

Test by: Effingham, IL

2022 Soybeans Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL

Bottomline Seed Solutions, LLC, Klint Tucker, Effingham
County, IL 62401

All-Season Test	Maturity Group 3.5 - 4.5 S2022ILSO01
Top 30 of 70	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Realm Q, Abundant Edge
SOIL DESCRIPTION:	Wynoose/Bluford clay loam, moderately drained, non- irrigated
SOIL CONDITION:	very high P, very high K, 7.1 pH, 1.7% OM, 10.6 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Prefix, Liberty, Last Chance, Sel, Anthem Maxx, Trivapro
Applied N-P-K (units):	0-0-100
SEEDED - RATE - ROW:	May 16 139.4 /A 30" spacing
HARVESTED - STAND:	Oct 13 89.4 /A

TEST COMMENTS:

Conventional test planted in mid-May. Heavy rains after planting had a negative effect on the overall population. Plants were still overdeveloped height-wise and were leaning throughout the test. A fungicide application kept the plants very healthy. Many varieties still had very green stems and leaves, still intact. The lack of rain in September probably took a little off the top-end yields. Moistures were a little higher than expected, but the full-season varieties were still hanging on. Overall, a pretty good test for the season. Average yields were consistent with what is being reported around the location.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	34N02E GC ↗	E3	3.4	R	81.4	13.1	5	91.3	1109	1
AgriGold	G3692XF ↗	RXF,ST	3.6	R	76.9	12.1	3	75.7	1047	2
Golden Harvest	GH4343XFS ↗	RXF,ST	4.3	R	76.0	16.0	7	91.3	1035	3
Apex	AE3920 ↗	E3	3.9	R	76.0	14.2	4	90.0	1035	4
Stone	2XF4053-SR ↗	RXF,ST	4.0	R	75.2	14.3	10	91.7	1024	5
NK Brand	NK44-Q5E3S § ↗	E3,ST	4.4	R	74.8	18.9	9	95.0	1019	6
FS HiSOY	HS 45E00 ↗	E3	4.5	R	74.4	17.0	12	86.7	1013	7
NuTech	45N09E ↗	E3	4.5	R	73.9	14.9	5	94.7	1007	8
Apex	AE4120 ↗	E3	4.1	R	73.3	14.7	17	82.0	998	9
FS HiSOY	HS 44F20 ↗	RXF	4.4	R	73.2	16.8	12	94.7	997	10
AgVenture	AV43V6E ↗	E3	4.3	MR	73.2	14.2	15	88.3	997	11
NuTech	43N04E ↗	E3	4.3	R	73.1	15.4	13	76.0	996	12
FS HiSOY	HS 38E20 ↗	E3,ST	3.8	R	73.0	11.4	2	90.0	994	13
Dyna-Gro	S42XF93S ↗	RXF,ST	4.2	MR	71.4	16.1	14	85.3	972	14
NuTech	39N04E ↗	E3	3.9	R	71.4	12.5	1	97.7	972	15
NuTech	47N04E § ↗	E3	4.7	NA	71.4	15.9	12	94.7	972	16
DONMARIO	DM41E73 ↗	E3	4.1	R	71.3	14.0	7	83.7	971	17
Stone	2XF3843 ↗	RXF	3.8	R	71.0	12.0	2	101.0	967	18
Pioneer	P42A84E § ↗	E3	4.2	R	70.5	13.9	3	97.7	960	19
AgVenture	AV41Y5E ↗	E3	4.1	MR	70.4	11.4	2	91.7	959	20
AgriGold	G3577E3 ↗	E3,ST	3.5	R	70.1	11.0	4	90.0	955	21
Stine	39EC22 GC ↗	E3	3.9	R	70.0	15.2	5	79.3	953	22
Asgrow	AG43XF2 GC ↗	RXF	4.3	NA	70.0	16.0	9	93.0	953	23
DONMARIO	DM3756E ↗	E3	3.7	R	70.0	11.4	2	91.7	953	24
Dyna-Gro	S38XF22S ↗	RXF,ST	3.8	MR	69.8	12.0	3	93.0	951	25
Great Heart	GT-4039E ↗	E3	4.0	R	69.3	13.7	4	91.7	944	26
Xitavo	XO 3861E ↗	E3	3.8	R	69.1	12.4	3	90.0	941	27
Xitavo	XO 4522E ↗	E3	4.5	R	69.0	15.5	6	96.0	940	28
AgriGold	G4144XF ↗	RXF,ST	4.1	R	68.8	15.7	14	79.0	937	29
Asgrow	AG41XF2 GC ↗	RXF	4.1	R	68.7	15.9	12	84.0	936	30

Klint Tucker

Klint Tucker

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

Averages = **67.4** **13.4** **7** **89.4** **918**

LSD (0.10) = 7.3 1.4 6

LSD (0.25) = 3.8 0.7 3

C.V. = 10.3

Historic yield: 56.48 bu/a, 4 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.62

Report Date: 10/13/2022

† 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

©2022, All rights reserved by Elite Field Genetics, LLC

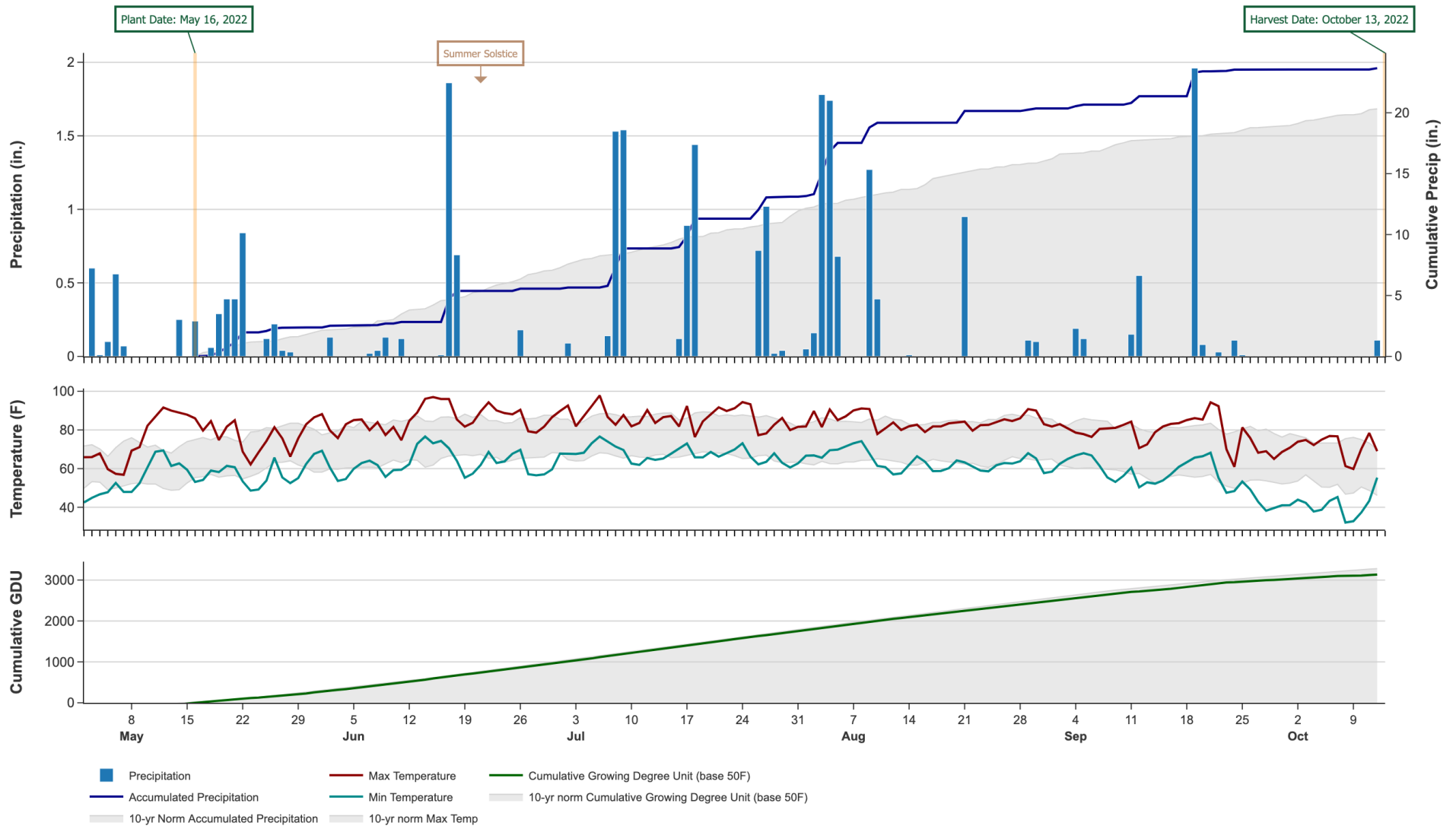
Additional reports available at www.firstseedtests.com

2022 Soybeans - Illinois South [ILSO]

Weather Conditions Summary at EFFINGHAM, IL

Weather Data Retrieved: 10/13/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	4.2 4.2 (-0.0)	3.2 5.1 (-1.9)	7.5 4.9 (+2.7)	7.2 4.1 (+3.2)	3.2 2.9 (+0.3)	0.1 1.4 (-1.3)	25.5 22.6 (+2.9)
GDU Normal (Diff)	480 457 (+22)	696 718 (-22)	797 801 (-4)	732 747 (-15)	535 569 (-34)	122 156 (-34)	3362 3451 (-89)



* 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.

2022 Soybeans - Illinois South [ILSO]

All-Season Test Products (70 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3577E3	E3,ST	R	3.5	ASfi,SA
AgriGold	G3692XF	RXF,ST	R	3.6	ASfi,SA
AgriGold	G3875E3	E3	R	3.8	ASfi,SA
AgriGold	G4144XF	RXF,ST	R	4.1	ASfi,SA
AgVenture	AV38V3E	E3	MR	3.8	F,I,SA
AgVenture	AV39Y3E	E3	MR	3.9	F,I,SA
AgVenture	AV41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV43V6E	E3	MR	4.3	F,I,SA
Apex	AE3920	E3	R	3.9	PU
Apex	AE4120	E3	R	4.1	PU
Asgrow	AG37XF1 GC	RXF	R	3.7	ACi
Asgrow	AG38XF1 §	RXF	R	3.8	ACi
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi
Asgrow	AG41XF2 GC	RXF	R	4.1	ACi
Asgrow	AG42XF2 GC	RXF	NA	4.2	Untreated
Asgrow	AG43XF2 GC	RXF	NA	4.3	Untreated
DONMARIO	DM3756E	E3	R	3.7	CMBV
DONMARIO	DM37E43S	E3,ST	R	3.7	CMBV
DONMARIO	DM41E73	E3	R	4.1	CMBV
DONMARIO	DM41F33S	RXF,ST	R	4.1	CMBV
Dyna-Gro	S38XF22S	RXF,ST	MR	3.8	EQV,Sa,Va
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
Dyna-Gro	S42XF93S	RXF,ST	MR	4.2	EQV,Sa,Va
FS HiSOY	HS 38E20	E3,ST	R	3.8	ACi,SA,B-200
FS HiSOY	HS 38F20	RXF	R	3.8	ACi,SA,B-200
FS HiSOY	HS 40F20	RXF	R	4.0	ACi,SA,B-200
FS HiSOY	HS 41E20	E3	R	4.1	ACi,SA,B-200
FS HiSOY	HS 42F10	RXF	R	4.2	ACi,SA,B-200
FS HiSOY	HS 43E20	E3	R	4.3	ACi,SA,B-200
FS HiSOY	HS 44F20	RXF	R	4.4	ACi,SA,B-200
FS HiSOY	HS 45E00	E3	R	4.5	ACi,SA,B-200
Golden Harvest	GH3762E3S §	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S	E3,ST	R	3.9	CMBV,SA
Golden Harvest	GH4343XFS	RXF,ST	R	4.3	CMBV,SA
Great Heart	GT-3894ES	E3,ST	R	3.8	Gr+
Great Heart	GT-4039E	E3	R	4.0	Gr+
Great Heart	GT-4042XF	RXF	R	4.0	Gr+
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK44-Q5E3S §	E3,ST	R	4.4	CMBV,SA
NuTech	34N02E GC	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
NuTech	39N04E	E3	R	3.9	Lum,Lu,IL
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
NuTech	40N02E	E3	R	4.0	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
NuTech	45N09E	E3	R	4.5	Lum,Lu,IL
NuTech	47N04E §	E3	NA	4.7	Lum,Lu,IL
Pioneer	P37T33E §	E3	MR	3.7	Lum,Lu,IL
Pioneer	P38T76E §	E3	NA	3.8	Lum,Lu,IL
Pioneer	P40A36E GC	E3	NA	4.0	Lum,Lu
Pioneer	P42A84E §	E3	R	4.2	Lum,Lu,IL
ProHarvest	39E34S	E3	R	3.9	PU
Stine	36EB32 GC	E3	R	3.6	SFI
Stine	36EE12 GC	E3	R	3.6	SFI
Stine	38EF32 §	E3	R	3.8	SFI
Stine	39EC22 GC	E3	R	3.9	SFI
Stine	40EB22 §	E3	R	4.0	SFI
Stine	44EE20 §	E3	R	4.4	SFI
Stone	2XF3843	RXF	R	3.8	ACi,IL
Stone	2XF4053-SR	RXF,ST	R	4.0	ACi,IL
Xitavo	XO 3483E	E3,ST	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3861E	E3	R	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4522E	E3	R	4.5	PV,IL,OB,Rey

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,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
ASfi,SA	AgriShield Max with Saltro®
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
F,I,SA	Fungicide, Insecticide, Saltro®
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SF1	Stine XP F&I
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.