

Test by: Southern MN FIRST New Richland, MN

## 2021 Soybeans Top 30 Harvest Report

Minnesota South Central [MNSC] WABASSO, MN  
Leon Plaetz, Redwood County, MN 56293

<b>Early-Season Test</b>	1.5 - 1.8 Day CRM S2021MNSC05a
<b>Top 30 of 52</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Tripleflex
<b>SOIL DESCRIPTION:</b>	Webster clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, low K, 7.8 pH, 5.1% OM, 32.1 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua, Priaxor
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 7 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 8 123.0 /A

### TEST COMMENTS:

Top soil was dry at planting, and June was definitely hot and dry through post spraying season. Spider mites were a minor issue in August, as rainfall came at the end of the month. Rainfall from planting thru Aug 27 totaled 7.8" vs. 16" normally (see weather charts on page 3 of this report). Leon told me his field surrounding the plot yielded 51 bpa. Waterhemp escapes in 1 replicate of both tests were pulled prior to harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P18A33X § ↗	RRX	1.8	NA	<b>58.0</b>	12.8	0	123.3	725	1
Anderson	A1821XF ↗	RXF	1.8	NA	<b>54.1</b>	13.5	0	124.3	675	3
Latham	L 1784 XF ↗	RXF	1.7	R	<b>53.0</b>	13.4	0	124.0	662	4
Hefty	H17XF1 ↗	RXF	1.7	NA	<b>52.7</b>	13.1	0	126.7	659	5
Stine	17EE32 § ↗	E3	1.7	R	<b>52.3</b>	13.0	0	123.5	652	6
Hefty	H18XF2 ↗	RXF	1.8	NA	<b>51.9</b>	12.8	0	127.0	649	7
Hefty	H16XF2 ↗	RXF	1.6	NA	<b>51.2</b>	13.1	0	122.0	640	8
LG Seeds	LGS1769XF GC ↗	RXF	1.7	R	<b>51.0</b>	13.3	0	120.0	637	9
Loyal	L1740E ↗	E3	1.7	R	50.6	13.0	0	123.0	632	10
Dyna-Gro	S18EN52 ↗	E3	1.8	MR	50.2	12.5	0	123.7	628	11
Asgrow	AG18XF1 § ↗	RXF	1.8	R	50.1	12.9	0	123.3	626	12
Federal	F1720N ↗	RXF	1.7	R	50.0	13.0	0	123.3	625	13
Genesis	G1760E ↗	E3	1.7	R	49.5	12.7	0	124.0	619	14
Asgrow	AG15XF2 § ↗	RXF	1.5	R	48.0	12.7	0	125.3	600	15
Golden Harvest	GH1762XF § ↗	RXF	1.7	MR	48.0	13.0	0	121.7	600	16
Dyna-Gro	S17XF02 ↗	RXF	1.7	MR	47.9	12.7	0	125.3	599	17
Gold Country	1531XF ↗	RXF	1.5	R	47.7	12.8	0	124.0	596	18
Zinesto	Z1702E ↗	E3	1.7	NA	47.6	13.5	0	126.0	594	20
Zinesto	Z1802E ↗	E3	1.8	NA	47.6	13.2	0	120.7	595	19
Dairyland	DSR-1820E ↗	E3	1.8	R	47.5	13.0	0	120.3	594	21
Hefty	H15XF2 ↗	RXF	1.5	NA	47.4	12.6	0	122.0	592	22
Dahlman	6815XN GC ↗	RRX	1.5	R	47.0	12.8	0	125.7	588	23
NK Brand	NK17-M2XF ↗	RXF	1.7	R	46.9	12.7	0	125.3	586	24
Anderson	159RXT ↗	RRX	1.5	MR	46.5	12.1	0	123.7	581	25
Latham	L 1758 E3 ↗	E3	1.7	R	45.7	12.8	0	123.7	571	26
Gold Country	1609X ↗	RRX	1.6	R	45.5	13.3	0	120.7	568	27
Zinesto	Z1801E ↗	E3	1.8	R	45.4	13.2	0	123.3	567	28
NK Brand	NK18-J7E3 § ↗	E3	1.8	MR	44.8	13.1	0	124.7	560	29
Xitavo	XO 1632E ↗	E3	1.6	R	44.8	13.0	0	124.0	560	30
Anderson	A151E3 ↗	E3	1.5	NA	44.6	12.5	0	123.7	558	31
Dahlman	7218XF CK	RXF	1.8	NA	55.0	13.1	0	126.3	687	2
					<b>Averages =</b>	<b>46.1</b>	<b>12.9</b>		<b>123.0</b>	<b>575</b>
					LSD (0.10) =	4.8	0.4	ns		
					LSD (0.25) =	2.5	0.2	ns		
					C.V. =	9.9				
					Historic yield: 57.31 bu/a, 14 yr(s)					

*Mark Querna*

Mark Querna

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$12.50

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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Test by: Southern MN FIRST New Richland, MN

## 2021 Soybeans Top 30 Harvest Report

Minnesota South Central [MNSC] WABASSO, MN  
Leon Plaetz, Redwood County, MN 56293

<b>Full-Season Test</b>	1.9 - 2.2 Day CRM S2021MNSC05b
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Tripleflex
<b>SOIL DESCRIPTION:</b>	Webster clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, low K, 7.8 pH, 5.1% OM, 32.1 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua, Priaxor
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 7 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 8 123.4 /A

### TEST COMMENTS:

Top soil was dry at planting, and June was definitely hot and dry through post spraying season. Spider mites were a minor issue in August, as rainfall came at the end of the month. Rainfall from planting thru Aug 27 totaled 7.8" vs. 16" normally (see weather charts on page 3 of this report). Leon told me his field surrounding the plot yielded 51 bpa. Waterhemp escapes in 1 replicate of both tests were pulled prior to harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	21EE62 § ↗	E3	2.1	R	<b>60.5</b>	13.5	0	125.7	755	1
Pioneer	P21A28X § ↗	RRX	2.1	R	<b>53.7</b>	12.3	0	125.3	671	2
Federal	F2210N ↗	RXF	2.2	R	<b>53.4</b>	13.1	0	120.3	667	3
Anderson	217RXT ↗	RRX	2.0	MR	<b>53.3</b>	12.2	0	122.3	666	4
Apex	AE2020 ↗	E3	2.0	R	<b>53.3</b>	13.2	0	124.7	666	5
Anderson	A2121XF ↗	RXF	2.0	NA	<b>52.6</b>	13.0	0	121.0	657	7
Latham	L 2184 R2X ↗	RRX	2.1	R	51.2	12.9	0	123.7	640	8
Genesis	G1960E ↗	E3	1.9	R	50.6	13.3	0	123.7	632	9
Zinesto	Z2202E ↗	E3	2.2	NA	50.5	12.8	0	123.0	631	10
NK Brand	NK22-C4E3 ↗	E3	2.2	R	49.6	12.8	0	119.3	620	11
Loyal	L2240E ↗	E3	2.2	R	49.6	13.3	0	124.0	620	12
Apex	AE1920 ↗	E3	1.9	R	49.4	13.3	0	126.3	617	13
Renk	RS212NXF ↗	RXF	2.1	R	49.3	12.8	0	123.3	616	14
Stine	20EE23 § ↗	E3	2.0	R	49.3	13.3	0	123.7	616	15
Latham	L 2283 XF ↗	RXF	2.2	R	48.5	13.7	0	123.3	605	16
LG Seeds	LGS2025XF GC ↗	RXF	2.0	R	48.4	14.0	0	123.0	604	18
Zinesto	Z2002E ↗	E3	2.0	NA	48.4	13.2	0	124.3	605	17
Federal	F2121N ↗	LLGT27	2.1	R	48.1	13.2	0	125.3	601	19
Hefty	H20XF2 ↗	RXF	2.0	NA	48.1	13.0	0	120.0	601	20
Apex	AE2220 ↗	E3	2.2	R	47.8	13.7	0	124.0	597	21
Genesis	G2060E ↗	E3	2.0	R	47.7	13.1	0	125.0	596	22
Zinesto	Z1902E ↗	E3	1.9	NA	47.3	13.4	0	123.0	591	23
Hefty	H20X7 ↗	RRX	2.0	MR	47.2	12.9	0	120.0	590	24
Anderson	A200E3 ↗	E3	2.0	NA	46.3	12.6	0	126.0	579	25
Loyal	L2130E ↗	E3	2.1	R	46.2	12.8	0	125.0	578	26
Golden Harvest	GH2292E3 ↗	E3	2.2	MR	45.8	13.0	0	122.0	572	27
NK Brand	NK21-H4XF § ↗	RXF	2.1	MR	45.8	12.8	0	124.3	572	28
Dyna-Gro	S21XF61 ↗	RXF	2.1	R	45.5	13.4	0	123.7	568	29
Dyna-Gro	S21EN81 ↗	E3	2.1	R	44.9	12.6	0	125.7	561	30
NK Brand	NK19-C8XF ↗	RXF	1.9	R	44.9	13.0	0	126.7	561	31
Dahlman	7218XF CK	RXF	1.8	NA	52.7	13.4	0	124.3	658	6

Mark Querna

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Averages = **46.4** **13.1** **123.4** **580**

LSD (0.10) = 4.9 0.4 ns

LSD (0.25) = 2.6 0.2 ns

C.V. = 10.1

Historic yield: 57.31 bu/a, 14 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$12.50

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