

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

John Feller, Miner County, SD 57349 [ HOWARD ]

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

B1SDNE12a

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Clamo-Banilla loam, well drained, no-till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.1 pH, 4% OM  
 PEST MANAGEMENT: Roundup, Harness, Force  
 FERTILITY - Applied N: 130 Spring,  
 Applied N-P-K (units): 130-50-30

30" ROW SPACING

SEEDED - RATE: May 11 29,000 /A  
 HARVESTED - STAND: Oct 27 26,500 /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
Gold Country	95-15	STX	P500,V	95	<b>219.6</b>	14.7	1.0	28.0	1,317.6	2
Great Lakes	4689G3VT3	VT3	P500,V	96	<b>213.7</b>	15.4	1.0	24.7	1,277.9	3
Gold Country	93-07	VT3P	P250	93	<b>212.5</b>	13.9	1.0	27.6	1,275.0	4
Gold Country	93-39	VT3P	P250	93	<b>210.7</b>	13.7	1.0	28.5	1,264.2	5
Dyna-Gro	D36SS39	STX	P250	96	209.0	15.3	1.0	28.1	1,250.9	7
Dekalb	DKC43-27 GC	VT3	P250	93	208.8	14.0	1.0	27.1	1,252.8	6
Kruger	K-7194	VT3P	P500,V	94	206.6	14.0	1.0	28.1	1,239.6	8
Mustang	4212	VT3P	P500,V	95	203.0	14.3	1.0	26.6	1,218.0	9
Dekalb	DKC42-72 GC	VT3	P250	92	202.4	13.8	1.0	26.6	1,214.4	10
Rea	4A609	STX	P250	95	202.3	14.8	1.0	25.2	1,213.8	11
Rea	4B285	VT2P	P250	93	201.4	14.0	1.0	28.5	1,208.4	12
Great Lakes	4555G3VT3	VT3	P500,V	95	201.4	14.9	1.0	25.1	1,208.4	13
Kruger	K-7495	VT3P	P500,V	95	201.3	13.9	1.0	26.1	1,207.8	14
Proseed	1193VT3Pro*	VT3P	C250	93	201.3	13.9	1.0	27.6	1,207.8	15
Proseed	794-3000GT*	3000GT	C250	94	200.6	13.9	1.0	24.2	1,203.6	16
Renk	RK585VT3P	VT3P	P250	95	198.9	14.2	1.0	28.0	1,193.4	17
Seeds 2000	9503VT3P	VT3P	P250	95	197.7	14.0	1.0	28.5	1,186.2	18
Dyna-Gro	D35RR40	RR2	P250	95	196.2	13.3	2.0	30.5	1,177.2	19
Kruger	K-4292	VT2P	P500,V	92	195.2	14.7	2.0	26.6	1,171.2	20
G2 Genetics	5X-895*	HXT,RR2	C250	94	194.9	14.5	1.0	28.6	1,169.4	21
G2 Genetics	5X-795^	HXT,RR2	P1250,V	94	194.7	13.8	11.0	25.1	1,168.2	22
Dyna-Gro	D32VP29	VT3P	P250	92	193.8	13.4	1.0	27.1	1,162.8	23
Producers	5684VT3	VT3	P500,V	96	193.8	15.2	1.0	24.7	1,160.9	24
Rea	4V588	VT3P	P250	94	192.9	13.5	1.0	26.1	1,157.4	25
PGS Hybrids	3349GT/CB/LL	GT/CB/LL	C500	86	192.3	13.3	8.7	26.1	1,153.8	26
Gold Country	96-20	VT3P	P250	96	191.1	13.7	1.0	24.7	1,146.6	27
Renk	RK530VT3P	VT3P	P250	94	189.7	14.3	1.0	27.6	1,138.2	28
AgVenture/Scherr	RL4802HBW	HXT,RR2	P1250	95	189.6	13.8	4.7	26.1	1,137.6	29
PGS Hybrids	4582-3000GT	3000GT	C250	93	189.3	13.9	2.0	25.7	1,135.8	30
AgVenture/Scherr	GL4342ABW	3000GT	C250	92	189.1	13.1	4.0	24.7	1,134.6	31
Channel	197-32VT3P CK	VT3P	P500,V	97	<b>228.0</b>	14.9	1.0	27.1	1,368.0	1
Test Average =					<b>191.3</b>	<b>13.9</b>	<b>1.9</b>	<b>26.5</b>	<b>1,147.4</b>	
LSD (0.10) =					18.3	0.3	2.5			
C.V. =					7.0	1.5				



F.I.R.S.T. Manager

**TEST COMMENTS:** This site drains well which allowed timely planting. Much of the spring and early summer was wet and cool which slowed growth. July and August turned dry and hot which helped the corn mature. This site caught some rains in August which helped yields when rainfall was lacking in many other areas. The crop stood well and was dry at harvest.

Lat: N44.10531, Long: W-97.41002

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: 10/30/2011

Revised:

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

John Feller, Miner County, SD 57349 [ HOWARD ]

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

B1SDNE12b

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Clamo-Banilla loam, well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.1 pH, 4% OM  
 PEST MANAGEMENT: Roundup, Harness, Force  
 FERTILITY - Applied N: 130 Spring,  
 Applied N-P-K (units): 130-50-30

30" ROW SPACING

SEEDED - RATE: May 11 29,000 /A  
 HARVESTED - STAND: Oct 27 26,100 /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
Kruger	K4-9100	STX	P500,V	100	216.0	17.4	1.0	29.5	1,270.1	1
Producers	6044VT3	VT3	P250	100	206.3	15.9	1.0	27.6	1,228.5	2
NuTech	5N-197*	3000GT	C250	97	206.2	16.1	4.7	25.7	1,225.9	3
Gold Country	101-77	VT3	P250	101	203.5	15.3	1.0	28.1	1,217.9	4
Renk	RK580VT3	VT3	P250	98	203.0	16.3	1.0	25.6	1,204.8	6
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	201.9	15.2	1.0	25.6	1,209.4	5
Seeds 2000	9902G3	3000GT	C250,AV	99	201.2	15.3	2.0	26.1	1,204.2	7
Dekalb	DKC50-66 GC	VT3	P250	100	200.1	15.1	1.0	25.6	1,199.6	8
NuTech	5N-001*	3000GT	C250	100	198.9	16.0	2.0	26.1	1,183.5	11
Wensman	W 8294VT2PRO	VT2P	P250	99	198.6	15.7	1.0	26.6	1,184.6	10
NK Brand	N39Z-3000GT GC	3000GT	C250	99	196.7	14.7	1.0	28.5	1,180.2	12
Producers	5784VT3	VT3	P500,V	97	196.6	14.2	2.0	24.7	1,179.6	13
G2 Genetics	5X-0001^	HXT,RR2	P1250,V	100	195.1	17.0	5.7	26.6	1,151.1	17
Kruger	K-6399VT3	VT3	P500,V	99	193.8	16.4	1.0	22.7	1,149.2	18
Wensman	W 7270VT3PRO	VT3P	P250	97	193.4	13.9	2.0	23.2	1,160.4	14
Mustang	4454	3000GT	P500,V	98	192.7	16.3	1.0	27.1	1,143.7	19
Gold Country	100-07	VT3	P250	100	192.6	14.2	1.0	26.1	1,155.6	15
Dekalb	DKC49-94 GC	STX	P500,V	99	192.4	15.3	1.0	26.6	1,151.5	16
AgVenture/Scherr	5925	HXT,RR2	C250	100	191.8	15.8	22.0	27.6	1,143.1	20
Gold Country	98-90	STX	P250	98	191.8	16.4	1.0	28.5	1,137.4	22
Wensman	W 7273VT3	VT3	P250	98	191.4	16.0	2.0	24.2	1,138.8	21
G2 Genetics	5H-696*	HX,RR2	C250	96	188.7	14.9	1.0	26.6	1,132.2	23
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	186.5	15.1	2.0	23.2	1,118.1	24
Wensman	W 7290VT3PRO	VT3P	P250	99	186.4	15.9	2.0	24.7	1,110.0	25
Stine	9417VT3*	VT3	C250	100	185.2	16.1	1.0	25.2	1,101.0	27
Pioneer	P9990XR GC	HXT,RR2	C250	99	184.2	15.2	3.0	26.1	1,103.4	26
AgVenture/Scherr	RL5267HBW	HXT,RR2	P1250	97	182.1	15.0	1.0	27.6	1,092.6	28
King	5808 3000GT GC	3000GT	C250	98	179.4	16.3	3.7	25.2	1,064.7	30
AgVenture/Scherr	RL5039HB	HX,RR2	P250	98	178.1	14.7	1.0	27.6	1,068.6	29
Dairyland	ST-9399	3000GT	C250	99	176.8	15.4	2.0	25.6	1,057.3	31
Channel	197-32VT3P CK	VT3P	P500,V	97	198.3	14.8	1.0	26.6	1,189.8	9
Test Average =					190.7	15.5	2.2	26.1	1,138.2	
LSD (0.10) =					17.7	1.0	2.3			
C.V. =					6.8	4.9				



F.I.R.S.T. Manager

**TEST COMMENTS:** This site drains well which allowed timely planting. Much of the spring and early summer was wet and cool which slowed growth. July and August turned dry and hot which helped the corn mature. This site caught some rains in August which helped yields when rainfall was lacking in many other areas. The crop stood well and was dry at harvest.

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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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