

2011 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]
 John Engles, Blue Earth County, MN 56055 [LAKE CRYSTAL]

EARLY SEASON TEST
97 - 102 Day CRM

PREV. CROP/HERB: Soybean / Prowl, Touchdown B1MNSW04a
 SOIL DESCRIPTION: Webster clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.4 pH, 3.6% OM
 PEST MANAGEMENT: Force, Dual II Magnum, Touchdown, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 140 Fall,
 Applied N-P-K (units): 140-14-0
 SEEDED - RATE: May 11 35,680 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 3 32,700 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	197-32VT3P	VT3P	P500,V	97	202.0	15.4	0.0	33.3	1,210.0	1
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	196.9	15.3	0.3	33.3	1,179.9	2
Trelay	5VP688	VT3P	P500,V	101	196.6	15.3	0.0	34.6	1,178.1	3
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	189.5	15.1	0.0	32.3	1,136.5	4
Dyna-Gro	D39VP70	VT3P	P250	99	188.5	15.6	0.0	32.8	1,128.2	6
Renk	RK580VT3	VT3	P250	98	188.4	14.5	0.7	31.0	1,130.4	5
Jung	7475VT3	VT3	P500	100	187.6	15.1	0.0	32.8	1,125.1	7
Kruger	K-6201VT3	VT3	P500,V	101	187.5	17.2	0.7	32.8	1,114.7	10
Titan Pro	80A01GLV	3111	C250	101	186.5	16.2	0.3	34.6	1,113.4	11
Dekalb	DKC50-66 GC	VT3	n/a	100	186.3	15.1	0.0	32.3	1,117.3	8
Producers	5784VT3	VT3	P500,V	97	186.0	15.1	0.0	33.3	1,115.5	9
Kruger	K4-9100	STX	P500,V	100	185.9	15.8	0.0	31.9	1,111.7	12
Gold Country	98-90	STX	P250	98	185.2	15.8	0.0	34.2	1,107.5	14
Kruger	K4-9599	STX	P500,V	99	185.0	16.1	0.3	33.2	1,104.9	15
Dekalb	DKC51-85 GC	STX	P500,V	101	184.8	16.0	0.0	32.8	1,104.2	16
Wensman	W 7290VT3PRO	VT3P	P250	99	184.7	14.8	0.0	33.3	1,108.2	13
Fielders Choice	NG6514	STX	P250	98	184.0	16.6	0.0	32.4	1,096.6	22
Dairyland	ST-9799	VT3	C250	99	183.9	15.4	0.0	32.3	1,101.6	17
LG Seeds	LG2468VT3	VT3	P500,V	97	183.5	14.7	0.0	34.2	1,101.0	18
Channel	199-55VT3	VT3	P500,V	99	183.2	15.1	0.0	34.6	1,098.7	19
Kruger	K-6102VT3	VT3	P500,V	102	183.1	14.9	0.3	32.3	1,098.6	20
Croplan	4033VT3PRO GC	VT3P	C250	100	183.1	15.4	0.0	32.8	1,096.8	21
Channel	201-85VT3P	VT3P	P500,V	101	183.0	15.5	0.3	30.5	1,095.7	23
G2 Genetics	5H-501*	HX,RR2	C250	101	182.8	15.6	1.3	34.2	1,094.1	24
Wensman	W 7320VT3PRO	VT3P	P250	101	182.7	16.4	0.3	32.8	1,089.8	25
Titan Pro	89A02GL	3000GT	C250	102	180.7	15.5	0.0	33.3	1,081.9	26
Wensman	W 8294VT2PRO	VT2P	P250	99	180.0	15.0	0.7	34.2	1,080.0	27
Dyna-Gro	D37VP71	VT3P	P250	97	180.0	13.9	1.3	32.8	1,080.0	28
NuTech	5B-0205*	GT/CB/LL	C250	102	179.9	14.6	0.0	35.1	1,079.4	29
NuTech	5N-001*	3000GT	C250	100	179.6	14.9	1.3	32.3	1,077.6	30
Dekalb	DKC52-59 CK	VT3	n/a	102	173.5	15.1	0.3	32.8	1,040.6	46
Test Average =					177.1	15.2	0.6	32.7	1,061.3	
LSD (0.10) =					19.5	0.5	1.6			
C.V. =					8.1	2.5				


 F.I.R.S.T. Manager

TEST COMMENTS: *Data rejected because undiagnosed planter problems caused a lack of confidence in the presented results.*

Lat: N44.20952, Long: W-94.31052

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: 10/5/2011

Revised:

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

John Engles, Blue Earth County, MN 56055 [LAKE CRYSTAL]

FULL SEASON TEST
103 - 106 Day CRM

B1MNSW04b

 PREV. CROP/HERB: Soybean / Prowl, Touchdown
 SOIL DESCRIPTION: Webster clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 3.6% OM
 PEST MANAGEMENT: Force, Dual II Magnum, Touchdown, Callisto
 FERTILITY - Applied N: 140 Fall,
 Applied N-P-K (units): 140-14-0

30" ROW SPACING

 SEEDED - RATE: May 11 35,680 /A
 HARVESTED - STAND: Oct 3 32,600 /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
Fielders Choice	NG6681	STX	P250	106	207.8	19.6	0.0	33.3	1,222.9	3
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	206.6	17.3	1.7	27.8	1,227.7	2
LG Seeds	LG2509GT3	3000GT	P500,V	103	206.5	16.7	0.0	33.7	1,230.2	1
Wyffels	W4267	VT3P	P250	105	204.3	16.4	1.7	32.3	1,218.6	4
G2 Genetics	5H-905^	HX,RR2	C250	105	203.2	17.1	0.0	31.9	1,208.5	5
Kruger	K4-9302	STX	P500,V	102	202.5	17.7	0.0	33.3	1,201.3	6
Renze	2222-3000GT*	3000GT	C250	104	199.5	16.7	1.3	33.2	1,188.5	7
Mustang	6460	3000GT	P250	104	198.6	18.1	0.0	31.0	1,176.2	9
J Pasker Seed	JP5047GT3	3000GT	C250	104	197.9	17.0	1.7	34.6	1,177.5	8
Pioneer	P0461AM1 GC	HXT,RR2	C250	104	197.6	17.6	0.3	34.2	1,172.8	11
Producers	6694VT3Pro	VT3P	P250	106	197.0	16.8	0.0	32.8	1,173.1	10
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	196.6	16.6	0.0	33.7	1,171.7	12
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	196.2	18.9	0.3	32.3	1,158.1	16
Fielders Choice	NG6583	VT3	P250	102	195.9	17.7	0.0	31.9	1,162.2	14
Fielders Choice	NG6620	VT3P	P250	103	195.3	15.9	1.3	33.7	1,167.4	13
Viking	Y54-04RL	3000GT	C250	104	195.1	17.3	0.0	31.4	1,159.4	15
Gold Country	107-17	VT3P	P250	107	193.7	17.1	0.0	34.2	1,152.0	17
Dekalb	DKC55-09 GC	STX	P250	105	193.0	16.8	0.0	33.3	1,149.3	18
Wensman	W 7392GT3	3000GT	P250	104	192.6	16.7	1.3	32.8	1,147.4	19
Trelay	6ST620	STX	P500,V	106	192.0	17.9	0.3	31.4	1,138.1	22
Wyffels	W3127	VT3P	P250	102	191.7	16.2	0.0	31.0	1,144.4	20
Titan Pro	80A05GL	3000GT	C250	105	191.4	17.9	0.0	31.9	1,134.5	24
Producers	6374VT3	VT3	P500,V	103	191.2	16.6	0.0	34.6	1,139.6	21
Fielders Choice	NG6677	STX	P250	106	190.7	18.5	0.3	31.4	1,127.5	26
Stine	9563VT3*	VT3	C250	104	190.4	16.2	3.0	32.3	1,136.7	23
Wyffels	W4179	3000GT	C250	105	189.3	16.9	0.0	33.3	1,126.8	27
Wensman	W 7360VT3	VT3	P250	103	188.3	15.3	1.3	32.8	1,128.4	25
G2 Genetics	5H-0701^	HX,RR2	C250	106	187.5	17.5	0.0	33.7	1,113.3	29
Dekalb	DKC53-78 GC	STX	n/a	103	187.3	15.5	0.3	32.4	1,121.5	28
Trelay	6ST576	STX	P500,V	104	185.4	15.2	0.0	31.9	1,111.5	30
Dekalb	DKC52-59 CK	VT3	n/a	102	178.9	15.5	5.7	33.7	1,071.2	40
Test Average =					187.9	16.9	0.9	32.6	1,118.6	
LSD (0.10) =					15.6	1.7	2.4			
C.V. =					6.1	7.3				


 F.I.R.S.T. Manager

TEST COMMENTS: Data rejected because undiagnosed planter problems caused a lack of confidence in the presented results.

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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

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Footnotes, Abbreviations, and Trademarks

Brand Footnotes

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

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