

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

2021 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] SALEM, SD
Ernie Christensen, McCook County, SD 57048

All-Season Test	2.1 - 2.8 Day CRM S2021SDSE01
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Harness, Callisto, Round- Up
SOIL DESCRIPTION:	Hand-Bonilla loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 7.0 pH, 4.0% OM, 19.4 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Round-Up, Authority First
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 5 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 5 116.3 /A

TEST COMMENTS:

There was a perfect seedbed at planting that led to good emergence this spring. The pre-emerge herbicide worked well and with one pass of roundup, we had good weed control. The drought conditions caused some variable yields as plots dried up at uneven rates. This plot was positioned on the higher side of a gradual slope. In this area, we saw some soybean plants that had dropped beans before harvest, bean heights were under 30 inches, and some had discolored stalks. A lot of variable yields in the surrounding area with soil type and spotty rains making a big difference.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK21-H4XF § ↗	RXF	2.1	MR	80.3	10.9	1	117.5	964	1
Stine	21EE62 § ↗	E3	2.1	R	78.5	11.2	1	117.0	942	2
Credenz	CZ 2121GTLL ↗	LLGT27	2.1	MR	77.6	10.8	1	118.0	931	3
Credenz	CZ 2760GTLL ↗	LLGT27	2.7	R	76.6	11.1	1	117.0	919	4
Hoegemeyer	2141 E ↗	E3	2.1	R	75.6	11.1	1	116.3	907	5
Xitavo	XO 2832E ↗	E3	2.8	R	74.8	11.1	1	122.0	898	6
Xitavo	XO 2501E ↗	E3	2.5	R	72.0	10.9	2	117.0	864	7
Hefty	H25X0 ↗	RRX	2.5	R	71.3	10.9	1	118.7	856	8
Latham	L 2549 R2X ↗	RRX	2.5	R	71.1	11.3	1	116.0	853	9
Innotech	IS2545E3 ↗	E3	2.5	R	71.0	11.3	2	116.7	852	10
Hefty	H25XF1 ↗	RXF	2.5	NA	70.7	11.7	1	117.0	848	11
Hoegemeyer	2660 E ↗	E3	2.6	R	70.4	11.1	2	116.7	845	12
Hefty	H26XF2 ↗	RXF	2.6	NA	70.2	11.4	1	116.0	842	13
Latham	L 2894 E3 ↗	E3	2.8	R	70.1	11.0	1	115.0	841	14
Golden Harvest	GH2562XF § ↗	RXF	2.5	R	68.8	10.7	1	116.0	826	15
NK Brand	NK25-C9XF ↗	RXF	2.5	MR	68.8	10.7	1	112.3	826	16
Asgrow	AG26XF1 § ↗	RXF	2.6	R	68.0	11.6	1	119.3	816	17
Hefty	H28X8 ↗	RRX	2.8	R	67.7	11.2	5	116.3	812	18
Zinesto	Z2401E ↗	E3	2.4	R	67.7	11.1	2	116.0	812	19
Credenz	CZ 2360GTLL ↗	LLGT27	2.3	MR	67.3	11.5	1	113.3	808	20
Zinesto	Z2101E ↗	E3	2.1	R	67.1	10.7	1	110.0	805	21
Credenz	CZ 2550GTLL ↗	LLGT27	2.5	MR	66.9	11.1	3	109.3	803	22
Dyna-Gro	S27EN89 ↗	E3	2.7	R	66.4	11.2	1	112.7	797	23
Zinesto	Z2300E ↗	E3	2.3	R	66.3	10.8	4	111.0	796	24
Hoegemeyer	2421 E ↗	E3	2.4	R	66.0	11.4	1	115.7	792	25
Zinesto	Z2302SE ↗	E3,ST	2.3	NA	65.9	10.7	2	120.0	791	26
Apex	AE2420S ↗	E3,ST	2.4	R	65.8	11.4	1	117.7	790	27
Asgrow	AG21XF0 § ↗	RXF	2.1	R	65.3	11.2	1	118.7	784	28
Asgrow	AG27XF2 § ↗	RXF	2.7	R	65.0	10.8	1	120.0	780	29
Pioneer	P23A15X § ↗	RRX	2.3	R	64.9	11.5	1	118.0	779	30



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Averages = **64.3** **11.2** **1** **116.3** **771**

LSD (0.10) = 9.5 0.4 ns

LSD (0.25) = 5.0 0.2 ns

C.V. = 14.1

Historic yield: 53.76 bu/a, 12 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.035 Prices: GMO = \$12.00

Report Date: 10/07/2021

† 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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