

Test by: Effingham, IL

2021 Soybeans Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL
John Barttelbort, St. Clair County, IL 62221

All-Season Test	Maturity Group 3.5 - 4.5 S2021ILSO04
Top 30 of 71	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Round Up, 2,4d Fb Accuron
SOIL DESCRIPTION:	Edwardsville/Mascoutah silt loam, well drained, non-irrigated
SOIL CONDITION:	high P, low K, 6.0 pH, 2.2% OM, 11.6 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Roundup, 2,4d Fb Liberty
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-0-0
SEEDED - RATE - ROW:	May 31 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 6 98.1 /A

TEST COMMENTS:

This location was planted on Memorial Day in fairly heavy conditions. This test didn't suffer through the cool period of May, and populations were good. The plant heights were above normal. Virtually all varieties were leaning and experienced lodging. The yields were very consistent with the fields surrounding. All varieties had large seed sizes. This location was spotless for weeds and looked great all summer. It was a good trial with a great cooperator.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	G3957E3 ↗	E3	3.9	R	74.9	13.0	7	104.5	868	1
Loyal	L3940E ↗	E3	3.9	R	70.3	12.7	19	100.3	816	2
NuTech	39N05E ↗	E3	3.9	R	70.0	12.3	13	108.7	813	3
Asgrow	AG40XF1 § ↗	RXF	4.0	R	67.5	12.8	17	102.0	784	4
Donmario	DM3756E ↗	E3	3.7	R	67.0	12.7	7	91.7	778	5
Asgrow	AG40XF0 GC ↗	RXF	4.0	R	66.9	12.6	8	103.0	777	6
FS HiSOY	40F10 ↗	RXF	4.0	R	66.8	12.6	7	93.3	776	7
Stone	2XF4442-SR ↗	RXF	4.4	R	66.7	12.7	23	93.3	774	8
FS HiSOY	42E10 ↗	E3,ST	4.2	R	66.1	12.8	4	92.0	767	9
Golden Harvest	GH4452XFS ↗	RXF,ST	4.4	MR	66.1	12.6	11	96.3	767	10
Xitavo	XO 3651E ↗	E3	3.6	R	65.4	12.7	40	103.3	759	11
FS HiSOY	44F10 ↗	RXF	4.4	R	64.8	12.9	11	110.0	752	12
Stine	40EC20 § ↗	E3	4.0	R	64.8	12.7	18	92.0	752	13
Great Heart	GT-4042XF ↗	RXF	4.0	R	64.3	12.6	19	83.7	747	14
FS HiSOY	42F10 ↗	RXF	4.2	R	64.2	12.6	26	85.0	745	15
NK Brand	NK43-V8XF ↗	RXF	4.3	MR	64.0	12.5	42	102.0	743	16
Asgrow	AG35XF1 § ↗	RXF	3.5	R	63.9	12.7	15	97.7	742	17
Donmario	DM3932E ↗	E3	3.9	R	63.7	12.6	8	89.3	740	18
Asgrow	AG42XF1 GC ↗	RXF	4.2	R	63.6	12.9	8	99.0	738	19
Stine	42EE20 GC ↗	E3	4.2	R	63.5	12.9	18	93.3	737	20
NuTech	43N04E ↗	E3	4.3	R	63.2	12.4	60	97.7	734	21
Donmario	DM42F62 ↗	RXF	4.2	NA	63.1	12.5	39	101.7	733	22
FS HiSOY	39F10 ↗	RXF	3.9	R	62.9	12.6	10	96.3	730	23
Stine	43EE02 GC ↗	E3	4.3	R	62.7	12.6	3	93.3	728	24
Asgrow	AG38XF1 § ↗	RXF	3.8	R	62.6	12.7	26	95.0	727	25
Apex	AE3520 ↗	E3	3.5	R	62.1	12.6	18	104.7	721	26
NuTech	39N04E ↗	E3	3.9	R	61.9	12.6	15	117.0	719	27
Apex	AE4120 ↗	E3	4.1	R	61.8	12.4	53	106.0	717	28
NuTech	41N03E ↗	E3	4.1	R	61.8	12.7	6	97.7	717	29
Golden Harvest	GH4392XF ↗	RXF	4.3	MR	61.3	12.9	68	106.0	712	30

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Averages = **60.2** **12.6** **27** **98.1** **700**

LSD (0.10) = 6.0 ns 19

LSD (0.25) = 3.1 ns 10

C.V. = 9.4

Historic yield: 56.06 bu/a, 19 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$11.61

Report Date: 11/07/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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