

Test by: Effingham, IL

2021 Soybeans Top 30 Harvest Report

Illinois South [ILSO] FLORA, IL
Kent Warren, Clay County, IL 62824

All-Season Test	Maturity Group 3.5 - 4.5 S2021ILSO02
Top 30 of 71	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Gramoxone, Matador, Prefix, Liberty
SOIL DESCRIPTION:	Bluford/Cisne silt loam, moderately drained, non- irrigated
SOIL CONDITION:	very high P, medium K, 5.6 pH, 2.6% OM, 10.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Accuron, Halex, Miravis
Applied N-P-K (units):	0-150-150
SEDED - RATE - ROW:	May 15 135.0 /A 30" spacing
HARVESTED - STAND:	Oct 12 96.7 /A

TEST COMMENTS:

This location was planted in very heavy conditions in mid-May. The cold temperatures for the following two weeks had a negative effect on emergence. The heavy rains in June promoted aggressive vegetative growth and resulted in an unusual amount of lodging throughout the test. Excessive lodging undoubtedly had a negative effect on yields. The cooperater stated that several acres in the area were experiencing very similar situations.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Loyal	L3940E ↗	E3	3.9	R	71.5	11.2	4	92.3	930	1
FS HiSOY	40F10 ↗	RXF	4.0	R	69.7	11.4	7	103.0	906	2
Stine	39EC22 § ↗	E3	3.9	R	68.1	11.4	7	95.3	885	3
NuTech	45N04E ↗	E3	4.5	R	66.8	11.8	9	98.3	868	4
AgriGold	G3490XF ↗	RXF	3.4	R	66.6	11.3	9	101.7	866	5
NuTech	43N04E ↗	E3	4.3	R	66.2	11.3	11	90.7	861	6
Dyna-Gro	S41ES80 ↗	E3	4.1	R	66.2	11.3	6	106.0	861	7
Apex	AE3920 ↗	E3	3.9	R	66.0	11.9	6	95.3	858	8
NK Brand	NK39-A1XF ↗	RXF	3.9	R	65.8	11.1	7	86.3	855	9
Asgrow	AG42XF1 GC ↗	RXF	4.2	R	65.8	12.0	10	116.7	855	10
NK Brand	NK37-V4E3S § ↗	E3,ST	3.7	MR	64.3	11.5	8	88.0	836	11
Stine	42EE20 GC ↗	E3	4.2	R	64.3	11.5	10	97.0	836	12
Pioneer	P42T31E § ↗	E3	4.2	R	64.1	11.5	10	100.0	833	13
NK Brand	NK43-V8XF ↗	RXF	4.3	MR	63.9	12.3	11	91.0	831	14
Stine	36EB32 § ↗	E3	3.6	R	63.6	12.1	5	89.3	827	15
AgriGold	G3755E3 ↗	E3	3.7	R	63.4	11.5	7	83.0	824	16
NuTech	45N08E ↗	E3	4.5	R	63.4	12.4	20	89.3	824	17
Asgrow	AG35XF1 § ↗	RXF	3.5	R	63.2	11.5	5	103.3	822	18
Xitavo	XO 3861E ↗	E3,ST	3.8	R	62.7	11.1	4	95.7	815	19
Genesis	G3960E ↗	E3	3.9	R	62.6	11.1	5	104.7	814	20
NuTech	39N04E ↗	E3	3.9	R	62.6	10.9	3	104.7	814	21
Asgrow	AG38XF1 § ↗	RXF	3.8	R	62.2	11.4	7	80.3	809	22
Stone	2XF4442-SR ↗	RXF	4.4	R	62.2	11.7	9	98.3	809	23
FS HiSOY	39E10 ↗	E3	3.9	R	62.1	12.0	4	98.3	807	24
Dyna-Gro	S41EN72 ↗	E3	4.1	R	62.1	11.8	13	99.7	807	25
NuTech	35N03E ↗	E3	3.5	R	62.0	12.0	6	104.7	806	26
FS HiSOY	44F10 ↗	RXF	4.4	R	61.9	12.4	10	78.7	805	27
Genesis	G3560E ↗	E3	3.5	R	61.8	11.9	9	98.7	803	28
FS HiSOY	42F10 ↗	RXF	4.2	R	61.7	11.5	11	109.0	802	29
Pioneer	P38T05E § ↗	E3	3.8	R	61.5	10.9	2	94.0	800	30

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Averages = **59.7** **11.6** **7** **96.7** **776**

LSD (0.10) = 7.6 ns 4

LSD (0.25) = 4.0 ns 2

C.V. = 12.1

Historic yield: 52.07 bu/a, 6 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$13.00

Report Date: 10/13/2021

Revised: 11/02/2021 Corrected product name 43N03E to 43N04E

Additional reports available at www.firstseedtests.com

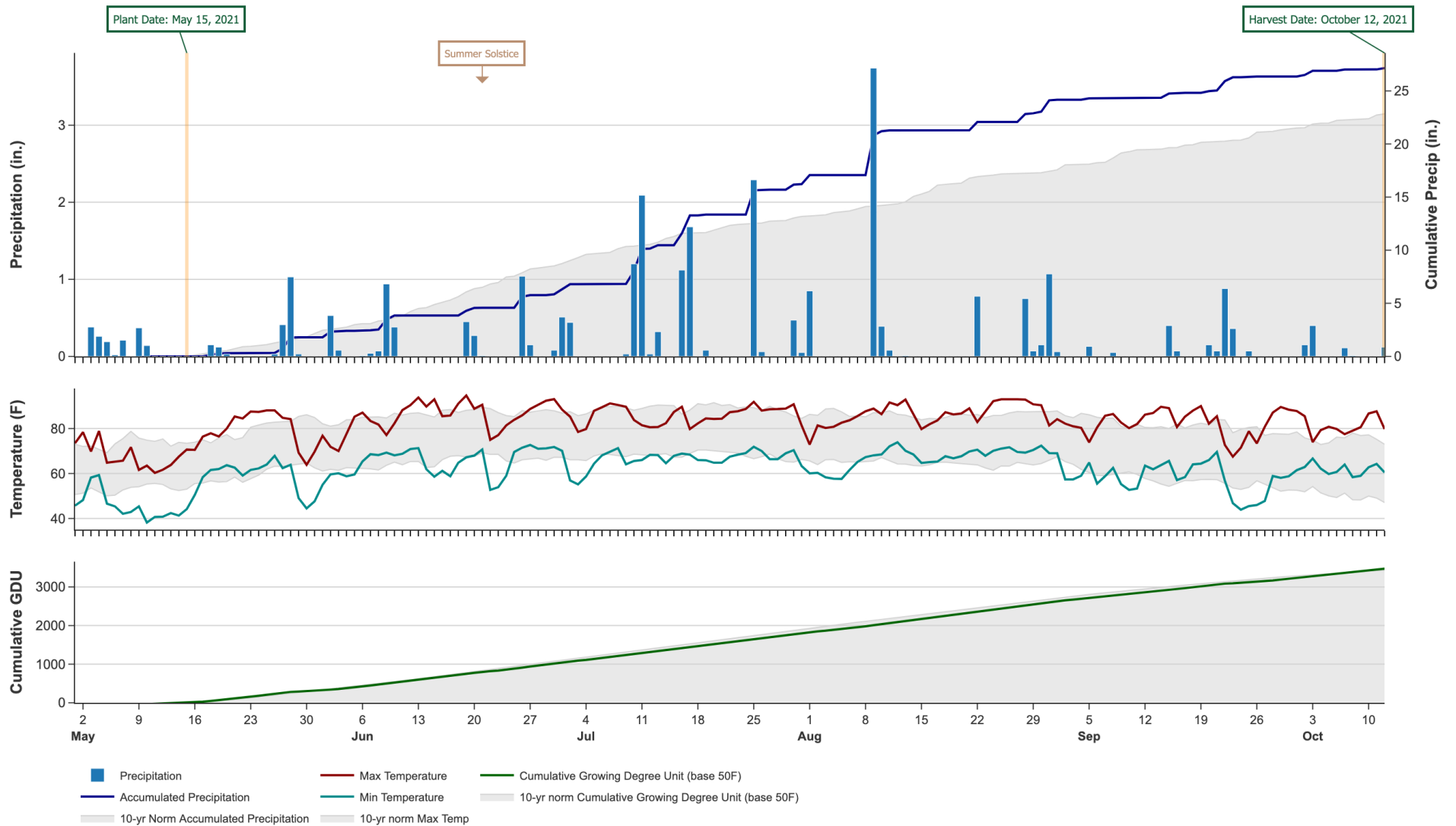
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ New! Links to full product yield results at www.firstseedtests.com

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2021 Soybeans - Illinois South [ILSO]

Weather Conditions Summary at FLORA, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.4 4.7 (-1.3)	4.0 6.4 (-2.3)	10.4 4.7 (+5.7)	7.9 4.2 (+3.7)	2.2 4.1 (-1.8)	0.8 1.4 (-0.6)	28.7 25.4 (+3.3)
GDU Normal (Diff)	451 515 (-64)	716 753 (-37)	786 834 (-48)	795 778 (+16)	607 590 (+16)	259 159 (+99)	3614 3632 (-18)



* 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 (71 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3451E3	E3	R	3.4	ASfi,SA
AgriGold	G3490XF	RXF	R	3.4	ASfi,SA
AgriGold	G3630XF	RXF	R	3.6	ASfi,SA
AgriGold	G3755E3	E3	R	3.7	ASfi,SA
AgriGold	G3957E3	E3	R	3.9	ASfi,SA
Apex	AE3520	E3	R	3.5	CMBV,SA
Apex	AE3720S	E3,ST	R	3.6	CMBV,SA
Apex	AE3920	E3	R	3.9	CMBV,SA
Apex	AE4120	E3	R	4.1	CMBV,SA
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG38XF1 §	RXF	R	3.8	ACi,IL
Asgrow	AG40XF0 GC	RXF	R	4.0	Untreated
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Asgrow	AG42XF1 GC	RXF	R	4.2	Untreated
Donmario	DM3756E	E3	R	3.7	CMBV
Donmario	DM37F51	RXF	NA	3.7	BPS-SDS
Donmario	DM3932E	E3	R	3.9	BPS-SDS
Donmario	DM40E62	E3	NA	4.0	CMBV
Donmario	DM42F62	RXF	NA	4.2	CMBV
Dyna-Gro	S40XF21S	RXF,ST	R	4.0	EQV,SA
Dyna-Gro	S41EN72	E3	R	4.1	EQV,SA
Dyna-Gro	S41ES80	E3	R	4.1	EQV,SA
Dyna-Gro	S43EN61	E3	R	4.3	EQV,SA
FS HiSOY	39E10	E3	R	3.9	NA
FS HiSOY	39F10	RXF	R	3.9	ACi,B-200
FS HiSOY	40F10	RXF	R	4.0	NA
FS HiSOY	42E10	E3,ST	R	4.2	ACi,B-200
FS HiSOY	42F10	RXF	R	4.2	ACi,B-200
FS HiSOY	43E00	E3	R	4.3	ACi,B-200
FS HiSOY	44F10	RXF	R	4.4	ACi,B-200
FS HiSOY	45E00	E3	R	4.5	ACi,B-200
Genesis	G3560E	E3	R	3.5	CMBV,SA
Genesis	G3760ES	E3,ST	R	3.7	CMBV,SA
Genesis	G3960E	E3	R	3.9	CMBV,SA
Genesis	G4160E	E3	R	4.1	CMBV,SA
Golden Harvest	GH3512E3S	E3,ST	MR	3.5	CMBV,SA
Golden Harvest	GH3732XF	RXF	R	3.7	CMBV,SA
Golden Harvest	GH3762E3S	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S §	E3,ST	R	3.9	CMBV,SA
Golden Harvest	GH3952XF §	RXF	R	3.9	CMBV,SA
Golden Harvest	GH4072E3	E3	MR	4.0	CMBV,SA
Golden Harvest	GH4392XF	RXF	MR	4.3	CMBV,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Golden Harvest	GH4452XFS	RXF,ST	MR	4.4	CMBV,SA
Great Heart	GT-3702XF	RXF	R	3.7	Gr+
Great Heart	GT-4042XF	RXF	R	4.0	Gr+
Loyal	L3940E	E3	R	3.9	CMBV,SA
NK Brand	NK37-V4E3S §	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK39-A1XF	RXF	R	3.9	CMBV,SA
NK Brand	NK40-U7E3	E3	R	4.0	CMBV,SA
NK Brand	NK43-V8XF	RXF	MR	4.3	CMBV,SA
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
NuTech	39N04E	E3	R	3.9	Lum,Lu,IL
NuTech	39N05E	E3	R	3.9	Lum,Lu,IL
NuTech	41N03E	E3	R	4.1	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
NuTech	45N04E	E3	R	4.5	Lum,Lu,IL
NuTech	45N08E	E3	R	4.5	Lum,Lu,IL
Pioneer	P35T01SE §	E3,ST	R	3.5	NA
Pioneer	P38T05E §	E3	R	3.8	Lum,IL
Pioneer	P42T31E §	E3	R	4.2	Lum,Lu,IL
Stine	36EB32 §	E3	R	3.6	SFI
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Stine	42EE20 GC	E3	R	4.2	NA
Stine	43EE02 GC	E3	R	4.3	NA
Stone	2XF3632	RXF	R	3.6	ACi,IL
Stone	2XF4442-SR	RXF	R	4.4	ACi,IL
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB

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 Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies

E3	Enlist™ E3
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ASfi,SA	AgriShield Max with Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EQV,SA	Equity VIP, Saltro®
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.