

Test by: Bottomline Seed Solutions, LLC Effingham, IL

## 2024 Soybeans Top 30 Harvest Report


Indiana Central [INCE] GREENCASTLE, IN  
Issac Hilburn, Putnam County, IN

<b>All-Season Test</b>	Maturity Group <b>2.8 - 3.8</b> S2024INCE02
<b>Top 30 of 72</b>	For Gross Income (Sorted by Yield) Average of (2) Replications
<b>PREV. CROP/HERB:</b>	Corn / Roundup, Atrazine, Surestart
<b>SOIL DESCRIPTION:</b>	Reesville silt loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.7 pH, 3.0% OM, 11.3 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	2,4-D, Liberty, Authority, Roundup, Enlist
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 8 139.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 9 98.6 /A

### TEST COMMENTS:

*This no-till location was planted in May in fairly heavy conditions. Emergence was good. Early season rainfall was adequate but shut off in late August. Plants were medium in height and there was no lodging in this test. Good overall yields for the conditions. One replicate was removed due to higher yield variability there.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Martin	M354-E3 GC ↗	E3	3.5	M	<b>80.7</b>	11.3	1	100.0	797	1
Pioneer	P37A18E § ↗	E3	3.7	MR	<b>78.1</b>	12.0	1	90.5	772	2
Ebberts	E3580 E3 ↗	E3,ST	3.4	M	<b>76.7</b>	12.7	1	104.5	758	3
Asgrow	AG38XF3 § ↗	RXF	3.8	R	<b>76.4</b>	11.9	1	109.0	755	4
Golden Harvest	GH3774E3 § ↗	E3	3.7	M	<b>74.7</b>	12.8	1	104.5	738	5
FS HiSOY	HS 34F30 ↗	RXF	3.4	M	<b>74.5</b>	10.2	1	72.0	736	6
FS HiSOY	HS 36E40 ↗	E3,ST	3.6	M	74.2	11.5	1	79.0	733	7
Golden Harvest	GH3655E3S ↗	E3,ST	3.6	M	73.4	12.9	1	100.0	725	8
Xitavo	XO 3224E ↗	E3	3.2	PK	73.1	11.9	1	91.0	722	9
Asgrow	AG35XF4 GC ↗	RXF	3.5	R	72.4	12.0	1	109.5	715	10
Dairyland	DSR-3612E ↗	E3	3.6	M	71.7	10.7	1	104.5	708	11
Superior	36E04 GC ↗	E3	3.6	R	71.5	13.5	1	83.5	706	12
Ebberts	E3380 E3 ↗	E3	3.3	PK	71.4	11.9	1	97.5	704	13
Superior	S37E15 GC ↗	E3	3.7	R	70.7	14.0	1	109.0	699	14
Golden Harvest	GH3355E3S § ↗	E3,ST	3.3	PK	70.5	11.8	1	109.0	697	15
Ebberts	E3171 E3 ↗	E3,ST	3.1	M	70.2	10.7	1	88.5	694	16
Martin	M335-E3 GC ↗	E3	3.3	MR	70.2	11.9	1	102.5	694	17
Dairyland	DSR-3528E ↗	E3	3.5	M	69.7	11.5	1	116.0	689	18
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	69.5	11.1	1	86.0	687	19
Apex	AE3550S ↗	E3,ST	3.5	M	69.4	11.2	1	104.5	686	20
FS HiSOY	HS 34E40 ↗	E3	3.4	PK	69.1	12.7	1	104.5	683	21
DONMARIO	DM36E94 ↗	E3	3.6	M	69.0	11.6	1	114.0	682	22
Fortus	3394E ↗	E3	3.3	PK	68.9	10.6	1	88.5	681	23
Apex	AE3850 ↗	E3	3.8	M	68.4	12.1	1	65.0	675	24
Xitavo	XO 2865E ↗	E3	2.8	M	68.1	9.8	1	93.0	673	25
Fortus	3665E ↗	E3	3.6	M	68.0	12.4	1	91.0	672	26
Great Heart	GT-3614XF ↗	RXF	3.6	R	67.9	10.9	1	130.0	671	27
Fortus	3815E ↗	E3	3.8	M	67.8	11.5	1	76.5	670	28
Dyna-Gro	S37XF15 ↗	RXF	3.7	M	67.7	11.1	1	72.0	669	29
Fortus	3005ES ↗	E3,ST	3.0	M	67.6	10.8	1	105.0	667	30

 Klinton Tucker klint@whatssmokin.net, (309) 712-1406	Averages =	<b>65.6</b>	<b>11.7</b>	<b>1</b>	<b>98.6</b>	<b>648</b>
	LSD (0.10) =	8.9	ns	ns		
	LSD (0.25) =	4.7	ns	ns		
	C.V. =	10.5				Historic yield: 60.86 bu/a, 5 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$9.88

Report Date: Oct. 11, 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](http://www.firstseedtests.com)

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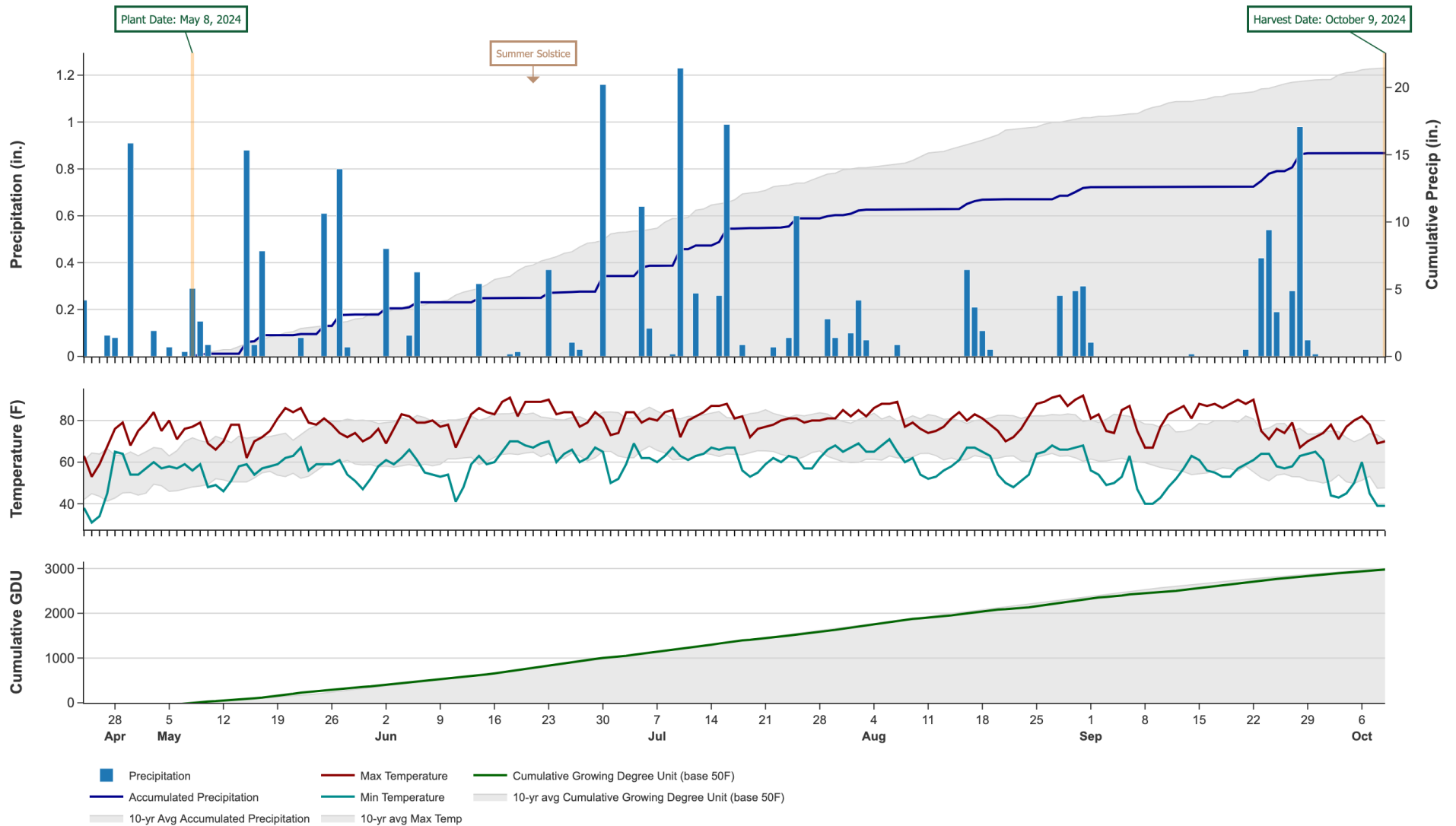
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# 2024 Soybeans - Indiana Central [ INCE ]

## Weather Conditions Summary at GREENCASTLE, IN

Weather Data Retrieved: 11/04/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	1.3   1.2 (+0.1)	3.6   4.3 (-0.8)	2.9   5.4 (-2.6)	4.5   5.2 (-0.7)	2.0   3.9 (-1.9)	2.6   2.8 (-0.2)	0.0   0.9 (-0.9)	16.9   23.8 (-6.9)
GDU   Avg (Diff)	68   48 (+19)	504   402 (+101)	637   639 (-2)	650   716 (-66)	663   673 (-10)	536   521 (+14)	125   107 (+17)	3183   3109 (+73)



\* 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.

## 2024 Soybeans - Indiana Central [ INCE ]

### All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2950	E3	PK	2.9	PU
Apex	AE3340	E3	PK	3.3	PU
Apex	AE3550S	E3,ST	M	3.5	PU
Apex	AE3850	E3	M	3.8	PU
Asgrow	AG30XF4 GC	RXF	R	3.0	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG35XF4 GC	RXF	R	3.5	ACi,IL
Asgrow	AG36XF4 §	RXF	R	3.6	ACi,IL
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Dairyland	DSR-3208E	E3	M	3.2	Lum,Lu,IL
Dairyland	DSR-3528E	E3	M	3.5	Lum,Lu,IL
Dairyland	DSR-3612E	E3	M	3.6	Lum,Lu,IL
Dairyland	DSR-3835E	E3	M	3.8	Lum,Lu,IL
DONMARIO	DM36E94	E3	M	3.6	F,I,B
DONMARIO	DM38E54	E3	M	3.8	F,I,B
Dyna-Gro	S35XF44	RXF	M	3.5	PLTM
Dyna-Gro	S37XF15	RXF	M	3.7	PLTM
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
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
Ebberts	E3760 E3	E3,ST	M	3.6	F,I
Ebberts	E3880 E3	E3	M	3.8	F,I
Fortus	3005ES	E3,ST	M	3.0	AC, SU
Fortus	3394E	E3	PK	3.3	AC, SU
Fortus	3665E	E3	M	3.6	AC, SU
Fortus	3815E	E3	M	3.8	AC, SU
FS HiSOY	HS 28F30	RXF	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 30F40	RXF	M	3.0	ACi,SA
FS HiSOY	HS 31E20	E3,ST	M	3.1	ACi,SA
FS HiSOY	HS 34E40	E3	PK	3.4	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 36E40	E3,ST	M	3.6	ACi,SA
Golden Harvest	GH3035E3 §	E3	M	3.0	CMB-APX,SA
Golden Harvest	GH3355E3S §	E3,ST	PK	3.3	CMB-APX,SA
Golden Harvest	GH3655E3S	E3,ST	M	3.6	CMB-APX,SA
Golden Harvest	GH3774E3 §	E3	M	3.7	CMB-APX,SA
Great Heart	GT-3337E	E3	R	3.3	Gr+
Great Heart	GT-3614XF	RXF	R	3.6	Gr+

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Great Heart	GT-3770E	E3	R	3.7	Gr+
Martin	M324-E3 GC	E3	M	3.2	F,I
Martin	M335-E3 GC	E3	MR	3.3	F,I
Martin	M354-E3 GC	E3	M	3.5	Untreated
Martin	M362-E3 GC	E3,ST	M	3.6	F,I
NK Brand	NK33-Y7E3S	E3,ST	PK	3.3	CMB-APX,SA
NK Brand	NK34-Z8E3S	E3,ST	M	3.4	CMB-APX,SA
NK Brand	NK36-Q6E3S	E3,ST	M	3.6	CMB-APX,SA
NK Brand	NK37-C1E3	E3	M	3.7	CMB-APX,SA
Pioneer	P31A73E §	E3	R	3.1	Lum,Lu
Pioneer	P32Z91E GC	E3	PK	3.2	Lum,Lu,IL
Pioneer	P34A98E §	E3	R	3.4	Lum,Lu
Pioneer	P37A18E §	E3	MR	3.7	Lum,Lu
Purple Ribbon	28E24	E3	M	2.9	ACi
Purple Ribbon	31E24	E3	M	3.1	ACi
Purple Ribbon	33E25	E3	B	3.3	ACi
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Superior	36E04 GC	E3	R	3.6	F,I
Superior	S37E15 GC	E3	R	3.7	F,I
Superior	S38E50 GC	E3	R	3.8	F,I
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2985E	E3	M	2.9	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
Xitavo	XO 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3795E	E3	M	3.7	PV,IL,OB,Rey
Xitavo	XO 3855E	E3,ST	M	3.8	PV,IL,OB,Rey

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
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,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, 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

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