

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

Steve Prokosch, Redwood County, MN 56283 [REDWOOD FALLS]

EARLY SEASON TEST
97 - 102 Day CRM

B1MNSW03a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Normania clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.6 pH, 5.5% OM
 PEST MANAGEMENT: Roundup, Callisto
 FERTILITY - Applied N: 170 Fall,
 Applied N-P-K (units): 170-60-80

30" ROW SPACING

 SEEDED - RATE: May 18 35,680 /A
 HARVESTED - STAND: Oct 7 32,400 /A

TOP 30 OF 72 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	
LG Seeds	LG2468VT3	VT3	P500,V	97	197.7	14.5	0.0	33.0	1,186.2	1	
Kruger	K-6102VT3	VT3	P500,V	102	193.5	15.8	0.0	33.9	1,157.1	2	
Trelay	5VP688	VT3P	P500,V	101	192.0	15.4	0.0	32.0	1,150.1	3	
Gold Country	101-77	VT3	P250	101	191.5	14.7	0.0	33.4	1,149.0	4	
Pioneer	36V53 GC	HX,RR2	P1250,V	102	190.4	18.5	0.0	31.5	1,125.7	6	
Dekalb	DKC50-66 GC	VT3	n/a	100	188.2	15.0	0.0	33.4	1,129.2	5	
Kruger	K-6201VT3	VT3	P500,V	101	186.0	18.5	0.0	33.0	1,099.7	11	
G2 Genetics	5H-502^*	HX,RR2	C250	102	185.7	16.8	0.0	33.9	1,105.8	9	
Dyna-Gro	D37VP71	VT3P	P250	97	184.8	14.3	0.0	32.5	1,108.8	8	
Viking	T61-98R	GT	C250	98	183.6	17.3	1.3	33.4	1,091.0	13	
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	183.5	14.8	0.0	34.8	1,101.0	10	
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	183.0	16.5	0.0	33.0	1,091.1	12	
Renk	RK580VT3	VT3	P250	98	181.2	14.5	0.0	33.4	1,087.2	14	
Wensman	W 8294VT2PRO	VT2P	P250	99	180.2	15.1	0.0	32.0	1,080.7	15	
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	179.9	14.5	1.3	33.0	1,079.4	16	
Dairyland	ST-9799	VT3	C250	99	179.7	14.1	0.3	32.5	1,078.2	17	
Anderson	626R	RR2	None	100	179.0	15.9	0.0	32.5	1,070.0	18	
Producers	6044VT3	VT3	P250	100	179.0	17.8	0.0	34.8	1,061.5	22	
Wensman	W 7290VT3PRO	VT3P	P250	99	178.6	16.6	0.0	32.5	1,064.5	21	
Croplan	4033VT3PRO GC	VT3P	C250	100	178.5	16.3	0.0	33.0	1,065.2	20	
Wyffels	W1941	VT3	P250	98	178.2	13.9	0.0	33.0	1,069.2	19	
Jung	7V546	VT3P	P500	102	176.6	18.6	0.0	33.4	1,043.7	25	
NuTech	5N-102*	3000GT	C250	102	176.0	16.7	0.7	32.5	1,048.5	24	
Producers	5784VT3	VT3	P500,V	97	175.0	15.1	0.0	33.0	1,049.6	23	
Wensman	W 7320VT3PRO	VT3P	P250	101	174.4	18.0	0.0	32.5	1,033.3	29	
Gold Country	96-20	VT3P	P250	96	174.3	15.8	0.0	33.0	1,042.3	26	
Trelay	6VP125	VT3P	P500,V	102	173.9	16.6	0.0	31.6	1,036.4	28	
Trelay	5ST192	STX	P500,V	98	173.7	17.1	0.0	33.4	1,033.1	30	
Channel	199-55VT3	VT3	P500,V	99	173.5	15.7	0.3	34.4	1,038.0	27	
Titan Pro	89A02GL	3000GT	C250	102	173.2	17.2	0.0	33.4	1,029.7	31	
Dekalb	DKC52-59 CK	VT3	n/a	102	185.8	14.3	0.0	32.0	1,114.8	7	
					Test Average =	170.5	16.4	0.2	32.4	1,016.6	
					LSD (0.10) =	19.9	1.7	ns			
					C.V. =	8.6	7.8				


 F.I.R.S.T. Manager

TEST COMMENTS: *Planted into wet soil. Cool, wet weather prevailed through June. Rain storm with high winds hit this site in early July, causing green snap in some hybrids. Weather turned hot and wet through July, then hot and dry August through harvest. A killing frost occurred Sept 15th. Poor vigor from excess moisture showed here for the first time in many years.*

Lat: N44.42688, Long: W-95.1255

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

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

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

Steve Prokosch, Redwood County, MN 56283 [REDWOOD FALLS]

FULL SEASON TEST
103 - 106 Day CRM

B1MNSW03b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Normania clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.6 pH, 5.5% OM
 PEST MANAGEMENT: Roundup, Callisto
 FERTILITY - Applied N: 170 Fall,
 Applied N-P-K (units): 170-60-80

30" ROW SPACING

SEEDED - RATE: May 18 35,680 /A
 HARVESTED - STAND: Oct 7 33,100 /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
Trelay	6VT154	VT3	P500,V	102	196.4	17.1	0.0	32.0	1,168.1	1
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	190.1	18.2	0.0	32.5	1,125.4	3
Dekalb	DKC53-78 GC	STX	n/a	103	190.0	17.5	0.0	33.9	1,128.1	2
Gold Country	103-09	VT3	P250	103	188.6	18.5	0.0	32.5	1,115.1	5
Mustang	6460	3000GT	P250	104	188.0	19.3	0.0	33.4	1,107.8	8
Producers	6374VT3	VT3	P500,V	103	187.1	15.5	0.0	33.4	1,120.3	4
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	187.0	17.4	0.0	32.5	1,110.8	6
Fielders Choice	NG6583	VT3	P250	102	186.8	17.2	0.0	34.4	1,110.5	7
Fielders Choice	NG6677	STX	P250	106	185.2	19.5	0.0	31.6	1,090.4	11
Wyffels	W3127	VT3P	P250	102	185.1	16.0	0.0	34.8	1,106.0	9
Wensman	W 7392GT3	3000GT	P250	104	184.8	20.1	0.0	34.4	1,085.2	12
Wensman	W 6443RR	RR2	P250	105	183.3	16.1	0.0	31.5	1,094.8	10
G2 Genetics	5H-0701^	HX,RR2	C250	106	181.7	17.7	0.3	33.0	1,077.9	13
Viking	Y54-04RL	3000GT	C250	104	181.2	21.3	0.0	32.0	1,058.7	20
LG Seeds	LG2509GT3	3000GT	P500,V	103	181.1	20.7	0.0	32.5	1,060.8	19
G2 Genetics	5H-905^	HX,RR2	C250	105	179.4	16.3	0.0	33.4	1,070.6	14
Renk	RK708VT3P	VT3P	P250	105	178.8	15.7	0.3	34.4	1,069.7	15
Dekalb	DKC55-09 GC	STX	P250	105	178.5	18.0	0.0	33.4	1,057.6	21
Wyffels	W2757	VT3P	P250	102	178.4	15.2	0.0	34.4	1,069.5	16
Trelay	6ST576	STX	P500,V	104	177.9	16.4	0.0	33.4	1,061.2	18
Wyffels	W4267	VT3P	P250	105	177.7	17.3	0.0	33.0	1,056.0	22
Renze	CX17104RR2*	RR2	P250	104	177.6	14.5	0.0	34.4	1,065.6	17
Stine	9523VT3*	VT3	C250	104	176.8	15.8	0.3	33.0	1,057.3	25
Dairyland	ST-9303SSX	STX	C250	103	176.7	16.1	0.0	33.9	1,055.3	23
Kruger	K4-9205	STX	P500,V	105	176.5	16.6	0.0	33.4	1,051.9	24
Fielders Choice	NG6620	VT3P	P250	103	175.6	17.6	0.0	33.4	1,042.2	27
Kruger	K-4104	VT2P	P500,V	104	174.1	17.5	0.0	33.9	1,033.7	31
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	173.7	18.2	0.0	33.4	1,028.3	30
Kruger	K4-9302	STX	P500,V	102	173.3	17.5	0.0	34.8	1,029.0	28
Producers	6694VT3Pro	VT3P	P250	106	171.9	15.6	0.0	33.4	1,028.8	29
Dekalb	DKC52-59 CK	VT3	n/a	102	173.9	14.0	0.0	33.9	1,043.4	26
Test Average =					173.9	17.9	0.0	33.1	1,030.9	
LSD (0.10) =					15.9	2.3	0.3			
C.V. =					6.7	9.4				


 F.I.R.S.T. Manager

TEST COMMENTS: *Planted into wet soil. Cool, wet weather prevailed through June. Rain storm with high winds hit this site in early July, causing green snap in some hybrids. Weather turned hot and wet through July, then hot and dry August through harvest. A killing frost occurred Sept 15th. Poor vigor from excess moisture showed here for the first time in many years.*

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Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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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