

2011 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
EARLY SEASON TEST

Marc Hernke, Goodhue County, MN 55009 [CANNON FALLS]

95 - 100 Day CRM

B1MNSE01a

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.9 pH, 3.1% OM
 PEST MANAGEMENT: Force, Roundup, Callisto
 FERTILITY - Applied N: 210 Fall,
 Applied N-P-K (units): 210-230-170

30" ROW SPACING

SEEDED - RATE: May 8 35,680 /A
 HARVESTED - STAND: Oct 14 33,000 /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
Gold Country	96-20	VT3P	P250	96	215.7	15.7	0.0	33.4	1,290.4	1
Channel	197-32VT3P	VT3P	P500,V	97	213.5	16.1	3.0	33.9	1,275.1	2
Jung	7V429	VT3P	P500	96	213.0	16.1	0.0	31.5	1,272.1	4
Anderson	628R	RR2	None	95	212.9	15.7	0.0	33.4	1,273.7	3
Kruger	K-6399VT3	VT3	P500,V	99	212.4	17.0	0.0	33.9	1,263.8	5
Kruger	K4-9100	STX	P500,V	100	211.0	16.9	0.0	33.4	1,256.0	6
NuTech	5N-001*	3000GT	C250	100	210.9	18.9	1.7	33.9	1,244.8	7
Dyna-Gro	D37VP71	VT3P	P250	97	206.8	16.7	0.0	33.9	1,232.0	8
Wensman	W 7290VT3PRO	VT3P	P250	99	206.6	17.5	2.7	31.1	1,226.7	9
Viking	C44-95R	VT3P	C250	96	205.5	17.0	1.3	34.4	1,222.7	10
Producers	6044VT3	VT3	P250	100	205.5	18.2	9.7	35.3	1,216.6	13
Mustang	4689	VT3	P500,V	95	205.4	17.7	0.0	31.5	1,218.5	11
Viking	Y84-00RL	3000GT	C250	100	205.4	19.3	4.3	32.0	1,210.3	14
Channel	196-06VT3P	VT3P	P500,V	96	204.7	17.1	6.7	33.4	1,217.5	12
Jung	7452VT3	VT3	P500	98	203.7	17.4	0.3	33.0	1,210.0	15
Titan Pro	X81A97	GT/CB/LL	C250	97	203.3	17.0	0.3	33.4	1,209.6	16
Mustang	5808	STX	P500,V	98	202.6	17.3	3.0	33.4	1,204.0	18
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	202.2	16.4	3.0	34.8	1,206.1	17
Wensman	W 7273VT3	VT3	P250	98	202.0	17.6	0.0	33.4	1,198.9	19
Pioneer	P9917XR GC	HXT,RR2	C250	99	199.6	18.5	0.0	34.8	1,180.1	21
Dekalb	DKC48-12 GC	STX	P500,V	98	198.6	17.3	1.3	32.0	1,180.2	20
Gold Country	101-77	VT3	P250	101	197.8	17.3	6.7	34.8	1,175.4	22
Titan Pro	80A00GL	3000GT	C250	100	197.4	17.4	11.3	33.9	1,172.6	23
LG Seeds	LG2468VT3	VT3	P500,V	97	196.9	17.8	0.0	35.3	1,167.6	25
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	196.5	18.1	1.3	31.1	1,163.8	26
Kruger	K-7495	VT3P	P500,V	95	196.3	16.7	1.3	33.9	1,169.5	24
NuTech	5N-197*	3000GT	C250	97	195.2	16.6	7.3	32.0	1,163.4	27
Fielders Choice	NG6530	STX	P250	99	194.9	17.2	0.0	34.4	1,158.7	29
AgriGold	A6203VT3	VT3	P500,V	96	194.7	17.3	0.0	33.0	1,157.0	30
Anderson	628VT3	VT3	C250	96	194.4	16.2	6.0	30.6	1,160.6	28
Dekalb	DKC50-66 CK	VT3	n/a	100	176.7	18.2	5.7	32.5	1,046.1	58
Test Average =					190.1	17.7	3.1	33.0	1,128.4	
LSD (0.10) =					19.3	1.3	6.2			
C.V. =					7.5	5.3				


 F.I.R.S.T. Manager

TEST COMMENTS: A cool, wet spring continued into late June, causing slow crop development early. Rapid growth in July coincided with wind storms, causing goosenecking here. Lodging scores shown here reflect severity of goosenecking. Brace roots were highly developed.

Marc noted that he is pleased with the yields he has seen, considering the extremes in weather this year. Lat: N44.39151, Long: W-92.84744

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: 10/15/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]

Marc Hernke, Goodhue County, MN 55009 [CANNON FALLS]

FULL SEASON TEST
101 - 104 Day CRM

B1MNSE01b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.9 pH, 3.1% OM
 PEST MANAGEMENT: Force, Roundup, Callisto
 FERTILITY - Applied N: 210 Fall,
 Applied N-P-K (units): 210-230-170


30" ROW SPACING

SEEDED - RATE: May 8 35,680 /A
 HARVESTED - STAND: Oct 14 33,600 /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
Channel	203-43VT3P	VT3P	P500,V	103	200.6	17.6	3.0	31.5	1,190.6	1
Jung	7475VT3	VT3	P500	100	197.5	17.6	6.3	34.4	1,172.2	2
Trelay	6ST576	STX	P500,V	104	197.0	19.9	2.0	34.4	1,157.9	6
Titan Pro	89A02GL	3000GT	C250	102	196.6	19.3	3.0	34.4	1,158.5	5
Dairyland	ST-9799	VT3	C250	99	196.4	18.9	0.0	33.4	1,159.3	3
Kruger	K-4104	VT2P	P500,V	104	196.0	18.4	1.3	34.8	1,159.3	4
Dekalb	DKC51-85 GC	STX	P500,V	101	193.7	18.1	7.3	33.0	1,147.2	7
Wensman	W 7320VT3PRO	VT3P	P250	101	193.6	19.7	4.0	32.0	1,138.9	8
Mustang	6460	3000GT	P250	104	192.5	22.7	16.7	33.9	1,117.9	12
Jung	7V546	VT3P	P500	102	191.2	20.4	3.0	35.3	1,121.4	9
AgriGold	A6319VT3Pro	VT3P	P500,V	103	191.2	20.7	2.7	34.8	1,120.0	11
G2 Genetics	5H-902^*	HX,RR2	C250	102	190.5	19.7	9.7	33.4	1,120.6	10
Titan Pro	80A05GL	3000GT	C250	105	189.2	20.8	4.3	28.7	1,107.8	13
Trelay	6VP125	VT3P	P500,V	102	187.2	20.5	3.0	34.8	1,097.5	16
Kruger	K-6102VT3	VT3	P500,V	102	186.7	18.1	15.0	33.9	1,105.7	14
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	186.5	19.2	6.7	34.4	1,099.4	15
Kruger	K4-9302	STX	P500,V	102	185.0	22.1	3.0	34.4	1,077.2	21
Dairyland	ST-9903Q	HXT,RR2	C500,AV	103	184.3	21.8	3.3	32.0	1,074.5	22
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	183.6	17.7	19.0	34.4	1,089.2	17
AgriGold	A6276VT3	VT3	P500,V	101	183.4	18.5	5.7	34.4	1,084.4	19
Trelay	6VT154	VT3	P500,V	102	183.4	18.5	11.3	33.4	1,084.4	20
G2 Genetics	5H-502^*	HX,RR2	C250	102	179.4	20.1	3.0	33.0	1,053.5	24
Viking	Y54-04RL	3000GT	C250	104	179.0	21.6	12.0	32.5	1,044.5	25
Kruger	K-6201VT3	VT3	P500,V	101	178.5	18.7	13.7	33.9	1,054.5	23
AgriGold	A6323GT3	3000GT	P500,V	103	178.4	22.7	14.3	31.6	1,036.1	28
Producers	6364GT3	3000GT	P500,V	103	177.2	22.1	11.3	34.4	1,031.7	31
Producers	6374VT3	VT3	P500,V	103	176.4	18.4	24.7	33.4	1,043.4	26
Anderson	103VT3	VT3	C250	103	176.4	19.2	4.7	34.4	1,039.9	27
Channel	201-16VT3	VT3	P500,V	101	174.7	18.4	22.7	33.9	1,033.4	29
Channel	201-79VT3P	VT3P	P500,V	101	174.3	18.2	4.3	33.9	1,031.9	30
Dekalb	DKC50-66 CK	VT3	n/a	100	182.6	17.1	15.3	34.8	1,086.0	18
Test Average =					177.7	19.8	7.9	33.6	1,044.9	
LSD (0.10) =					19.9	2.0	11.8			
C.V. =					8.2	7.4				


 F.I.R.S.T. Manager

TEST COMMENTS: *A cool, wet spring continued into late June, causing slow crop development early. Rapid growth in July coincided with wind storms, causing goosenecking here. Lodging scores shown here reflect severity of goosenecking. Brace roots were highly developed.*

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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 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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