

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

Greg Lanners, Deuel County, SD 57226 [BEMIS]

91 - 96 Day CRM

PREV. CROP/HERB: Hay / Roundup B0SDNE09a
 SOIL DESCRIPTION: Vienna-Brookings silty clay loam, well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 5.2% OM
 PEST MANAGEMENT: Roundup 30" ROW SPACING
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-50-50
 SEEDED - RATE: May 5 31,300 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 22 29,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Rea	4V653	VT3P	P250	190.4	14.4	1.0	31.0	\$812.1	1
NuTech	5N-197A	3000GT	C250	188.9	17.4	1.0	26.6	\$791.5	2
Gold Country	95-50	VT3	P250	184.6	14.0	1.0	29.0	\$789.2	3
Stine	9311VT3Pro	VT3P	P250	183.4	14.9	1.0	30.9	\$779.9	6
Producers	5004VT3	VT3	P250	183.3	14.0	1.0	31.9	\$783.6	4
Gold Country	96-22	SS	P250	181.9	15.8	1.0	29.5	\$769.4	9
King	4010GTCBLL	GT/CB/LL	P250	181.4	12.7	1.0	27.6	\$781.4	5
Gold Country	96-20	VT3P	P250	181.0	14.2	1.0	30.9	\$772.9	7
Wensman	W8180STX	SS	P250	180.6	16.4	1.0	31.5	\$761.2	10
Kruger	K-6194VT3	VT3	P500,V	180.0	13.3	1.0	31.4	\$772.7	8
AgVenture	R4926VBW	VT3	P250	177.3	16.0	1.0	30.0	\$749.1	19
Kruger	K-7593	VT3P	P250	177.0	14.6	1.0	30.5	\$754.0	17
Fielders Choice	NG6455	VT3	P250	176.9	13.8	1.0	30.5	\$757.1	13
Kruger	K-7495	VT3P	P250	176.7	14.3	1.0	32.4	\$754.1	16
Rea	4T286	VT3	P250	176.6	13.9	1.0	31.4	\$755.4	14
Mustang	3026	GT/CB/LL	C250	176.3	12.5	1.0	29.0	\$760.3	11
King	5101 GC	3000GT	C250	176.3	13.0	1.0	29.5	\$758.1	12
Fielders Choice	NG6446	VT3	P250	176.1	13.5	1.0	29.0	\$755.0	15
Dekalb	DKC44-92 GC	RR2	P250	175.2	15.1	1.0	31.0	\$744.2	22
Dairyland	ST6992	RR2	C250	175.1	13.3	1.0	30.0	\$751.6	18
Rea	3V440	VT3P	P250	173.8	13.5	1.0	31.9	\$745.2	21
Pannar	4E-705	VT3	C250	173.6	12.9	1.0	28.5	\$746.9	20
NuTech	3C-889	YGCB,RR2	P250	172.7	13.9	1.0	29.0	\$738.7	23
Great Lakes	4555G3VT3	VT3	P250	172.3	16.0	1.0	28.1	\$728.0	29
NuTech	G2 5H-797^	HX,RR2	C250	172.2	15.2	1.0	29.0	\$731.0	27
Dekalb	DKC46-60 GC	VT3	P250	171.9	15.4	1.0	28.5	\$728.9	28
Dekalb	DKC43-27 GC	VT3	P250	171.4	13.5	1.0	28.5	\$734.9	24
AgSource	3T-294	VT3	P250	171.4	14.3	1.0	29.5	\$731.4	26
Wensman	W7107VT3	VT3	P250	171.0	13.9	1.0	29.0	\$731.5	25
NuTech	G2 5H-696^	HX,RR2	C250	170.8	15.2	1.0	28.6	\$725.0	30
Channel	195-99VT3 CK	VT3	C250	166.5	14.8	1.0	28.5	\$708.5	40
Test Average =				170.5	14.3	1.0	29.4	\$727.8	
LSD (0.10) =				12.0	0.5	n.s.			
C.V. =				5.2	2.7				

TEST COMMENTS: *We had an even stand of corn and no lodging problems. This area had plenty of moisture this summer and the plot site handled it well. Dry weather this fall made for good harvest conditions. Many drowned out spots in the surrounding fields.*

Lat: N44.77591, Long: W96.83491

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.25

[†] **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

^{††} **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

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Report Date: Revised: 11/9/2010 Rea 4V653 incorrectly listed as Stine

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

Greg Lanners, Deuel County, SD 57226 [BEMIS]

97 - 100 Day CRM

B0SDNE09b

PREV. CROP/HERB: Hay / Roundup

SOIL DESCRIPTION: Vienna-Brookings silty clay loam, well drained, conventional w/o fall till, non-irrigated

SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 5.2% OM

PEST MANAGEMENT: Roundup

30" ROW SPACING

FERTILITY - Applied N: 150 Spring,

Applied N-P-K (units): 150-50-50

SEEDED - RATE: May 5 31,300 /A

TOP 30 of 36 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 22 29,500 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Lakes	4840VT3PRO	VT3P	P250	190.7	14.5	1.0	31.5	\$812.9	1
Producers	5784VT3	VT3	P250	188.5	16.3	1.0	31.9	\$795.0	2
Producers	5804VT3Pro	VT3P	P250	187.6	16.3	1.0	29.5	\$791.2	3
Dekalb	DKC50-66 GC	VT3	P250	184.8	16.5	1.0	29.0	\$778.5	4
Wensman	W7267VT3	VT3	P250	181.8	15.9	1.0	29.5	\$768.6	5
Kruger	K-6102VT3	VT3	C250	181.8	18.5	1.0	30.5	\$756.7	7
Dairyland	ST9500Q	HXT,RR2	C250	181.5	17.1	1.0	30.0	\$761.8	6
Wensman	W7273VT3	VT3	P250	180.8	18.3	1.0	28.1	\$753.5	8
Great Lakes	5090G3VT3	VT3	P250	180.8	19.4	1.0	31.5	\$748.5	10
NuTech	3T-098	VT3	C250	179.3	17.2	1.0	29.0	\$752.2	9
NuTech	3T-401	VT3	C250	178.6	19.2	1.0	29.5	\$740.3	14
AgVenture	RL5039HB	HX,RR2	C250	177.6	17.7	1.0	27.6	\$742.8	12
Gold Country	100-07	VT3	P250	176.9	16.9	1.0	30.0	\$743.4	11
Gold Country	96-22	SS	P250	176.3	17.0	1.0	30.5	\$740.5	13
Stine	9421RR	RR2	P250	176.3	17.2	1.0	29.0	\$739.6	16
Pannar	5D-303	VT3	C250	175.8	16.6	1.0	30.0	\$740.1	15
NuTech	G2 5H-999 [*]	HX,RR2	C250	174.2	18.0	1.0	29.0	\$727.3	23
Mycogen	2H490	SS	C250	174.1	17.0	1.0	30.5	\$731.2	19
Mustang	4367VT3	VT3	P250	173.8	16.1	1.0	29.5	\$733.9	18
Gold Country	98-90	VT3P	P250	173.8	19.2	1.0	29.5	\$720.4	24
Gold Country	94-29	VT3	P250	173.6	15.3	1.0	30.0	\$736.5	17
Fielders Choice	NG6510	VT3	P250	173.5	16.5	1.0	28.6	\$730.9	20
Wensman	W7270VT3Pro	VT3P	P250	173.2	16.8	1.0	30.5	\$728.3	21
Kruger	K-6399VT3	VT3	P250	172.5	16.3	1.0	29.0	\$727.5	22
NuTech	G2 5H-700 [^]	HX,RR2	C250	169.6	20.0	1.0	30.0	\$699.6	28
Stine	9417VT3	VT3	P250	168.9	17.0	1.0	28.5	\$709.4	25
NuTech	G2 5X-500 [^]	HXT,RR2	C250	168.8	18.9	1.0	28.1	\$700.9	27
NuTech	3T-300	VT3	C250	168.2	19.5	1.0	29.0	\$695.9	30
Mycogen	2P486	SS	C250	166.5	15.6	1.0	27.6	\$705.1	26
Mycogen	2C441	HXT,RR2	C250	164.8	15.8	2.0	29.5	\$697.1	29
Channel	195-99VT3 CK	VT3	C250	156.1	17.2	1.0	27.6	\$654.8	34
Test Average =				173.8	17.6	1.0	29.5	\$727.4	
LSD (0.10) =				12.9	1.1	0.4			
C.V. =				5.4	4.7				

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Report Date: 10/25/2010

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2[®] brand seed is distributed by NuTech Seed, LLC. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
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 [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

Trademarks

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