

**2010 BETTER HYBRIDS Harvest Report for South Dakota South East [ SDSE ]**  
 Brock Hoogestraat, Turner County, SD 57039 [ CHANCELLOR ]

**EARLY SEASON TEST**  
**99 - 104 Day CRM**

PREV. CROP/HERB: Soybean / Treflan, Roundup B0SDSE15a  
 SOIL DESCRIPTION: Chancellor-Wentworth silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Moderate P, mod. high K, 6.5 pH, 4.3% OM  
 PEST MANAGEMENT: SureStart, Roundup, Callisto 30" ROW SPACING  
 FERTILITY - Applied N: 90 Spring,  
 Applied N-P-K (units): 90-50-20  
 SEEDING - RATE: May 3 29,000 /A TOP 30 OF 51 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 14 27,500 /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
Dekalb	DKC52-59 GC	VT3	P250	218.9	14.1	1.0	27.1	\$935.3	1
NuTech	3T-401	VT3	C250	209.1	14.5	2.0	28.5	\$891.3	2
NuTech	G2 5H-105 <sup>^</sup>	HX,RR2	C250	208.5	17.8	1.0	28.5	\$871.5	5
Kruger	K-6201VT3	VT3	P250	208.1	15.1	1.0	27.6	\$883.9	3
Gold Country	101-99	SS	P250	205.7	14.4	1.0	27.6	\$877.3	4
Rea	5T577	VT3	P250	204.0	14.6	1.0	25.6	\$869.0	6
Pannar	6D-409	VT3	C250	203.7	14.4	1.0	27.1	\$868.8	7
Kruger	K-6399VT3	VT3	P250	203.2	14.7	1.0	28.6	\$865.1	8
Kruger	K-6102VT3	VT3	C250	199.3	14.2	1.0	27.6	\$851.0	10
Heine	745VT3	VT3	P250	199.0	16.2	1.0	27.1	\$839.8	12
Dekalb	DKC50-44 GC	VT3	P250	197.1	14.3	1.0	27.1	\$841.1	11
Wensman	W7273VT3	VT3	P250	196.8	14.4	1.0	27.6	\$839.4	13
Great Lakes	5416G3VT3	VT3	P250	196.7	16.4	1.0	28.1	\$829.1	15
Renze	7079RR2	RR2	C250	196.0	14.1	1.0	25.2	\$837.4	14
Mustang	6460	3000GT	C250	192.7	15.5	1.0	28.5	\$816.6	16
Producers	6364GT3	3000GT	C250	192.0	16.3	1.0	26.1	\$809.8	20
Renze	2190HXT/LL/RR2	HXT,RR2	C250	191.2	15.8	1.0	28.1	\$808.8	22
Kruger	K-7302	VT3P	P250	191.1	15.5	1.0	26.1	\$809.8	21
Dekalb	DKC53-45 GC	SS	P250	190.9	14.3	1.0	30.0	\$814.7	17
Gold Country	102-05	VT3	P250	190.9	14.8	1.0	28.1	\$812.3	19
Rea	4A918	RR2	P250	190.2	13.9	2.0	30.0	\$813.6	18
NuTech	5N-803	3000GT	C250	190.1	14.9	1.0	26.1	\$808.4	23
Renze	2181-3000GT	3000GT	C250	189.3	15.2	1.0	28.1	\$803.6	25
Stine	9523VT3	VT3	P250	189.2	15.0	2.0	27.1	\$804.1	24
NuTech	3T-603	VT3	C250	189.0	16.1	1.0	29.0	\$798.1	26
Gold Country	98-90	VT3P	P250	186.6	15.2	1.0	28.1	\$792.1	28
Rea	5T910	VT3	P250	186.5	15.3	1.0	28.1	\$791.2	30
Mustang	5307VT3	VT3	P250	186.1	14.9	1.0	27.1	\$791.4	29
Wensman	W8364STX	SS	P250	185.5	15.2	1.0	31.4	\$787.4	31
Pannar	5D-303	VT3	C250	185.3	14.0	1.0	30.0	\$792.2	27
Channel	201-13VT3 CK	VT3	C250	202.8	15.6	2.0	29.0	\$858.9	9
Test Average =				189.1	15.0	1.2	27.5	\$803.8	
LSD (0.10) =				11.4	0.8	1.1			
C.V. =				4.4	3.8				

**TEST COMMENTS:** *This was a nice site this year and despite all the rain this area received, the plot drained fairly well. Saw no problems with lodging as all plots stood real well. Dry weather has really helped drive moistures down and has made for good harvest conditions.*

Lat: N43.3923, Long: W96.96921

Yield &amp; 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

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

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Report Date: 10/18/2010

Revised:

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

Brock Hoogestraat, Turner County, SD 57039

[ CHANCELLOR ]

**105 - 108 Day CRM**

PREV. CROP/HERB: Soybean / Treflan, Roundup

B0SDSE15b

SOIL DESCRIPTION: Chancellor-Wentworth silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated

SOIL CONDITIONS: Moderate P, mod. high K, 6.5 pH, 4.3% OM

PEST MANAGEMENT: SureStart, Roundup, Callisto

30" ROW SPACING

FERTILITY - Applied N: 90 Spring,

Applied N-P-K (units): 90-50-20

SEEDED - RATE: May 3 29,000 /A

**TOP 30 OF 33 FOR GROSS INCOME (SORTED BY YIELD)**

HARVESTED - STAND: Oct 14 27,000 /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
Heine	810VT3PRO	VT3P	P250	<b>225.4</b>	18.9	1.0	28.1	\$936.0	1
Fielders Choice	NG6726	VT3	P250	<b>220.7</b>	19.5	1.0	26.6	\$913.1	3
LG Seeds	LG2529VT3Pro	VT3P	P250	<b>218.1</b>	15.6	1.0	30.5	\$923.7	2
NuTech	G2 5H-607^	HX,RR2	C250	<b>217.3</b>	18.2	1.0	26.6	\$906.1	4
Stine	9531VT3Pro	VT3P	P250	214.2	20.1	1.0	24.2	\$883.0	7
Heine	798VT3	VT3	P250	213.3	19.3	1.0	25.2	\$883.6	6
Wensman	W7455VT3	VT3	P250	210.3	18.6	1.0	25.6	\$874.8	8
Great Lakes	5643VT3PRO	VT3P	P250	210.0	15.4	1.0	29.5	\$890.4	5
Renze	7270RR2	RR2	C250	209.3	18.3	1.0	28.5	\$872.3	9
Mustang	6317VT3	VT3	P250	206.8	16.6	1.0	26.1	\$870.6	11
Producers	6634VT3	VT3	P250	206.3	16.1	1.0	26.6	\$871.1	10
Renze	1219VT3	VT3	C250	203.2	15.0	1.0	29.5	\$863.6	12
Mycogen	2J597	SS	C250	202.1	16.2	1.0	28.5	\$852.9	15
Wensman	W7433VT3	VT3	P250	201.9	16.0	1.0	24.7	\$853.0	14
Fielders Choice	NG6696	VT3	P250	201.3	18.1	1.0	27.6	\$839.9	16
Kruger	K-6006VT3	VT3	C250	200.6	17.7	1.0	28.1	\$839.0	17
Mycogen	2K594	SS	C250	199.8	18.2	1.0	25.2	\$833.2	19
Kruger	K-6408VT3	VT3	P250	199.6	17.7	2.0	25.7	\$834.8	18
Producers	6944VT3	VT3	P250	197.0	18.6	1.0	27.1	\$819.5	22
Stine	9528VT3Pro	VT3P	P250	196.9	22.6	1.0	28.1	\$799.4	26
Heine	755VT3	VT3	P250	196.2	15.7	1.0	25.2	\$830.4	20
Wensman	W7473VT3	VT3	P250	195.9	18.8	1.0	24.7	\$814.0	23
Fielders Choice	NG6646	VT3	P250	195.7	16.1	1.0	27.1	\$826.3	21
Dairyland	ST9206Q	HXT,RR2	C250	194.6	18.6	1.0	25.2	\$809.5	24
Stine	9608 Smart Stax	SS	P250	191.9	16.8	1.0	25.6	\$806.9	25
NuTech	G2 5H-005^	HX,RR2	C250	187.9	17.7	1.0	27.1	\$785.9	27
Great Lakes	5783G3VT3	VT3	P250	187.0	19.1	1.0	29.0	\$775.6	30
NuTech	3A-406	GT	C250	184.9	16.5	1.0	25.2	\$778.9	28
Pioneer	35F44 GC	HXT,RR2	C250	184.0	16.2	1.0	28.1	\$776.5	29
NuTech	5N-804	3000GT	C250	181.8	14.9	2.0	30.0	\$773.1	31
Channel	201-13VT3 CK	VT3	C250	<b>203.6</b>	15.8	1.0	26.6	\$861.2	13
Test Average =				<b>199.9</b>	<b>17.5</b>	<b>1.1</b>	<b>27.0</b>	<b>\$837.1</b>	
LSD (0.10) =				15.8	0.7	0.6			
C.V. =				5.8	2.8				

**TEST COMMENTS:** *This was a nice site this year and despite all the rain this area received, the plot drained fairly well. Saw no problems with lodging as all plots stood real well. Dry weather has really helped drive moistures down and has made for good harvest conditions.*

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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

 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

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Report Date:

Revised: 10/24/2010 New results table, replace 10/18/2010 version



## 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>

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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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