

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

Steve Ryberg, Jackson County, MN 56143 [JACKSON]

EARLY SEASON TEST
97 - 102 Day CRM

PREV. CROP/HERB: Soybean / Treflan, Roundup

B1MNSW06a

SOIL DESCRIPTION: Nicollet clay loam, well drained, minimum w/ fall till, non-irrigated

SOIL CONDITION: High P, high K, 6.2 pH, 4% OM

PEST MANAGEMENT: Force, Harness, Roundup

30" ROW SPACING

FERTILITY - Applied N: 154 Fall,

Applied N-P-K (units): 154-59-100

SEEDED - RATE: May 3 35,680 /A

TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 20 32,800 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-6201VT3	VT3	P500,V	101	220.5	13.8	3.0	35.1	1,323.0	1
Channel	201-85VT3P	VT3P	P500,V	101	214.5	13.5	0.0	29.1	1,287.0	2
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	214.4	13.4	0.0	33.7	1,286.4	3
Jung	7475VT3	VT3	P500	100	214.1	13.3	0.0	34.2	1,284.6	4
Jung	7S555	STX	P500	102	212.3	13.6	0.0	32.8	1,273.8	5
Trelay	5VP688	VT3P	P500,V	101	211.9	13.3	1.3	33.7	1,271.4	6
Producers	6044VT3	VT3	P250	100	211.8	13.6	1.7	33.2	1,270.8	7
G2 Genetics	5H-502^*	HX,RR2	C250	102	211.7	13.5	0.3	32.4	1,270.2	8
Wensman	W 8294VT2PRO	VT2P	P250	99	210.7	13.3	0.3	32.4	1,264.2	9
Dekalb	DKC51-85 GC	STX	P500,V	101	209.3	13.5	0.0	33.7	1,255.8	10
Wensman	W 7320VT3PRO	VT3P	P250	101	208.8	13.6	3.0	30.5	1,252.8	11
Kruger	K-6102VT3	VT3	P500,V	102	208.3	13.5	0.3	33.3	1,249.8	12
Renk	RK698VT3	VT3	P250	102	208.2	13.5	0.3	32.8	1,249.2	13
Wyffels	W1831	VT3P	P250	97	206.2	13.3	0.0	33.3	1,237.2	14
Pioneer	36V53 GC	HX,RR2	P1250,V	102	205.6	13.5	0.0	33.7	1,233.6	15
Jung	7V546	VT3P	P500	102	205.5	13.6	0.0	33.3	1,233.0	16
Channel	199-55VT3	VT3	P500,V	99	205.2	13.3	0.7	33.3	1,231.2	17
Dyna-Gro	D39VP70	VT3P	P250	99	205.0	13.5	0.3	30.1	1,230.0	18
Wensman	W 7290VT3PRO	VT3P	P250	99	204.9	13.4	0.3	32.3	1,229.4	19
NuTech	5B-0205*	GT/CB/LL	C250	102	204.2	13.5	0.0	34.2	1,225.2	20
Croplan	4033VT3PRO GC	VT3P	C250	100	204.1	13.3	0.3	32.3	1,224.6	21
Kruger	K4-9100	STX	P500,V	100	203.7	13.6	0.0	33.7	1,222.2	22
Trelay	6VP125	VT3P	P500,V	102	202.9	13.6	0.0	33.7	1,217.4	23
Trelay	5ST192	STX	P500,V	98	201.8	13.6	0.0	31.9	1,210.8	24
Gold Country	98-90	STX	P250	98	201.7	13.7	0.0	31.9	1,210.2	25
Titan Pro	89A02GL	3000GT	C250	102	201.6	13.4	3.0	34.2	1,209.6	26
Fielders Choice	NG6514	STX	P250	98	201.1	13.5	0.0	33.7	1,206.6	27
Enestvedt	E609VT3Pro	VT3P	C250	100	200.6	13.4	0.3	33.7	1,203.6	28
Dairyland	ST-9399	3000GT	C250	99	200.6	13.4	3.3	32.4	1,203.6	29
LG Seeds	LG2468VT3	VT3	P500,V	97	200.5	13.4	0.0	34.1	1,203.0	30
Dekalb	DKC52-59 CK	VT3	n/a	102	193.3	13.3	3.0	33.7	1,159.8	45
Test Average =					195.8	13.4	1.1	32.8	1,174.9	
LSD (0.10) =					15.8	0.2	2.7			
C.V. =					6.0	0.9				

TEST COMMENTS: *This was my earliest planted corn site, as wet and cool weather dominated until the end of June. Warmer temps from July through harvest allowed hybrids to grow quickly and develop good grain quality in spite of a killing frost on Sept 15. Very little rain fell in August through October. More soil saturation lowered yields in the full season test.*

Lat: N43.78387, Long: W-95.00898

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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Report Date: 10/22/2011

Revised:

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

Steve Ryberg, Jackson County, MN 56143 [JACKSON]

FULL SEASON TEST
103 - 106 Day CRM

B1MNSW06b

PREV. CROP/HERB: Soybean / Treflan, Roundup
 SOIL DESCRIPTION: Nicollet clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4% OM
 PEST MANAGEMENT: Force, Harness, Roundup
 FERTILITY - Applied N: 154 Fall,
 Applied N-P-K (units): 154-59-100

30" ROW SPACING

SEEDED - RATE: May 3 35,680 /A
 HARVESTED - STAND: Oct 20 32,200 /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	204.1	13.7	0.0	34.2	1,224.6	1
Viking	Y54-04RL	3000GT	C250	104	201.8	13.8	0.0	28.7	1,210.8	2
Wyffels	W3127	VT3P	P250	102	198.7	13.5	0.0	31.0	1,192.2	3
Wensman	W 7392GT3	3000GT	P250	104	198.5	14.2	0.0	31.9	1,191.0	4
Fielders Choice	NG6681	STX	P250	106	194.8	14.1	0.0	32.8	1,168.8	5
Wensman	W 6443RR	RR2	P250	105	193.5	13.5	3.0	31.0	1,161.0	6
Fielders Choice	NG6583	VT3	P250	102	192.8	13.5	0.0	34.6	1,156.8	7
Wyffels	W4267	VT3P	P250	105	192.1	13.5	0.3	33.2	1,152.6	8
Kruger	K4-9302	STX	P500,V	102	191.9	13.6	0.0	31.9	1,151.4	9
Dekalb	DKC55-09 GC	STX	P250	105	191.4	13.6	0.0	31.9	1,148.4	10
Dairyland	ST-9303SSX	STX	C250	103	190.9	13.3	0.7	33.3	1,145.4	11
Dairyland	ST-9903Q	HXT,RR2	C500,AV	103	190.2	13.9	0.3	29.2	1,141.2	12
Fielders Choice	NG6677	STX	P250	106	188.5	13.9	0.0	31.4	1,131.0	13
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	188.5	14.2	0.0	32.3	1,131.0	14
Trelay	6ST576	STX	P500,V	104	188.4	13.4	0.0	33.7	1,130.4	15
Wensman	W 7360VT3	VT3	P250	103	188.1	13.4	3.3	31.9	1,128.6	17
Producers	6694VT3Pro	VT3P	P250	106	188.0	13.5	0.0	33.7	1,128.0	18
J Pasker Seed	JP5047GT3	3000GT	C250	104	187.7	13.5	3.7	32.8	1,126.2	19
G2 Genetics	5H-905^	HX,RR2	C250	105	186.0	13.4	0.3	31.0	1,116.0	20
G2 Genetics	5H-0701^	HX,RR2	C250	106	185.8	13.7	0.3	32.8	1,114.8	21
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	185.6	14.0	1.3	31.0	1,113.6	22
Gold Country	101-99	STX	P250	104	184.3	13.5	0.0	32.3	1,105.8	23
Kruger	K4-9205	STX	P500,V	105	184.0	13.6	0.0	33.7	1,104.0	24
Pioneer	P0461AM1 GC	HXT,RR2	C250	104	183.9	13.6	0.0	30.0	1,103.4	25
Renk	RK708VT3P	VT3P	P250	105	183.5	13.3	0.7	34.2	1,101.0	26
Mustang	6230	VT3	P500,V	105	183.5	13.6	0.7	31.4	1,101.0	27
Dekalb	DKC53-78 GC	STX	n/a	103	182.4	13.3	0.0	34.2	1,094.4	28
Renze	2222-3000GT*	3000GT	C250	104	182.4	13.9	0.0	31.0	1,094.4	29
Fielders Choice	NG6620	VT3P	P250	103	180.6	13.4	0.0	34.6	1,083.6	30
LG Seeds	LG2535STX	STX	P500,V	106	180.6	13.9	0.0	33.2	1,083.6	31
Dekalb	DKC52-59 CK	VT3	n/a	102	188.1	13.2	1.3	31.0	1,128.6	16
Test Average =					181.4	13.6	0.8	32.2	1,088.4	
LSD (0.10) =					20.0	0.6	2.3			
C.V. =					8.1	3.3				


 F.I.R.S.T. Manager

TEST COMMENTS: *This was my earliest planted corn site, as wet and cool weather dominated until the end of June. Warmer temps from July through harvest allowed hybrids to grow quickly and develop good grain quality in spite of a killing frost on Sept 15. Very little rain fell in August through October. More soil saturation lowered yields in the full season test.*

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Report Date: 10/22/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^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	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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