

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

2022 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] GRIDLEY, IL
Jamin Ringger, McLean County, IL 61744

All-Season Test	Maturity Group 2.8 - 3.8 S2022ILNC15
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Balance Flexx, Laudis, Atrazine, Roundup Powermax, Trivapro, Defcon
SOIL DESCRIPTION:	Elburn, Flanagan silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, medium K, 6.6 pH, 5.1% OM, 21.1 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Boundary, Liberty, Roundup Powermax, Brawl LI, Trivapro, Leverage 360
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 24 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 19 141.0 /A

TEST COMMENTS:

This location was planted in very nice soil conditions but turned dry after emergence. Plants had enough moisture to keep going all season long but could have used a few August rains. The plot looked very good all along despite these conditions. Some of the fuller season varieties were frosted off and still holding on to dead leaf material. Plants were standing nicely and were very dry and easy to harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Martin	M29-E3 ↗	E3	2.9	MR	81.8	9.0	2	124.3	1104	1
DONMARIO	DM3756E ↗	E3	3.7	R	79.5	9.1	6	139.3	1073	2
Martin	M34-E3 ↗	E3	3.4	MR	79.0	8.8	6	136.7	1066	3
DONMARIO	DM34E11 ↗	E3	3.4	R	79.0	9.2	6	131.7	1066	4
Pioneer	P29T37E § ↗	E3	2.9	NA	78.1	8.8	3	141.7	1054	5
Dyna-Gro	S35XF72 ↗	RXF	3.5	R	76.7	9.0	4	147.0	1035	6
Golden Harvest	GH3373E3S § ↗	E3,ST	3.3	R	76.6	9.3	3	132.0	1034	7
Stine	31EF23 § ↗	E3	3.1	R	76.5	8.6	1	131.7	1033	8
Xitavo	XO 2832E ↗	E3	2.8	R	76.1	8.9	2	144.0	1027	9
NK Brand	NK36-H9E3S § ↗	E3,ST	3.6	R	75.6	8.9	7	142.0	1021	10
Genesis	G2960E ↗	E3	2.9	R	75.5	9.1	2	142.0	1019	11
NuTech	35N03E ↗	E3	3.5	R	75.4	9.0	5	154.7	1018	12
Apex	AE3330S ↗	E3	3.3	R	74.6	9.0	4	147.0	1007	13
Asgrow	AG33XF3 § ↗	RXF	3.3	R	74.5	9.1	6	139.3	1006	14
Dyna-Gro	S37ES52 ↗	E3,ST	3.7	R	74.1	8.8	5	137.0	1000	15
Genesis	G3460ES ↗	E3,ST	3.4	R	74.1	8.8	6	141.7	1000	16
DONMARIO	DM37E43S ↗	E3,ST	3.7	R	74.1	9.5	6	144.0	1000	17
Xitavo	XO 3131E ↗	E3	3.1	R	74.0	8.7	6	141.7	999	18
NuTech	29N02E ↗	E3	2.9	R	74.0	8.6	5	147.0	999	19
Apex	AE3720S ↗	E3,ST	3.7	R	74.0	8.8	6	142.0	999	20
P3 Genetics	2136E ↗	E3	3.6	R	73.8	8.9	4	149.3	996	21
Genesis	G3760ES ↗	E3,ST	3.7	R	73.3	9.0	5	134.3	990	22
NK Brand	NK33-W2E3S ↗	E3,ST	3.3	R	73.2	9.0	7	136.7	988	23
Stone	2XF3352 ↗	RXF	3.3	R	72.9	8.7	3	136.7	984	24
Golden Harvest	GH3043E3 ↗	E3	3.0	R	72.8	8.9	2	147.0	983	25
Stine	38EF32 § ↗	E3	3.8	R	72.6	9.5	3	146.7	980	26
Burrus	3875E ↗	E3	3.8	R	72.4	9.8	7	144.3	977	27
Xitavo	XO 3402E ↗	E3	3.4	R	72.2	8.9	4	147.0	975	28
FS HiSOY	HS 37E10 ↗	E3,ST	3.7	R	72.1	8.9	5	139.3	973	29
NuTech	34N02E ↗	E3	3.4	R	71.9	9.1	6	144.7	971	30

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Averages = **71.3** **9.1** **5** **141.0** **963**

LSD (0.10) = 6.0 0.3 3

LSD (0.25) = 3.2 0.2 1

C.V. = 8.0

Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.50

Report Date: 10/19/2022

† 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

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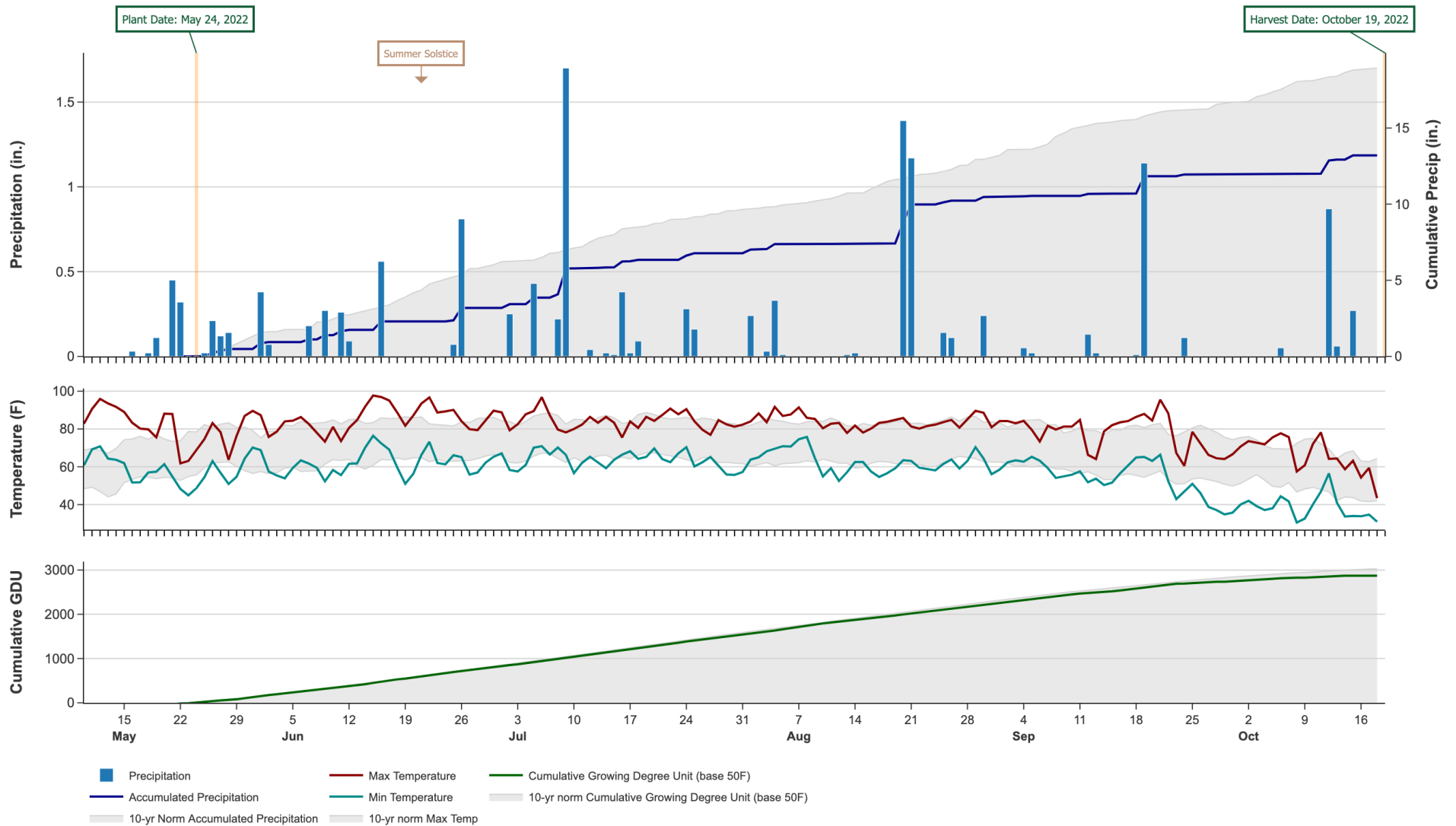
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2022 Soybeans - Illinois North Central [ILNC]

Weather Conditions Summary at GRIDLEY, IL

Weather Data Retrieved: 10/19/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.4 3.4 (-2.0)	2.7 4.7 (-2.0)	3.6 3.6 (-0.0)	3.7 3.4 (+0.3)	1.5 3.6 (-2.1)	1.2 2.2 (-1.0)	14.1 21.0 (-6.9)
GDU Normal (Diff)	417 340 (+76)	674 679 (-5)	724 762 (-38)	712 709 (+2)	503 545 (-42)	127 187 (-60)	3157 3224 (-67)



* 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 (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	PU
Apex	AE3330S	E3	R	3.3	PU
Apex	AE3720S	E3,ST	R	3.7	PU
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG38XF1 §	RXF	R	3.8	ACi
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Burrus	3875E	E3	R	3.8	PS
Cornelius	CB37XF70	RXF	R	3.7	PG+
DONMARIO	DM34E11	E3	R	3.4	CMBV
DONMARIO	DM35F23S	RXF,ST	R	3.5	CMBV
DONMARIO	DM3756E	E3	R	3.7	CMBV
DONMARIO	DM37E43S	E3,ST	R	3.7	CMBV
Dyna-Gro	S33EN42	E3	R	3.3	EQV,Sa,Va
Dyna-Gro	S35XF72	RXF	R	3.5	EQV,Sa,Va
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
FS HiSOY	HS 32F10	RXF	R	3.2	ACi,SA,B-200
FS HiSOY	HS 33E20	E3,ST	R	3.3	ACi,SA,B-200
FS HiSOY	HS 34F00	RXF	R	3.4	ACi,SA,B-200
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA,B-200
FS HiSOY	HS 37E10	E3,ST	R	3.7	ACi,SA,B-200
FS HiSOY	HS 37F00	RXF	R	3.7	ACi,SA,B-200
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
Genesis	G2960E	E3	R	2.9	EcTC,SA
Genesis	G3460ES	E3,ST	R	3.4	EcTC,SA
Genesis	G3760ES	E3,ST	R	3.7	EcTC,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3043E3	E3	R	3.0	CMBV,SA
Golden Harvest	GH3373E3S §	E3,ST	R	3.3	CMBV,SA
Golden Harvest	GH3762E3S	E3,ST	MR	3.7	CMBV,SA
Great Heart	GT-3644XF	RXF	R	3.6	Gr+
Great Heart	GT-3894ES	E3,ST	R	3.8	Gr+
Martin	M29-E3	E3	MR	2.9	EcTC,NF,NH
Martin	M31-E3	E3	MR	3.1	EcTC,NF,NH
Martin	M34-E3	E3	MR	3.4	EcTC,NF,NH
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMBV,SA
NK Brand	NK36-H9E3S §	E3,ST	R	3.6	CMBV,SA
NK Brand	NK37-V4E3S §	E3,ST	MR	3.7	CMBV,SA
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	30N05E	E3	R	3.0	Lum,Lu,IL
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
P3 Genetics	2136E	E3	R	3.6	PG+
P3 Genetics	2234E	E3	R	3.4	PG+
Pioneer	P29T37E §	E3	NA	2.9	Lum,Lu
Pioneer	P31T64E §	E3	NA	3.1	Lum,Lu
Pioneer	P35T01SE §	E3,ST	R	3.5	Lum,Lu
ProHarvest	35E12	E3	R	3.5	PU
Stine	31EF23 §	E3	R	3.1	SFI
Stine	32EE21 §	E3	R	3.2	SFI
Stine	38EF32 §	E3	R	3.8	SFI
Stone	2XF3352	RXF	R	3.3	ACi,IL
Stone	2XF3531	RXF	R	3.5	ACi,IL
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey
Xitavo	XO 3402E	E3	R	3.4	PV,IL,OB,Rey
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 3861E	E3	R	3.8	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
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC,NF,NH	Eclipse US Total Coverage Trio IM, N-Force, N-Hibit
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PS	MAS Pro-Shield
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I

* Seed treatments may include unspecified plant health promoting components.