

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

Scott Sperry, Brown County, SD 57427 [ BATH ]

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

B1SDNE10a

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Harmony-Beotial silt loam, mod. well drained, strip-till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 6% OM  
 PEST MANAGEMENT: Roundup (2x), Atrazine  
 FERTILITY - Applied N: 140 Fall,  
 Applied N-P-K (units): 140-70-0

30" ROW SPACING

SEEDED - RATE: May 18 33,800 /A  
 HARVESTED - STAND: Oct 24 31,000 /A

**TOP 30 OF 53 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
Seeds 2000	9503VT3P	VT3P	P250	95	<b>226.5</b>	14.1	1.0	30.9	1,359.0	1
Stine	9311VT3Pro*	VT3P	C250	93	<b>224.3</b>	14.7	1.0	30.5	1,345.8	2
Gold Country	93-07	VT3P	P250	93	<b>224.1</b>	13.2	2.0	31.4	1,344.6	3
Gold Country	96-20	VT3P	P250	96	<b>222.5</b>	14.0	1.0	31.5	1,335.0	4
Renk	RK585VT3P	VT3P	P250	95	219.9	13.8	1.0	32.4	1,319.4	5
Rea	4V653	VT3P	P250	96	218.6	13.6	1.0	31.4	1,311.6	6
Dyna-Gro	D35RR40	RR2	P250	95	217.8	13.5	1.0	29.0	1,306.8	8
Rea	4V588	VT3P	P250	94	216.9	14.1	1.0	31.0	1,301.4	9
Kruger	K-7593	VT3P	P500,V	93	216.8	13.6	1.0	33.4	1,300.8	10
Stine	9207GTCBLL*	GT/CB/LL	C250	91	212.7	13.6	4.7	29.0	1,276.2	11
King	4010GTCBLL GC	GT/CB/LL	None	91	209.3	14.2	4.7	31.0	1,255.8	12
Gold Country	95-15	STX	P500,V	95	208.9	13.5	1.0	30.5	1,253.4	13
Dekalb	DKC42-72 GC	VT3	P250	92	208.2	13.5	2.0	30.5	1,249.2	14
Wensman	W 7268VT3	VT3	P250	96	207.4	15.3	1.0	30.5	1,241.3	15
Seeds 2000	9602G3	3000GT	C250	96	205.6	13.6	1.0	31.9	1,233.6	16
Producers	5223VT2Pro	VT2P	P500,V	92	204.6	13.3	1.0	31.9	1,227.6	17
Proseed	1191VT3Pro*	VT3P	C250	91	204.2	14.0	1.0	31.5	1,225.2	18
Kruger	K-4292	VT2P	P500,V	92	204.2	13.9	4.7	31.4	1,225.2	19
PGS Hybrids	4582-3000GT	3000GT	C250	93	203.6	13.8	1.0	30.0	1,221.6	20
AgVenture/Scherr	GL4342ABW	3000GT	C250	92	203.0	12.9	1.0	30.5	1,218.0	21
Stine	9206RR*	RR2	C250	91	203.0	13.6	1.0	33.4	1,218.0	22
Proseed	794-3000GT*	3000GT	C250	94	202.8	13.9	1.0	26.6	1,216.8	23
G2 Genetics	5H-492^	HX,RR2	P1250,V	92	202.3	13.8	2.0	29.5	1,213.8	24
AgVenture/Scherr	RL4802HBW	HXT,RR2	P1250	95	202.1	14.1	1.0	32.4	1,212.6	25
Wensman	W 7143VT3	VT3	P250	93	201.6	15.1	1.0	32.9	1,208.6	26
Mustang	4212	VT3P	P500,V	95	201.2	13.8	1.0	32.4	1,207.2	27
G2 Genetics	5X-9101^	HXT,RR2	P1250,V	90	200.8	13.4	3.0	34.3	1,204.8	28
G2 Genetics	5X-795^	HXT,RR2	P1250,V	94	200.0	14.6	1.0	31.4	1,200.0	29
Kruger	K-7194	VT3P	P500,V	94	199.8	13.8	2.0	31.0	1,198.8	30
Rea	4A609	STX	P250	95	199.1	13.8	1.0	30.5	1,194.6	31
Channel	197-32VT3P CK	VT3P	P500,V	97	218.0	14.1	2.0	31.9	1,308.0	7
Test Average =					<b>201.3</b>	<b>13.9</b>	<b>1.6</b>	<b>31.0</b>	<b>1,207.3</b>	
LSD (0.10) =					19.9	0.7	2.1			
C.V. =					7.3	4.0				



F.I.R.S.T. Manager

**TEST COMMENTS:** This corn plot was very productive this year. The corn was some of the tallest I've seen all year with only a minor green snap and lodging in the plot. Scott reported yields from 175 to 190 bu/acre in the area. Dry weather in August was one of the major weather stresses this year. A dry fall has made for an early harvest as corn moistures are low.

Lat: N45.4562, Long: W-98.32823

Yield & 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

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

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Report Date: 10/25/2011

Revised:

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

Scott Sperry, Brown County, SD 57427 [ BATH ]

**FULL SEASON TEST**
**97 - 100 Day CRM**

B1SDNE10b

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Harmony-Beotial silt loam, mod. well drained, strip-till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.7 pH, 6% OM  
 PEST MANAGEMENT: Roundup (2x), Atrazine  
 FERTILITY - Applied N: 140 Fall,  
 Applied N-P-K (units): 140-70-0

30" ROW SPACING

SEEDED - RATE: May 18 33,800 /A  
 HARVESTED - STAND: Oct 24 30,600 /A

**TOP 30 OF 35 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
Pioneer	P9990XR GC	HXT,RR2	C250	99	<b>216.3</b>	15.9	1.0	34.9	1,288.1	1
AgVenture/Scherr	5925	HXT,RR2	C250	100	<b>211.1</b>	15.6	1.0	31.9	1,260.3	2
Dairyland	ST-9399	3000GT	C250	99	<b>205.6</b>	15.1	1.0	30.5	1,232.6	3
Kruger	K-6399VT3	VT3	P500,V	99	<b>204.8</b>	14.9	1.0	30.5	1,228.8	4
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	<b>199.0</b>	14.6	1.0	30.5	1,194.0	5
Wensman	W 7290VT3PRO	VT3P	P250	99	<b>197.8</b>	14.5	1.0	31.9	1,186.8	6
NuTech	5N-001*	3000GT	C250	100	<b>197.5</b>	15.4	1.0	30.5	1,181.1	7
Dekalb	DKC49-94 GC	STX	P500,V	99	<b>194.3</b>	14.2	1.0	28.3	1,165.8	9
Seeds 2000	9902G3	3000GT	C250,AV	99	<b>192.8</b>	15.0	1.0	31.9	1,156.8	10
Producers	6044VT3	VT3	P250	100	<b>190.2</b>	17.0	1.0	30.5	1,122.2	14
Gold Country	100-07	VT3	P250	100	<b>189.8</b>	14.2	1.0	30.5	1,138.8	11
Wensman	W 7273VT3	VT3	P250	98	<b>187.4</b>	13.6	1.0	29.0	1,124.4	12
AgVenture/Scherr	RL5039HB	HX,RR2	P250	98	<b>187.3</b>	14.6	1.0	30.5	1,123.8	13
G2 Genetics	5X-0001^	HXT,RR2	P1250,V	100	<b>186.4</b>	16.4	2.5	32.7	1,105.4	20
Producers	5784VT3	VT3	P500,V	97	<b>185.8</b>	14.6	1.0	29.8	1,114.8	15
Renk	RK580VT3	VT3	P250	98	<b>185.6</b>	13.4	1.0	29.1	1,113.6	16
NK Brand	N39Z-3000GT GC	3000GT	C250	99	<b>185.6</b>	13.6	1.0	30.5	1,113.6	17
Stine	9417VT3*	VT3	C250	100	<b>185.5</b>	14.4	1.0	29.8	1,113.0	18
Kruger	K4-9599	STX	P500,V	99	<b>185.4</b>	17.0	1.0	28.3	1,093.9	21
Dekalb	DKC50-66 GC	VT3	P250	100	<b>185.3</b>	14.1	1.0	30.5	1,111.8	19
G2 Genetics	5H-696*	HX,RR2	C250	96	<b>182.5</b>	16.1	1.0	29.1	1,085.0	24
AgVenture/Scherr	RL5267HBW	HXT,RR2	P1250	97	<b>181.9</b>	16.2	1.0	27.6	1,080.5	25
Seeds 2000	2982GT	GT	C250	98	<b>181.8</b>	14.7	2.5	32.7	1,090.8	22
NuTech	3A-9901*	GT	C250	98	<b>181.6</b>	13.6	1.0	31.2	1,089.6	23
Wensman	W 8294VT2PRO	VT2P	P250	99	<b>178.7</b>	14.3	1.0	32.7	1,072.2	26
Kruger	K4-9100	STX	P500,V	100	<b>176.2</b>	14.6	1.0	28.3	1,057.2	27
Wensman	W 7270VT3PRO	VT3P	P250	97	<b>175.5</b>	13.9	1.0	29.8	1,053.0	28
Gold Country	101-77	VT3	P250	101	<b>174.8</b>	15.0	2.5	29.1	1,048.8	29
G2 Genetics	5H-797^*	HX,RR2	C250	97	<b>174.1</b>	14.3	1.0	30.5	1,044.6	30
Gold Country	98-90	STX	P250	98	<b>170.1</b>	15.9	1.0	32.7	1,012.9	31
Channel	197-32VT3P CK	VT3P	P500,V	97	<b>194.7</b>	14.0	1.0	30.5	1,168.2	8
Test Average =					<b>186.0</b>	<b>14.8</b>	<b>1.2</b>	<b>30.6</b>	<b>1,113.4</b>	
LSD (0.10) =					22.3	0.8	1.3			
C.V. =					7.1	3.1				



F.I.R.S.T. Manager

**TEST COMMENTS:** *This corn plot was very productive this year. The corn was some of the tallest I've seen all year with only a minor green snap and lodging in the plot. Scott reported yields from 175 to 190 bu/acre in the area. Dry weather in August was one of the major weather stresses this year. A dry fall has made for an early harvest as corn moistures are low.*

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

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