

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

Brian Herbst, Dodge County, MN 55944 [ KASSON ]

**95 - 100 Day CRM**

PREV. CROP/HERB: Soybean / Roundup, Status

B0MNSE13a

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

SOIL CONDITIONS: High P, mod. High K, 7.1 pH, 3.8% OM

PEST MANAGEMENT: Force, Harness, Roundup, Callisto

30" ROW SPACING

FERTILITY - Applied N: 178 Spring,

Applied N-P-K (units): 178-0-110

SEEDED - RATE: Apr 22 36,500 /A

**TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)**

HARVESTED - STAND: Oct 12 35,240 /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
Wensman	W7273VT3	VT3	P250	<b>249.4</b>	16.7	0.0	35.8	\$1,284.2	1
Channel	196-06VT3	VT3	P250	<b>246.8</b>	16.7	0.0	36.8	\$1,270.8	2
Jung	7475VT3	VT3	P250	<b>239.1</b>	17.2	0.0	36.8	\$1,224.1	10
Kruger	K-6399VT3	VT3	P250	<b>239.0</b>	17.0	0.0	36.3	\$1,226.1	8
Producers	5784VT3	VT3	P250	<b>238.9</b>	15.7	0.0	35.3	\$1,244.2	3
AgriGold	A6220VT3Pro	VT3P	P250	<b>238.8</b>	15.7	0.0	35.8	\$1,244.0	4
NuTech	5N-197	3000GT	C250	<b>237.2</b>	17.9	0.0	32.4	\$1,204.5	22
NuTech	G2 5H-999A*	HX,RR2	C250	<b>237.1</b>	16.2	0.0	34.4	\$1,227.1	7
Titan Pro	89A98GL	3000GT	C250	236.1	16.6	0.0	36.3	\$1,217.0	13
Channel	199-55VT3	VT3	P250	236.0	17.8	1.3	35.3	\$1,199.6	25
Gold Country	100-07	VT3	P250	235.9	16.1	0.0	35.3	\$1,223.3	11
Renk	RK559VT3P	VT3P	P250	235.9	16.8	0.0	36.3	\$1,213.3	14
Stine	9421RR	RR2	P250	235.9	17.3	0.0	36.3	\$1,206.2	19
Stine	9417VT3	VT3	P250	235.7	16.9	0.0	34.4	\$1,209.9	16
Renk	RK580VT3	VT3	P250	235.4	16.3	0.0	35.8	\$1,218.2	12
Jung	7452VT3	VT3	P250	235.4	16.9	0.0	35.8	\$1,208.5	17
AgriGold	A6225VT3	VT3	P250	235.0	16.6	0.0	35.8	\$1,210.7	15
Titan Pro	9094GL	CB/LL/RW	C250	235.0	15.6	0.0	32.9	\$1,225.2	9
Producers	5804VT3Pro	VT3P	P250	234.7	15.4	0.0	36.3	\$1,227.1	6
Trelay	5ST259	SS	P250	233.2	17.9	0.0	35.8	\$1,184.2	29
LG Seeds	LG2469VT3	VT3	P250	232.6	16.5	0.0	35.8	\$1,200.5	24
Dekalb	DKC48-37 GC	VT3	P250	232.4	16.2	0.0	34.4	\$1,203.2	23
Kruger	K-7495	VT3P	P250	232.3	16.0	0.0	36.3	\$1,205.4	21
NuTech	3T-401	VT3	C250	231.8	16.9	0.0	37.3	\$1,190.6	26
Wensman	W7270VT3Pro	VT3P	P250	231.5	15.6	0.0	37.3	\$1,207.6	18
Channel	197-14VT3	VT3	P250	230.7	17.3	0.0	32.4	\$1,179.1	31
LG Seeds	LG2498VT3	VT3	P250	229.4	14.9	0.0	34.8	\$1,205.5	20
Mustang	4367VT3	VT3	P250	227.7	15.6	0.0	35.3	\$1,187.1	27
LG Seeds	LG2478VT3Pro	VT3P	P250	227.5	15.6	0.0	34.8	\$1,186.2	28
Anderson	628VT3	VT3	C250	226.6	15.6	0.0	36.8	\$1,181.7	30
<b>Dekalb</b>	<b>DKC50-66 CK</b>	<b>VT3</b>	<b>P250</b>	<b>236.7</b>	<b>16.0</b>	<b>0.0</b>	<b>35.3</b>	<b>\$1,228.5</b>	<b>5</b>
Test Average =				<b>224.8</b>	<b>16.6</b>	<b>0.0</b>	<b>35.2</b>	<b>\$1,158.8</b>	
LSD (0.10) =				11.6	0.5	0.4			
C.V. =				3.8	2.2				

**TEST COMMENTS:** *This was an excellent looking plot site. Growing conditions were very good all season, with above average rainfall from June through September. Plant health was good, although some feeding from earworm was evident at harvest. Stalks stood well here. Brian states that he has seen some lodging in his fields.*

Lat: N44.02052, Long: W92.7225

Yield &amp; 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)

AgSCI Copyright 2010

Report Date: 10/15/2010

Revised:



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

**FULL SEASON TEST**

Brian Herbst, Dodge County, MN 55944 [ KASSON ]

**101 - 104 Day CRM**

PREV. CROP/HERB: Soybean / Roundup, Status BOMNSE13b  
 SOIL DESCRIPTION: Readlyn silt loam, well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITIONS: High P, mod. High K, 7.1 pH, 3.8% OM  
 PEST MANAGEMENT: Force, Harness, Roundup, Callisto 30" ROW SPACING  
 FERTILITY - Applied N: 178 Spring,  
 Applied N-P-K (units): 178-0-110  
 SEEDED - RATE: Apr 22 36,500 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 12 34,100 /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
Kruger	K-6201VT3	VT3	P250	251.1	18.9	0.3	34.8	\$1,259.5	1
Gold Country	103-09	VT3	P250	244.8	19.6	0.0	29.0	\$1,217.6	5
Channel	201-16VT3	VT3	P250	241.7	18.0	0.0	35.8	\$1,225.4	3
Trelay	6ST576	SS	P250	241.3	20.2	0.3	36.8	\$1,191.5	9
Kruger	K-6102VT3	VT3	C250	241.1	18.0	0.0	34.3	\$1,222.4	4
Renk	RK682VT3	VT3	P250	239.1	20.7	1.3	33.8	\$1,173.5	19
Fielders Choice	NG6510	VT3	P250	238.7	16.8	0.0	34.3	\$1,227.4	2
AgriGold	A6276VT3	VT3	P250	238.5	17.8	0.0	34.8	\$1,212.1	7
Jung	7610VT3	VT3P	P250	238.5	20.9	0.0	32.4	\$1,167.7	22
Jung	7S555	SS	P250	238.2	20.1	0.0	33.9	\$1,177.7	16
NuTech	3T-401A	VT3	C250	237.8	17.4	0.0	34.8	\$1,214.2	6
NuTech	G2 5H-502^	HX,RR2	C250	236.4	19.1	0.0	34.8	\$1,182.9	14
Jung	7520VT3	VT3	P250	235.4	19.2	0.0	29.5	\$1,176.5	18
LG Seeds	LG2525RR2	RR2	P250	235.2	20.3	0.0	35.3	\$1,160.0	26
Fielders Choice	NG6646	VT3	P250	234.7	18.7	0.0	36.3	\$1,180.1	15
Fielders Choice	NG6583	VT3	P250	234.3	19.2	0.0	34.8	\$1,171.0	21
Renk	RK698VT3	VT3	P250	233.5	17.7	0.0	33.9	\$1,188.0	10
Trelay	5VP688	VT3P	P250	232.6	16.2	0.0	32.4	\$1,204.4	8
NuTech	G2 5H-501^	HX,RR2	C250	232.6	18.2	0.0	35.8	\$1,176.5	17
Producers	6364GT3	3000GT	C250	232.5	18.4	0.0	36.3	\$1,173.2	20
Viking	6919VT3	VT3	C250	232.4	19.9	0.0	35.3	\$1,151.8	30
Gold Country	102-05	VT3	P250	232.2	17.3	0.0	36.3	\$1,187.0	12
Wensman	W6307RR	RR2	P250	231.5	18.8	0.0	35.8	\$1,162.6	23
AgriGold	A6323GT3	3000GT	C250	231.3	19.0	0.3	35.3	\$1,158.8	27
Fielders Choice	NG6546	VT3	P250	230.7	16.8	0.0	32.9	\$1,186.3	13
Gold Country	101-01	VT3	P250	230.2	18.5	0.0	36.3	\$1,160.2	25
Trelay	6VT154	VT3	P250	229.9	18.7	0.0	29.0	\$1,155.9	28
Kruger	K-7302	VT3P	P250	229.4	18.1	0.0	35.3	\$1,161.7	24
Viking	Y54-04RL	3000GT	C250	228.4	19.0	0.0	33.9	\$1,144.3	31
NuTech	5N-803	3000GT	C250	228.2	18.2	2.7	34.3	\$1,154.2	29
Dekalb	DKC50-66 CK	VT3	P250	230.4	16.6	0.0	34.8	\$1,187.5	11
Test Average =				228.9	18.9	0.1	34.1	\$1,147.4	
LSD (0.10) =				10.2	0.6	0.7			
C.V. =				3.3	2.4				

**TEST COMMENTS:** *This was an excellent looking plot site. Growing conditions were very good all season, with above average rainfall from June through September. Plant health was good, although some feeding from earworm was evident at harvest. Stalks stood well here. Brian states that he has seen some lodging in his fields.* Lat: N44.02052, Long: W92.7225

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



## 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

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
- Escalate<sup>™</sup> is a trademark of Beck's Superior Hybrids
- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
- Acceleron<sup>®</sup>, Genuity<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, SmartStax<sup>™</sup>, VT Double PRO<sup>™</sup>, VT Triple PRO<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, and YieldGard VT Triple<sup>®</sup> are trademarks of Monsanto Technology LLC.
- Agrisure<sup>®</sup>, ApronMaxx<sup>®</sup>, ApronXL<sup>®</sup>, Avicta<sup>®</sup>, Cruiser<sup>®</sup>, and CruiserMaxx<sup>®</sup> are trademarks of Syngenta.
- Inovate<sup>™</sup> System is a trademark of Valent