

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

2021 Soybeans Top 30 Harvest Report

Wisconsin South [WISO] WATERTOWN, WI
Dean Weichmann, Jefferson County, WI 53038

All-Season Test	Maturity Group 1.8 - 2.5 S2021WISO04
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Lumax, Roundup, 2,4-D, Roundup
SOIL DESCRIPTION:	Tuscola silt loam, well drained, non-irrigated
SOIL CONDITION:	very high P, high K, 6.7 pH, 2.2% OM, 7.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Zidua Pro, Prefix, 41% Glyphos (2)
FERTILITY - Applied N:	21 Fall
Applied N-P-K (units):	21-0-90
SEDED - RATE - ROW:	May 10 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 22 151.8 /A

TEST COMMENTS:

This was a nice plot on a lighter sandier type soil. Plants were not all that tall due to the limited rainfall during the growing season, but they were loaded with pods. Most clusters were containing 3-4 pod sets with all 3 bean pods. Had to hug the ground with the header to try and get all the pods. Plants literally had beans 2" from the soil. There were hardly any diseases to note.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH2562XF ↗	RXF	2.5	R	83.9	15.0	1	147.7	1091	1
Golden Harvest	GH2102XF ↗	RXF	2.1	MR	83.2	14.7	1	164.7	1082	2
Genesis	G2190GL ↗	LLGT27	2.1	R	82.6	15.1	1	145.0	1074	3
Dairyland	DSR-2030E ↗	E3	1.9	R	82.5	15.0	1	161.7	1072	4
Pioneer	P20T64E § ↗	E3	2.0	R	81.6	15.2	1	159.0	1061	5
Loyal	L2440ES ↗	E3,ST	2.4	R	81.5	15.6	1	156.0	1060	6
Xitavo	XO 2181E ↗	E3	2.1	R	81.0	15.3	1	148.0	1053	7
NK Brand	NK21-H4XF ↗	RXF	2.1	MR	80.6	15.2	1	164.7	1048	8
Loyal	L2130E ↗	E3	2.1	R	80.5	15.4	1	147.7	1046	9
Credenz	CZ 2550GTLL ↗	LLGT27	2.5	MR	80.0	15.1	1	150.7	1040	10
Apex	AE2420S ↗	E3,ST	2.4	R	79.9	15.6	1	147.7	1039	11
FS HiSOY	21E00 ↗	E3	2.1	R	79.8	15.1	1	139.3	1037	12
Dairyland	DSR-1820E ↗	E3	1.8	R	79.7	14.8	1	167.3	1036	13
Renk	RS248NX ↗	RRX	2.4	R	79.5	14.7	1	164.7	1034	14
Credenz	CZ 2121GTLL ↗	LLGT27	2.1	MR	78.8	15.0	1	164.7	1024	15
Cornelius	CB23XF63 ↗	RXF	2.3	R	78.5	14.9	1	161.7	1020	16
Genesis	G2060E ↗	E3	2.0	R	78.2	15.0	1	156.3	1017	17
Dairyland	DSR-2590E ↗	E3	2.5	R	78.2	15.1	1	170.3	1017	18
Loyal	L1940E ↗	E3	1.9	R	77.4	15.2	1	161.7	1006	19
Xitavo	XO 1822E ↗	E3	1.8	R	77.2	15.3	1	136.7	1004	20
FS HiSOY	23E10 ↗	E3	2.3	R	77.1	15.2	1	139.3	1002	21
Genesis	G2550E ↗	E3	2.5	R	76.9	14.9	1	145.3	1000	22
Dairyland	DSR-2040E ↗	E3	2.0	R	76.9	14.6	1	159.3	1000	23
Cornelius	CB22XF02 ↗	RXF	2.2	R	76.6	14.9	1	170.3	996	24
Apex	AE2020 ↗	E3	2.0	R	76.4	15.1	1	147.7	993	25
NK Brand	NK25-C9XF § ↗	RXF	2.5	MR	76.3	14.5	1	164.7	992	26
Genesis	G1970E ↗	E3	1.9	R	76.3	14.7	1	136.7	992	27
Stine	21EE62 § ↗	E3	2.1	R	76.2	15.4	1	139.7	991	28
Xitavo	XO 2472E ↗	E3	2.4	R	76.2	15.6	1	136.7	991	29
Golden Harvest	GH1922E3 ↗	E3	1.9	R	76.0	14.8	1	148.0	988	30

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Averages = **75.6** **15.1** **1** **151.8** **983**

LSD (0.10) = 3.7 0.3 ns

LSD (0.25) = 1.9 0.2 ns

C.V. = 4.6

Historic yield: 55.0 bu/a, 20 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.00

Report Date: 10/23/2021

† 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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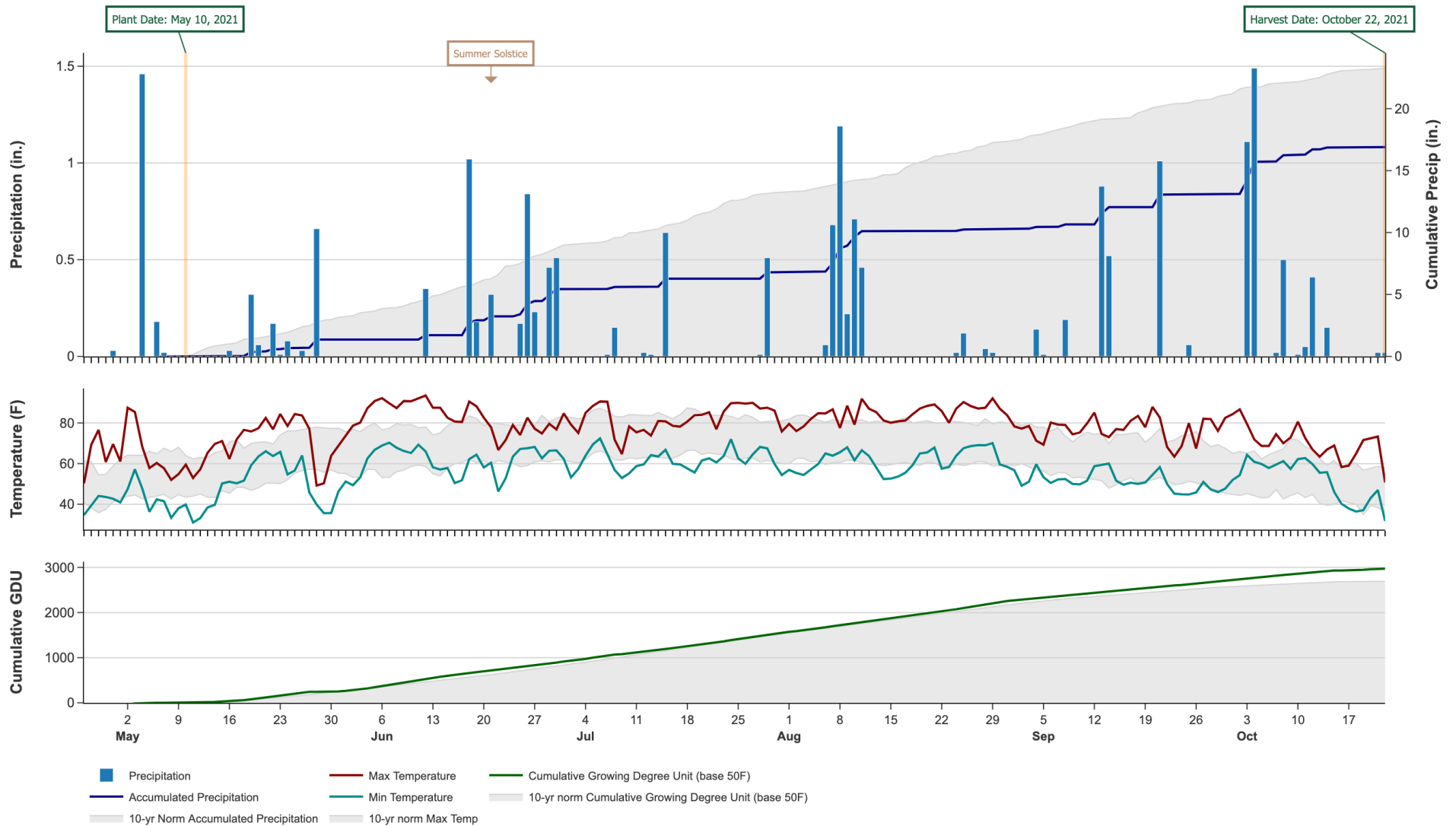
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2021 Soybeans - Wisconsin South [WISO]

Weather Conditions Summary at WATERTOWN, WI

Weather Data Retrieved: 10/23/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.0 0.7 (-0.6)	3.0 4.6 (-1.6)	4.1 5.6 (-1.5)	1.4 4.6 (-3.2)	3.5 4.1 (-0.6)	2.8 3.7 (-0.9)	3.8 2.2 (+1.6)	18.6 25.4 (-6.8)
GDU Normal (Diff)	38 10 (+27)	311 324 (-13)	640 557 (+82)	663 720 (-57)	699 637 (+61)	441 403 (+37)	276 123 (+152)	3068 2777 (+290)



* 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	AE1920	E3	R	1.9	CMBV,SA
Apex	AE1930	E3	R	1.9	CMBV,SA
Apex	AE2020	E3	R	2.0	CMBV,SA
Apex	AE2220	E3	R	2.2	CMBV,SA
Apex	AE2420S	E3,ST	R	2.4	CMBV,SA
Asgrow	AG22XF2 §	RXF	R	2.2	ACi,IL
Asgrow	AG24XF1 §	RXF	R	2.4	ACi,IL
Cornelius	CB22XF02	RXF	R	2.2	PG+
Cornelius	CB23XF63	RXF	R	2.3	PG+
Cornelius	CB24XF18	RXF	R	2.4	PG+
Credenz	CZ 2121GTLL	LLGT27	MR	2.1	PV,IL,OB
Credenz	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
Dairyland	DSR-1820E	E3	R	1.8	Lum,IL
Dairyland	DSR-2030E	E3	R	1.9	Lum,IL
Dairyland	DSR-2040E	E3	R	2.0	Lum,IL
Dairyland	DSR-2112E	E3	R	2.1	Lum,IL
Dairyland	DSR-2222E	E3	R	2.2	Lum,IL
Dairyland	DSR-2424E	E3	R	2.4	Lum,IL
Dairyland	DSR-2555E	E3	R	2.5	Lum,IL
Dairyland	DSR-2590E	E3	R	2.5	Lum,IL
FS HiSOY	19F10	RXF	R	1.9	ACi,B-200
FS HiSOY	21E00	E3	R	2.1	ACi,B-200
FS HiSOY	21F00	RXF	R	2.1	ACi,B-200
FS HiSOY	23E10	E3	R	2.3	ACi,B-200
FS HiSOY	23F10	RXF	R	2.3	ACi,SA,B-200
FS HiSOY	24F00	RXF	R	2.4	ACi,IL
FS HiSOY	25E00	E3	R	2.5	ACi,SA,B-200
Genesis	G1960E	E3	R	1.9	CMBV,SA
Genesis	G1970E	E3	R	1.9	CMBV,SA
Genesis	G2060E	E3	R	2.0	CMBV,SA
Genesis	G2190GL	LLGT27	R	2.1	CMBV,SA
Genesis	G2260E	E3	R	2.2	CMBV,SA
Genesis	G2460ES	E3,ST	R	2.4	CMBV,SA
Genesis	G2550E	E3	R	2.5	CMBV,SA
Golden Harvest	GH1922E3	E3	R	1.9	CMBV,SA
Golden Harvest	GH2102XF	RXF	MR	2.1	CMBV,SA
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMBV,SA
Golden Harvest	GH2562XF	RXF	R	2.5	CMBV,SA
LG Seeds	LG2215XF §	RXF	R	2.2	ACi,SA
Loyal	L1940E	E3	R	1.9	CMBV,SA
Loyal	L1950E	E3	R	1.9	CMBV,SA
Loyal	L2040E	E3	R	2.0	CMBV,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Loyal	L2130E	E3	R	2.1	CMBV,SA
Loyal	L2240E	E3	R	2.2	CMBV,SA
Loyal	L2440ES	E3,ST	R	2.4	CMBV,SA
Loyal	L2530E	E3	R	2.5	CMBV,SA
NK Brand	NK21-H4XF	RXF	MR	2.1	CMBV,SA
NK Brand	NK22-C4E3	E3	R	2.2	CMBV,SA
NK Brand	NK24-G7E3 §	E3	R	2.4	CMBV,SA
NK Brand	NK25-C9XF §	RXF	MR	2.5	CMBV,SA
P3 Genetics	2222E	E3	R	2.2	PG+
Pioneer	P20T64E §	E3	R	2.0	Lu,G,IL
Pioneer	P24T35E §	E3	R	2.4	Lu,G,IL
Pioneer	P25T09E §	E3	R	2.5	Lu,G,IL
Renk	RS242NXF	RXF	R	2.4	EcTC,SA
Renk	RS248NX	RRX	R	2.4	EcTC,SA
Stine	20EE23 §	E3	R	2.0	SFI
Stine	21EE62 §	E3	R	2.1	SFI
Stine	24EE32 §	E3	R	2.4	SFI
Xitavo	XO 1822E	E3	R	1.8	IL,PV
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB
Xitavo	XO 2282E	E3	R	2.2	PV,IL,OB
Xitavo	XO 2472E	E3	R	2.4	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
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
IL,PV	Poncho/Votivo, ILeVO, Excalibre SA
Lu,G,IL	Lumisena™, Gaucho, ILeVO
Lum,IL	LumiGEN™ plus ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I

* Seed treatments may include unspecified plant health promoting components.