

Test by: Effingham, IL

## 2021 Soybeans Top 30 Harvest Report

Illinois South [ILSO] NASHVILLE, IL  
Dan Bartling, Washington County, IL

<b>All-Season Test</b>	Maturity Group <b>3.5 - 4.5</b> S2021ILSO01
<b>Top 30 of 71</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Accuron Flexi, Atrazine
<b>SOIL DESCRIPTION:</b>	Cisne/Hoyleton silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, medium K, 6.4 pH, 1.8% OM, 7.8 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Roundup, 2,4-D, Valor, Liberty, Tap Out, Hero, Sultrus
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 16 135.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 26 98.3 /A

### TEST COMMENTS:

*This conventional trial was planted later in May in perfect conditions. Emergence was good throughout the trial. Above normal rainfall and fungicide application kept the tall plants very healthy and promoted a little lodging in this trial. Overall happy with the yield for the date it was planted; a good test 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	G3755E3 ↗	E3	3.7	R	<b>76.7</b>	2.3	3	104.5	900	1
Asgrow	AG40XF1 § ↗	RXF	4.0	R	<b>74.4</b>	2.1	4	99.3	873	2
Golden Harvest	GH4452XFS ↗	RXF,ST	4.4	MR	<b>73.9</b>	2.2	1	102.3	868	3
Stine	39EC22 § ↗	E3	3.9	R	<b>72.5</b>	2.4	3	110.0	851	4
Stone	2XF3632 ↗	RXF	3.6	R	<b>72.4</b>	1.9	1	88.3	850	5
NuTech	43N03E ↗	E3	4.3	R	<b>72.2</b>	2.2	1	102.0	848	6
<b>Donmario</b>	<b>DM37F51 ↗</b>	<b>RXF</b>	<b>3.7</b>	<b>NA</b>	<b>72.0</b>	<b>2.1</b>	<b>2</b>	<b>99.0</b>	<b>845</b>	<b>7</b>
AgriGold	G3490XF ↗	RXF	3.4	R	70.9	2.4	1	110.0	832	8
Stone	2XF4442-SR ↗	RXF	4.4	R	69.7	2.1	3	99.0	818	9
Apex	AE4120 ↗	E3	4.1	R	69.4	1.8	12	85.3	815	10
Dyna-Gro	S41EN72 ↗	E3	4.1	R	69.4	2.1	5	97.7	815	11
NuTech	41N03E ↗	E3	4.1	R	69.0	2.0	2	93.0	810	12
Dyna-Gro	S40XF21S ↗	RXF,ST	4.0	R	69.0	2.4	5	111.7	810	13
Dyna-Gro	S41ES80 ↗	E3	4.1	R	69.0	2.2	2	102.3	810	14
FS HiSOY	45E00 ↗	E3	4.5	R	68.9	2.4	1	110.0	809	15
Genesis	G3560E ↗	E3	3.5	R	68.8	2.2	4	100.7	808	16
Pioneer	P42T31E § ↗	E3	4.2	R	68.7	2.3	2	105.3	807	17
Asgrow	AG38XF1 § ↗	RXF	3.8	R	68.4	1.8	3	85.0	803	18
NuTech	45N08E ↗	E3	4.5	R	67.9	2.3	17	107.0	797	19
NK Brand	NK43-V8XF ↗	RXF	4.3	MR	67.8	2.0	2	93.0	796	20
Xitavo	XO 3861E ↗	E3,ST	3.8	R	67.7	1.7	2	78.7	795	21
NuTech	37N01E ↗	E3	3.7	R	67.5	1.9	1	90.0	792	22
Dyna-Gro	S43EN61 ↗	E3	4.3	R	67.4	2.3	5	106.5	790	23
FS HiSOY	42F10 ↗	RXF	4.2	R	67.3	2.1	25	97.7	790	24
NuTech	35N03E ↗	E3	3.5	R	66.9	2.1	2	97.7	785	25
Golden Harvest	GH3952XF § ↗	RXF	3.9	R	66.8	2.0	1	94.7	784	26
Great Heart	GT-4042XF ↗	RXF	4.0	R	66.7	2.1	1	97.3	783	27
FS HiSOY	39E10 ↗	E3	3.9	R	66.5	2.0	1	94.7	781	28
NuTech	39N05E ↗	E3	3.9	R	66.2	2.2	1	103.7	777	29
Loyal	L3940E ↗	E3	3.9	R	66.1	2.2	1	102.3	776	30

*Klint Tucker*

Klint Tucker

klint@whatssmokin.net, (309) 712-1406

Averages = **64.9**    **2.1**    **5**    **98.3**    **763**

LSD (0.10) = 6.3    ns    11

LSD (0.25) = 3.3    ns    6

C.V. = 9.2    Historic yield: 57.84 bu/a, 1 yr(s)

**Yield & Income Factors:**    Base Moisture = 13.0%    Shrink = 1.0    Drying = \$0.03    Prices: GMO = \$11.74

Report Date: 10/27/2021

† 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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