

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

2025 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] WILLIAMSVILLE, IL
Bruce & Nick Constant, Sangamon County, IL 62693

All-Season Test	Maturity Group 3.3 - 4.3 S2025ILSC20
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Lexar Ez., Roundup Powermax 3
SOIL DESCRIPTION:	Ipava silt loam, moderately drained, non-irrigated
SOIL CONDITION:	6.7 pH, 5.51% OM, 15.16 CEC, high P, medium K, low S, high B, low Zn
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Sterling Blue, Boundary6.5 Ec, Liberty, Prefix, Miravis Top, Endigo
FERTILITY - Other:	VRT Sulfur, Brandt Trio, Brandt Smart B-Molly
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 10 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 9 126.5 /A
PEST & DISEASE RISK:	SDS, Phytophthora, Stem Canker, Red Crown Rot*

TEST COMMENTS:

This location was moved to a different farm at the last minute due to some logistical issues. It was planted in great soil conditions. When taking stand counts, we noticed late emergence issues with the E3 varieties. They were all there but 2 weeks behind the RXF neighbors. Looks like a pre-emerge herbicide was the culprit. At harvest, the whole plot was standing perfectly, but there were noticeable height differences in the different technologies and a bit of a yield difference; however, not as much as one would think. Please use these results with caution due to problems with E3 varieties. The test will be excluded from the region summary.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ‡	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSOY	HS 41F50 ↗	RXF,ST	4.1	M	87.5	12.4	1	129.3	910	1
Apex	AE4150S ↗	E3,ST	4.1	M	86.9	12.0	1	132.0	904	2
FS HiSOY	HS 42F50 ↗	RXF	4.2	M	86.6	12.5	1	139.3	901	3
Great Heart	GT-3968XF ↗	RXF	3.9	M	84.2	12.5	1	139.3	876	4
FS HiSOY	HS 36F40 ↗	RXF	3.6	M	84.0	11.9	1	126.7	874	5
Kitchen	KSC 3625CXF ↗	RXF	3.6	M	83.8	12.2	1	114.0	872	6
FS HiSOY	HS 39F50 ↗	RXF	3.9	M	82.4	12.0	1	114.0	857	7
Monier	ME354 ↗	E3	3.5	M	81.6	11.3	1	116.3	849	8
Monier	ME350 ↗	E3,ST	3.5	M	80.4	11.6	1	141.7	836	9
FS HiSOY	HS 34F30 ↗	RXF	3.4	M	79.7	12.4	1	141.7	829	10
Burrus	3472E ↗	E3	3.4	M	79.4	11.8	1	126.7	826	11
DONMARIO	DM33E55 ↗	E3	3.3	M	79.4	10.9	1	129.3	826	12
AgVenture	AV38A1E ↗	E3	3.8	M	79.3	12.2	1	129.3	825	13
Asgrow	AG33XF3 GC ↗	RXF	3.3	R	79.2	11.5	1	131.7	824	14
Great Heart	GT-3734XFS ↗	RXF,ST	3.7	M	79.2	12.8	1	124.0	824	15
Brevant	B324EE GC ↗	E3	3.2	M	78.4	11.5	1	114.0	815	16
AgVenture	AV41Y5E ↗	E3	4.1	M	78.0	12.6	1	124.3	811	17
DONMARIO	DM40F45S ↗	RXF,ST	4.0	M	78.0	13.0	1	131.7	811	18
FS HiSOY	HS 37E40 ↗	E3	3.7	M	77.3	12.6	1	126.7	804	19
NuTech	41N04E ↗	E3	4.1	M	77.2	12.5	1	124.0	803	20
Burrus	4125F ↗	RXF	4.1	M	77.1	13.0	1	121.7	802	21
Burrus	3578E ↗	E3	3.5	M	76.6	11.2	1	119.0	797	22
Xitavo	XO 4056E ↗	E3	4.0	M	76.3	11.5	1	129.0	794	23
LG Seeds	LGS3570E3 GC ↗	E3	4.3	M	75.7	11.5	1	126.7	787	24
Dyna-Gro	S35ES56 ↗	E3,ST	3.5	M	74.8	11.1	1	126.7	778	25
Apex	AE3550S ↗	E3,ST	3.5	M	74.6	10.7	1	141.7	776	26
Apex	AE3850 ↗	E3	3.8	M	74.5	11.7	1	129.3	775	27
Fortus	3394E ↗	E3	3.3	PK	74.4	11.0	1	129.3	774	28
NuTech	43N06E ↗	E3	4.3	M	74.1	12.1	1	131.7	771	29
FS HiSOY	HS 38E50 ↗	E3	3.8	M	73.6	12.0	1	134.3	765	30

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Averages = **73.2** **11.8** **1** **126.5** **762**

LSD (0.10) = 6.9 0.5 ns

LSD (0.25) = 3.6 0.3 ns

C.V. = 9.0

Historic yield: 74.54 bu/a, 7 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$10.40

Report Date: 10/09/2025

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† 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. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

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