

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

Eric Lee, Mower County, MN 55926 [ DEXTER ]

**95 - 100 Day CRM**

B1MNSE02a

PREV. CROP/HERB: Soybean / Glyphosate

SOIL DESCRIPTION: Readlyn silt loam, well drained, conventional w/ fall till, non-irrigated

SOIL CONDITION: High P, high K, 6.8 pH, 4.2% OM

PEST MANAGEMENT: Force, Halex GT

30" ROW SPACING

FERTILITY - Applied N: 160 Fall,

Applied N-P-K (units): 160-60-120

SEEDED - RATE: May 7 35,680 /A

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

HARVESTED - STAND: Oct 23 33,900 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	197-32VT3P	VT3P	P500,V	97	<b>234.2</b>	13.9	0.3	33.9	1,405.2	1
Gold Country	101-77	VT3	P250	101	<b>231.7</b>	15.0	0.3	34.4	1,390.2	2
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	<b>230.7</b>	14.4	0.0	34.4	1,384.2	3
Dekalb	DKC49-94 GC	STX	P500,V	99	<b>229.7</b>	14.2	0.0	33.4	1,378.2	4
Dekalb	DKC48-12 GC	STX	P500,V	98	<b>229.2</b>	13.7	0.0	33.9	1,375.2	5
Viking	Y84-00RL	3000GT	C250	100	<b>228.9</b>	14.6	0.3	32.5	1,373.4	6
Gold Country	96-20	VT3P	P250	96	<b>227.8</b>	13.7	3.0	34.8	1,366.8	7
NuTech	5N-001*	3000GT	C250	100	<b>226.9</b>	13.9	0.0	34.4	1,361.4	8
Gold Country	95-15	STX	P500,V	95	225.3	14.0	0.0	32.5	1,351.8	9
AgriGold	A6203VT3	VT3	P500,V	96	223.4	14.3	0.7	33.4	1,340.4	10
Fielders Choice	NG6550	VT3P	P250	100	223.3	14.4	0.3	34.8	1,339.8	11
Dyna-Gro	D37VP71	VT3P	P250	97	223.2	14.1	0.7	35.3	1,339.2	12
Wensman	W 7290VT3PRO	VT3P	P250	99	222.9	14.5	1.3	33.9	1,337.4	13
Channel	196-06VT3P	VT3P	P500,V	96	222.4	14.4	0.3	33.9	1,334.4	14
Producers	5784VT3	VT3	P500,V	97	222.3	14.4	0.0	33.0	1,333.8	15
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	221.1	14.7	0.0	33.9	1,326.6	16
Kruger	K-7495	VT3P	P500,V	95	221.0	13.8	0.3	34.8	1,326.0	17
Producers	6044VT3	VT3	P250	100	220.8	15.4	1.3	34.8	1,322.6	18
Titan Pro	X81A97	GT/CB/LL	C250	97	220.3	15.0	0.0	35.3	1,321.8	19
G2 Genetics	5H-797^*	HX,RR2	C250	97	220.0	14.3	0.0	34.8	1,320.0	20
Stine	9417VT3*	VT3	C250	100	219.9	14.2	0.0	32.5	1,319.4	21
Trelay	5VP688	VT3P	P500,V	101	218.7	14.6	0.0	33.4	1,312.2	22
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	218.3	14.4	2.7	34.4	1,309.8	23
Mustang	4404	3000GT	P500,V	95	218.0	14.4	0.3	32.0	1,308.0	24
Mustang	5808	STX	P500,V	98	216.9	14.0	0.3	33.9	1,301.4	25
G2 Genetics	5H-696^*	HX,RR2	C250	96	216.8	14.9	0.0	32.0	1,300.8	26
Jung	7V429	VT3P	P500	96	216.5	13.6	0.0	34.8	1,299.0	27
Wensman	W 7270VT3PRO	VT3P	P250	97	216.5	14.3	0.3	32.5	1,299.0	28
Dekalb	DKC45-51 GC	STX	P250	95	216.4	14.3	1.7	34.4	1,298.4	29
Wensman	W 7268VT3	VT3	P250	96	216.2	14.6	0.3	32.5	1,297.2	30
Dekalb	DKC50-66 CK	VT3	n/a	100	213.7	14.1	0.7	32.5	1,282.2	38
Test Average =					<b>213.7</b>	<b>14.5</b>	<b>1.2</b>	<b>33.9</b>	<b>1,282.1</b>	
LSD (0.10) =					12.2	0.6	4.1			
C.V. =					4.2	3.3				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Below normal temps and above normal moisture delayed planting, and continued until the end of June. July brought heat and humidity, while August was hot and dry. Some tip-back on ears occurred here (as in most other areas of MN). None of the corn here was black-layered when frost occurred Sept 15. High winds on Sept 29 caused some stalk lodging.*

Lat: N43.75929, Long: W-92.70195

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.00

<sup>†</sup> 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

<sup>††</sup> 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](http://www.firstseedtests.com)

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Report Date: 10/24/2011

Revised:

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

Eric Lee, Mower County, MN 55926 [ DEXTER ]

**FULL SEASON TEST**

101 - 104 Day CRM

B1MNSE02b

PREV. CROP/HERB: Soybean / Glyphosate

SOIL DESCRIPTION: Readlyn silt loam, well drained, conventional w/ fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.8 pH, 4.2% OM

PEST MANAGEMENT: Force, Halex GT

30" ROW SPACING

FERTILITY - Applied N: 160 Fall,

Applied N-P-K (units): 160-60-120

SEEDED - RATE: May 7 35,680 /A

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

HARVESTED - STAND: Oct 23 33,800 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W 7360VT3	VT3	P250	103	<b>233.4</b>	15.0	0.3	33.4	1,400.4	1
Kruger	K-6102VT3	VT3	P500,V	102	<b>229.6</b>	15.0	0.0	33.0	1,377.6	2
Channel	201-16VT3	VT3	P500,V	101	<b>226.2</b>	15.7	1.7	34.4	1,353.2	3
Wensman	W 7320VT3PRO	VT3P	P250	101	<b>225.4</b>	15.4	0.0	34.4	1,350.1	4
Jung	7475VT3	VT3	P500	100	<b>225.0</b>	14.8	0.0	33.9	1,350.0	5
Titan Pro	89A02GL	3000GT	C250	102	<b>224.5</b>	15.4	0.0	33.9	1,344.8	6
AgriGold	A6319VT3Pro	VT3P	P500,V	103	<b>224.2</b>	15.9	0.0	34.8	1,340.2	7
Trelay	6VT154	VT3	P500,V	102	<b>223.3</b>	15.6	1.3	34.8	1,336.5	8
G2 Genetics	5H-502^*	HX,RR2	C250	102	<b>221.9</b>	15.9	0.3	34.8	1,326.4	9
Viking	D74-02RL	STX	C250	101	<b>220.9</b>	15.2	0.0	33.9	1,324.3	10
Kruger	K-6201VT3	VT3	P500,V	101	<b>220.8</b>	15.4	4.3	34.8	1,322.6	11
Gold Country	101-99	STX	P250	104	<b>220.2</b>	15.5	0.0	34.8	1,318.4	13
Channel	203-43VT3P	VT3P	P500,V	103	<b>220.0</b>	14.8	0.7	32.5	1,320.0	12
G2 Genetics	5H-501^*	HX,RR2	C250	101	<b>219.9</b>	15.4	0.0	34.4	1,317.2	14
Viking	Y54-04RL	3000GT	C250	104	<b>219.9</b>	16.5	0.0	31.6	1,311.2	15
Dekalb	DKC53-78 GC	STX	n/a	103	<b>218.9</b>	15.5	0.3	34.8	1,310.7	16
Kruger	K-4104	VT2P	P500,V	104	<b>218.0</b>	15.8	0.0	34.4	1,303.6	18
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	<b>218.0</b>	16.5	0.3	33.9	1,299.8	19
LG Seeds	LG2509GT3	3000GT	P500,V	103	<b>218.0</b>	16.9	1.3	33.4	1,297.6	21
Renk	RK698VT3	VT3	P250	102	<b>217.7</b>	14.8	0.3	34.8	1,306.2	17
Dairyland	ST-9500SSX	STX	C250	100	<b>216.9</b>	15.6	0.0	34.8	1,298.1	20
Gold Country	103-09	VT3	P250	103	<b>216.5</b>	15.8	4.3	33.4	1,294.7	22
AgriGold	A6323GT3	3000GT	P500,V	103	<b>215.8</b>	16.8	3.3	33.9	1,285.1	24
Mustang	6460	3000GT	P250	104	<b>215.2</b>	16.6	0.3	33.4	1,282.6	26
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	<b>215.1</b>	15.0	11.3	34.8	1,290.6	23
Wensman	W 7392GT3	3000GT	P250	104	<b>214.5</b>	16.8	0.3	33.9	1,277.3	29
Trelay	6ST576	STX	P500,V	104	<b>214.0</b>	15.1	0.0	34.4	1,283.5	25
Dairyland	ST-9799	VT3	C250	99	<b>213.7</b>	14.4	0.3	33.4	1,282.2	27
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	<b>213.5</b>	15.4	0.3	34.4	1,278.9	28
Producers	6374VT3	VT3	P500,V	103	<b>212.5</b>	14.9	1.7	34.4	1,275.0	30
Dekalb	DKC50-66 CK	VT3	n/a	100	<b>210.0</b>	14.5	0.0	33.4	1,260.0	37
Test Average =					<b>213.7</b>	<b>15.4</b>	<b>1.7</b>	<b>33.8</b>	<b>1,279.4</b>	
LSD (0.10) =					13.5	0.6	5.2			
C.V. =					4.6	2.9				



F.I.R.S.T. Manager

**TEST COMMENTS:** *Below normal temps and above normal moisture delayed planting, and continued until the end of June. July brought heat and humidity, while August was hot and dry. Some tip-back on ears occurred here (as in most other areas of MN). None of the corn here was black-layered when frost occurred Sept 15. High winds on Sept 29 caused some stalk lodging.*

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

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