

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

2024 Soybeans Top 30 Harvest Report

Indiana North [INNO] HOWE, IN
Partners Brand Seed Co., Dustin Pagels, Lagrange County,
IN

All-Season Test	Maturity Group 2.4 - 3.4 S2024INNO08
Top 30 of 75	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron
SOIL DESCRIPTION:	Shipshe sandy loam, well drained, irrigated
SOIL CONDITION:	very high P, very high K, 6.3 pH, 1.4% OM, 7.9 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Authority Max, Sinister, Clethodin, Odyssey Fungicide, Sultrus Insecticide
FERTILITY - Applied N:	25 Spring, 3 Foliar Rescue, 1 gal Coron 25 used
Applied N-P-K (units):	28-0-120
SEEDED - RATE - ROW:	May 19 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 10 126.0 /A

TEST COMMENTS:

This is our northern Indiana irrigated location that has had some white mold pressure in the past. The site had good emergence after planting and looked good through mid-summer. Some white mold appeared later in the season but was not as prevalent as in years past and not as widespread. The site cut well at harvest with some green stems in places with beans being on the dry side.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK28-B9E3S § ↗	E3,ST	2.8	M	84.9	10.9	1	126.5	921	1
Xitavo	XO 3375E ↗	E3	3.3	M	79.9	10.9	1	121.0	866	2
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	74.2	11.0	1	129.3	805	3
Stine	31EF02 § ↗	E3	3.1	M	74.0	10.9	1	126.3	803	4
Fortus	3394E ↗	E3	3.3	PK	73.7	11.1	1	132.3	800	5
Wyckoff	W2695E3 ↗	E3	2.6	M	73.2	11.0	1	126.3	794	6
Apex	AE3131S ↗	E3,ST	3.1	M	73.1	11.0	1	126.3	793	7
Dyna-Gro	S31EN14 ↗	E3	3.1	M	73.0	11.0	1	124.3	792	8
Partners Brand	PB 3024-E3S GC ↗	E3,ST	3.0	R	72.8	10.7	1	125.0	790	9
Wyckoff	W3190E3 ↗	E3	3.1	M	71.9	10.9	1	126.0	780	10
NK Brand	NK23-P1E3 ↗	E3	2.3	PK	71.8	11.2	1	127.7	779	11
NK Brand	NK26-M6E3 ↗	E3	2.6	M	71.5	11.1	1	128.7	776	12
Fortus	2775E ↗	E3	2.7	PK	69.5	10.8	1	127.0	754	13
Ebberts	E2790 E3 ↗	E3	2.7	PK	69.3	10.8	1	128.3	752	14
Fortus	3005ES ↗	E3,ST	3.0	M	69.0	10.9	1	127.7	749	15
Ebberts	E2570 E3 ↗	E3,ST	2.5	M	68.0	10.9	1	128.0	738	16
FS HiSOY	HS 33E20 ↗	E3,ST	3.3	M	67.8	10.6	1	127.0	736	17
Stine	27EG22 § ↗	E3	2.7	PK	67.4	10.7	1	127.0	731	18
Connect	CT3223E ↗	E3	3.2	PK	67.2	10.8	1	129.3	729	19
Golden Harvest	GH2674E3 § ↗	E3	2.6	M	66.8	11.0	1	125.0	725	20
Connect	CT2925E ↗	E3	2.9	PK	66.6	11.1	1	126.7	723	21
Ebberts	E2980 E3 ↗	E3,ST	2.9	M	66.6	10.8	1	127.7	723	22
Dairyland	DSR-2633E ↗	E3	2.6	M	66.2	10.7	1	125.7	718	23
Dairyland	DSR-3006E ↗	E3	3.0	M	65.9	10.9	1	123.0	715	24
Wyckoff	W2570E3 ↗	E3	2.5	PK	65.8	10.9	1	126.7	714	25
Partners Brand	2725E3P GC ↗	E3	2.7	NA	65.7	10.8	1	125.0	713	26
Partners Brand	PB 2524 E3 GC ↗	E3	2.5	R	65.7	10.9	1	129.0	713	27
Pioneer	P31A73E § ↗	E3	3.1	R	65.6	11.1	1	126.7	712	28
Purple Ribbon	28E25 ↗	E3	2.9	M	65.3	10.8	1	127.7	709	29
FS HiSOY	HS 28E10 ↗	E3	2.8	M	65.0	11.1	1	126.7	705	30

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Averages = **64.3** **11.0** **1** **126.0** **700**

LSD (0.10) = 6.7 0.2 1

LSD (0.25) = 3.5 0.1 0

C.V. = 10.0

Historic yield: 64.58 bu/a, 12 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$10.85; non-GMO = \$10.85

Report Date: 10/10/2024

† 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 exceed 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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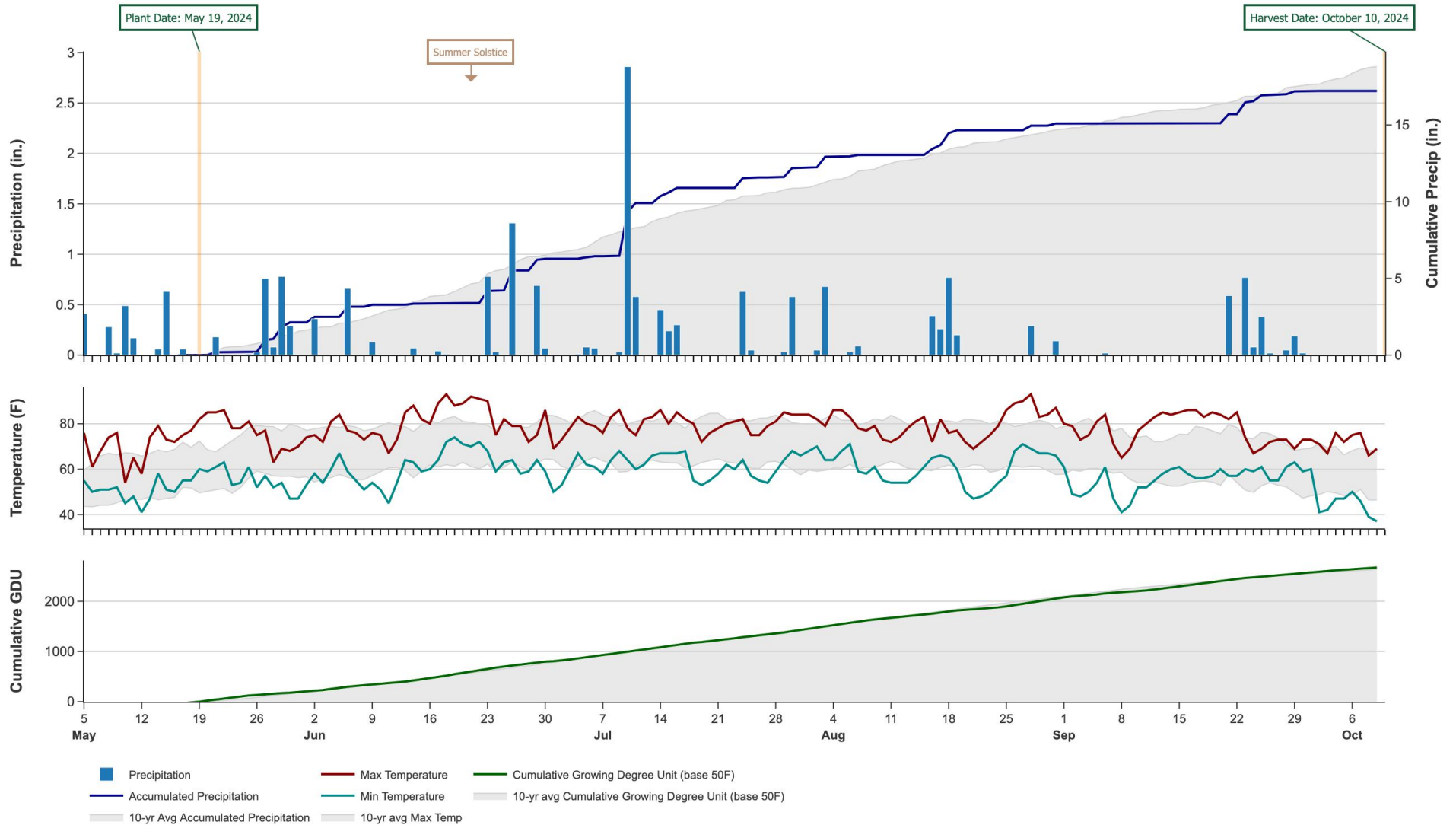
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2024 Soybeans - Indiana North [INNO]

Weather Conditions Summary at HOWE, IN

Weather Data Retrieved: 10/10/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.2 3.6 (+0.7)	4.2 5.0 (-0.8)	5.9 4.4 (+1.5)	2.9 3.8 (-0.9)	2.1 2.9 (-0.8)	0.0 1.2 (-1.2)	19.3 20.8 (-1.5)
GDU Avg (Diff)	366 309 (+56)	608 582 (+25)	632 684 (-52)	630 642 (-12)	510 460 (+49)	102 85 (+16)	2848 2764 (+83)



* 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 (75 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2940S	E3,ST	M	2.9	PU
Apex	AE2950	E3	PK	2.9	PU
Apex	AE3131S	E3,ST	M	3.1	PU
Apex	AE3340	E3	PK	3.3	PU
Connect	CT2424E §	E3	M	2.4	ACi
Connect	CT2824E §	E3	M	2.8	ACi
Connect	CT2925E	E3	PK	2.9	ACi
Connect	CT3025E	E3	PK	3.0	ACi
Connect	CT3223E	E3	PK	3.2	ACi
Connect	CT3324E §	E3	PK	3.3	ACi
Connect	CT3425E	E3	M	3.4	ACi
Dairyland	DSR-2633E	E3	M	2.6	Lum, LumT, IL
Dairyland	DSR-2838E	E3	M	2.8	Lum, LumT, IL
Dairyland	DSR-3006E	E3	M	3.0	Lum, LumT, IL
Dairyland	DSR-3208E	E3	M	3.2	Lum, LumT, IL
DONMARIO	DM24E84	E3	M	2.4	F,I,B
Dyna-Gro	S25EN74	E3	PK	2.5	PLTM
Dyna-Gro	S29ES45	E3,ST	M	2.9	PLTM
Dyna-Gro	S31EN14	E3	M	3.1	PLTM
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
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	GH2674E3 §	E3	M	2.6	CMB-APX,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
Great Heart	GT-2944E	E3	R	2.9	Gr+
Great Heart	GT-3337E	E3	R	3.3	Gr+

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NK Brand	NK23-P1E3	E3	PK	2.3	Untreated
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	NK33-Y7E3S	E3,ST	PK	3.3	CMB-APX,SA
Partners Brand	2725E3P GC	E3	NA	2.7	A3030
Partners Brand	3324E3P GC	E3	NA	3.3	A3030
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
Purple Ribbon	28E25	E3	M	2.9	ACi
Purple Ribbon	31E25	E3	M	3.1	ACi
Purple Ribbon	33E25	E3	B	3.3	ACi
Stine	25EG23 §	E3	M	2.5	TFX1,SA
Stine	27EG22 §	E3	PK	2.7	TFX1,SA
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Wyckoff	W2570E3	E3	PK	2.5	WyK
Wyckoff	W2695E3	E3	M	2.6	WyK
Wyckoff	W2790E3	E3,ST	PK	2.7	WyK
Wyckoff	W2895E3	E3,ST	M	2.8	WyK
Wyckoff	W2980E3	E3,ST	MR	2.9	WyK
Wyckoff	W3190E3	E3	M	3.1	WyK
Wyckoff	W3380E3	E3	PK	3.3	WyK
Wyckoff	W3590E3	E3,ST	M	3.4	WyK
Xitavo	XO 2625E	E3	M	2.6	PV,IL,OB,Rey
Xitavo	XO 2735E	E3	M	2.7	PV,IL,OB,Rey
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2985E	E3	M	2.9	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	M	3.0	PV,IL,OB,Rey
Xitavo	XO 3105E	E3	M	3.1	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, Saltro®
AC, SU	Acceleron standard+ StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
F,I	Fungicide, Insecticide
F,I,B	Fungicide, Insecticide, Biological
Gr+	Great Start Max Plus (Great Heart Seed)
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PLTM	DynaGro PLTM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment
WyK	WyCKOAT fueled by Soy-Defense (Wyckoff Hybrids)

* Seed treatments may include unspecified plant health promoting components.