

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

Greg Lanners, Deuel County, SD 57226 [CLEAR LAKE]

91 - 96 Day CRM

PREV. CROP/HERB: Soybean / none B0SDNE11a
 SOIL DESCRIPTION: Hamerly-Badger silty clay loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 3.6 pH, 4.1% OM
 PEST MANAGEMENT: Roundup 30" ROW SPACING
 FERTILITY - Applied N: 120 Spring,
 Applied N-P-K (units): 120-50-40
 SEEDED - RATE: May 28 30,100 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 22 27,400 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-7495	VT3P	P250	159.8	29.6	2.5	27.6	\$620.8	2
Producers	5004VT3	VT3	P250	154.2	23.4	1.0	27.6	\$623.0	1
Rea	4T286	VT3	P250	153.2	24.3	1.0	29.1	\$615.5	3
Gold Country	96-20	VT3P	P250	148.9	27.2	1.0	25.4	\$587.4	5
NuTech	G2 5X-895 [^]	HXT,RR2	C250	147.9	29.0	1.0	27.6	\$576.8	7
Dekalb	DKC46-60 GC	VT3	P250	147.0	28.3	1.0	28.3	\$575.9	8
Gold Country	95-11	VT3	P250	146.9	24.4	1.0	27.6	\$589.8	4
Croplan	3624VT3 GC	VT3	C250	145.5	26.0	2.5	29.0	\$578.4	6
Great Lakes	4481G3VT3	VT3	P250	142.3	27.9	1.0	26.9	\$558.9	10
AgVenture	GL4342AB	GT/CB/LL	P250	140.9	22.0	1.0	29.8	\$574.2	9
Wensman	W7143VT3	VT3	P250	140.7	26.8	1.0	31.2	\$556.5	11
Stine	9311VT3Pro	VT3P	P250	139.9	26.7	1.0	27.6	\$553.7	12
Mustang	3319VT3	VT3	P250	137.0	25.6	1.0	28.3	\$545.9	13
AgVenture	R4926VBW	VT3	P250	135.7	29.4	13.0	27.6	\$527.9	18
AgVenture	R3530VBW	VT3	P250	133.6	22.6	1.0	28.3	\$542.4	14
Mycogen	2J337	VT3	C250	133.2	26.2	1.0	27.6	\$528.8	17
Kruger	K-7593	VT3P	P250	132.9	24.8	1.0	29.8	\$532.3	15
Fielders Choice	NG6446	VT3	P250	131.3	23.4	1.0	31.9	\$530.5	16
Wensman	W8180STX	SS	P250	128.5	30.1	1.0	27.6	\$497.6	21
Dekalb	DKC44-92 GC	RR2	P250	127.7	29.0	1.0	26.9	\$498.0	20
Mustang	3026	GT/CB/LL	C250	126.7	25.2	1.0	26.2	\$506.2	19
Kruger	K-6194VT3	VT3	P500,V	126.4	28.5	1.0	26.2	\$494.5	23
Fielders Choice	NG6420	VT3	P250	124.4	25.2	2.5	27.6	\$497.0	22
Pannar	5A-125	VT3	C250	123.6	27.6	1.0	27.6	\$486.4	24
NuTech	G2 5X-598 [^]	HXT,RR2	C250	123.6	29.2	10.0	27.6	\$481.4	25
Pannar	4E-705	VT3	C250	123.2	28.9	1.0	24.7	\$480.8	26
Rea	4V653	VT3P	P250	121.8	30.0	1.0	27.6	\$472.0	29
Mustang	4330VT3	VT3	P250	121.4	27.4	1.0	26.1	\$478.3	27
NuTech	3C-889	YGCB,RR2	P250	118.2	25.5	1.0	29.0	\$471.3	30
NuTech	5H-992A	HX,RR2	C250	116.5	22.0	1.0	24.7	\$474.7	28
Channel	195-99VT3 CK	VT3	C250	110.4	29.2	1.0	24.7	\$430.0	46
Test Average =				124.1	27.5	1.5	27.4	\$488.8	
LSD (0.10) =				25.5	2.3	4.5			
C.V. =				12.4	5.1				

TEST COMMENTS: *Another spot that got hit with heavy rains in June and July. This site didn't drain well and some low spots in the plot got damaged by standing water and saturated soils. No lodging problems here despite a water stressed crop. A later than ideal planting date and water damaged made corn moistures variable.*

Lat: N44.7741, Long: W96.77697

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

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

Greg Lanners, Deuel County, SD 57226 [CLEAR LAKE]

97 - 100 Day CRM

PREV. CROP/HERB: Soybean / none B0SDNE11b
 SOIL DESCRIPTION: Hamerly-Badger silty clay loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 3.6 pH, 4.1% OM
 PEST MANAGEMENT: Roundup 30" ROW SPACING
 FERTILITY - Applied N: 120 Spring,
 Applied N-P-K (units): 120-50-40
 SEEDED - RATE: May 28 30,100 /A TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 22 26,800 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	G2 5H-999*	HX,RR2	C250	118.0	32.4	1.0	27.6	\$450.2	1
Pannar	5D-303	VT3	C250	112.6	32.7	1.0	30.0	\$428.7	2
Dekalb	DKC50-66 GC	VT3	P250	107.2	34.5	1.0	30.0	\$403.3	3
Producers	5784VT3	VT3	P250	106.2	34.7	1.0	26.1	\$399.0	4
Mustang	4367VT3	VT3	P250	103.6	32.4	2.0	27.6	\$395.2	5
NuTech	5N-001	3000GT	C250	101.5	33.0	1.0	25.2	\$373.0	7
NuTech	3T-401	VT3	C250	99.8	31.1	1.0	29.0	\$369.0	8
Great Lakes	5090G3VT3	VT3	P250	93.9	31.5	1.0	26.1	\$390.9	6
Producers	5804VT3Pro	VT3P	P250	92.7	32.5	1.0	24.2	\$353.4	9
Great Lakes	4840VT3PRO	VT3P	P250	91.9	33.2	1.0	28.5	\$348.8	10
NuTech	3T-300	VT3	C250	90.7	37.8	1.0	28.5	\$333.8	11
Kruger	K-6399VT3	VT3	P250	85.3	36.7	2.0	26.6	\$316.2	14
Mycogen	2C441	HXT,RR2	C250	79.6	33.9	1.0	29.0	\$330.5	12
Pannar	5B-960	VT3	C250	78.6	29.1	1.0	26.1	\$328.2	13
NuTech	3T-098	VT3	C250	77.7	40.2	1.0	24.2	\$281.3	20
NuTech	G2 5X-500^	HXT,RR2	C250	76.4	36.1	1.0	24.7	\$284.4	19
Wensman	W7270VT3Pro	VT3P	P250	75.1	22.4	1.0	27.6	\$305.3	16
AgVenture	RL6137HBW	HXT,RR2	C250	74.8	22.1	1.0	24.7	\$304.6	17
Gold Country	94-39	VT3	P250	74.7	21.1	1.0	27.6	\$306.1	15
Mycogen	21456	SS	C250	72.9	21.5	1.0	27.6	\$298.0	18
Stine	9421RR	RR2	P250	71.3	39.9	1.0	26.6	\$258.6	24
Wensman	W7267VT3	VT3	P250	70.8	41.1	1.0	25.6	\$254.7	25
NuTech	G2 5H-710^	HX,RR2	C250	69.4	23.6	1.0	24.7	\$280.0	21
AgVenture	RL5339HB	HX,RR2	C250	67.3	22.6	1.0	24.7	\$273.2	22
Gold Country	98-90	VT3P	P250	61.7	23.4	1.0	29.0	\$249.3	26
Gold Country	100-07	VT3	P250	60.7	20.9	1.0	26.6	\$249.0	27
Gold Country	96-22	SS	P250	60.4	22.1	1.0	29.0	\$246.0	28
NuTech	G2 5X-598A^	HXT,RR2	C250	56.1	22.4	3.7	24.7	\$228.0	30
Dairyland	ST9500Q	HXT,RR2	C250	55.7	23.4	1.0	24.2	\$225.0	31
King	6111GT GC	GT	None	52.9	10.3	1.0	29.0	\$231.0	29
Channel	195-99VT3 CK	VT3	C250	66.9	22.0	1.0	28.1	\$272.6	23
				Test Average =	75.7	27.4	1.1	26.8	\$295.5
				LSD (0.10) =	50.3	15.6	1.2		
				C.V. =	48.8	41.6			

TEST COMMENTS: Another spot that got hit with heavy rains in June and July. This site didn't drain well and some low spots in the plot got damaged by standing water and saturated soils. No lodging problems here despite a water stressed crop. A later than ideal planting date and water damaged made corn moistures variable.

Lat: N44.7741, Long: W96.77697

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

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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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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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