0	594	30

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Averages = **57.1** **10.8** **1** **129.2** **598**

LSD (0.10) = 4.7 0.1 ns

LSD (0.25) = 2.5 0.1 ns

C.V. = 7.8

Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$10.50; non-GMO = \$10.50

Report Date: 10/08/2024

† 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 exceeded 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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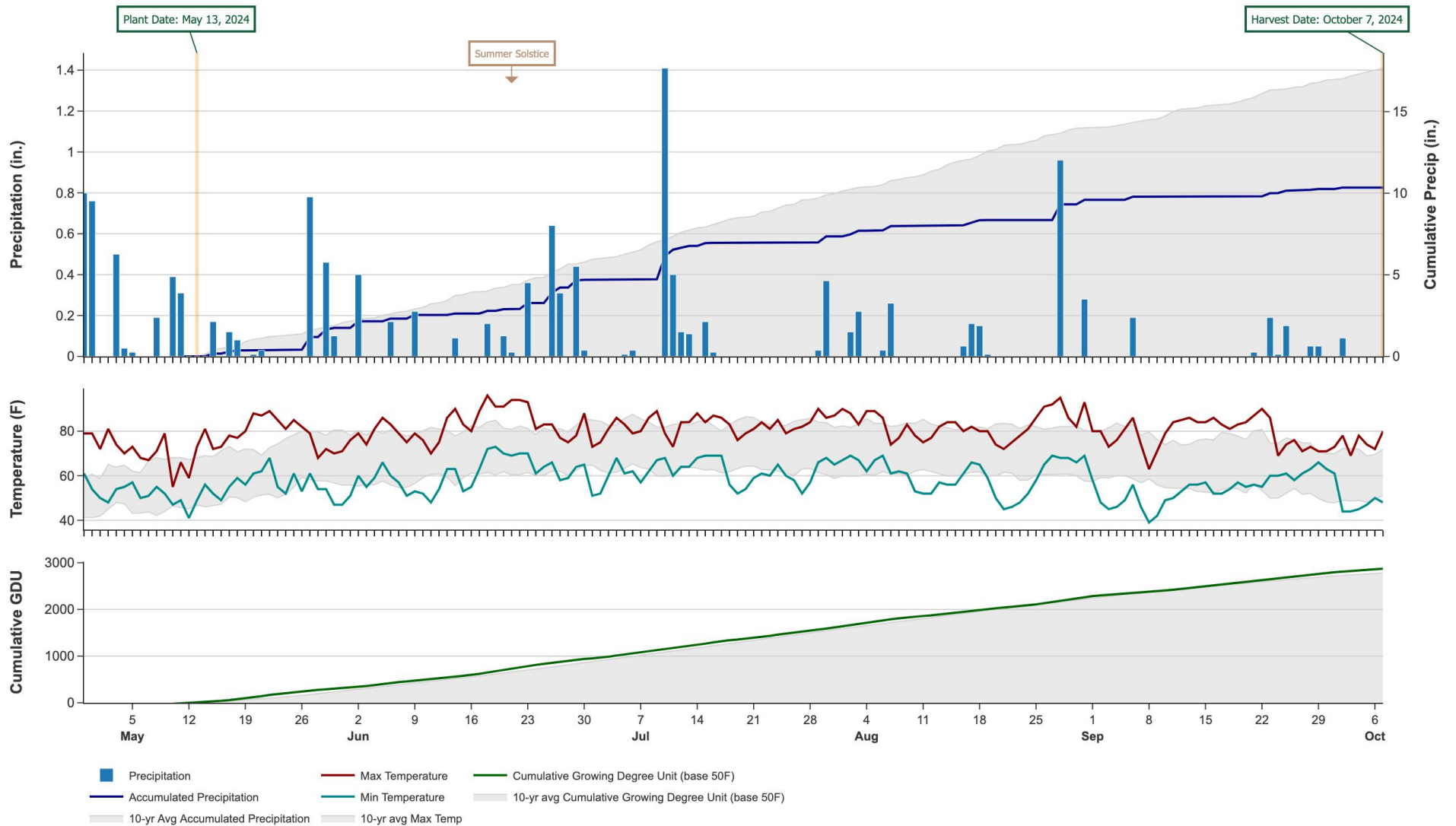
Additional reports available at www.firstseedtests.com

2024 Soybeans - Ohio Northwest [OHNW]

Weather Conditions Summary at DELTA, OH

Weather Data Retrieved: 10/08/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.6 0.4 (+1.2)	3.2 4.0 (-0.8)	2.9 3.7 (-0.8)	2.7 4.2 (-1.5)	2.2 4.0 (-1.8)	0.7 2.9 (-2.3)	0.1 0.7 (-0.6)	13.4 20.0 (-6.6)
GDU Avg (Diff)	36 9 (+26)	452 351 (+100)	630 599 (+30)	674 715 (-41)	652 664 (-12)	512 475 (+36)	92 73 (+18)	3048 2890 (+157)



* 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.
Connect	CT2925E §	E3	PK	2.9	ACi
Connect	CT3025E §	E3	PK	3.0	ACi
Connect	CT3425E §	E3	M	3.4	ACi
DONMARIO	DM24E84	E3	M	2.4	F,I,B
Ebberts	E2570 E3	E3,ST	M	2.5	F,I
Ebberts	E2790 E3	E3	PK	2.7	F,I
Ebberts	E2980 E3	E3,ST	M	2.9	F,I
Ebberts	E3171 E3	E3,ST	M	3.1	F,I
Ebberts	E3380 E3	E3	PK	3.3	F,I
Ebberts	E3580 E3	E3,ST	M	3.4	F,I
Fortus	2445E	E3	M	2.4	AC, SU
Fortus	2775E	E3	PK	2.7	AC, SU
Fortus	3005ES	E3,ST	M	3.0	AC, SU
Fortus	3394E	E3	PK	3.3	AC, SU
FS HiSOY	HS 25E30	E3	PK	2.5	ACi,SA
FS HiSOY	HS 28E10	E3	M	2.8	ACi,SA
FS HiSOY	HS 29E40	E3	PK	2.9	ACi,SA
FS HiSOY	HS 30E40	E3,ST	M	3.0	ACi,SA
FS HiSOY	HS 31E20	E3,ST	M	3.1	ACi,SA
FS HiSOY	HS 33E20	E3,ST	M	3.3	ACi,SA
FS HiSOY	HS 34E40	E3	PK	3.4	ACi,SA
Golden Harvest	GH2814E3S	E3,ST	M	2.8	CMB-APX,SA
Golden Harvest	GH3035E3	E3	M	3.0	CMB-APX,SA
Golden Harvest	GH3355E3S §	E3,ST	PK	3.3	CMB-APX,SA
Golden Harvest	GH3415E3S §	E3,ST	M	3.4	CMB-APX,SA
Great Heart	GT-2944E	E3	R	2.9	Gr+
Great Heart	GT-3337E	E3	R	3.3	Gr+
NK Brand	NK26-M6E3	E3	M	2.6	CMB-APX,SA
NK Brand	NK28-B9E3S	E3,ST	M	2.8	CMB-APX,SA
NK Brand	NK30-A9E3 §	E3	M	3.0	CMB-APX,SA
NK Brand	NK33-Y7E3S	E3,ST	PK	3.3	CMB-APX,SA
Partners Brand	PB 2524 E3 GC	E3	R	2.5	A3030
Partners Brand	PB 3024-E3S GC	E3,ST	R	3.0	A3030
Pioneer	P31A73E §	E3	R	3.1	Untreated
Pioneer	P33A85E §	E3	NA	3.3	Untreated
Pioneer	P34T21SE §	E3,ST	R	3.4	Untreated
Rob-See-Co	IS3188E3 GC	E3	R	3.1	Fo
Seed Consultants	SC7285E	E3	PK	2.8	Lum, LumT, IL
Seed Consultants	SC7293E	E3	M	2.9	Lum, LumT, IL
Seed Consultants	SC7315E	E3	M	3.1	Lum, LumT, IL
Seed Consultants	SC7332E	E3	PK	3.3	Lum, LumT, IL
Stine	25EG23 §	E3	M	2.5	TFX1,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Stine	27EG22 §	E3	PK	2.7	TFX1,SA
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Xitavo	XO 2832E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	M	3.0	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	PK	3.2	PV,IL,OB,Rey
Xitavo	XO 3375E	E3	M	3.3	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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
A3030	Alert 3030 - Partners brand
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Salto®
AC, SU	Acceleron standard+ StepUp
CMB-APX,SA	CruiserMaxx® APX with Salto®
F,I	Fungicide, Insecticide
F,I,B	Fungicide, Insecticide, Biological
Fo	Fortify Insecticide-Fungicide (Rob-See-Co)
Gr+	Great Start Max Plus (Great Heart Seed)
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Salto
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.