

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

John Feller, Miner County, SD 57349 [ HOWARD ]

**91 - 96 Day CRM**

PREV. CROP/HERB: Soybean / Roundup B0SDNE12a  
 SOIL DESCRIPTION: Clarno-Bonilla loam, well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.1 pH, 4% OM  
 PEST MANAGEMENT: Harness, Roundup 30" ROW SPACING  
 FERTILITY - Applied N: 140 Spring,  
 Applied N-P-K (units): 140-70-40  
 SEEDED - RATE: May 5 29,000 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 17 27,300 /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
Great Lakes	4555G3VT3	VT3	P250	<b>184.1</b>	15.2	1.0	28.5	\$781.5	1
NuTech	5N-695	3000GT	C250	<b>180.9</b>	14.7	3.0	27.6	\$770.2	4
Mustang	3026	GT/CB/LL	C250	<b>180.6</b>	13.2	1.0	26.6	\$775.7	2
Kruger	K-6194VT3	VT3	P500,V	<b>180.4</b>	13.3	1.0	27.1	\$774.4	3
Gold Country	96-20	VT3P	P250	<b>176.9</b>	13.6	1.0	29.5	\$758.0	5
Kruger	K-7593	VT3P	P250	<b>176.3</b>	13.4	1.0	30.5	\$756.3	6
AgVenture	GL4342AB	GT/CB/LL	P250	174.8	13.9	2.0	22.7	\$747.7	8
Croplan	3424VT3 GC	VT3	C250	174.7	14.2	2.0	27.6	\$746.0	9
NuTech	G2 5H-696^	HX,RR2	C250	174.2	16.0	1.0	27.1	\$736.0	12
Fielders Choice	NG6446	VT3	P250	173.5	12.5	1.0	25.7	\$748.2	7
Rea	4V653	VT3P	P250	173.4	13.4	1.0	34.9	\$743.9	10
Mustang	4313VT3	VT3	P250	172.8	13.3	1.0	26.6	\$741.7	11
AgVenture	R4926VBW	VT3	P250	170.9	14.9	2.0	28.1	\$726.8	16
Fielders Choice	NG6455	VT3	P250	170.4	13.8	2.0	29.0	\$729.3	14
Mycogen	2J337	VT3	C250	169.9	13.2	1.0	29.0	\$729.7	13
Producers	5004VT3	VT3	P250	169.1	12.8	1.0	26.1	\$728.0	15
Pannar	5A-125	VT3	C250	168.8	13.8	3.0	26.6	\$722.5	17
King	5101 GC	3000GT	C250	168.3	13.9	2.0	29.0	\$719.9	18
Stine	9311VT3Pro	VT3P	P250	166.9	14.4	1.0	28.5	\$711.8	19
AgSource	3T-294	VT3	P250	166.6	14.5	1.0	27.1	\$710.1	21
Gold Country	95-50	VT3	P250	166.3	13.9	1.0	26.6	\$711.3	20
Fielders Choice	NG6420	VT3	P250	165.4	13.8	1.0	29.5	\$707.9	22
King	4010GTCBLL	GT/CB/LL	P250	165.4	13.8	2.0	26.6	\$707.9	23
NuTech	5N-197A	3000GT	C250	164.7	15.9	1.0	26.6	\$696.3	26
Rea	4T286	VT3	P250	163.8	13.5	3.7	27.6	\$702.3	24
Kruger	K-7495	VT3P	P250	163.6	13.8	1.0	25.6	\$700.2	25
Wensman	W8180STX	SS	P250	163.2	15.3	2.0	27.1	\$692.4	27
Pannar	5A-155	VT3	C250	161.6	14.3	1.0	29.0	\$689.6	28
NuTech	G2 5X-895^	HXT,RR2	C250	161.1	13.8	1.0	27.1	\$689.5	29
Pannar	4E-705	VT3	C250	159.8	12.7	2.0	27.6	\$688.3	30
Channel	195-99VT3 CK	VT3	C250	155.7	15.2	1.0	26.1	\$660.9	42
Test Average =				<b>162.5</b>	<b>13.9</b>	<b>1.6</b>	<b>27.3</b>	<b>\$695.4</b>	
LSD (0.10) =				13.0	0.5	2.1			
C.V. =				5.9	2.8				

**TEST COMMENTS:** *Heavy rains have been the main issue in the area and this site was no different. Plot drained well and seemed to take the excess moisture well. Nice even stand with no real lodging issues. The full season test yielded better here as weather conditions seemed to favor the later maturities. Good harvest conditions.*

Lat: N44.10466, Long: W97.40783

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)

AgSCI Copyright 2010

Report Date: 10/20/2010

Revised:

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

John Feller, Miner County, SD 57349 [ HOWARD ]

**97 - 100 Day CRM**

B0SDNE12b

 PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Clarno-Bonilla loam, well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.1 pH, 4% OM  
 PEST MANAGEMENT: Harness, Roundup  
 FERTILITY - Applied N: 140 Spring,  
 Applied N-P-K (units): 140-70-40

30" ROW SPACING

 SEEDED - RATE: May 5 29,000 /A  
 HARVESTED - STAND: Oct 17 27,500 /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
NuTech	3T-401	VT3	C250	194.0	17.1	1.0	30.0	\$814.3	1
Fielders Choice	NG6510	VT3	P250	191.8	15.4	2.0	28.0	\$813.2	2
Stine	9417VT3	VT3	P250	184.5	15.3	1.0	28.5	\$782.7	4
Wensman	W7267VT3	VT3	P250	184.3	15.1	1.0	28.1	\$782.8	3
Wensman	W7273VT3	VT3	P250	183.3	15.1	1.0	27.6	\$778.6	6
Producers	5784VT3	VT3	P250	182.9	13.9	1.0	28.0	\$782.4	5
Kruger	K-6399VT3	VT3	P250	182.3	15.6	1.0	30.0	\$772.0	7
NuTech	3T-098	VT3	C250	180.0	14.9	2.0	26.6	\$765.5	8
Gold Country	94-29	VT3	P250	178.3	14.6	1.0	29.5	\$759.6	9
NuTech	G2 5H-700^	HX,RR2	C250	174.2	15.8	1.0	24.2	\$736.9	11
Dekalb	DKC50-66 GC	VT3	P250	173.9	14.5	1.0	27.1	\$741.2	10
Great Lakes	5090G3VT3	VT3	P250	173.5	15.7	1.0	27.1	\$734.3	12
Stine	9421RR	RR2	P250	171.6	15.8	1.0	28.6	\$725.9	15
Mycogen	2P486	SS	C250	171.3	15.0	1.0	24.7	\$728.0	14
Gold Country	96-22	SS	P250	170.6	14.9	1.0	28.5	\$725.5	16
Great Lakes	4840VT3PRO	VT3P	P250	170.5	14.0	1.0	27.6	\$728.9	13
NuTech	G2 5H-999^*	HX,RR2	C250	170.4	15.3	4.7	24.7	\$722.9	17
Gold Country	98-90	VT3P	P250	170.2	16.4	1.0	27.6	\$717.4	18
NuTech	G2 5X-500^	HXT,RR2	C250	168.3	15.8	1.0	28.1	\$711.9	19
NuTech	5N-001	3000GT	C250	166.6	16.1	1.0	29.5	\$703.5	22
NuTech	3T-300	VT3	C250	165.5	15.7	2.0	28.0	\$700.5	24
Wensman	W7270VT3Pro	VT3P	P250	165.0	13.7	1.0	29.0	\$706.6	20
Pannar	5D-303	VT3	C250	164.5	14.7	1.0	27.6	\$700.4	25
Gold Country	100-07	VT3	P250	164.4	14.5	1.0	28.5	\$700.8	23
Mustang	4367VT3	VT3	P250	164.2	14.4	1.0	26.1	\$700.3	26
Pannar	5B-960	VT3	C250	162.7	15.1	1.0	27.6	\$691.1	27
Kruger	K-6102VT3	VT3	C250	162.7	15.6	1.0	28.0	\$689.0	28
AgVenture	RL5039HB	HX,RR2	C250	162.7	16.5	1.0	25.2	\$685.4	29
Producers	5804VT3Pro	VT3P	P250	159.3	13.6	1.0	28.1	\$682.6	30
Mycogen	2C441	HXT,RR2	C250	159.2	15.6	1.0	27.1	\$674.2	31
Channel	195-99VT3 CK	VT3	C250	165.3	14.7	1.0	25.7	\$703.8	21
Test Average =				169.8	15.3	1.3	27.5	\$720.3	
LSD (0.10) =				14.5	1.2	1.5			
C.V. =				6.3	5.8				

**TEST COMMENTS:** Heavy rains have been the main issue in the area and this site was no different. Plot drained well and seemed to take the excess moisture well. Nice even stand with no real lodging issues. The full season test yielded better here as weather conditions seemed to favor the later maturities. Good harvest conditions.

Lat: N44.10466, Long: W97.40783

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)

AgSCI Copyright 2010

Report Date:

Revised: 10/25/2010 New results table, replace 10/20/2010 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>

### Trademarks

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
- Escalate<sup>™</sup> is a trademark of Beck's Superior Hybrids
- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
- Acceleron<sup>®</sup>, Genuity<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, SmartStax<sup>™</sup>, VT Double PRO<sup>™</sup>, VT Triple PRO<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, and YieldGard VT Triple<sup>®</sup> are trademarks of Monsanto Technology LLC.
- Agrisure<sup>®</sup>, ApronMaxx<sup>®</sup>, ApronXL<sup>®</sup>, Avicta<sup>®</sup>, Cruiser<sup>®</sup>, and CruiserMaxx<sup>®</sup> are trademarks of Syngenta.
- Inovate<sup>™</sup> System is a trademark of Valent