

Test by: MNS Seed Testing, LLC New Richland, MN

2021 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] BERESFORD, SD
Jason Frick, Clay County, SD 57004

All-Season Test	2.1 - 2.8 Day CRM S2021SDSE02
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / NA
SOIL DESCRIPTION:	Egan-Ethan-Tetonka sandy clay loam, well drained, non-irrigated
SOIL CONDITION:	low P, very high K, 7.0 pH, 4.3% OM, 21.4 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Cobra, Round-Up
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 16 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 9 113.4 /A

TEST COMMENTS:

A pre-emerge herbicide was not used and by the end of June, some weed pressure was evident. A post-emergence spray included Cobra and we had only sparse weeds for harvest. The drought in the area coupled with some burned leaves from herbicide application stressed the beans and brought down yield potential. This site had dicamba drift from neighboring fields in June, but the post-emerge spray seemed to have a bigger effect. One replicate was removed due to higher variation. There was no significant difference between yield in dicamba-tolerant and non-tolerant varieties.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Zinesto	Z2401E ↗	E3	2.4	R	60.8	13.8	1	112.5	728	1
Golden Harvest	GH2562XF § ↗	RXF	2.5	R	54.6	13.5	1	115.5	653	2
Hefty	H28X8 ↗	RRX	2.8	R	52.9	13.3	1	118.0	634	3
Latham	L 2638 E3 ↗	E3	2.6	R	52.1	14.0	1	116.0	623	4
Latham	L 2839 LLGT27 ↗	LLGT27	2.8	R	49.7	14.5	1	116.5	593	5
Apex	AE2420S ↗	E3,ST	2.4	R	48.6	14.3	1	110.5	581	6
Latham	L 2786 XF ↗	RXF	2.7	R	48.3	14.8	1	118.0	577	7
Hefty	H23XF1 ↗	RXF	2.3	NA	45.9	14.5	1	115.0	548	8
Asgrow	AG26XF1 § ↗	RXF	2.6	R	45.8	14.5	1	115.5	547	9
Hoegemeyer	2660 E ↗	E3	2.6	R	45.5	13.8	1	118.0	545	10
Latham	L 2887 R2X ↗	RRX	2.8	R	45.2	13.0	3	115.0	541	11
Golden Harvest	GH2292E3 § ↗	E3	2.2	MR	45.1	13.6	1	117.5	539	12
Latham	L 2549 R2X ↗	RRX	2.5	R	44.5	13.1	1	113.5	534	13
Innotech	IS2545E3 ↗	E3	2.5	R	44.4	14.2	1	119.0	531	14
Dyna-Gro	S25EN41 ↗	E3	2.5	R	43.5	13.4	1	112.5	521	15
Zinesto	Z2700E ↗	E3	2.7	R	42.9	14.2	1	114.5	513	16
Xitavo	XO 2832E ↗	E3	2.8	R	42.6	14.8	3	113.5	509	17
Dyna-Gro	S27EN89 ↗	E3	2.7	R	42.5	14.0	1	113.0	509	18
Xitavo	XO 2501E ↗	E3	2.5	R	42.0	13.6	1	112.0	503	19
Loyal	L2440ES ↗	E3,ST	2.4	R	41.8	14.3	1	114.5	500	20
Hefty	H26XF2 ↗	RXF	2.6	NA	41.6	13.6	1	113.5	498	21
REA	R2140XF ↗	RXF	2.1	NA	41.5	13.4	1	113.5	497	22
Innotech	IS2748E3 ↗	E3	2.7	MR	40.9	13.4	1	115.0	490	23
Stine	25EB32 § ↗	E3	2.5	R	40.4	14.0	1	113.5	483	25
Xitavo	XO 2181E ↗	E3	2.1	R	40.4	13.7	1	112.0	484	24
NK Brand	NK22-C4E3 ↗	E3	2.2	R	39.8	13.9	1	113.5	476	26
Hoegemeyer	2141 E ↗	E3	2.1	R	39.2	13.4	1	114.0	470	27
Hefty	H25XF1 ↗	RXF	2.5	NA	39.2	14.3	1	112.0	469	28
Stine	24EE32 § ↗	E3	2.4	R	39.2	14.1	1	113.5	468	30
Hefty	H25X0 ↗	RRX	2.5	R	39.1	13.1	1	115.5	469	29

	Averages =	38.9	13.7	1	113.4	466
	LSD (0.10) =	9.7	0.7	ns		
	LSD (0.25) =	5.1	0.4	ns		
Mark Tollefson	C.V. =	19.2				
mark.tollefson@firstseedtests.com, (507) 456-2357					Historic yield: 44.73 bu/a, 16 yr(s)	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.035 Prices: GMO = \$12.00

Report Date: 10/11/2021

† 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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