

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

Leon Schoenrock, Waseca County, MN 56072 [ NEW RICHLAND ]

**95 - 100 Day CRM**

PREV. CROP/HERB: Soybean / Glyphos Extra B0MNSE18a  
 SOIL DESCRIPTION: Nicollet-Webster-Clarion clay loam, moderately drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.8 pH, 4.1% OM  
 PEST MANAGEMENT: Force, GlyStar Plus twice 30" ROW SPACING  
 FERTILITY - Applied N: 125 Spring,  
 Applied N-P-K (units): 125-30-60  
 SEEDED - RATE: Apr 29 36,500 /A **TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)**  
 HARVESTED - STAND: Oct 13 32,400 /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
NuTech	G2 5H-999 <sup>*</sup>	HX,RR2	C250	<b>233.0</b>	14.3	2.7	33.4	\$1,233.0	1
Mustang	4322VT3	VT3	P250	<b>226.2</b>	14.1	0.0	35.3	\$1,199.8	2
NuTech	3T-401	VT3	C250	<b>226.1</b>	14.3	1.3	31.5	\$1,196.5	3
Dekalb	DKC50-35 GC	VT3	P250	<b>225.4</b>	14.1	1.3	33.9	\$1,195.5	4
Stine	9421RR	RR2	P250	<b>224.4</b>	14.7	0.0	34.4	\$1,182.1	5
Channel	199-55VT3	VT3	P250	<b>222.6</b>	14.1	11.3	31.0	\$1,180.7	6
Channel	196-06VT3	VT3	P250	<b>221.7</b>	14.0	0.0	35.4	\$1,177.2	7
Producers	5804VT3Pro	VT3P	P250	220.6	13.9	0.0	35.3	\$1,172.7	9
Kruger	K-7495	VT3P	P250	220.4	13.8	0.0	31.9	\$1,173.0	8
LG Seeds	LG2478VT3Pro	VT3P	P250	220.1	13.8	0.0	34.8	\$1,171.4	10
Wensman	W7270VT3Pro	VT3P	P250	219.7	13.8	0.0	33.9	\$1,169.2	11
Producers	5784VT3	VT3	P250	218.9	14.0	1.3	34.8	\$1,162.4	13
Dekalb	DKC48-37 GC	VT3	P250	218.6	14.2	0.0	31.9	\$1,158.1	15
Dairyland	ST9395	VT3	C250	217.9	13.6	1.3	34.8	\$1,162.3	14
Jung	7475VT3	VT3	P250	217.3	14.3	1.3	29.5	\$1,150.0	16
LG Seeds	LG2469VT3	VT3	P250	214.3	13.8	0.0	31.9	\$1,140.5	17
NuTech	3T-300	VT3	C250	211.2	14.4	0.0	31.4	\$1,116.4	19
Kruger	K-6295VT3	VT3	C250	210.8	14.3	0.0	31.0	\$1,115.6	21
Titan Pro	80A00GL <sup>*</sup>	3000GT	C250	210.7	14.1	0.0	31.9	\$1,117.6	18
NuTech	G2 5X-500 <sup>^</sup>	HXT,RR2	C250	210.6	14.4	0.3	33.4	\$1,113.2	25
Trelay	4VP726	VT3P	P250	210.5	14.2	0.0	35.3	\$1,115.2	23
Jung	7452VT3	VT3	P250	210.0	14.0	0.0	32.9	\$1,115.1	24
Gold Country	96-20	VT3P	P250	209.8	13.9	0.0	26.6	\$1,115.3	22
Renk	RK580VT3	VT3	P250	209.7	13.8	8.3	35.8	\$1,116.0	20
Wensman	W7273VT3	VT3	P250	208.8	13.8	0.0	32.9	\$1,111.2	26
Channel	193-46VT3	VT3	P250	207.8	13.8	0.0	32.4	\$1,105.9	27
Gold Country	100-07	VT3	P250	207.8	14.0	0.0	30.9	\$1,103.4	28
Dairyland	ST9500Q	HXT,RR2	C250	207.7	14.4	0.7	34.3	\$1,097.9	31
Mustang	4330VT3	VT3	P250	207.5	14.2	0.0	31.9	\$1,099.3	30
Mustang	4367VT3	VT3	P250	207.1	13.8	0.0	34.3	\$1,102.2	29
Dekalb	DKC50-66 CK	VT3	P250	220.3	14.1	0.0	32.4	\$1,168.5	12
Test Average =				<b>208.0</b>	<b>14.1</b>	<b>1.4</b>	<b>32.4</b>	<b>\$1,102.9</b>	
LSD (0.10) =				12.9	0.2	4.6			
C.V. =				4.6	1.2				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *A growing season with warm but not hot temperatures, plus excess rain, caused fast growth and little root*
*development. The weak roots have caused some plants to lean at harvest, and lodging in some hybrids. Leon states that it's a darn*
*good crop and the advanced maturity allows him to put much of his corn crop right in the bin.* Lat: N43.94998, Long: W93.57919

**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**

Leon Schoenrock, Waseca County, MN 56072 [ NEW RICHLAND ]

**101 - 104 Day CRM**

PREV. CROP/HERB: Soybean / Glyphos Extra BOMNSE18b  
 SOIL DESCRIPTION: Nicollet-Webster-Clarion clay loam, moderately drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.8 pH, 4.1% OM  
 PEST MANAGEMENT: Force, GlyStar Plus twice 30" ROW SPACING  
 FERTILITY - Applied N: 125 Spring,  
 Applied N-P-K (units): 125-30-60  
 SEEDED - RATE: Apr 29 36,500 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 13 33,100 /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
Renk	RK698VT3	VT3	P250	234.9	14.6	3.0	34.3	\$1,238.9	1
Gold Country	101-99	SS	P250	234.7	15.4	0.0	33.9	\$1,226.5	2
AgriGold	A6323GT3	3000GT	C250	233.9	15.3	0.0	32.4	\$1,223.8	3
Renk	RK682VT3	VT3	P250	232.2	15.4	1.3	33.9	\$1,213.5	4
Fielders Choice	NG6583	VT3	P250	231.5	16.0	0.0	33.4	\$1,201.5	6
Jung	7610VT3	VT3P	P250	229.7	15.6	0.0	31.9	\$1,197.7	8
Kruger	K-6201VT3	VT3	P250	229.5	15.1	0.3	33.9	\$1,203.5	5
Stine	9523VT3	VT3	P250	229.0	15.1	0.3	33.9	\$1,200.9	7
Pioneer	35F44 GC	HXT,RR2	C250	228.8	15.9	0.0	35.3	\$1,188.8	11
Mustang	6460	3000GT	C250	227.9	15.3	3.0	35.3	\$1,192.4	10
Fielders Choice	NG6646	VT3	P250	224.9	14.9	0.0	32.4	\$1,182.1	12
Trelay	5VP688	VT3P	P250	224.7	13.8	0.0	35.8	\$1,195.9	9
Jung	7S555	SS	P250	224.1	14.6	0.0	33.4	\$1,181.9	13
Channel	201-16VT3	VT3	P250	223.5	14.5	0.0	36.3	\$1,180.1	14
Producers	6364GT3	3000GT	C250	223.5	15.4	1.3	31.9	\$1,168.0	16
Trelay	6ST576	SS	P250	223.0	15.2	0.0	33.4	\$1,168.1	15
Viking	Y54-04RL	3000GT	C250	221.7	15.3	0.0	31.4	\$1,159.9	17
Gold Country	103-09	VT3	P250	221.3	15.2	0.0	31.9	\$1,159.2	18
Viking	6919VT3	VT3	C250	220.8	15.2	5.3	33.9	\$1,156.6	19
Anderson	103VT3	VT3	C250	220.3	15.2	7.3	30.0	\$1,153.9	21
NuTech	G2 5H-501 <sup>^</sup>	HX,RR2	C250	219.5	14.7	5.3	33.4	\$1,156.3	20
Wensman	W8364STX	SS	P250	219.0	16.0	12.0	31.9	\$1,136.6	27
Trelay	6VT154	VT3	P250	218.2	15.2	0.0	29.0	\$1,142.9	25
Wensman	W7433VT3	VT3	P250	218.2	15.8	0.0	32.4	\$1,135.1	28
Wensman	W7289VT3	VT3	P250	217.5	14.5	0.0	34.4	\$1,148.4	22
NuTech	3T-401A	VT3	C250	217.2	14.7	0.3	35.8	\$1,144.2	23
AgriGold	A6276VT3	VT3	P250	216.8	14.6	0.0	31.4	\$1,143.4	24
Kruger	K-6102VT3	VT3	C250	216.2	14.7	0.0	35.3	\$1,138.9	26
NuTech	G2 5H-502 <sup>^</sup>	HX,RR2	C250	214.8	15.0	0.0	34.3	\$1,127.7	29
Kruger	K-7302	VT3P	P250	214.8	15.0	0.0	31.0	\$1,127.7	30
<b>Dekalb</b>	<b>DKC50-66 CK</b>	<b>VT3</b>	<b>P250</b>	<b>208.6</b>	<b>14.3</b>	<b>0.0</b>	<b>33.9</b>	<b>\$1,103.9</b>	<b>35</b>
Test Average =				<b>215.4</b>	<b>15.0</b>	<b>1.1</b>	<b>33.1</b>	<b>\$1,130.2</b>	
LSD (0.10) =				16.4	0.8	5.2			
C.V. =				5.6	3.7				

**TEST COMMENTS:** *A growing season with warm but not hot temperatures, plus excess rain, caused fast growth and little root development. The weak roots have caused some plants to lean at harvest, and lodging in some hybrids. Leon states that it's a darn good crop and the advanced maturity allows him to put much of his corn crop right in the bin.* Lat: N43.94998, Long: W93.57919

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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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Revised:



## 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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