

Test by: M&D Seed Research, LLC Van Buren, IN

2021 Soybeans Top 30 Harvest Report

Indiana North [INNO] VALPARAISO, IN

Wyckoff Hybrids, Inc., Matt Goetz, Laporte County, IN

All-Season Test Maturity Group **2.4 - 3.4**
S2021INNO07

Top 30 of 72 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Keystone Plus
SOIL DESCRIPTION: Sebewa Loam loam, mod.
poorly drained, non-irrigated
SOIL CONDITION: very high P, very high K, 5.5 pH,
17.8% OM, 27.2 CEC
TILLAGE/CULTIVATION: Conventional W/ Fall Till
PEST MANAGEMENT: Authority, Round Up, Zolera,
Tundra
FERTILITY - Applied N: 1 quart of Manganese/ acre
Applied N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 14 140.0 /A 30" spacing
HARVESTED - STAND: Nov 8 129.7 /A

TEST COMMENTS:

This site was planted in mid-May into good conditions with lots of moisture. This plot had great emergence and looked uniform from the beginning. Good early and mid-season growing conditions combined with good field fertility helped this plot get strong growth and tall during the season. The plot did have some lodging at harvest but cut nice with no green left in the plot. Overall a good yielding plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyckoff	W3060E3 ↗	E3	3.0	R	77.8	13.5	1	137.3	933	1
Xitavo	XO 2832E ↗	E3	2.8	R	76.7	13.8	1	139.0	919	2
Xitavo	XO 2921E ↗	E3	2.9	R	76.0	13.5	2	129.7	911	3
Ebberts	E2960 E3 ↗	E3	2.9	R	75.7	13.8	1	135.7	907	4
Pioneer	P28T14E § ↗	E3	2.8	R	75.7	13.5	2	131.7	907	5
FS HiSOY	34F00 ↗	RXF	3.4	R	75.0	13.5	1	135.3	899	6
Dairyland	DSR-2844E ↗	E3	2.8	R	74.1	13.6	2	137.3	888	7
Stine	28EC32 § ↗	E3	2.8	R	74.0	13.6	1	135.3	887	8
Dyna-Gro	S29EN62 ↗	E3	2.9	R	74.0	13.8	1	136.5	887	9
FS HiSOY	25E00 ↗	E3	2.5	R	73.2	13.7	6	128.0	877	10
Genesis	G2960E ↗	E3	2.9	R	73.1	13.5	2	122.0	876	11
Asgrow	AG30XF2 § ↗	RXF	3.0	R	73.0	13.6	1	122.0	875	12
Apex	AE2920 ↗	E3	2.9	R	72.8	13.7	1	124.0	872	13
Dairyland	DSR-2999E ↗	E3	2.9	R	72.6	13.6	1	132.0	870	14
Dyna-Gro	S28XF92S ↗	RXF,ST	2.8	R	72.6	13.7	4	124.0	870	15
Ebberts	E3151 E3 ↗	E3	3.1	NA	72.4	13.9	3	131.7	867	16
FS HiSOY	32E00 ↗	E3	3.2	R	72.2	13.7	1	118.0	865	17
NK Brand	NK31-J9XF § ↗	RXF	3.1	MR	72.1	13.9	6	133.3	864	18
Wyckoff	W2960E3 ↗	E3	2.9	R	71.9	13.8	1	118.0	861	19
FS HiSOY	28E10 ↗	E3	2.8	R	71.5	13.7	1	128.0	857	20
Stine	24EE32 § ↗	E3	2.4	R	71.4	13.5	1	126.0	856	21
Wyckoff	W3460E3 ↗	E3,ST	3.4	R	71.1	13.9	4	137.3	852	22
Wyckoff	W2460E3 ↗	E3,ST	2.4	R	71.0	13.3	1	126.0	851	23
Dairyland	DSR-3146E ↗	E3	3.1	R	70.7	13.7	2	131.7	847	24
NK Brand	NK31-M7E3 § ↗	E3	3.1	R	70.5	13.4	1	133.7	845	25
Pioneer	P30T99E § ↗	E3	3.0	R	70.5	13.8	1	133.3	845	26
Dairyland	DSR-2640E ↗	E3	2.6	R	70.4	13.6	1	135.7	844	27
Pioneer	P31T64E § ↗	E3	3.1	NA	70.3	13.6	4	131.7	843	28
FS HiSOY	32F10 ↗	RXF	3.2	R	70.3	13.2	1	139.0	843	29
Local Seed	IS3371E3 ↗	E3	3.3	NA	70.1	13.6	1	116.0	840	30

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Averages = **69.1** **13.7** **2** **129.7** **828**

LSD (0.10) = 5.1 0.3 2

LSD (0.25) = 2.7 0.1 1

C.V. = 7.0

Historic yield: 63.4 bu/a, 2 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$12.00; non-GMO = \$12.00

Report Date: 11/09/2021

Revised: 12/14/2021 Corrected harvest date to the right month

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

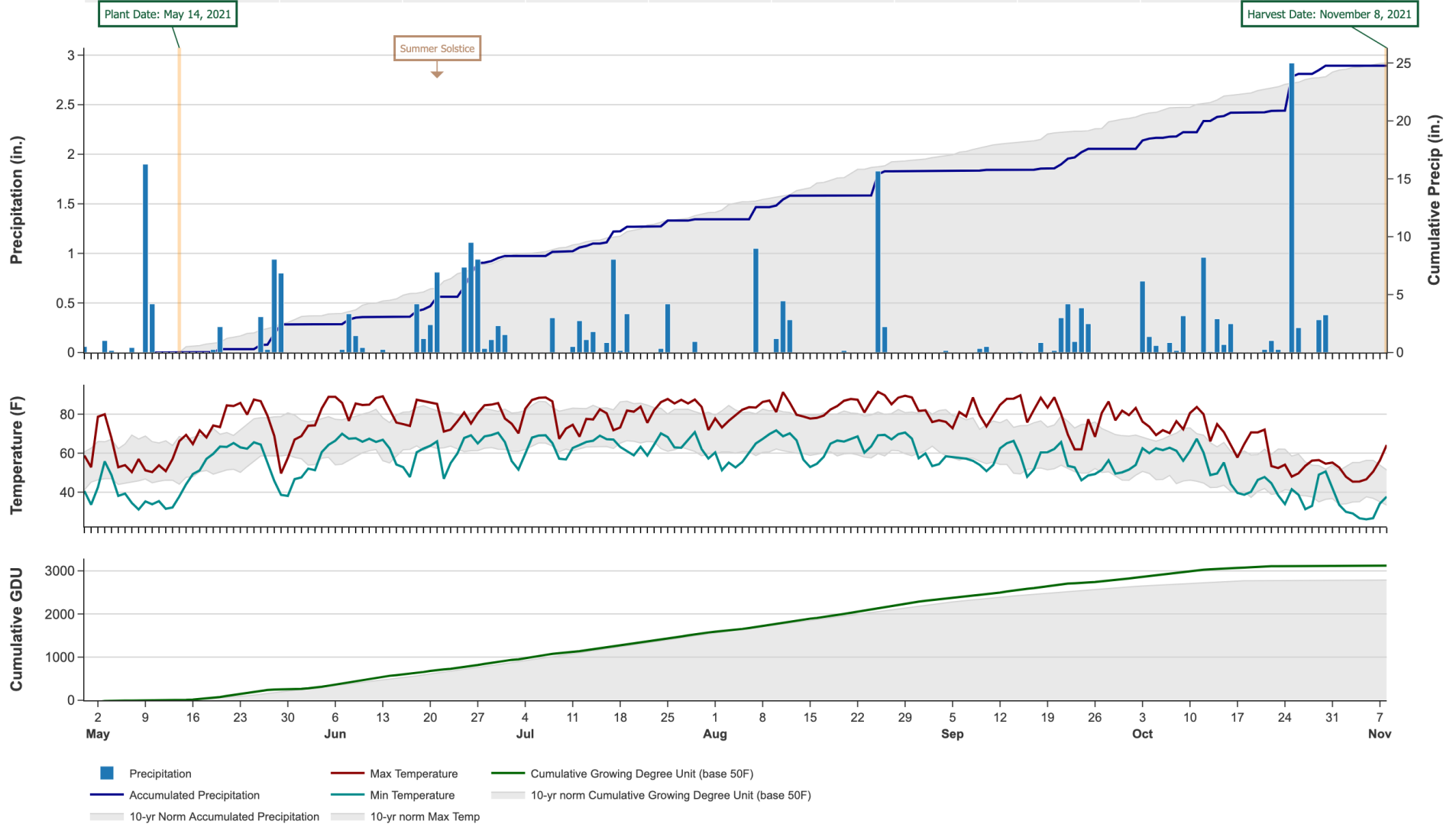
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2021 Soybeans - Indiana North [INNO]

Weather Conditions Summary at VALPARAISO, IN

Weather Data Retrieved: 12/14/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	0.1 0.3 (-0.2)	5.0 5.1 (-0.1)	5.7 5.1 (+0.7)	3.3 4.2 (-0.8)	4.2 4.6 (-0.4)	1.9 3.5 (-1.6)	7.2 4.1 (+3.1)	0.0 0.8 (-0.8)	27.4 27.5 (-0.1)
GDU Normal (Diff)	0 5 (-5)	306 346 (-40)	643 594 (+48)	672 713 (-41)	714 631 (+82)	522 445 (+76)	305 167 (+137)	7 0 (+7)	3169 2904 (+264)



* 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 (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2420S	E3,ST	R	2.4	CMBV,SA
Apex	AE2920	E3	R	2.9	CMBV,SA
Apex	AE3220	E3	R	3.2	CMBV,SA
Apex	AE3310	E3	R	3.3	CMBV,SA
Apex	AE3420	E3	R	3.4	CMBV,SA
Asgrow	AG28XF2 §	RXF	R	2.8	ACi,IL
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Asgrow	AG31XF2 §	RXF	R	3.1	ACi
Asgrow	AG34XF2 §	RXF	R	3.4	ACi,IL
Dairyland	DSR-2590E	E3	R	2.5	Lum,IL
Dairyland	DSR-2640E	E3	R	2.6	Lum,IL
Dairyland	DSR-2844E	E3	R	2.8	Lum,IL
Dairyland	DSR-2999E	E3	R	2.9	Lum,IL
Dairyland	DSR-3146E	E3	R	3.1	Lum,IL
Dairyland	DSR-3177E	E3	R	3.1	Lum,IL
Dairyland	DSR-3256E	E3	R	3.2	Lum,IL
Dairyland	DSR-3365E	E3	R	3.3	Lum,IL
Dyna-Gro	S27EN89	E3	R	2.7	EQV,SA
Dyna-Gro	S28EN22	E3	MR	2.8	EQV,SA
Dyna-Gro	S28XF92S	RXF,ST	R	2.8	EQV,SA
Dyna-Gro	S29EN62	E3	R	2.9	EQV,SA
Dyna-Gro	S31EN91	E3	R	3.1	EQV,SA
Dyna-Gro	S31XF82	RXF	R	3.1	EQV,SA
Dyna-Gro	S33XF62	RXF	R	3.3	EQV,SA
Ebberts	282XF	RXF	R	2.8	IS,Ri
Ebberts	312XF	RXF	R	3.1	IS,Ri
Ebberts	352XF	RXF	R	3.4	IS,Ri
Ebberts	E2960 E3	E3	R	2.9	IS,Ri
Ebberts	E3151 E3	E3	NA	3.1	IS,Ri
Ebberts	E3350 E3	E3	R	3.3	IS,Ri
Ebberts	E3460 E3	E3	R	3.4	IS,Ri
Ebberts	E3560 E3	E3	R	3.4	IS,Ri
FS HiSOY	25E00	E3	R	2.5	ACi,SA
FS HiSOY	27E10	E3	R	2.7	ACi,B-200
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
FS HiSOY	29F10	RXF	R	2.9	ACi,SA
FS HiSOY	31F10	RXF	R	3.1	ACi,B-200
FS HiSOY	32E00	E3	R	3.2	ACi,SA,B-200
FS HiSOY	32F10	RXF	R	3.2	ACi,SA,B-200
FS HiSOY	34F00	RXF	R	3.4	ACi,B-200
Genesis	G2460ES	E3,ST	R	2.4	CMBV,SA
Genesis	G2960E	E3	R	2.9	CMBV,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Genesis	G3260E	E3	R	3.2	CMBV,SA
Genesis	G3460E	E3	R	3.4	CMBV,SA
Great Heart	GT-3016XF	RXF	R	3.0	Gr+
Local Seed	IS2748E3	E3	NA	2.7	RP
Local Seed	IS3371E3	E3	NA	3.3	RP
Local Seed	LS2504XFS	RXF	NA	2.5	RP
Local Seed	LS3019XF	RXF	NA	3.0	RP
NK Brand	NK29-A5E3	E3	MR	2.9	CMBV,SA
NK Brand	NK31-J9XF §	RXF	MR	3.1	CMBV,SA
NK Brand	NK31-M7E3 §	E3	R	3.1	CMBV,SA
NK Brand	NK33-R4E3S §	E3,ST	R	3.3	CMBV,SA
Partners Brand	PB 2922 E3	E3	R	2.9	Untreated
Partners Brand	PB3419E3	E3	MR	3.4	A2020
Pioneer	P28T14E §	E3	R	2.8	Treated
Pioneer	P30T99E §	E3	R	3.0	Lum,Lu,IL
Pioneer	P31T64E §	E3	NA	3.1	Treated
Stine	24EE32 §	E3	R	2.4	SFI
Stine	25EB32 §	E3	R	2.5	SFI
Stine	28EC32 §	E3	R	2.8	SFI
Wyckoff	W2460E3	E3,ST	R	2.4	WyK
Wyckoff	W2860E3	E3	R	2.8	WyK
Wyckoff	W2960E3	E3	R	2.9	WyK
Wyckoff	W3060E3	E3	R	3.0	WyK
Wyckoff	W3160E3	E3	R	3.1	WyK
Wyckoff	W3221E3	E3	R	3.2	WyK
Wyckoff	W3260E3	E3	R	3.2	WyK
Wyckoff	W3460E3	E3,ST	R	3.4	WyK
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Xitavo	XO 3131E	E3	R	3.1	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
A2020	Alert 2020 (Partners Brand Seed)
ACi	Acceleron® Standard Insecticide-Fungicide
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®
EQV,SA	Equity VIP, Saltro®
Gr+	Great Start Max Plus (Great Heart Seed)
IS,Ri	Intego® Suite, Rizolex
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
RP	Radius Premium (Local Seed Co)
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment
WyK	WyckOAT fueled by Soy-Defense (Wyckoff Hybrids)

* Seed treatments may include unspecified plant health promoting components.