

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

2021 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] HARTLEY, IA
Clint Van Beek, O'Brien County, IA 51346

Full-Season Test	2.5 - 2.8 Day CRM S2021IANW02b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Resicore, Veltyma
SOIL DESCRIPTION:	Galva silty clay loam, moderately drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.5 pH, 4.3% OM, 25.4 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Authority First, Roundup, Warrant Ultra, Section Three, Priaxor
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	May 18 144.0 /A 30" spacing
HARVESTED - STAND:	Oct 12 131.4 /A

TEST COMMENTS:

This part of Clint's field has a history of injected swine manure for at least every other year over the past 20+ years and fertility levels are very high. These conditions have led to the development of white mold that can really separate differences among varieties at harvest (yield differences of 30 bu/a). With the consistency of rainfall experienced this season on the farm, conditions were right to produce very tall plants that canopied quickly and favored white mold. Most varieties handled it well, but a handful of later varieties, especially in the full season trial, were impacted severely which dragged down the yield average for the entire trial.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P25A54X GC ↗	RRX	2.5	R	71.6	12.9	8	133.0	895	1
Xitavo	XO 2832E ↗	E3	2.8	R	71.1	13.2	0	125.7	888	2
FS HISOY	28E10 ↗	E3	2.8	R	69.6	13.2	0	129.0	870	3
FS HISOY	25E00 ↗	E3	2.5	R	69.1	13.0	5	133.3	864	4
Latham	L 2887 R2X ↗	RRX	2.8	R	69.0	13.0	22	129.0	862	5
Credenz	CZ 2550GTLL ↗	LLGT27	2.5	MR	66.9	12.9	0	137.0	836	6
Genesis	G2550E ↗	E3	2.5	R	66.8	12.8	5	135.0	835	7
Latham	L 2894 E3 ↗	E3	2.8	R	66.5	12.9	5	124.7	831	8
Kruger	K2594XF ↗	RXF	2.5	R	65.7	13.1	0	135.3	821	9
FS HISOY	27E10 ↗	E3	2.7	R	65.4	13.0	0	127.3	818	10
Pioneer	P26T23E § ↗	E3	2.6	R	65.2	13.2	0	139.3	815	11
NK Brand	NK25-C9XF ↗	RXF	2.5	MR	64.9	12.8	5	133.0	811	12
Stine	25EB32 § ↗	E3	2.5	R	64.9	13.1	0	124.3	811	13
Golden Harvest	GH2562XF § ↗	RXF	2.5	R	63.8	13.0	65	136.0	798	14
Asgrow	AG27XF1 § ↗	RXF	2.7	R	63.5	13.1	0	133.3	794	15
Asgrow	AG27XF2 § ↗	RXF	2.7	R	63.4	12.8	0	118.3	792	16
Xitavo	XO 2501E ↗	E3	2.5	R	63.3	13.0	16	136.0	791	17
Credenz	CZ 2760GTLL ↗	LLGT27	2.7	R	62.6	13.1	0	133.0	782	18
Hoegemeyer	2660 E ↗	E3	2.6	R	62.1	13.1	0	126.7	776	19
Pioneer	P26T57E § ↗	E3	2.6	R	61.7	12.9	0	129.0	771	20
Hefty	H25XF1 ↗	RXF	2.5	NA	61.3	13.2	48	134.0	766	21
Golden Harvest	GH2722XF GC ↗	RXF	2.7	MR	61.0	12.9	8	130.0	762	22
Pioneer	P27A17X § ↗	RRX	2.7	R	60.9	13.0	0	130.3	761	23
Latham	L 2786 XF ↗	RXF	2.7	R	60.9	13.7	0	124.3	760	24
Kruger	K2793XF ↗	RXF	2.7	R	60.6	13.1	0	124.3	757	25
Federal	F2520N GC ↗	RXF	2.5	R	59.8	12.9	0	138.7	748	27
Asgrow	AG26XF1 § ↗	RXF	2.6	R	58.8	13.4	0	137.3	735	28
Golden Harvest	GH2872XF ↗	RXF	2.8	R	58.6	13.4	0	123.7	732	29
Hefty	H28X8 ↗	RRX	2.8	R	58.3	13.2	0	132.3	729	30
Latham	L 2839 LLGT27 ↗	LLGT27	2.8	R	56.8	13.3	0	135.3	710	31
Croplan	CP2400X CK	RRX	2.4	R	60.5	13.0	0	132.0	756	26
					Averages =	61.7	13.1	8	131.4	771
					LSD (0,10) =	5.6	0.2	13		
					LSD (0,25) =	2.9	0.1	7		
					C.V. =	8.5	Historic yield: 55.89 bu/a, 10 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: 10/13/2021

† 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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