

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

2021 Soybeans Top 30 Harvest Report

Iowa North [IANO] NEW HAMPTON, IA

Mark Bruening, Chickasaw County, IA 50659

Full-Season Test	2.2 - 2.5 Day CRM S2021IANO04b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Stalwart, Atrazine, Roundup
SOIL DESCRIPTION:	Readlyn silt loam, well drained, non-irrigated
SOIL CONDITION:	very high P, medium K, 6.4 pH, 4.4% OM, 19.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	2-4d, Sencor, Dual, Prefix, Select, First Rate
Applied N-P-K (units):	0-0-150
SEEDED - RATE - ROW:	May 11 144.0 /A 30" spacing
HARVESTED - STAND:	Oct 16 121.4 /A

TEST COMMENTS:

Mark's Readlyn silty loam on this farm is typically very productive and produces great bean crops. Conditions were favorable for emergence for 2 weeks after planting but a cold snap around Memorial Day might have impacted stands slightly. A final stand average of 81% of the planted population revealed the struggle seedlings had to overcome in the early weeks of development. The Aug 21 - Sept 3 rain showers that covered this area brought plants new vigor and filled pods nicely. However, green stems were a common sight in bean fields across the area for the first couple of weeks of harvest.

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	81.0	13.0	0	108.7	1012	1
Hefty	H25X0 ↗	RRX	2.5	R	77.6	12.6	0	122.7	970	2
P3 Genetics	2223E ↗	E3	2.3	R	77.3	13.3	0	123.3	966	3
Renk	RS248NX ↗	RRX	2.4	R	77.1	13.7	0	127.3	963	4
Cornelius	CB23XF63 ↗	RXF	2.3	R	76.4	13.1	0	119.0	955	5
Genesis	G2550E ↗	E3	2.5	R	75.8	12.9	0	122.0	948	6
FS HiSOY	24F00 ↗	RXF	2.4	R	75.7	13.4	0	121.0	946	7
Latham	L 2549 R2X ↗	RRX	2.5	R	75.5	12.8	0	112.3	944	8
NuTech	22N02E ↗	E3	2.2	R	74.5	12.9	0	117.3	931	9
Viking	2418N ↗	CONV	2.4	MR	74.0	13.1	0	126.3	925	10
Zinesto	Z2202E ↗	E3	2.2	NA	73.5	12.9	0	105.0	919	11
Kruger	K2594XF ↗	RXF	2.5	R	73.5	13.3	0	122.3	918	12
Latham	L 2494 XF ↗	RXF	2.4	R	73.0	13.3	0	128.3	912	13
NuTech	24N04E ↗	E3	2.4	R	72.2	12.7	0	126.0	902	15
Latham	L 2458 E3 ↗	E3	2.4	R	72.0	13.1	0	114.7	900	16
Kruger	K2294XF ↗	RXF	2.2	R	71.9	13.6	0	125.3	898	18
Xitavo	XO 2501E ↗	E3	2.5	R	71.9	12.9	0	112.7	899	17
NK Brand	NK25-C9XF ↗	RXF	2.5	MR	71.7	12.5	3	127.7	896	19
Golden Harvest	GH2562XF § ↗	RXF	2.5	R	71.6	12.7	11	114.7	895	20
FS HiSOY	23E10 ↗	E3	2.3	R	71.3	12.9	8	130.3	891	21
P3 Genetics	2222E ↗	E3	2.2	R	71.3	12.9	0	110.3	891	22
Hefty	H24XF2 ↗	RXF	2.4	NA	71.3	13.4	0	127.3	891	23
Loyal	L2530E ↗	E3	2.5	R	71.2	13.0	3	131.3	890	24
Golden Harvest	GH2292E3 ↗	E3	2.2	MR	71.0	12.9	0	132.7	888	25
Credenz	CZ 2550GTLL ↗	LLGT27	2.5	MR	70.5	13.0	0	130.7	881	26
Zinesto	Z2302SE ↗	E3,ST	2.3	NA	70.4	13.4	0	113.3	879	27
NK Brand	NK22-C4E3 ↗	E3	2.2	R	70.3	12.9	0	105.7	879	28
Credenz	CZ 2360GTLL ↗	LLGT27	2.3	MR	70.1	13.0	0	127.7	876	29
Renk	RS242NXF ↗	RXF	2.4	R	70.1	12.8	0	114.3	876	30
Apex	AE2220 ↗	E3	2.2	R	69.9	12.9	0	120.0	874	31
Croplan	CP2200X CK	RRX	2.2	R	72.7	12.9	5	125.7	909	14
					Averages =	70.9	13.1	2	121.4	886
					LSD (0,10) =	4.2	0.3	7		
					LSD (0,25) =	2.2	0.2	4		
					C.V. =	5.6				
corey.rozenboom@firstseedtests.com, (319) 830-8886					Historic yield: 55.17 bu/a, 19 yr(s)					

Corey Rozenboom

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

Report Date: 10/17/2021

† 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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