

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

## 2021 Soybeans Top 30 Harvest Report

Iowa North [IANO] OSAGE, IA

Dale Hemann, Michell County, IA 50461

<b>Full-Season Test</b>	2.2 - 2.5 Day CRM S2021IANO03b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Halex Gt, Atrazine
<b>SOIL DESCRIPTION:</b>	Disndale silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.2 pH, 4.1% OM, 20.5 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Matador, Warrant Ultra, Section Three
<b>FERTILITY - Applied N:</b>	13.5# S
<b>Applied N-P-K (units):</b>	0-58-91
<b>SEEDED - RATE - ROW:</b>	May 11 144.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 15 120.0 /A

### TEST COMMENTS:

*This area had some issues with frost around Memorial Day. Early planted beans and low-lying field edges were hit hardest. The plot area within Dale's field was not severely affected by the frost, however, the cold soils that persisted after planting did reduce stands that appeared to be variety specific. The growing season was mostly dry until a deluge of 11.5" fell from Aug 21 thru Sept 3. Lodging was more prevalent in the early season varieties. Due to the severity of lodging, the plot was harvested in one direction.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
P3 Genetics	2223E ↗	E3	2.3	R	<b>69.7</b>	12.3	6	120.7	871	1
Genesis	G2460ES ↗	E3,ST	2.4	R	<b>67.4</b>	12.2	0	98.0	843	2
Latham	L 2458 E3 ↗	E3	2.4	R	<b>66.9</b>	12.3	8	121.0	836	3
Golden Harvest	GH2292E3 ↗	E3	2.2	MR	<b>65.7</b>	12.1	0	119.3	821	4
NK Brand	NK22-C4E3 ↗	E3	2.2	R	<b>65.6</b>	12.0	0	119.7	820	5
Zinesto	Z2302SE ↗	E3,ST	2.3	NA	<b>65.1</b>	12.3	14	114.3	814	6
Asgrow	AG24XF1 § ↗	RXF	2.4	R	<b>64.9</b>	12.5	0	136.7	811	7
Zinesto	Z2202E ↗	E3	2.2	NA	<b>64.7</b>	12.2	0	122.0	809	8
Apex	AE2420S ↗	E3,ST	2.4	R	<b>64.4</b>	12.3	0	123.0	805	9
Stine	24EE32 § ↗	E3	2.4	R	<b>64.2</b>	12.3	18	112.3	802	10
FS HiSOY	25E00 ↗	E3	2.5	R	<b>64.1</b>	12.1	8	114.7	801	11
Apex	AE2220 ↗	E3	2.2	R	64.0	12.0	5	115.3	800	12
P3 Genetics	2222E ↗	E3	2.2	R	64.0	11.9	3	114.0	800	13
Hefty	H25X0 ↗	RRX	2.5	R	63.7	12.3	0	105.7	796	14
Latham	L 2549 R2X ↗	RRX	2.5	R	63.4	11.9	0	121.3	792	15
Genesis	G2260E ↗	E3	2.2	R	63.1	12.0	0	122.0	789	16
Kruger	K2594XF ↗	RXF	2.5	R	62.8	12.6	0	134.7	785	17
Kruger	K2294XF ↗	RXF	2.2	R	62.7	12.4	0	129.3	784	18
FS HiSOY	23E10 ↗	E3	2.3	R	62.6	12.2	3	124.0	782	19
Genesis	G2550E ↗	E3	2.5	R	61.8	12.1	11	123.3	772	20
FS HiSOY	23F10 ↗	RXF	2.3	R	61.3	12.3	12	120.0	766	21
Renk	RS248NX ↗	RRX	2.4	R	61.1	12.4	0	128.3	764	22
Credenz	CZ 2550GTLL ↗	LLGT27	2.5	MR	61.0	12.1	0	119.7	762	23
Zinesto	Z2401E ↗	E3	2.4	R	60.6	11.8	11	128.3	758	24
Viking	2418N ↗	CONV	2.4	MR	60.6	12.0	5	116.7	758	25
Cornelius	CB23XF63 ↗	RXF	2.3	R	60.5	12.3	12	123.7	756	26
Kruger	K2391XF ↗	RXF	2.3	R	60.3	12.4	3	130.0	754	27
Hefty	H23XF1 ↗	RXF	2.3	NA	60.2	12.2	0	115.7	752	28
Xitavo	XO 2501E ↗	E3	2.5	R	60.1	12.2	3	120.0	751	29
Hefty	H24XF2 ↗	RXF	2.4	NA	59.6	12.5	5	107.0	745	30
Croplan	CP2200X CK	RRX	2.2	R	59.2	11.9	30	118.3	740	33
					Averages =	<b>60.9</b>	<b>12.2</b>	<b>8</b>	<b>120.0</b>	<b>761</b>
					LSD (0.10) =	3.3	0.3	12		
					LSD (0.25) =	1.7	0.1	6		
					C.V. =	5.2	Historic yield: 56.77 bu/a, 10 yr(s)			

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.50

Report Date: 10/16/2021

† 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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