

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

Tom & Jeff Warmka, Faribault County, MN 56025 [EASTON]

EARLY SEASON TEST
97 - 102 Day CRM

PREV. CROP/HERB: Soybean / Roundup B1MNSW02a
 SOIL DESCRIPTION: Niccolet-Webster clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 5.8 pH, 4.5% OM
 PEST MANAGEMENT: Force, Roundup 30" ROW SPACING
 FERTILITY - Applied N: 140 Spring,
 Applied N-P-K (units): 140-92-120
 SEEDED - RATE: May 5 35,680 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 17 32,200 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Croplan	4033VT3PRO GC	VT3P	C250	100	205.0	13.6	0.0	34.2	1,230.0	1
Wensman	W 7290VT3PRO	VT3P	P250	99	204.6	13.6	0.3	34.2	1,227.6	2
Wensman	W 8294VT2PRO	VT2P	P250	99	199.9	13.6	0.0	33.3	1,199.4	3
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	199.5	13.5	0.0	33.3	1,197.0	4
Channel	201-85VT3P	VT3P	P500,V	101	199.4	13.7	0.0	33.3	1,196.4	5
Channel	197-32VT3P	VT3P	P500,V	97	199.3	13.5	0.0	29.6	1,195.8	6
LG Seeds	LG2468VT3	VT3	P500,V	97	199.1	13.7	1.3	32.3	1,194.6	7
Gold Country	98-90	STX	P250	98	197.1	13.9	0.0	34.6	1,182.6	8
Anderson	626R	RR2	None	100	196.4	13.7	1.3	33.7	1,178.4	9
Gold Country	96-20	VT3P	P250	96	195.6	13.4	0.0	33.7	1,173.6	10
Kruger	K-6201VT3	VT3	P500,V	101	195.4	13.6	0.0	31.9	1,172.4	11
Jung	7V546	VT3P	P500	102	195.3	13.9	0.0	33.7	1,171.8	12
Channel	201-79VT3P	VT3P	P500,V	101	193.9	13.7	0.0	34.6	1,163.4	13
Dyna-Gro	D37VP71	VT3P	P250	97	193.4	13.3	0.0	29.2	1,160.4	14
Producers	6044VT3	VT3	P250	100	193.4	14.0	0.0	34.2	1,160.4	15
Fielders Choice	NG6550	VT3P	P250	100	193.3	13.8	0.0	31.0	1,159.8	16
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	192.4	13.4	0.0	31.0	1,154.4	17
Wensman	W 7320VT3PRO	VT3P	P250	101	191.8	13.8	0.0	31.5	1,150.8	18
Gold Country	101-77	VT3	P250	101	191.3	13.6	0.0	28.3	1,147.8	19
Titan Pro	89A02GL	3000GT	C250	102	191.0	13.6	0.0	28.7	1,146.0	20
Trelay	5VP688	VT3P	P500,V	101	190.8	13.5	0.3	34.2	1,144.8	21
Pioneer	36V53 GC	HX,RR2	P1250,V	102	190.7	13.8	0.0	34.6	1,144.2	22
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	190.2	13.5	0.0	32.4	1,141.2	23
Jung	7S555	STX	P500	102	190.2	13.5	0.3	32.8	1,141.2	24
Renk	RK698VT3	VT3	P250	102	190.1	13.7	0.0	28.7	1,140.6	25
Enestvedt	E609VT3Pro	VT3P	C250	100	190.0	13.6	0.0	31.9	1,140.0	26
Dairyland	ST-9799	VT3	C250	99	189.8	13.6	0.0	32.8	1,138.8	27
Renk	RK565GTCBLLRW	3000GT	C250	100	189.7	13.6	0.3	34.6	1,138.2	28
Dyna-Gro	D39VP70	VT3P	P250	99	189.5	13.7	0.0	26.0	1,137.0	29
Wyffels	W1831	VT3P	P250	97	188.9	13.4	0.0	31.0	1,133.4	30
Dekalb	DKC52-59 CK	VT3	n/a	102	186.3	13.4	1.3	32.8	1,117.8	37
Test Average =					185.3	13.6	0.3	32.2	1,111.6	
LSD (0.10) =					15.3	0.6	1.1			
C.V. =					6.1	3.4				


 F.I.R.S.T. Manager

TEST COMMENTS: *Cool, wet weather prevailed from April through June. Temps warmed into July and through harvest, but rainfall dropped off after July 15. The warm, dry conditions of August and September moved maturity along, allowing fast dry-down in spite of a killing frost on Sept 15. Yield variability of this plot site is similar to what Tom has seen on his farm.*
Lat: N43.71933, Long: W-93.85507

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]

Tom & Jeff Warmka, Faribault County, MN 56025 [EASTON]

FULL SEASON TEST
103 - 106 Day CRM

B1MNSW02b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Niccolet-Webster clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 5.8 pH, 4.5% OM
 PEST MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 140 Spring,
 Applied N-P-K (units): 140-92-120


30" ROW SPACING

SEEDED - RATE: May 5 35,680 /A
 HARVESTED - STAND: Oct 17 32,700 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	103-09	VT3	P250	103	193.4	13.9	0.0	32.8	1,160.4	1
Trelay	6VT154	VT3	P500,V	102	191.1	14.0	0.0	33.3	1,146.6	2
J Pasker Seed	JP5047GT3	3000GT	C250	104	188.4	13.9	1.3	34.2	1,130.4	3
Renze	2222-3000GT*	3000GT	C250	104	187.3	14.3	0.0	30.5	1,123.8	4
Wensman	W 7360VT3	VT3	P250	103	186.6	13.4	0.3	33.2	1,119.6	5
Trelay	6ST576	STX	P500,V	104	185.9	13.5	0.0	34.6	1,115.4	6
G2 Genetics	5H-0701^	HX,RR2	C250	106	185.7	13.9	0.0	32.8	1,114.2	7
Gold Country	107-17	VT3P	P250	107	185.6	13.8	0.0	33.3	1,113.6	8
Producers	6694VT3Pro	VT3P	P250	106	183.8	13.6	0.0	31.0	1,102.8	9
Mustang	6460	3000GT	P250	104	183.7	14.1	0.0	31.9	1,102.2	10
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	183.6	14.3	3.0	34.2	1,101.6	11
Wyffels	W2757	VT3P	P250	102	182.7	13.5	0.0	31.0	1,096.2	12
Kruger	K4-9205	STX	P500,V	105	181.9	13.5	0.0	31.5	1,091.4	13
Viking	Y54-04RL	3000GT	C250	104	181.4	14.2	0.3	31.0	1,088.4	14
Wyffels	W4267	VT3P	P250	105	180.7	13.7	0.0	33.7	1,084.2	15
G2 Genetics	5H-905^	HX,RR2	C250	105	179.5	13.8	0.0	34.1	1,077.0	16
Wensman	W 6443RR	RR2	P250	105	179.5	13.8	0.0	31.9	1,077.0	17
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	178.8	14.4	0.0	33.3	1,072.8	18
Fielders Choice	NG6583	VT3	P250	102	178.4	14.2	0.0	34.6	1,070.4	20
Mustang	6230	VT3	P500,V	105	178.1	14.3	0.0	29.2	1,068.6	21
Anderson	103VT3	VT3	C250	103	176.6	13.5	0.0	34.2	1,059.6	22
Fielders Choice	NG6620	VT3P	P250	103	175.9	13.7	0.0	34.2	1,055.4	23
Renze	1219VT3	VT3	C250	103	174.8	13.6	0.0	34.6	1,048.8	24
Titan Pro	80A05GL	3000GT	C250	105	174.7	13.8	0.0	32.4	1,048.2	25
Dekalb	DKC53-78 GC	STX	n/a	103	174.6	13.5	0.0	34.2	1,047.6	26
LG Seeds	LG2509GT3	3000GT	P500,V	103	174.5	14.4	0.0	33.3	1,047.0	27
Renze	CX17104RR2*	RR2	P250	104	174.4	13.6	0.0	29.6	1,046.4	28
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	174.0	13.5	0.3	30.5	1,044.0	29
Kruger	K-4104	VT2P	P500,V	104	173.0	13.7	0.0	34.2	1,038.0	30
Viking	C43-06R	VT3P	C250	104	172.7	14.2	0.0	31.4	1,036.2	31
Dekalb	DKC52-59 CK	VT3	n/a	102	178.6	13.4	0.0	31.4	1,071.6	19
Test Average =					173.5	13.8	0.2	32.7	1,040.7	
LSD (0.10) =					18.2	0.3	1.2			
C.V. =					7.7	1.4				


 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

 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 10/19/2011

Revised:



Footnotes, Abbreviations, and Trademarks

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^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

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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