

**2011 BETTER HYBRIDS Harvest Report for South Dakota South East [ SDSE ]**

Ernie Christensen, McCook County, SD 57048 [ SALEM ]

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

B1SDSE13a

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Hand-Bonilla loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 3% OM  
 PEST MANAGEMENT: Durango, Keystone  
 FERTILITY - Applied N: 40 Fall, 95 Spring, 30 Sidedress,  
 Applied N-P-K (units): 165-70-70

30" ROW SPACING

SEEDED - RATE: May 24 32,400 /A  
 HARVESTED - STAND: Oct 14 29,700 /A

**TOP 30 OF 48 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	K4-9302	STX	P500,V	102	219.4	16.2	1.0	32.4	1,303.2	4
Mustang	6460	3000GT	P250	104	219.2	20.0	1.0	30.0	1,260.4	8
Renk	RK580VT3	VT3	P250	98	217.7	11.8	2.0	31.5	1,306.2	1
Gold Country	96-20	VT3P	P250	96	217.6	11.4	1.0	30.5	1,305.6	2
Wensman	W 7290VT3PRO	VT3P	P250	99	217.6	13.2	3.0	31.4	1,305.6	3
Great Lakes	5157G3VT3	VT3	P500,V	101	217.2	14.6	1.0	28.0	1,303.2	5
Rea	5T577	VT3	P250	101	216.6	12.7	1.0	29.5	1,299.6	6
Gold Country	103-09	VT3	P250	103	211.9	16.4	3.0	30.0	1,256.6	10
Wensman	W 7320VT3PRO	VT3P	P250	101	211.3	15.6	1.0	31.0	1,261.5	7
Producers	6044VT3	VT3	P250	100	209.5	13.7	3.7	30.5	1,257.0	9
Great Lakes	5339GT3	3000GT	P500,V	103	208.8	20.4	1.0	29.5	1,196.4	23
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	208.5	14.5	1.0	27.6	1,251.0	11
Stine	9417VT3*	VT3	C250	100	207.8	12.0	1.0	30.0	1,246.8	12
Wensman	W 7360VT3	VT3	P250	103	205.6	13.5	1.0	30.0	1,233.6	13
Renze	1219VT3	VT3	C250	103	205.4	15.9	1.0	27.6	1,223.2	16
Dairyland	ST-9303SSX	STX	C250	103	205.3	15.8	1.0	29.0	1,223.6	15
Producers	6374VT3	VT3	P500,V	103	204.6	15.2	1.0	29.5	1,225.6	14
Heine	744-3000GT	3000GT	P250	104	204.1	19.8	1.0	27.6	1,175.6	30
G2 Genetics	5H-501^*	HX,RR2	C250	101	203.6	15.9	1.0	30.9	1,212.4	18
Renze	2222-3000GT*	3000GT	C250	104	202.8	18.0	1.0	31.9	1,186.4	25
Fielders Choice	NG6546	VT3	P250	100	202.2	13.1	1.0	27.6	1,213.2	17
Fielders Choice	NG6530	STX	P250	99	201.3	13.4	1.0	30.5	1,207.8	19
Kruger	K4-9599	STX	P500,V	99	199.9	14.6	1.0	30.9	1,199.4	21
Renk	RK698VT3	VT3	P250	102	199.8	14.8	1.0	29.0	1,198.8	22
Renze	CX17104RR2*	RR2	P250	104	198.9	13.7	1.0	31.4	1,193.4	24
Dekalb	DKC52-59 GC	VT3	P250	102	196.6	13.2	1.0	29.0	1,179.6	26
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	196.4	14.1	1.0	28.5	1,178.4	27
Gold Country	101-77	VT3	P250	101	196.1	13.0	3.7	31.0	1,176.6	28
Renze	2072-3000GT*	3000GT	C250	96	196.1	10.5	6.0	31.9	1,176.6	29
Fielders Choice	NG6514	STX	P250	98	195.9	14.3	1.0	29.5	1,175.4	31
<b>Golden Harvest</b>	<b>H-7949 3000GT CK</b>	<b>3000GT</b>	<b>C250</b>	<b>103</b>	<b>203.4</b>	<b>16.4</b>	<b>3.0</b>	<b>27.1</b>	<b>1,206.2</b>	<b>20</b>
Test Average =					<b>200.4</b>	<b>15.1</b>	<b>1.7</b>	<b>29.7</b>	<b>1,193.0</b>	
LSD (0.10) =					17.8	1.3	2.8			
C.V. =					6.5	6.4				



F.I.R.S.T. Manager

**TEST COMMENTS:** We had a later than ideal planting date as the spring was very wet and cool. Good moisture early in the season

then it turned to the dry side in mid July through August with virtually no rain in September. On September 15 a big frost finished the crop.

Grain moistures were good but a few ears had fallen off, not a big problem. A good yielding test.

Lat: N43.83503, Long: W-97.2494

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.050 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

**2011 BETTER HYBRIDS Harvest Report for South Dakota South East [ SDSE ]**

Ernie Christensen, McCook County, SD 57048 [ SALEM ]

**FULL SEASON TEST**

105 - 108 Day CRM

B1SDSE13b

 PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Hand-Bonilla loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.7 pH, 3% OM  
 PEST MANAGEMENT: Durango, Keystone  
 FERTILITY - Applied N: 40 Fall, 95 Spring, 30 Sidedress,  
 Applied N-P-K (units): 165-70-70

30" ROW SPACING

 SEEDED - RATE: May 24 32,400 /A  
 HARVESTED - STAND: Oct 14 29,200 /A

TOP 29 OF 29 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	6944VT3	VT3	P500,V	108	235.5	19.9	1.0	28.5	1,355.3	1
Renk	RK741VT3P	VT3P	P250	108	228.6	21.5	1.0	30.5	1,297.3	2
G2 Genetics	5H-905 <sup>^</sup>	HX,RR2	C250	105	217.0	17.5	1.0	30.5	1,274.9	3
Renk	RK818VT3P	VT3P	P250	108	216.7	18.5	1.0	28.5	1,262.3	4
LG Seeds	LG2544VT3	VT3	P500,V	108	215.3	18.5	2.0	31.0	1,254.1	5
G2 Genetics	5H-0601 <sup>^</sup>	HX,RR2	P1250,V	106	210.3	20.1	1.0	29.0	1,208.2	6
Heine	810VT3P	VT3P	P250	108	208.3	19.9	1.0	29.0	1,198.8	7
Stine	9529VT3Pro*	VT3P	C250	106	208.3	20.7	1.0	29.5	1,190.4	10
Stine	9531VT3Pro*	VT3P	C250	107	208.1	20.6	3.0	29.0	1,190.3	11
Kruger	K-7907	VT3P	P500,V	107	207.9	19.9	1.0	28.5	1,196.5	9
Great Lakes	5643VT3PRO	VT3P	P500,V	106	203.2	18.2	1.0	29.5	1,186.7	12
Mustang	6808	STX	P500,V	106	201.2	22.5	3.7	28.5	1,131.8	20
Producers	6694VT3Pro	VT3P	P250	106	200.4	21.6	2.0	29.5	1,136.3	19
Kruger	K4-9607	STX	P500,V	107	200.3	20.1	1.0	31.4	1,150.7	16
Mustang	6230	VT3	P500,V	105	199.6	17.6	1.0	30.0	1,171.7	13
G2 Genetics	5X-908*	HXT,RR2	C250	108	198.6	24.0	1.0	27.1	1,102.2	22
Wensman	W 6443RR	RR2	P250	105	198.0	17.9	2.0	30.9	1,159.3	15
Kruger	K-6408VT3	VT3	P500,V	108	197.5	18.5	2.0	29.5	1,150.4	17
Heine	751STX	STX	P250	106	197.0	23.8	1.0	30.0	1,095.3	24
Dekalb	DKC55-09 GC	STX	P250	105	196.1	18.3	1.0	28.5	1,144.2	18
Wensman	W 7473VT3	VT3	P250	109	195.4	16.1	1.0	28.1	1,161.7	14
G2 Genetics	5H-0701 <sup>^</sup>	HX,RR2	C250	106	193.8	19.8	1.0	29.0	1,116.3	21
Gold Country	107-17	VT3P	P250	107	193.3	21.7	1.0	28.0	1,095.0	25
Dairyland	ST-9308SSX	STX	C500,AV	108	192.2	20.8	1.0	27.6	1,097.5	23
Great Lakes	5770VT3PRO	VT3P	P500,V	107	189.0	23.4	1.0	30.0	1,054.6	27
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	185.8	19.8	1.0	29.0	1,070.2	26
Dairyland	ST-9206SSX	STX	C250	106	178.7	19.8	1.0	29.5	1,029.3	28
Kruger	K4-9205	STX	P500,V	105	174.4	17.3	1.0	28.1	1,026.3	29
This and the row below are intentionally blank										
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	205.6	18.4	1.0	28.0	1,198.6	8
Test Average =					202.0	19.8	1.3	29.2	1,163.5	
LSD (0.10) =					17.5	1.8	1.5			
C.V. =					6.3	6.6				

**TEST COMMENTS:** We had a later than ideal planting date as the spring was very wet and cool. Good moisture early in the season then it turned to the dry side in mid July through August with virtually no rain in September. On September 15 a big frost finished the crop. Grain moistures were good but a few ears had fallen off, not a big problem. A good yielding test. Lat: N43.83503, Long: W-97.2494

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

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