

**2010 BETTER HYBRIDS Harvest Report for South Dakota North East [ SDNE ]**  
 Tim Bjorklund, Brookings County, SD 57212 [ ARLINGTON ]

**EARLY SEASON TEST**  
**91 - 96 Day CRM**

PREV. CROP/HERB: Soybean / Roundup B0SDNE07a  
 SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Moderate P, high K, 6.5 pH, 3.8% OM  
 PEST MANAGEMENT: Rascal 30" ROW SPACING  
 FERTILITY - Applied N: 184 Fall, 6 Spring,  
 Applied N-P-K (units): 190-52-15  
 SEEDING - RATE: May 5 29,000 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 19 26,700 /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
Rea	4T286	VT3	P250	131.6	15.4	10.0	29.0	\$558.0	1
Great Lakes	4555G3VT3	VT3	P250	128.8	17.6	4.7	25.6	\$539.0	5
Pannar	5A-155	VT3	C250	127.7	15.4	19.0	27.1	\$541.4	2
Gold Country	96-20	VT3P	P250	127.0	15.1	15.0	28.5	\$539.4	3
Dekalb	DKC43-27 GC	VT3	P250	126.2	14.1	8.7	26.1	\$539.2	4
Dekalb	DKC46-60 GC	VT3	P250	122.1	14.4	6.3	30.0	\$520.8	6
Kruger	K-7495	VT3P	P250	120.7	14.5	30.0	27.1	\$514.5	7
Dekalb	DKC44-92 GC	RR2	P250	116.2	15.6	24.7	26.6	\$492.1	8
Gold Country	95-11	VT3	P250	113.3	14.2	7.3	27.1	\$483.8	9
Mustang	4313VT3	VT3	P250	113.3	15.3	9.0	27.1	\$480.7	10
Fielders Choice	NG6420	VT3	P250	111.9	15.2	19.7	26.6	\$475.0	11
NuTech	G2 5H-696^	HX,RR2	C250	110.5	18.5	6.3	27.1	\$460.0	13
Fielders Choice	NG6455	VT3	P250	108.4	15.1	15.0	27.6	\$460.4	12
Rea	4V653	VT3P	P250	104.6	15.0	20.7	28.1	\$444.6	14
Wensman	W7107VT3	VT3	P250	102.9	15.0	33.7	23.7	\$437.3	15
Rea	3T544	VT3	C250	102.8	14.9	20.7	24.7	\$437.2	16
Gold Country	96-22	SS	P250	100.2	16.1	29.7	29.5	\$423.1	19
Pannar	4E-705	VT3	C250	99.1	13.9	11.3	25.1	\$423.9	17
Stine	9311VT3Pro	VT3P	P250	99.1	14.4	25.7	30.5	\$422.7	20
Gold Country	95-50	VT3	P250	98.9	13.7	34.0	28.1	\$423.5	18
Pannar	5A-125	VT3	C250	98.1	14.6	22.3	24.7	\$417.9	21
Mustang	4330VT3	VT3	P250	97.2	14.8	33.0	28.1	\$413.6	22
Rea	3V440	VT3P	P250	96.0	13.4	25.7	31.0	\$411.8	23
NuTech	5H-992A	HX,RR2	C250	95.1	14.3	23.3	20.3	\$405.8	24
AgVenture	R4926VBW	VT3	P250	94.5	15.8	41.7	25.7	\$399.7	26
Kruger	K-7593	VT3P	P250	93.7	13.8	19.0	31.0	\$401.0	25
NuTech	G2 5X-598^	HXT,RR2	C250	93.5	18.3	30.0	27.6	\$389.7	28
NuTech	5N-197A	3000GT	C250	93.5	19.4	25.0	27.1	\$387.1	29
NuTech	3C-889	YGCB,RR2	P250	92.6	14.9	12.7	24.2	\$393.8	27
Kruger	K-6194VT3	VT3	P500,V	87.9	14.4	27.7	26.6	\$374.9	30
Channel	195-99VT3 CK	VT3	C250	68.5	16.0	43.0	24.2	\$289.4	44
Test Average =				90.5	14.7	30.2	26.7	\$385.0	
LSD (0.10) =				25.1	1.9	22.4			
C.V. =				20.4	9.8				

**TEST COMMENTS:** *Despite rainy weather this plot was in good shape through mid June due to hillside placement. More heavy rains and saturated soils throughout the summer caused some crop stress. Yields were impacted most by a strong July wind storm causing considerable green snap. The lodging score reflects the level of green snap damage.* Lat: N44.47834, Long: W97.08711

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.25

<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

**2010 BETTER HYBRIDS Harvest Report for South Dakota North East [ SDNE ]**
**FULL SEASON TEST**

Tim Bjorklund, Brookings County, SD 57212 [ ARLINGTON ]

**97 - 100 Day CRM**

B0SDNE07b

 PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Moderate P, high K, 6.5 pH, 3.8% OM  
 PEST MANAGEMENT: Rascal  
 FERTILITY - Applied N: 184 Fall, 6 Spring,  
 Applied N-P-K (units): 190-52-15

30" ROW SPACING

 SEEDED - RATE: May 5 29,000 /A  
 HARVESTED - STAND: Oct 19 27,400 /A

**TOP 30 of 36 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Producers	5784VT3	VT3	P250	<b>147.8</b>	15.8	3.7	25.1	\$625.2	1
AgVenture	RL5039HB	HX,RR2	C250	<b>142.7</b>	11.7	6.0	25.6	\$618.2	2
Wensman	W7273VT3	VT3	P250	<b>135.2</b>	17.4	2.0	27.1	\$566.5	3
NuTech	G2 5X-500 <sup>^</sup>	HXT,RR2	C250	<b>127.3</b>	17.0	3.0	25.6	\$534.7	5
Pannar	5D-303	VT3	C250	<b>127.0</b>	17.5	7.3	27.1	\$531.8	6
Dekalb	DKC50-66 GC	VT3	P250	<b>126.1</b>	16.5	28.7	30.9	\$531.2	7
Fielders Choice	NG6510	VT3	P250	<b>125.6</b>	18.1	1.0	27.1	\$524.1	8
Gold Country	94-29	VT3	P250	125.4	13.6	2.0	29.0	\$537.3	4
Mustang	4367VT3	VT3	P250	123.8	16.0	9.0	27.6	\$523.1	9
Gold Country	98-90	VT3P	P250	123.6	18.9	7.3	28.6	\$513.2	10
NuTech	3T-300	VT3	C250	122.0	17.1	10.0	22.7	\$512.1	11
Great Lakes	5090G3VT3	VT3	P250	117.7	18.9	7.0	30.0	\$488.7	13
Kruger	K-6399VT3	VT3	P250	116.9	18.7	2.0	28.1	\$486.0	14
NuTech	G2 5H-999 <sup>^</sup> *	HX,RR2	C250	116.4	16.2	4.7	27.1	\$491.2	12
NuTech	3T-401	VT3	C250	116.1	18.4	15.0	28.1	\$483.6	15
Kruger	K-6102VT3	VT3	C250	113.9	16.8	26.0	26.6	\$478.9	17
Great Lakes	4840VT3PRO	VT3P	P250	113.5	15.7	11.3	30.5	\$480.4	16
Stine	9421RR	RR2	P250	111.7	17.6	25.0	28.5	\$467.5	19
Pannar	5B-960	VT3	C250	111.5	15.8	10.0	25.2	\$471.6	18
NuTech	5N-001	3000GT	C250	110.5	21.8	3.0	27.6	\$450.8	21
Wensman	W7270VT3Pro	VT3P	P250	109.6	14.7	28.0	27.6	\$466.6	20
NuTech	G2 5H-700 <sup>^</sup>	HX,RR2	C250	106.5	17.8	7.0	27.1	\$445.2	22
NuTech	G2 5X-598A <sup>^</sup>	HXT,RR2	C250	105.5	17.8	20.7	25.2	\$441.0	23
Stine	9417VT3	VT3	P250	103.7	18.1	15.0	30.0	\$432.7	24
AgVenture	RL6157HBW	HXT,RR2	C250	99.5	18.8	9.0	25.6	\$413.4	25
Producers	5804VT3Pro	VT3P	P250	96.7	14.9	23.3	28.5	\$411.2	26
Wensman	W7267VT3	VT3	P250	95.9	14.9	24.7	29.5	\$407.8	27
Mycogen	2P486	SS	C250	93.2	15.8	14.7	26.6	\$394.2	28
Gold Country	100-07	VT3	P250	84.3	15.4	39.3	27.1	\$357.4	30
NuTech	3T-098	VT3	C250	83.5	15.2	32.7	27.6	\$354.5	31
Channel	195-99VT3 CK	VT3	C250	89.6	14.7	25.7	24.7	\$381.5	29
Test Average =				<b>105.0</b>	<b>16.5</b>	<b>20.1</b>	<b>27.4</b>	<b>\$442.1</b>	
LSD (0.10) =				20.5	3.0	19.0			
C.V. =				14.3	13.5				

**TEST COMMENTS:** *Despite rainy weather this plot was in good shape through mid June due to hillside placement. More heavy rains and saturated soils throughout the summer caused some crop stress. Yields were impacted most by a strong July wind storm causing considerable green snap. The lodging score reflects the level of green snap damage.* Lat: N44.47834, Long: W97.08711

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<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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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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- 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.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
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