

2011 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]

Brian Hicks, Lyon County, MN 56175 [TRACY]

EARLY SEASON TEST
97 - 102 Day CRM

PREV. CROP/HERB: Soybean / Roundup Powermax twice B1MNSW01a
SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, minimum w/ fall till, non-irrigated
SOIL CONDITION: High P, high K, 6.2 pH, 5.7% OM
PEST MANAGEMENT: Force, Harness, Roundup PowerMax, Callisto 30" ROW SPACING
FERTILITY - Applied N: 170 Spring,
Applied N-P-K (units): 170-0-81
SEEDED - RATE: May 11 35,680 /A **TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)**
HARVESTED - STAND: Oct 20 32,300 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	229.0	13.9	0.0	32.8	1,374.0	1
Jung	7V546	VT3P	P500	102	221.4	13.8	0.3	32.8	1,328.4	2
Trelay	6VP125	VT3P	P500,V	102	220.0	13.9	1.7	34.2	1,320.0	3
Fielders Choice	NG6514	STX	P250	98	219.8	13.9	0.0	32.8	1,318.8	4
Wensman	W 8294VT2PRO	VT2P	P250	99	219.2	13.5	0.3	32.8	1,315.2	5
Gold Country	101-77	VT3	P250	101	218.7	13.5	5.3	32.8	1,312.2	6
Channel	201-79VT3P	VT3P	P500,V	101	218.5	13.5	0.0	31.9	1,311.0	7
Trelay	5VP688	VT3P	P500,V	101	217.2	13.6	0.3	32.3	1,303.2	8
J Pasker Seed	JP5019GT3	3000GT	C250	101	214.7	13.8	0.0	31.4	1,288.2	9
LG Seeds	LG2468VT3	VT3	P500,V	97	214.2	13.6	0.0	32.8	1,285.2	10
Croplan	4033VT3PRO GC	VT3P	C250	100	214.0	13.8	0.3	32.4	1,284.0	11
Wensman	W 7320VT3PRO	VT3P	P250	101	213.7	13.4	0.0	28.7	1,282.2	12
Anderson	626R	RR2	None	100	213.1	14.0	0.0	32.8	1,278.6	13
Enestvedt	E609VT3Pro	VT3P	C250	100	212.6	13.9	0.0	32.3	1,275.6	14
Kruger	K-6201VT3	VT3	P500,V	101	212.0	14.2	19.0	33.3	1,272.0	15
Gold Country	100-07	VT3	P250	100	210.8	13.4	0.0	31.4	1,264.8	16
Gold Country	96-20	VT3P	P250	96	210.5	13.2	0.3	33.7	1,263.0	17
Renze	2072-3000GT*	3000GT	C250	96	209.9	13.1	10.0	33.7	1,259.4	18
Fielders Choice	NG6550	VT3P	P250	100	209.2	13.6	0.0	32.3	1,255.2	19
Producers	5784VT3	VT3	P500,V	97	208.9	13.6	0.0	31.9	1,253.4	20
NuTech	5N-001*	3000GT	C250	100	208.8	13.2	0.3	31.9	1,252.8	21
Pioneer	36V53 GC	HX,RR2	P1250,V	102	208.6	13.8	0.0	32.3	1,251.6	22
Renk	RK580VT3	VT3	P250	98	208.5	13.4	0.0	31.9	1,251.0	23
Jung	7S555	STX	P500	102	208.2	14.0	0.0	32.3	1,249.2	24
Dekalb	DKC50-66 GC	VT3	n/a	100	207.3	13.6	0.3	32.8	1,243.8	25
Renk	RK565GTCBLLRW	3000GT	C250	100	206.4	13.4	0.3	33.2	1,238.4	26
Producers	6044VT3	VT3	P250	100	206.4	13.7	3.3	31.9	1,238.4	27
Anderson	605VT3	VT3	C250	100	206.2	13.7	0.3	31.9	1,237.2	28
Fielders Choice	NG6530	STX	P250	99	206.1	13.9	0.0	32.8	1,236.6	29
Channel	201-85VT3P	VT3P	P500,V	101	205.8	13.5	1.7	28.7	1,234.8	30
Dekalb	DKC52-59 CK	VT3	n/a	102	201.9	13.6	0.3	29.6	1,211.4	39
Test Average =					200.8	13.6	1.6	32.3	1,204.9	
LSD (0.10) =					15.9	0.4	5.4			
C.V. =					5.9	2.1				

TEST COMMENTS: *Planting conditions were great here, in spite of wet, cool spring weather that continued to the end of June. Strong winds caused minimal green snap in some plots. Rainfall was negligible after mid-July. Warmer temps from July through October, coupled with a killing frost on Sept 15, caused quick dry-down and very good grain quality.*

Lat: N44.33205, Long: W-95.5443

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.00

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo

→ Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, * = brands without a seed lot number; **ns** = not significantly different



2011 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]

FULL SEASON TEST

Brian Hicks, Lyon County, MN 56175 [TRACY]

103 - 106 Day CRM

B1MNSW01b

PREV. CROP/HERB: Soybean / Roundup Powermax twice
 SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 5.7% OM
 PEST MANAGEMENT: Force, Harness, Roundup PowerMax, Callisto
 FERTILITY - Applied N: 170 Spring,
 Applied N-P-K (units): 170-0-81
 SEEDED - RATE: May 11 35,680 /A
 HARVESTED - STAND: Oct 20 32,200 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Trelay	6VT154	VT3	P500,V	102	227.7	14.2	0.0	32.1	1,366.2	1
Gold Country	107-17	VT3P	P250	107	226.0	13.7	0.0	32.1	1,356.0	2
Mustang	6230	VT3	P500,V	105	225.5	13.9	0.0	32.1	1,353.0	3
Renk	RK708VT3P	VT3P	P250	105	223.4	14.0	0.0	34.2	1,340.4	4
Wyffels	W4267	VT3P	P250	105	222.2	13.9	0.0	33.5	1,333.2	5
LG Seeds	LG2509GT3	3000GT	P500,V	103	222.2	14.1	0.0	33.5	1,333.2	6
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	219.6	13.9	0.0	30.8	1,317.6	7
Fielders Choice	NG6677	STX	P250	106	219.5	14.5	0.0	34.2	1,317.0	8
Kruger	K-4104	VT2P	P500,V	104	218.3	14.7	0.0	32.2	1,309.8	9
Titan Pro	89A02GL	3000GT	C250	102	217.2	14.2	0.5	30.1	1,303.2	10
Renk	RK619SSTX	STX	P250	104	216.5	13.8	0.0	34.2	1,299.0	11
Producers	6694VT3Pro	VT3P	P250	106	216.5	14.6	0.0	32.8	1,299.0	12
Wensman	W 7360VT3	VT3	P250	103	215.8	13.9	0.5	34.2	1,294.8	13
Kruger	K4-9302	STX	P500,V	102	215.3	14.3	0.0	32.8	1,291.8	14
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	211.4	15.1	0.0	31.5	1,267.9	15
Wyffels	W4179	3000GT	C250	105	210.0	14.3	2.0	32.8	1,260.0	17
Kruger	K4-9205	STX	P500,V	105	209.7	13.9	0.0	30.8	1,258.2	18
Renze	2222-3000GT*	3000GT	C250	104	208.8	15.0	0.0	30.1	1,252.8	19
Dekalb	DKC55-09 GC	STX	P250	105	208.3	14.4	0.0	32.8	1,249.8	20
Stine	9523VT3*	VT3	C250	104	207.5	13.4	0.0	32.1	1,245.0	21
G2 Genetics	5H-905^	HX,RR2	C250	105	207.3	13.8	0.0	33.5	1,243.8	22
Producers	6374VT3	VT3	P500,V	103	205.4	13.9	0.5	32.1	1,232.4	23
Viking	Y54-04RL	3000GT	C250	104	205.0	14.7	0.0	30.1	1,230.0	24
Trelay	6ST576	STX	P500,V	104	204.5	13.8	0.5	32.8	1,227.0	25
G2 Genetics	5H-0701^	HX,RR2	C250	106	204.0	14.5	0.5	32.8	1,224.0	26
Titan Pro	80A05GL	3000GT	C250	105	203.9	14.8	0.0	30.1	1,223.4	27
Enestvedt	E5500	3000GT	C250	103	203.8	14.0	0.0	33.5	1,222.8	28
Trelay	6ST620	STX	P500,V	106	203.7	14.2	0.0	32.1	1,222.2	29
Dairyland	ST-9206SSX	STX	C250	106	203.6	14.6	0.0	32.1	1,221.6	30
Fielders Choice	NG6583	VT3	P250	102	203.2	13.6	0.5	32.1	1,219.2	31
Dekalb	DKC52-59 CK	VT3	n/a	102	210.9	14.0	2.0	30.8	1,265.4	16
				Test Average =	203.4	14.1	0.9	32.2	1,220.1	
				LSD (0.10) =	17.0	0.8	ns			
				C.V. =	5.0	3.2				

Mark Querna
 F.I.R.S.T. Manager

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^{††} IST: AV - Avicta, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

Identifies the check brand included in early- and full-season tests. Bold yields are significantly above test average. Italicized brands exceed the grain moisture limit for this test. GC = grower comparison product, * = brands without a seed lot number, ns = not significantly different



Footnotes, Abbreviations, and Trademarks

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Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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