

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

2021 Soybeans Top 30 Harvest Report

Iowa North [IANO] VENTURA, IA

Brent Renner, Cerro Gordo County, IA

Full-Season Test	2.2 - 2.5 Day CRM S2021IANO02b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Dual, Capreno, Atrazine
SOIL DESCRIPTION:	Webster clay loam, moderately drained, non-irrigated
SOIL CONDITION:	very high P, medium K, 7.1 pH, 4.5% OM, 25.2 CEC
TILLAGE/CULTIVATION:	Strip-Till
PEST MANAGEMENT:	Warrant Ultra, Section Three, Cover-XI, Silencer
Applied N-P-K (units):	0-48-87
SEEDED - RATE - ROW:	May 17 144.0 /A 30" spacing
HARVESTED - STAND:	Oct 14 125.4 /A

TEST COMMENTS:

A short stretch of cold, wet weather kept us from planting this plot at Brent's farm until mid-May. Twelve days after planting we had another cold night that came just as plants were beginning to emerge. Differences were observed among varieties when stand counts were recorded and some appeared to handle the cold better than others. We recorded 7.7" of rainfall from Aug 20 - Sept 3 on this site, which was a break from the dry conditions in this area since mid-July. Plants were tall at harvest and seed size was excellent.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSOY	25E00 ↗	E3	2.5	R	77.6	10.3	0	129.3	970	1
Loyal	L2530E ↗	E3	2.5	R	77.4	10.4	0	127.0	968	2
P3 Genetics	2223E ↗	E3	2.3	R	77.2	10.4	3	127.3	965	3
Hefty	H25X0 ↗	RRX	2.5	R	76.2	10.2	0	120.0	952	4
Apex	AE2420S ↗	E3,ST	2.4	R	75.6	10.8	3	114.7	945	5
Kruger	K2294XF ↗	RXF	2.2	R	75.1	10.9	0	115.0	939	6
Genesis	G2260E ↗	E3	2.2	R	75.0	10.3	0	124.7	938	7
NuTech	24N04E ↗	E3	2.4	R	74.9	10.2	1	125.7	936	8
Zinesto	Z2302SE ↗	E3,ST	2.3	NA	74.9	10.5	0	121.3	936	9
Renk	RS248NX ↗	RRX	2.4	R	74.6	10.8	0	129.7	932	10
Xitavo	XO 2501E ↗	E3	2.5	R	74.5	10.3	0	121.0	931	11
Zinesto	Z2401E ↗	E3	2.4	R	74.4	10.3	0	129.3	930	12
Latham	L 2549 R2X ↗	RRX	2.5	R	74.4	10.0	0	127.3	930	13
Genesis	G2550E ↗	E3	2.5	R	74.3	10.3	0	131.7	929	14
FS HiSOY	23E10 ↗	E3	2.3	R	73.9	10.4	0	120.0	924	15
Cornelius	CB23XF63 ↗	RXF	2.3	R	73.6	10.6	0	130.7	920	16
Viking	2418N ↗	CONV	2.4	MR	73.5	10.2	16	131.0	919	17
Hefty	H25XF1 ↗	RXF	2.5	NA	73.2	10.7	0	126.7	915	18
Kruger	K2594XF ↗	RXF	2.5	R	73.0	10.6	0	124.3	912	19
Zinesto	Z2202E ↗	E3	2.2	NA	72.9	10.1	1	134.3	911	20
Latham	L 2494 XF ↗	RXF	2.4	R	72.9	11.1	0	121.7	911	21
Kruger	K2391XF ↗	RXF	2.3	R	72.7	10.9	0	122.3	909	22
Renk	RS242NXF ↗	RXF	2.4	R	72.7	10.3	0	122.7	909	23
FS HiSOY	23F10 ↗	RXF	2.3	R	72.3	10.8	0	126.3	904	24
NuTech	22N02E ↗	E3	2.2	R	72.1	10.3	16	128.3	901	25
Latham	L 2458 E3 ↗	E3	2.4	R	72.1	10.6	3	125.3	901	26
NK Brand	NK25-C9XF ↗	RXF	2.5	MR	71.6	10.2	0	118.7	895	27
NK Brand	NK22-C4E3 ↗	E3	2.2	R	71.3	10.3	0	123.0	891	29
Golden Harvest	GH2562XF § ↗	RXF	2.5	R	71.1	10.4	5	118.0	889	30
Hefty	H24XF2 ↗	RXF	2.4	NA	70.9	10.5	3	124.0	886	31
Croplan	CP2200X CK	RRX	2.2	R	71.3	10.7	0	129.7	891	28

Corey Rozenboom

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Averages = **71.4** **10.5** **2** **125.4** **892**

LSD (0,10) = 3.9 0.3 ns

LSD (0,25) = 2.1 0.2 ns

C.V. = 5.2

Historic yield: new site

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

Report Date: 10/15/2021

† 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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