

**2010 BETTER HYBRIDS Harvest Report for South Dakota North East [ SDNE ]**  
 Scott Sperry, Brown County, SD 57427 [ BATH ]

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

PREV. CROP/HERB: Soybean / Roundup B0SDNE10a

SOIL DESCRIPTION: Harmony silt loam, well drained, minimum w/o fall till, non-irrigated

SOIL CONDITIONS: Mod. High P, high K, 6.8 pH, 3.8% OM

PEST MANAGEMENT: Roundup 30" ROW SPACING

FERTILITY - Applied N: 180 Spring,

Applied N-P-K (units): 180-50-0

SEEDED - RATE: May 20 34,000 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 22 26,900 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Rea	4V653	VT3P	P250	175.7	19.8	1.0	30.5	\$725.6	1
Rea	4T286	VT3	P250	167.3	19.4	2.5	29.1	\$692.6	2
Great Lakes	4555G3VT3	VT3	P250	164.2	23.6	1.0	26.2	\$662.5	5
Kruger	K-7593	VT3P	P250	161.4	19.1	1.0	32.0	\$669.4	4
Dairyland	ST9395	VT3	C250	161.0	18.3	1.0	27.6	\$671.0	3
King	4010GTCBLL	GT/CB/LL	P250	158.9	18.4	2.5	26.1	\$661.8	6
Rea	3T544	VT3	C250	156.5	19.4	1.0	29.8	\$647.9	7
Gold Country	95-50	VT3	P250	154.3	18.7	1.0	28.3	\$641.5	8
Dekalb	DKC44-92 GC	RR2	P250	153.7	22.3	1.0	26.9	\$625.2	11
AgVenture	R4926VBW	VT3	P250	153.6	20.4	1.0	27.6	\$632.1	10
Kruger	K-6194VT3	VT3	P500,V	152.9	19.3	1.0	35.6	\$633.4	9
Mustang	4330VT3	VT3	P250	150.1	19.3	1.0	29.0	\$621.8	12
Croplan	3424VT3 GC	VT3	C250	147.9	21.7	1.0	29.0	\$603.8	13
Gold Country	96-22	SS	P250	146.6	21.7	1.0	30.5	\$598.5	14
Dekalb	DKC46-60 GC	VT3	P250	145.4	21.5	1.0	28.3	\$594.3	15
Wensman	W7230VT3	VT3	P250	143.3	21.5	6.5	31.2	\$585.7	16
King	5101 GC	3000GT	C250	140.8	21.0	1.0	24.0	\$577.3	18
NuTech	3C-889	YGCB,RR2	P250	139.6	17.2	1.0	21.8	\$585.6	17
NuTech	G2 5H-797^	HX,RR2	C250	139.0	20.8	1.0	26.9	\$570.6	19
Pannar	4E-705	VT3	C250	137.7	19.7	1.0	31.2	\$569.0	20
Dekalb	DKC43-27 GC	VT3	P250	137.1	20.5	1.0	29.8	\$563.8	21
Great Lakes	4481G3VT3	VT3	P250	136.1	20.7	1.0	28.3	\$559.0	23
Fielders Choice	NG6446	VT3	P250	135.8	20.2	1.0	26.9	\$559.5	22
Fielders Choice	NG6455	VT3	P250	134.8	20.8	1.0	29.8	\$553.4	26
Wensman	W7143VT3	VT3	P250	134.7	19.7	1.0	31.9	\$556.6	24
NuTech	G2 5H-696^	HX,RR2	C250	134.3	23.3	1.0	17.4	\$542.9	30
NuTech	5H-992A	HX,RR2	C250	134.1	19.3	1.0	21.1	\$555.5	25
Kruger	K-7495	VT3P	P250	133.4	19.9	1.0	23.3	\$550.6	27
Fielders Choice	NG6420	VT3	P250	132.2	20.3	1.0	29.1	\$544.3	29
AgVenture	R3530VBW	VT3	P250	130.4	17.9	1.0	24.7	\$544.7	28
Channel	195-99VT3 CK	VT3	C250	102.2	23.7	1.0	24.0	\$412.1	53
Test Average =				135.0	20.5	1.7	26.9	\$555.0	
LSD (0.10) =				25.2	1.5	5.5			
C.V. =				11.2	4.4				

**TEST COMMENTS:** *We had a wet spring in the area and soils were saturated. Planting was delayed until May 20 before soils dried out enough to plant. A couple weeks after planting the area had a 6- inch rain which took out some of the plot (rep 2) as water didn't drain. The corn that survived the spring rain looked good.*

Lat: N45.2078, Long: W97.41023

Yield & 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

**2010 BETTER HYBRIDS Harvest Report for South Dakota North East [ SDNE ]**  
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**FULL SEASON TEST**  
**97 - 100 Day CRM**

PREV. CROP/HERB: Soybean / Roundup B0SDNE10b  
 SOIL DESCRIPTION: Harmony silt loam, well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, high K, 6.8 pH, 3.8% OM  
 PEST MANAGEMENT: Roundup 30" ROW SPACING  
 FERTILITY - Applied N: 180 Spring,  
 Applied N-P-K (units): 180-50-0  
 SEEDING - RATE: May 20 34,000 /A TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 22 27,400 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Lakes	4840VT3PRO	VT3P	P250	174.6	17.3	1.0	32.0	\$732.0	1
NuTech	3T-098	VT3	C250	174.4	22.4	1.0	26.9	\$708.9	2
Stine	9417VT3	VT3	P250	171.0	20.8	1.0	26.9	\$702.0	3
Mustang	4367VT3	VT3	P250	169.6	20.8	1.0	24.0	\$696.2	4
Dekalb	DKC50-66 GC	VT3	P250	169.2	21.3	1.0	27.6	\$692.5	5
NuTech	5N-001	3000GT	C250	169.1	22.5	1.0	30.5	\$687.0	6
NuTech	3T-401	VT3	C250	168.4	23.2	1.0	26.1	\$681.2	7
NuTech	G2 5X-500^	HXT,RR2	C250	167.6	22.7	1.0	25.4	\$680.0	8
Producers	5784VT3	VT3	P250	165.4	21.9	1.0	30.5	\$674.4	9
NuTech	G2 5X-598A^	HXT,RR2	C250	163.7	23.4	1.0	20.4	\$661.3	10
Wensman	W7267VT3	VT3	P250	160.8	21.3	1.0	30.5	\$658.1	11
AgVenture	RL6157HBW	HXT,RR2	C250	160.2	24.4	2.5	26.9	\$643.2	12
Dairyland	ST9500Q	HXT,RR2	C250	156.8	25.2	1.0	28.3	\$626.4	15
Fielders Choice	NG6510	VT3	P250	156.4	24.7	1.0	25.4	\$626.8	14
Stine	9421RR	RR2	P250	155.3	24.5	1.0	25.4	\$623.1	16
NuTech	3T-300	VT3	C250	154.9	21.6	1.0	31.2	\$632.8	13
AgVenture	RL5039HB	HX,RR2	C250	152.7	23.2	1.0	26.2	\$617.7	18
Mycogen	2P486	SS	C250	151.3	21.0	1.0	28.3	\$620.3	17
Pannar	5B-960	VT3	C250	149.6	21.7	1.0	28.3	\$610.7	19
Pannar	5D-303	VT3	C250	143.2	24.9	1.0	27.6	\$573.2	22
Gold Country	98-90	VT3P	P250	142.8	24.6	1.0	26.9	\$572.6	23
Wensman	W7270VT3Pro	VT3P	P250	141.7	22.8	2.5	28.3	\$574.6	21
Wensman	W7273VT3	VT3	P250	140.6	26.4	1.0	31.2	\$557.5	24
Mycogen	2H490	SS	C250	140.1	17.5	1.0	28.3	\$586.7	20
Kruger	K-6399VT3	VT3	P250	138.5	24.6	1.0	25.4	\$555.4	25
Mycogen	2C441	HXT,RR2	C250	137.0	24.1	1.0	26.1	\$551.1	26
Kruger	K-6102VT3	VT3	C250	136.2	23.3	1.0	29.0	\$550.6	27
NuTech	G2 5H-700^	HX,RR2	C250	133.6	24.5	1.0	24.0	\$536.1	28
Gold Country	94-29	VT3	P250	131.6	22.1	1.0	29.0	\$535.9	29
Gold Country	100-07	VT3	P250	129.7	21.0	1.0	27.6	\$531.8	30
Channel	195-99VT3 CK	VT3	C250	120.2	22.7	2.5	28.3	\$487.7	33
Test Average =				147.6	22.7	1.1	27.4	\$599.1	
LSD (0.10) =				25.0	2.9	1.0			
C.V. =				10.1	7.7				

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## 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.
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- Inovate<sup>™</sup> System is a trademark of Valent