

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

Jason/Ken Frick, Clay County, SD 57004 [BERESFORD]

99 - 104 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0SDSE17a
 SOIL DESCRIPTION: Clarno silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, high K, 5.9 pH, 4.1% OM
 PEST MANAGEMENT: Laudis 30" ROW SPACING
 FERTILITY - Applied N: 165 Spring,
 Applied N-P-K (units): 165-40-40
 SEEDING - RATE: May 3 29,000 /A TOP 30 OF 51 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 20 26,900 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	3T-401	VT3	C250	172.2	11.5	2.0	27.1	\$746.9	1
NuTech	G2 5H-105^	HX,RR2	C250	162.3	12.9	1.0	28.1	\$698.3	3
Heine	727VT3	VT3	P250	157.1	11.5	1.0	27.6	\$681.4	4
Kruger	K-7302	VT3P	P250	156.4	11.7	2.0	26.6	\$677.6	5
Dekalb	DKC52-59 GC	VT3	P250	154.2	11.0	1.0	23.7	\$670.8	6
NuTech	5N-803	3000GT	C250	151.2	11.3	1.0	26.6	\$656.6	7
Pannar	6D-409	VT3	C250	150.7	11.0	1.0	26.1	\$655.5	8
Producers	6364GT3	3000GT	C250	149.8	14.4	1.0	28.5	\$638.9	10
Heine	742VT3	VT3	P250	148.4	11.7	1.0	26.1	\$642.9	9
NuTech	3T-603	VT3	C250	146.9	13.5	1.0	25.6	\$629.8	14
Mustang	6460	3000GT	C250	146.8	12.6	2.0	27.6	\$632.7	11
Kruger	K-6201VT3	VT3	P250	145.5	11.7	1.0	30.0	\$630.4	12
Rea	4A918	RR2	P250	145.0	11.1	2.0	27.6	\$630.4	13
Kruger	K-6102VT3	VT3	C250	144.6	11.2	1.0	28.5	\$628.3	15
Rea	5T577	VT3	P250	142.9	12.0	1.0	26.6	\$618.0	16
Dairyland	ST9500Q	HXT,RR2	C250	142.6	12.1	1.0	25.6	\$616.4	17
Gold Country	98-90	VT3P	P250	141.8	12.2	1.0	28.1	\$612.6	18
NuTech	G2 5X-500A^	HXT,RR2	C250	140.6	11.6	1.0	23.7	\$609.5	20
NuTech	G2 5H-700^	HX,RR2	C250	140.4	11.6	1.0	26.1	\$608.6	21
Wensman	W7270VT3Pro	VT3P	P250	139.8	10.5	1.0	26.6	\$609.9	19
Wensman	W8364STX	SS	P250	139.6	12.1	1.0	26.1	\$603.4	22
Gold Country	102-05	VT3	P250	138.4	11.2	1.0	28.5	\$601.3	23
Kruger	K-6399VT3	VT3	P250	137.8	11.4	1.0	28.1	\$598.1	24
Gold Country	101-99	SS	P250	137.4	11.3	1.0	24.7	\$596.7	25
Renze	7079RR2	RR2	C250	136.3	10.8	3.7	24.7	\$593.6	26
Renze	7131RR2	RR2	C250	135.4	11.2	1.0	27.1	\$588.3	27
Dekalb	DKC53-45 GC	SS	P250	134.9	12.1	1.0	28.5	\$583.1	29
Mustang	5307VT3	VT3	P250	134.4	10.7	1.0	28.1	\$585.6	28
NuTech	5N-102	3000GT	C250	134.3	12.1	1.0	27.6	\$580.5	31
Pannar	5D-303	VT3	C250	134.1	11.2	3.7	24.7	\$582.7	30
Channel	201-13VT3 CK	VT3	C250	161.3	11.3	1.0	30.0	\$700.4	2
Test Average =				136.6	11.7	1.3	26.9	\$591.7	
LSD (0.10) =				21.5	0.7	1.8			
C.V. =				11.6	4.6				

TEST COMMENTS: Too wet all growing season as rains kept coming every week. Soils got saturated and didn't dry out till this fall. This site was sprayed with conventional herbicides and was clean. Good harvest weather. Yields of 150 bushel per acre corn have been common in the area this year.

Lat: N42.9719, Long: W96.81839

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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Revised:

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

Jason/Ken Frick, Clay County, SD 57004 [BERESFORD]

105 - 108 Day CRM

PREV. CROP/HERB: Soybean / Roundup

B0SDSE17b

SOIL DESCRIPTION: Clarno silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated

SOIL CONDITIONS: Moderate P, high K, 5.9 pH, 4.1% OM

PEST MANAGEMENT: Laudis

30" ROW SPACING

FERTILITY - Applied N: 165 Spring,

Applied N-P-K (units): 165-40-40

SEEDED - RATE: May 3 29,000 /A

TOP 30 OF 33 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 20 27,100 /A

AVERAGE of (2) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-6006VT3	VT3	C250	160.2	13.5	5.0	28.3	\$686.9	1
NuTech	5N-804	3000GT	C250	152.3	12.9	1.0	30.5	\$655.3	2
NuTech	G2 5H-005^	HX,RR2	C250	149.6	12.8	1.0	27.6	\$644.0	3
Stine	9528VT3Pro	VT3P	P250	147.1	18.6	1.0	27.6	\$611.9	4
Fielders Choice	NG6696	VT3	P250	142.1	13.5	1.0	24.0	\$609.3	5
Wensman	W7455VT3	VT3	P250	141.6	14.4	1.0	26.9	\$603.9	7
Renze	7270RR2	RR2	C250	140.3	12.5	1.0	24.7	\$605.0	6
Great Lakes	5643VT3PRO	VT3P	P250	138.5	12.3	1.0	26.9	\$598.0	8
Producers	6944VT3	VT3	P250	136.2	14.1	1.0	26.1	\$581.9	11
Mustang	6317VT3	VT3	P250	135.7	11.9	1.0	28.3	\$587.2	10
Renze	1219VT3	VT3	C250	135.6	11.6	1.0	29.1	\$587.8	9
Pioneer	35F44 GC	HXT,RR2	C250	130.5	13.6	1.0	25.4	\$559.2	12
Great Lakes	5783G3VT3	VT3	P250	128.9	13.2	1.0	26.1	\$553.6	14
Fielders Choice	NG6646	VT3	P250	128.8	12.0	1.0	27.6	\$557.1	13
LG Seeds	LG2529VT3Pro	VT3P	P250	127.6	12.0	1.0	27.6	\$551.9	15
Stine	9531VT3Pro	VT3P	P250	127.5	15.6	1.0	28.3	\$540.0	17
Stine	9608 Smart Stax	SS	P250	126.2	15.6	1.0	27.6	\$534.5	18
Heine	798VT3	VT3	P250	126.1	13.1	1.0	24.0	\$541.9	16
Heine	755VT3	VT3	P250	121.2	12.1	1.0	27.6	\$523.9	19
NuTech	G2 5X-007^	HXT,RR2	C250	121.0	14.4	1.0	27.6	\$516.1	20
Fielders Choice	NG6726	VT3	P250	119.2	14.3	1.0	26.1	\$508.7	22
Mycogen	2J597	SS	C250	118.6	11.6	1.0	26.1	\$514.1	21
Wensman	W7473VT3	VT3	P250	117.0	14.6	1.0	26.9	\$498.4	24
Fielders Choice	NG6676	VT3	P250	115.4	12.0	1.0	27.6	\$499.1	23
NuTech	G2 5H-607^	HX,RR2	C250	114.4	13.3	5.0	25.4	\$491.1	26
Producers	6634VT3	VT3	P250	113.4	11.4	13.0	30.5	\$492.2	25
Heine	810VT3PRO	VT3P	P250	113.1	14.5	8.5	24.7	\$482.1	28
Dairyland	ST9206Q	HXT,RR2	C250	109.1	14.5	1.0	29.8	\$465.0	29
NuTech	3A-406	GT	C250	108.4	17.5	1.0	25.4	\$453.9	31
Mycogen	2K594	SS	C250	106.2	13.9	1.0	27.6	\$454.3	30
Channel	201-13VT3 CK	VT3	C250	112.0	11.9	2.5	29.1	\$484.7	27
Test Average =				126.3	13.5	1.9	27.1	\$541.6	
LSD (0.10) =				24.1	2.1	6.3			
C.V. =				11.4	9.4				

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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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