

**2010 BETTER HYBRIDS Harvest Report for Minnesota South East [ MNSE ]**
**EARLY SEASON TEST**

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

**95 - 100 Day CRM**

PREV. CROP/HERB: Corn / G-Max Lite, Glyphosate B0MNSE16a  
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.6 pH, 2.8% OM  
 PEST MANAGEMENT: Force, Roundup, Callisto 30" ROW SPACING  
 FERTILITY - Applied N: 210 Fall,  
 Applied N-P-K (units): 210-230-170  
 SEEDED - RATE: Apr 27 36,500 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 18 33,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	9421RR	RR2	P250	227.4	15.8	0.0	34.9	\$1,182.9	1
NuTech	3T-401	VT3	C250	226.7	16.0	5.3	35.3	\$1,176.6	2
Dekalb	DKC50-35 GC	VT3	P250	224.2	15.2	0.0	33.4	\$1,174.4	4
Gold Country	96-22	SS	P250	224.1	15.1	0.0	33.9	\$1,175.2	3
Jung	7475VT3	VT3	P250	223.8	15.1	0.0	32.4	\$1,173.6	5
NuTech	5N-695	3000GT	C250	220.2	14.9	0.0	31.9	\$1,157.4	8
Producers	5804VT3Pro	VT3P	P250	219.7	14.4	0.3	33.8	\$1,161.3	6
Dairyland	ST9500Q	HXT,RR2	C250	219.2	16.3	13.7	31.0	\$1,133.7	13
Kruger	K-7593	VT3P	P250	219.0	14.4	0.0	35.8	\$1,157.6	7
Gold Country	98-90	VT3P	P250	219.0	15.8	0.3	31.9	\$1,139.2	10
NuTech	G2 5H-999^*	HX,RR2	C250	218.7	15.0	3.0	33.4	\$1,148.2	9
Viking	Y84-00RL	3000GT	C250	218.2	17.2	0.3	34.4	\$1,116.7	21
Wensman	W8180STX	SS	P250	216.9	16.1	0.0	34.4	\$1,124.4	15
Trelay	4VT456	VT3	P250	216.4	15.2	1.3	35.3	\$1,133.5	14
Channel	196-06VT3	VT3	P250	216.0	14.7	0.7	34.4	\$1,137.9	11
Channel	199-55VT3	VT3	P250	215.1	14.5	0.0	34.8	\$1,135.7	12
Anderson	626R	RR2	None	214.5	15.3	0.0	33.4	\$1,122.3	16
Titan Pro	89A98GL	3000GT	C250	214.1	15.8	0.0	33.9	\$1,113.7	25
Trelay	4VP726	VT3P	P250	213.0	14.8	0.3	34.8	\$1,120.8	18
Kruger	K-6295VT3	VT3	C250	212.9	14.8	0.3	35.8	\$1,120.3	20
Dekalb	DKC48-37 GC	VT3	P250	212.2	14.5	0.0	35.8	\$1,120.4	19
Wensman	W7273VT3	VT3	P250	211.9	14.7	0.3	32.9	\$1,116.3	23
Titan Pro	9094GL	CB/LL/RW	C250	211.7	14.2	3.0	33.8	\$1,121.6	17
AgriGold	A6220VT3Pro	VT3P	P250	211.5	14.5	3.0	34.8	\$1,116.7	22
NuTech	G2 5X-500^	HXT,RR2	C250	211.0	14.9	7.3	33.4	\$1,109.0	26
Wensman	W7270VT3Pro	VT3P	P250	210.3	14.1	0.0	33.9	\$1,115.4	24
Renk	RK580VT3	VT3	P250	209.4	14.7	0.3	31.4	\$1,103.1	28
Kruger	K-7495	VT3P	P250	209.0	14.8	0.0	35.8	\$1,099.8	30
Gold Country	100-07	VT3	P250	208.8	14.5	1.3	31.4	\$1,102.5	29
Producers	5784VT3	VT3	P250	208.7	14.3	1.7	34.3	\$1,104.4	27
Dekalb	DKC50-66 CK	VT3	P250	202.5	14.3	0.0	32.9	\$1,071.6	44
Test Average =				207.7	14.9	1.7	33.5	\$1,091.3	
LSD (0.10) =				13.4	0.7	8.5			
C.V. =				4.8	3.6				

**TEST COMMENTS:** *The hybrids at this second year corn on corn site were quite tall - a result of warm and wet weather from early June through the end of September. Root lodging was worse in some hybrids than others, and would have been more prevalent had high winds occurred after black layer. A few hybrids showed evidence of stalk lodging as well.* Lat: N44.38823, Long: W93.12524

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.25

<sup>†</sup> **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P  
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

<sup>††</sup> IST: AVC - Avicta Complete, 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 chosen product, \* = brands without a seed lot number **ns** = not significantly different

Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Revised:

**2010 BETTER HYBRIDS Harvest Report for Minnesota South East [ MNSE ]**
**FULL SEASON TEST**

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

**101 - 104 Day CRM**

PREV. CROP/HERB: Corn / G-Max Lite, Glyphosate B0MNSE16b  
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.6 pH, 2.8% OM  
 PEST MANAGEMENT: Force, Roundup, Callisto 30" ROW SPACING  
 FERTILITY - Applied N: 210 Fall,  
 Applied N-P-K (units): 210-230-170  
 SEEDED - RATE: Apr 27 36,500 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 18 32,800 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	A6276VT3	VT3	P250	<b>253.0</b>	16.2	0.0	33.9	\$1,310.0	1
Producers	6364GT3	3000GT	C250	<b>242.3</b>	17.5	11.3	34.8	\$1,235.7	2
Viking	Y54-04RL	3000GT	C250	<b>237.0</b>	17.4	6.7	33.4	\$1,210.1	5
Kruger	K-7302	VT3P	P250	<b>235.8</b>	16.8	0.0	34.8	\$1,212.5	4
Gold Country	101-99	SS	P250	<b>235.4</b>	17.2	0.3	35.8	\$1,204.8	7
Renk	RK698VT3	VT3	P250	<b>235.1</b>	16.2	3.0	32.4	\$1,217.3	3
Trelay	6ST576	SS	P250	233.8	16.4	3.0	35.3	\$1,207.8	6
Fielders Choice	NG6583	VT3	P250	231.3	16.7	0.3	36.3	\$1,190.7	8
Titan Pro	80A01GL	3000GT	C250	230.2	17.5	1.3	29.0	\$1,174.0	12
Wensman	W7433VT3	VT3	P250	229.2	17.1	0.0	33.9	\$1,174.4	11
Jung	7610VT3	VT3P	P250	228.5	16.9	0.0	25.2	\$1,173.6	13
Channel	201-16VT3	VT3	P250	227.7	15.4	0.3	33.8	\$1,190.0	9
NuTech	G2 5H-502^	HX,RR2	C250	227.7	16.1	0.3	31.4	\$1,180.4	10
Gold Country	101-01	VT3	P250	226.8	16.5	0.0	33.4	\$1,170.3	15
J Pasker	JP5019GT3	3000GT	P250	226.7	17.1	0.0	32.9	\$1,161.6	20
NuTech	3T-401A	VT3	C250	226.2	16.4	3.0	34.3	\$1,168.5	16
Kruger	K-6201VT3	VT3	P250	225.6	16.0	2.7	34.9	\$1,170.9	14
Viking	6919VT3	VT3	C250	225.5	16.6	0.3	34.4	\$1,162.2	19
Wensman	W6307RR	RR2	P250	225.3	16.3	0.0	35.8	\$1,165.3	18
Kruger	K-6102VT3	VT3	C250	225.0	16.1	0.0	35.8	\$1,166.4	17
Fielders Choice	NG6646	VT3	P250	224.8	16.9	14.3	35.8	\$1,154.6	22
Mustang	6460	3000GT	C250	224.5	17.9	1.7	34.8	\$1,139.6	26
Jung	7S555	SS	P250	223.7	16.7	3.3	34.8	\$1,151.6	23
Anderson	103R	RR2	None	222.8	17.0	4.3	31.4	\$1,143.0	25
Pioneer	35F44 GC	HXT,RR2	C250	222.6	18.1	0.0	32.4	\$1,127.2	30
Trelay	5VP688	VT3P	P250	219.9	14.9	0.0	31.0	\$1,155.8	21
Anderson	103VT3	VT3	C250	219.6	16.9	16.3	34.3	\$1,127.9	29
Titan Pro	80A05GL	3000GT	C250	219.5	17.1	3.0	33.4	\$1,124.7	31
Renk	RK682VT3	VT3	P250	218.8	16.1	0.3	31.4	\$1,134.3	27
Wensman	W7289VT3	VT3	P250	216.2	15.5	0.0	33.4	\$1,128.6	28
<b>Dekalb</b>	<b>DKC50-66 CK</b>	<b>VT3</b>	<b>P250</b>	<b>218.0</b>	<b>15.0</b>	<b>0.0</b>	<b>34.8</b>	<b>\$1,144.5</b>	<b>24</b>
Test Average =				<b>219.7</b>	<b>16.5</b>	<b>3.0</b>	<b>32.8</b>	<b>\$1,133.0</b>	
LSD (0.10) =				15.1	1.0	6.6			
C.V. =				5.0	4.3				

**TEST COMMENTS:** *The hybrids at this second year corn on corn site were quite tall - a result of warm and wet weather from early June through the end of September. Root lodging was worse in some hybrids than others, and would have been more prevalent had high winds occurred after black layer. A few hybrids showed evidence of stalk lodging as well.* Lat: N44.38823, Long: W93.12524

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 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

<sup>††</sup> **IST:** AVC - Avicta Complete, 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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Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

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- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
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- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
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