

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

Brian Herbst, Dodge County, MN 55944 [ KASSON ]

**95 - 100 Day CRM**

B1MNSE04a

 PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Readlyn silt loam, well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 7 pH, 3.2% OM  
 PEST MANAGEMENT: Force, Roundup, Halex GT, Headline  
 FERTILITY - Applied N: 178 Spring,  
 Applied N-P-K (units): 178-0-112

30" ROW SPACING

 SEEDED - RATE: May 7 35,680 /A  
 HARVESTED - STAND: Oct 17 32,700 /A

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

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	
Producers	6044VT3	VT3	P250	100	<b>232.8</b>	15.5	0.3	33.7	1,393.9	1	
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	<b>224.1</b>	14.2	0.0	34.2	1,344.6	2	
LG Seeds	LG2468VT3	VT3	P500,V	97	<b>224.0</b>	14.5	0.0	33.3	1,344.0	3	
Viking	Y84-00RL	3000GT	C250	100	<b>223.6</b>	15.1	0.0	31.9	1,341.0	4	
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	<b>222.7</b>	14.5	0.3	32.8	1,336.2	5	
Croplan	3514VT3 GC	VT3	C250	95	<b>222.7</b>	15.5	0.0	33.3	1,333.4	7	
Pioneer	P9917XR GC	HXT,RR2	C250	99	<b>222.3</b>	14.5	1.3	32.4	1,333.8	6	
Channel	197-32VT3P	VT3P	P500,V	97	<b>221.9</b>	14.2	0.0	32.8	1,331.4	8	
G2 Genetics	5H-797^*	HX,RR2	C250	97	<b>221.8</b>	14.1	0.0	33.7	1,330.8	9	
Trelay	5VP688	VT3P	P500,V	101	220.4	14.0	0.3	33.7	1,322.4	10	
NuTech	5N-001*	3000GT	C250	100	217.5	14.9	0.0	32.8	1,305.0	11	
Dekalb	DKC45-51 GC	STX	P250	95	217.0	14.3	0.0	33.7	1,302.0	12	
Jung	7V429	VT3P	P500	96	216.5	13.9	0.0	32.4	1,299.0	13	
Dekalb	DKC48-12 GC	STX	P500,V	98	215.7	14.1	0.0	32.8	1,294.2	14	
Wensman	W 7290VT3PRO	VT3P	P250	99	215.5	14.2	0.0	34.6	1,293.0	15	
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	215.2	13.8	0.0	33.3	1,291.2	16	
Mustang	5808	STX	P500,V	98	215.1	14.0	0.0	31.4	1,290.6	17	
Titan Pro	89A98GL	3000GT	C250	98	214.1	14.6	0.0	33.7	1,284.6	18	
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	213.5	13.9	0.0	29.6	1,281.0	19	
Titan Pro	80A01GLV	3111	C250	101	212.7	14.7	0.0	31.9	1,276.2	20	
Gold Country	101-77	VT3	P250	101	212.7	14.9	0.0	34.2	1,276.2	21	
Fielders Choice	NG6550	VT3P	P250	100	212.5	14.6	0.0	32.3	1,275.0	22	
Wensman	W 7268VT3	VT3	P250	96	212.3	14.2	0.0	33.3	1,273.8	23	
Renk	RK565GTCBLLRW	3000GT	C250	100	211.7	14.4	0.0	34.2	1,270.2	24	
Legend	LR9098 GENSS GC	STX	n/a	98	211.5	14.5	0.0	31.9	1,269.0	25	
Channel	196-06VT3P	VT3P	P500,V	96	210.2	14.2	0.0	32.4	1,261.2	26	
Dekalb	DKC49-94 GC	STX	P500,V	99	210.2	14.2	0.0	32.8	1,261.2	27	
Producers	5784VT3	VT3	P500,V	97	210.0	14.2	0.0	32.8	1,260.0	28	
Viking	C44-95R	VT3P	C250	96	209.8	14.7	0.0	33.3	1,258.8	30	
AgriGold	A6203VT3	VT3	P500,V	96	207.9	14.3	0.0	32.8	1,247.4	31	
Dekalb	DKC50-66 CK	VT3	n/a	100	209.8	14.2	0.0	31.9	1,258.8	29	
					Test Average =	<b>207.9</b>	<b>14.3</b>	<b>0.3</b>	<b>32.7</b>	<b>1,247.0</b>	
					LSD (0.10) =	13.5	0.5	1.5			
					C.V. =	4.8	2.5				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Cool, wet weather delayed planting two weeks. The rains were plentiful until August 1. Temps were cool through July 1, allowing plants to set good ear girth. Consistently warm days and nights caused some tip-back during the dry Aug. Test weights were excellent despite Sept 15 frost. Stalks were weak but stood well at harvest, thanks to good weather.*

Lat: N44.02192, Long: W-92.72735

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: 10/20/2011

Revised:

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

Brian Herbst, Dodge County, MN 55944 [ KASSON ]

**FULL SEASON TEST**
**101 - 104 Day CRM**

B1MNSE04b

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Readlyn silt loam, well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7 pH, 3.2% OM  
 PEST MANAGEMENT: Force, Roundup, Halex GT, Headline  
 FERTILITY - Applied N: 178 Spring,  
 Applied N-P-K (units): 178-0-112

30" ROW SPACING

SEEDED - RATE: May 7 35,680 /A  
 HARVESTED - STAND: Oct 17 32,500 /A

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

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
Kruger	K-4104	VT2P	P500,V	104	<b>229.1</b>	15.3	0.0	31.9	1,372.9	1
Channel	203-43VT3P	VT3P	P500,V	103	<b>228.1</b>	14.3	0.0	33.3	1,368.6	2
Wensman	W 7360VT3	VT3	P250	103	<b>221.8</b>	14.4	0.0	34.2	1,330.8	3
Wensman	W 7392GT3	3000GT	P250	104	<b>221.2</b>	15.4	0.0	32.8	1,325.0	4
Mustang	6460	3000GT	P250	104	<b>221.1</b>	15.5	0.0	31.9	1,323.8	5
AgriGold	A6323GT3	3000GT	P500,V	103	219.7	15.5	0.0	34.2	1,315.5	6
Viking	Y54-04RL	3000GT	C250	104	218.7	15.3	0.0	29.6	1,310.6	7
Trelay	6VT154	VT3	P500,V	102	218.3	15.2	0.3	33.3	1,308.7	9
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	218.2	14.5	0.0	33.3	1,309.2	8
Dekalb	DKC53-78 GC	STX	n/a	103	217.1	14.9	0.0	33.7	1,302.6	10
Gold Country	101-99	STX	P250	104	217.0	14.5	0.3	32.3	1,302.0	11
G2 Genetics	5H-502^*	HX,RR2	C250	102	215.8	15.0	0.0	33.7	1,294.8	12
Gold Country	103-09	VT3	P250	103	215.8	15.3	0.0	32.8	1,293.2	13
G2 Genetics	5H-902^*	HX,RR2	C250	102	215.0	14.6	1.3	32.8	1,290.0	14
Channel	201-16VT3	VT3	P500,V	101	215.0	14.9	1.3	34.2	1,290.0	15
Kruger	K4-9302	STX	P500,V	102	214.3	15.2	0.0	33.3	1,284.7	17
AgriGold	A6319VT3Pro	VT3P	P500,V	103	214.2	14.9	0.0	30.5	1,285.2	16
Trelay	6ST576	STX	P500,V	104	213.8	14.5	0.0	33.7	1,282.8	18
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	213.6	14.2	0.0	34.6	1,281.6	19
Titan Pro	89A02GL	3000GT	C250	102	212.7	14.9	0.0	32.3	1,276.2	20
NuTech	5B-0205*	GT/CB/LL	C250	102	212.5	14.3	0.3	32.8	1,275.0	21
Jung	7S555	STX	P500	102	212.3	14.4	0.0	30.5	1,273.8	22
Channel	202-32STX	STX	P500,V	102	212.2	14.6	0.0	33.3	1,273.2	23
Stine	9523VT3*	VT3	C250	104	212.2	14.4	0.3	33.3	1,273.2	24
LG Seeds	LG2509GT3	3000GT	P500,V	103	211.7	15.5	0.0	32.8	1,267.6	25
Kruger	K-6102VT3	VT3	P500,V	102	211.2	14.5	0.0	33.3	1,267.2	26
Producers	6364GT3	3000GT	P500,V	103	210.7	15.2	0.0	32.8	1,263.1	27
AgriGold	A6276VT3	VT3	P500,V	101	210.3	14.2	0.0	33.2	1,261.8	28
Kruger	K-6201VT3	VT3	P500,V	101	210.1	15.1	2.7	34.6	1,260.1	29
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	209.5	15.9	0.0	31.9	1,252.3	31
Dekalb	DKC50-66 CK	VT3	n/a	100	203.6	14.0	0.0	31.0	1,221.6	39
Test Average =					<b>209.1</b>	<b>14.7</b>	<b>0.3</b>	<b>32.5</b>	<b>1,253.8</b>	
LSD (0.10) =					10.9	0.3	1.2			
C.V. =					3.8	1.5				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Cool, wet weather delayed planting two weeks. The rains were plentiful until August 1. Temps were cool through July 1, allowing plants to set good ear girth. Consistently warm days and nights caused some tip-back during the dry Aug. Test weights were excellent despite Sept 15 frost. Stalks were weak but stood well at harvest, thanks to good weather.*

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<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

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

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