

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

2021 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] DELL RAPIDS, SD
Levi Brown, Minnehaha County, SD 57022

All-Season Test	1.6 - 2.3 Day CRM S2021SDEC07
Top 30 of 81	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Stinger, Harness, Roundup
SOIL DESCRIPTION:	Moody-Trent silty clay loam, poorly drained, non-irrigated
SOIL CONDITION:	very high P, medium K, 5.7 pH, 4.8% OM, 19.6 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Bifenthrin, Quilt, Roundup 2x
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 7 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 8 115.4 /A

TEST COMMENTS:

The South Dakota farmers I've talked to have said soybean yields have been better than they expected. The average plot yield of almost 65 bpa was no fluke as the farmer reported an average of 80 bpa in the same field with a 2.5 soybean. Our best plot yields got close to the field average with a 2.3 maturity being the limit of what we tested. The growing season has really benefitted a full-season soybean and the host here has seen that on his farm as well. It was a damp morning and grain moistures were close to 15 percent to start the day.

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	79.1	14.0	2	120.0	946	1
Golden Harvest	GH2102XF ↗	RXF	2.1	MR	76.2	14.3	1	113.3	911	2
Asgrow	AG18XF1 § ↗	RXF	1.8	R	75.6	14.2	1	114.0	904	3
Latham	L 1784 XF ↗	RXF	1.7	R	72.8	14.5	1	117.3	870	4
Thunder	TE7221N ↗	E3	2.1	R	72.4	14.0	4	114.0	866	5
Stine	20EE23 § ↗	E3	2.0	R	71.9	14.2	1	117.3	860	6
Latham	L 2193 E3 ↗	E3	2.1	R	71.4	14.5	2	115.7	853	7
Hefty	H18XF2 ↗	RXF	1.8	NA	71.3	14.4	1	116.3	852	8
Pioneer	P21A28X § ↗	RRX	2.1	R	70.7	14.2	1	115.3	845	9
Credenz	CZ 2360GTLL ↗	LLGT27	2.3	MR	70.6	14.4	1	115.0	844	10
Dairyland	DSR-2222E ↗	E3	2.2	R	70.2	14.6	1	116.0	838	11
Genesis	G2260E ↗	E3	2.2	R	69.6	14.2	1	115.3	832	12
NK Brand	NK18-J7E3 ↗	E3	1.8	MR	69.5	14.5	1	117.7	830	13
Golden Harvest	GH2011E3 ↗	E3	2.0	MR	69.4	14.3	1	114.0	830	14
Latham	L 2283 XF ↗	RXF	2.2	R	69.4	14.5	1	113.7	829	15
Latham	L 2184 R2X ↗	RRX	2.1	R	68.7	14.5	1	117.7	821	16
Xitavo	XO 2282E ↗	E3	2.2	R	68.6	14.4	1	115.0	820	17
Latham	L 1995 E3 ↗	E3	1.9	R	68.5	14.9	1	117.7	817	20
Asgrow	AG21XF0 § ↗	RXF	2.1	R	68.5	14.4	1	117.0	819	18
Hefty	H23XF1 ↗	RXF	2.3	NA	68.5	14.8	1	118.7	818	19
Apex	AE1720 ↗	E3	1.7	R	68.4	14.5	1	117.0	817	21
Loyal	L2240E ↗	E3	2.2	R	68.2	14.4	1	117.0	815	22
Zinesto	Z1801E ↗	E3	1.8	R	67.7	14.4	1	111.3	809	23
Thunder	TX8220N ↗	RXF	2.0	R	67.6	14.2	2	117.7	808	24
Loyal	L1740E ↗	E3	1.7	R	67.3	14.6	1	113.3	804	25
Zinesto	Z1802E ↗	E3	1.8	NA	67.1	14.8	1	114.3	801	26
Credenz	CZ 2121GTLL ↗	LLGT27	2.1	MR	66.8	14.3	1	115.3	798	27
Apex	AE2220 ↗	E3	2.2	R	66.8	14.4	1	115.7	798	28
Latham	L 2295 R2X ↗	RRX	2.2	R	66.4	14.1	1	116.0	794	29
Dyna-Gro	S21XF72 ↗	RXF	2.1	R	66.3	14.1	1	114.0	793	30



Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357

Averages = **64.8** **14.4** **1** **115.4** **774**

LSD (0.10) = 6.7 0.3 ns

LSD (0.25) = 3.5 0.2 ns

C.V. = 9.9

Historic yield: 66.62 bu/a, 3 yr(s)

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

Report Date: 10/09/2021

† 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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