

Test by: Effingham, IL

2021 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 S2021ILSO03
Top 30 of 71	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / ReIm Q, Abundant Edge, Aatrex
SOIL DESCRIPTION:	Wynoose/Bluford clay loam, moderately drained, non- irrigated
SOIL CONDITION:	medium P, low K, 5.7 pH, 1.6% OM, 9.9 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Liberty, Select Max, Last Chance, Micro Plus, Sequence, Anthem Max
Applied N-P-K (units):	0-0-150
SEEDED - RATE - ROW:	May 26 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 19 92.8 /A

TEST COMMENTS:

Due to an extremely cool and wet planting season, this conventional trial was planted in extremely heavy conditions in the latter part of May. The next day it received over 2 inches of cool rainfall. This trial was rotary hoed twice to promote emergence. Lodging occurred in some varieties but not terrible. Yields were a little surprising due to the lower populations. Overall pleased with the yields after everything this location went through. Because of yield variability among the variety replicates, the test was not significant for entry and was rejected.



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

Averages = **64.6** **13.3** **4** **92.8** **791**

LSD (0.10) = ns ns 4

LSD (0.25) = ns ns 2

C.V. = 10.0 Historic yield: 56.48 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$12.27

Company/Brand	Product/Brand	Yield [†]	Mo	CEC Seed	Yield Bu/A	Moisture %	Lodging %	Stand in 2021	Gross Income \$/Acre	Rank
McCook	204042	83	3.8	R	75.7	13.1	1	97.3	804	1
Local	L20402	83	3.8	R	75.4	13.8	1	96.3	800	2
Agri	AG2040	83	3.8	R	75.1	13.2	1	103.3	807	3
PG 4040V	40410	83.87	4.2	R	71.8	13.2	1	96.7	871	4
Agri	AG2040	83	3.8	R	75.1	13.8	1	96.8	808	5
PG 4040V	40410	88F	4.2	R	75.8	13.8	17	95.8	808	6
Domino	204042	83	3.8	R	75.1	13.1	1	97.3	804	8
Agri	AG410	83	4.1	R	75.1	13.8	1	96.3	803	7
Agri	AG4040F1 g	88F	4.2	R	75.4	13.8	1	97.7	801	9
Agri/Local	204042	88F	4.2	R	86.3	13.8	1	96.3	800	10
Great Harvest	GT-204042	88F	4.2	R	85.1	13.8	2	96.7	807	11
Agri	AG4040F1 GC	88F	4.2	R	85.8	13.8	2	100.0	800	12
PG 4040V	40410	83	3.8	R	75.8	13.4	2	103.0	804	13
Domino	204042	83	3.8	R	75.1	13.1	1	97.3	804	14
Stone	204042 88	88F	4.2	R	87.0	14.8	4	96.0	800	15
McCook	404042	83	3.8	R	75.8	13.8	6	96.3	800	16
Domino	204042	83	3.8	R	75.8	13.8	6	96.7	800	17
Golden Harvest	204042 88	88F	4.2	R	86.8	13.8	2	96.3	800	18
PG 4040V	40410	83	3.8	R	75.7	13.8	10	96.7	818	19
McCook	204042	83	3.7	R	75.7	13.8	1	96.3	818	20
Great Harvest	GT-204042	88F	4.2	R	86.8	13.8	6	96.3	817	21
Stone	204042 88	88F	4.2	R	86.8	13.8	2	96.7	818	22
McCook	404042	83	4.2	R	86.3	14.8	18	96.3	811	23
Domino	204042	88F	4.2	R	86.3	13.4	8	96.3	808	24
Agri/Local	204042	83	4.1	R	86.7	13.1	6	96.3	808	25
Stone	204042	88F	3.8	R	86.7	13.2	1	97.7	808	26
Agri/Local	204042	83	3.4	R	86.8	13.8	7	96.3	804	27
Agri/Local	204042	83	3.8	R	86.4	13.7	1	96.7	801	28
PG 4040V	40410	88F	4.4	R	86.4	14.8	1	96.7	801	29
Agri	AG2040	83.87	3.8	R	85.1	13.8	2	95.3	798	30

REJECTED

Report Date: 10/20/2021

Additional reports available at www.firstseedtests.com

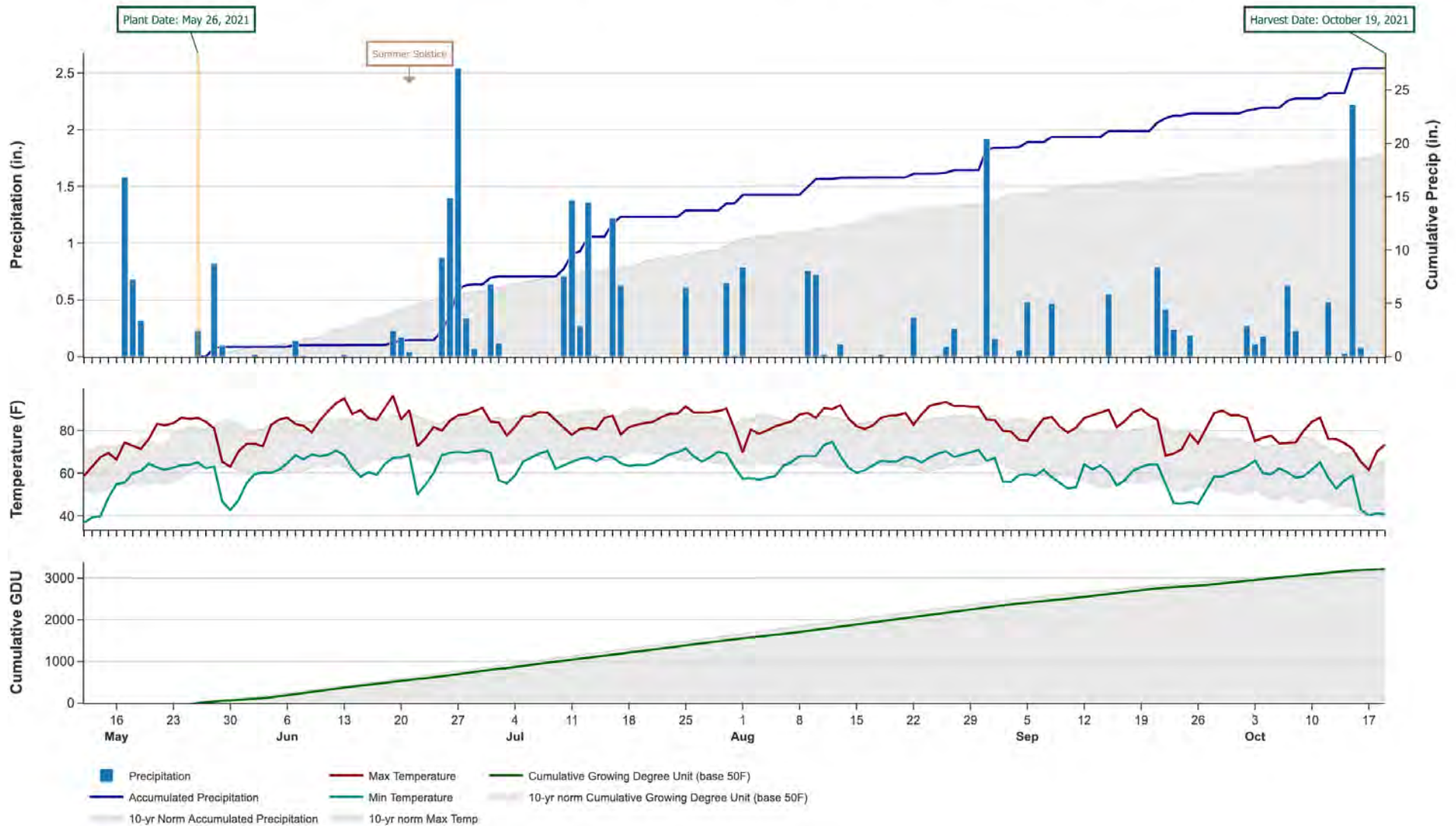
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly 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 EFFINGHAM, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.7 2.2 (+1.5)	5.8 5.5 (+0.3)	7.6 4.8 (+2.8)	5.0 3.5 (+1.6)	3.4 2.9 (+0.5)	4.2 1.7 (+2.5)	29.8 20.5 (+9.3)
GDU Normal (Diff)	316 340 (-24)	709 725 (-16)	767 814 (-47)	768 756 (+11)	589 560 (+28)	322 208 (+113)	3471 3405 (+65)



* 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	43N03E	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

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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.