

Test by: Southern MN FIRST New Richland, MN

2021 Soybeans Top 30 Harvest Report

Minnesota South [MNSO] KASSON, MN

Brian Herbst, Dodge County, MN 55944

Early-Season Test 1.6 - 1.9 Day CRM
S2021MNSO04a

Top 30 of 53 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Laudis - Atrazine

SOIL DESCRIPTION: Readlyn silt loam, mod. well
drained, non-irrigated

SOIL CONDITION: very high P, very high K, 5.9 pH,
3.4% OM, 17.6 CEC

TILLAGE/CULTIVATION: Conventional W/ Fall Till

PEST MANAGEMENT: Zidua Pro, Flexstar,
Cornerstone Plus, Section
Three, Miravis Neo Fungicide At
R3

FERTILITY - Applied N: 20 Spring, 15 lbs elemental
sulfur

Applied N-P-K (units): 20-95-170

SEEDED - RATE - ROW: May 5 140.0 /A 30" spacing

HARVESTED - STAND: Sep 30 120.3 /A

TEST COMMENTS:

Brian told me that in 43 years of farming he does not remember a time of such variability in rainfall, with differences within short distances. Luckily, the rains he did receive came in a timely fashion. Rainfall from planting to Aug 20 only totaled 8". 6.75" fell after Aug 20th, when most of the crop yield had already been made. Some beans over 2.1 RM still had green stems and leaves, yet the beans were 11% moisture or less. Brian did find brown stem rot in his field around the plot, but his yield on that field was 61 bpa.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Apex	AE1930 ↗	E3	1.9	R	75.5	9.4	0	120.3	944	1
Pioneer	P18A33X § ↗	RRX	1.8	NA	73.2	9.4	1	122.0	915	2
Apex	AE1720 ↗	E3	1.7	R	70.0	9.3	1	120.7	875	3
Zinesto	Z1702E ↗	E3	1.7	NA	69.5	9.4	1	119.7	869	4
Loyal	L1950E ↗	E3	1.9	R	69.5	9.5	0	121.3	869	5
NK Brand	NK19-Y5E3 ↗	E3	1.9	R	69.2	10.1	0	120.0	865	6
Loyal	L1940E ↗	E3	1.9	R	68.6	9.5	1	120.0	857	7
Xitavo	XO 1822E ↗	E3	1.8	R	68.2	10.0	0	119.7	852	8
Latham	L 1648 LLGT27 ↗	LLGT27	1.6	R	68.0	9.2	0	121.0	850	9
Hefty	H18XF2 ↗	RXF	1.8	NA	68.0	9.3	0	120.0	850	10
Genesis	G1960E ↗	E3	1.9	R	67.9	9.7	0	120.7	849	11
Loyal	L1740E ↗	E3	1.7	R	67.8	9.5	0	121.0	848	12
Apex	AE1920 ↗	E3	1.9	R	67.3	9.4	0	120.0	841	13
Genesis	G1760E ↗	E3	1.7	R	67.0	9.5	1	120.7	838	14
Zinesto	Z1902E ↗	E3	1.9	NA	66.9	9.7	0	120.0	836	15
Hefty	H16X1 ↗	RRX	1.6	R	66.3	9.4	0	120.3	829	16
Dahlman	1215E3N GC ↗	E3	1.5	NA	66.2	9.7	0	121.0	828	17
Golden Harvest	GH1762XF § ↗	RXF	1.7	MR	64.9	9.5	0	121.3	811	18
Genesis	G1950E ↗	E3	1.9	R	64.2	9.6	0	120.3	802	19
Anderson	A1821XF ↗	RXF	1.8	NA	64.1	9.6	0	121.3	801	20
Federal	F1920N ↗	RXF	1.9	R	63.9	9.1	0	120.7	799	21
Stine	17EE32 § ↗	E3	1.7	R	63.5	9.8	0	120.0	794	22
Dahlman	6815XN GC ↗	RRX	1.5	R	63.1	8.3	0	120.5	789	23
Apex	AE1910 ↗	E3	1.9	R	62.9	9.7	0	121.0	786	24
Latham	L 1995 E3 ↗	E3	1.9	R	62.7	9.4	0	120.7	784	25
Dyna-Gro	S17XF02 ↗	RXF	1.7	MR	62.5	9.7	0	119.5	781	26
Dairyland	DSR-1707E ↗	E3	1.7	R	62.0	8.9	0	120.0	775	27
Dairyland	DSR-2030E ↗	E3	1.9	R	61.9	9.5	0	119.7	774	28
Hefty	H17XF1 ↗	RXF	1.7	NA	61.8	9.2	0	119.7	772	29
NK Brand	NK17-M2XF ↗	RXF	1.7	R	61.6	8.5	0	120.0	770	30
Dahlman	1120E3N CK	E3	2.0	NA	61.6	9.6	0	119.7	770	32
					Averages =	62.4	9.5	0	120.3	781
					LSD (0.10) =	6.8	ns	ns		
					LSD (0.25) =	3.5	ns	ns		
					C.V. =	10.3				
					Historic yield: 59.52 bu/a, 19 yr(s)					

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$12.50

Report Date: 10/01/2021

† 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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