

2010 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
 Stuart Benson, Moody County, SD 57028 [FLANDREAU]

EARLY SEASON TEST
99 - 104 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0SDSE13a
 SOIL DESCRIPTION: Moody clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 4.1% OM
 PEST MANAGEMENT: Harness Xtra, Roundup 30" ROW SPACING
 FERTILITY - Applied N: 110 Fall, 10 Spring,
 Applied N-P-K (units): 120-60-50
 SEEDED - RATE: May 2 31,300 /A TOP 30 OF 51 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 19 29,100 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC50-44 GC	VT3	P250	193.7	17.5	1.0	30.5	\$811.1	1
Rea	5T577	VT3	P250	183.0	16.7	1.0	28.5	\$770.0	2
NuTech	G2 5H-700^	HX,RR2	C250	182.9	17.1	1.0	30.0	\$767.7	3
Wensman	W6307RR	RR2	P250	181.7	17.0	1.0	32.9	\$763.1	4
Mustang	6460	3000GT	C250	179.8	19.1	1.0	29.0	\$745.7	7
Gold Country	98-90	VT3P	P250	178.9	16.7	1.0	29.0	\$752.7	6
Gold Country	102-05	VT3	P250	178.5	16.3	1.0	30.5	\$752.8	5
Great Lakes	5416G3VT3	VT3	P250	177.1	18.2	1.0	29.0	\$738.5	9
NuTech	G2 5H-105^	HX,RR2	C250	176.8	18.9	2.0	28.5	\$734.2	11
Wensman	W7273VT3	VT3	P250	176.6	17.0	1.0	25.7	\$741.7	8
Renze	7131RR2	RR2	C250	174.0	16.3	1.0	31.9	\$733.8	13
Pannar	5D-303	VT3	C250	173.8	15.6	1.0	31.4	\$736.0	10
Heine	742VT3	VT3	P250	173.3	17.3	1.0	26.6	\$726.6	15
Gold Country	103-09	VT3	P250	172.1	18.3	1.0	26.1	\$717.2	21
Wensman	W7270VT3Pro	VT3P	P250	172.0	14.3	3.7	31.4	\$734.0	12
NuTech	G2 5X-500A^	HXT,RR2	C250	172.0	17.0	1.0	30.0	\$722.4	16
Kruger	K-6201VT3	VT3	P250	172.0	17.2	1.0	30.0	\$721.5	18
Dekalb	DKC52-59 GC	VT3	P250	171.9	15.4	1.0	30.0	\$728.9	14
Pannar	5E-801	VT3	C250	171.3	16.6	1.0	28.6	\$721.2	19
Renze	7079RR2	RR2	C250	170.5	15.7	2.0	27.1	\$721.6	17
NuTech	G2 5H-502^	HX,RR2	C250	170.1	17.9	1.0	30.5	\$710.6	23
NuTech	5N-803	3000GT	C250	169.9	18.2	1.0	29.0	\$708.5	25
Dekalb	DKC50-66 GC	VT3	P250	169.5	15.4	1.0	30.5	\$718.7	20
Kruger	K-6399VT3	VT3	P250	169.4	16.5	1.0	29.5	\$713.6	22
Heine	723VT3	VT3	P250	169.2	17.8	1.0	30.0	\$707.3	26
Rea	5T910	VT3	P250	169.1	17.9	1.0	27.1	\$706.4	27
Renze	2181-3000GT	3000GT	C250	169.1	18.1	1.0	27.6	\$705.6	28
Kruger	K-7302	VT3P	P250	168.8	17.9	1.0	28.1	\$705.2	29
Kruger	K-6102VT3	VT3	C250	168.0	16.3	1.0	29.5	\$708.5	24
Heine	727VT3	VT3	P250	167.7	18.0	1.0	27.6	\$700.1	30
Channel	201-13VT3 CK	VT3	C250	162.3	18.3	7.3	30.0	\$676.4	39
Test Average =				168.0	17.9	1.4	29.1	\$702.0	
LSD (0.10) =				12.1	1.0	2.0			
C.V. =				5.3	4.1				

TEST COMMENTS: *A nice even stand of corn without much lodging in the entire plot. Corn was a under a little stress early as excessive rains saturated soils in June and July. We had a well drained area, which was vital in a wet year and helped provide good plot data. Excellent harvest conditions.*

Lat: N44.60918, Long: W96.58715

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]
 Stuart Benson, Moody County, SD 57028 [FLANDREAU]

FULL SEASON TEST
105 - 108 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0SDSE13b
 SOIL DESCRIPTION: Moody clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 4.1% OM
 PEST MANAGEMENT: Harness Xtra, Roundup 30" ROW SPACING
 FERTILITY - Applied N: 110 Fall, 10 Spring,
 Applied N-P-K (units): 120-60-50
 SEEDED - RATE: May 2 31,300 /A TOP 30 OF 33 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 19 28,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-6006VT3	VT3	C250	170.3	21.4	1.0	27.1	\$696.5	1
Heine	798VT3	VT3	P250	168.6	22.5	4.7	29.5	\$684.9	2
NuTech	G2 5H-607^	HX,RR2	C250	165.1	24.8	1.0	28.1	\$661.2	9
Heine	810VT3PRO	VT3P	P250	163.7	22.1	1.0	29.5	\$666.7	7
Mycogen	2J597	SS	C250	163.2	22.1	1.0	28.5	\$664.6	8
Wensman	W7433VT3	VT3	P250	162.3	19.6	1.0	28.1	\$671.1	5
Fielders Choice	NG6646	VT3	P250	161.6	18.6	1.0	30.5	\$672.3	3
Renze	1219VT3	VT3	C250	160.6	17.7	3.7	28.5	\$671.7	4
Pioneer	35F44 GC	HXT,RR2	C250	160.1	21.3	1.0	31.4	\$655.2	11
Heine	755VT3	VT3	P250	159.8	20.5	3.7	29.5	\$657.2	10
Wensman	W7473VT3	VT3	P250	158.8	24.7	1.0	29.5	\$636.4	18
Great Lakes	5643VT3PRO	VT3P	P250	158.7	21.7	1.0	29.0	\$647.9	12
Renze	7270RR2	RR2	C250	158.6	21.9	2.0	27.1	\$646.7	13
Fielders Choice	NG6726	VT3	P250	158.4	25.0	6.0	30.0	\$633.6	20
Kruger	K-6408VT3	VT3	P250	157.0	22.2	1.0	27.1	\$639.0	17
Producers	6634VT3	VT3	P250	156.0	19.8	1.0	27.6	\$644.3	14
Mycogen	2K594	SS	C250	155.6	23.0	1.0	27.1	\$630.2	22
Fielders Choice	NG6696	VT3	P250	155.4	21.9	2.0	20.8	\$633.6	19
LG Seeds	LG2529VT3Pro	VT3P	P250	155.3	20.2	2.0	27.1	\$639.8	15
Wensman	W7455VT3	VT3	P250	155.3	21.9	1.0	28.1	\$633.2	21
Producers	6944VT3	VT3	P250	153.9	21.9	1.0	27.1	\$627.5	23
NuTech	5N-804	3000GT	C250	153.8	18.8	1.0	23.7	\$639.0	16
Dairyland	ST9206Q	HXT,RR2	C250	151.3	23.2	2.0	30.5	\$612.0	25
Stine	9528VT3Pro	VT3P	P250	150.5	25.0	1.0	28.0	\$602.0	26
Mustang	6317VT3	VT3	P250	150.0	20.2	1.0	29.0	\$618.0	24
Stine	9608 Smart Stax	SS	P250	148.6	26.3	1.0	30.5	\$589.6	28
Stine	9531VT3Pro	VT3P	P250	148.1	24.6	1.0	32.4	\$593.9	27
Fielders Choice	NG6676	VT3	P250	142.2	22.5	1.0	26.1	\$577.7	29
NuTech	3A-406	GT	C250	138.4	22.3	1.0	26.6	\$562.9	30
NuTech	G2 5X-007^	HXT,RR2	C250	136.7	21.5	2.0	29.0	\$558.8	31
Channel	201-13VT3 CK	VT3	C250	161.7	19.1	1.0	31.4	\$670.7	6
Test Average =				154.4	22.0	1.7	28.4	\$629.3	
LSD (0.10) =				13.8	1.5	3.1			
C.V. =				6.6	5.1				

TEST COMMENTS: *A nice even stand of corn without much lodging in the entire plot. Corn was a under a little stress early as excessive rains saturated soils in June and July. We had a well drained area, which was vital in a wet year and helped provide good plot data. Excellent harvest conditions.*

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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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