

2010 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
 Lewis Bainbridge, Davison County, SD 57334 [ETHAN]

EARLY SEASON TEST
99 - 104 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0SDSE16a
 SOIL DESCRIPTION: Houdek-Prosper loam, well drained, no-till, non-irrigated
 SOIL CONDITIONS: Moderate P, high K, 6.2 pH, 2.9% OM
 PEST MANAGEMENT: Hanes Xtra, Roundup 30" ROW SPACING
 FERTILITY - Applied N: 120 Fall, 15 Spring,
 Applied N-P-K (units): 135-40-0
 SEEDING - RATE: May 4 29,000 /A TOP 30 OF 51 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 17 27,100 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	G2 5H-105^	HX,RR2	C250	183.6	12.5	1.0	28.1	\$791.8	1
Dekalb	DKC50-44 GC	VT3	P250	170.4	12.3	2.0	28.1	\$735.7	3
Great Lakes	5416G3VT3	VT3	P250	170.1	12.4	1.0	28.5	\$734.0	4
Kruger	K-7302	VT3P	P250	167.4	12.3	3.0	27.1	\$722.7	5
NuTech	G2 5H-502^	HX,RR2	C250	166.7	12.7	3.0	27.6	\$718.1	7
NuTech	G2 5H-700^	HX,RR2	C250	166.5	12.3	2.0	25.2	\$718.9	6
Kruger	K-6201VT3	VT3	P250	166.1	12.7	1.0	26.1	\$715.5	8
Dekalb	DKC50-66 GC	VT3	P250	164.4	12.1	1.0	27.1	\$710.6	9
Heine	745VT3	VT3	P250	163.8	13.3	1.0	24.7	\$703.1	12
NuTech	3T-401	VT3	C250	163.1	12.4	1.0	28.1	\$703.8	11
Wensman	W7270VT3Pro	VT3P	P250	162.6	11.7	2.0	29.0	\$704.5	10
Heine	742VT3	VT3	P250	160.5	12.6	2.0	24.7	\$691.8	16
Gold Country	98-90	VT3P	P250	160.2	12.4	1.0	28.5	\$691.3	17
Gold Country	102-05	VT3	P250	160.1	11.6	1.0	27.1	\$694.0	13
Wensman	W7273VT3	VT3	P250	160.0	11.7	2.0	25.2	\$693.2	14
Gold Country	103-09	VT3	P250	159.9	13.3	1.0	23.7	\$686.4	18
Renze	2181-3000GT	3000GT	C250	159.5	11.2	1.0	28.5	\$693.0	15
Pannar	5D-303	VT3	C250	158.4	12.0	4.7	30.0	\$685.1	19
NuTech	3T-603	VT3	C250	157.5	14.3	2.0	26.6	\$672.1	20
Rea	5T577	VT3	P250	154.4	11.9	1.0	26.1	\$668.2	21
Rea	5T910	VT3	P250	154.3	12.5	1.0	24.2	\$665.4	22
Dekalb	DKC53-45 GC	SS	P250	154.0	13.0	1.0	27.1	\$662.2	24
Kruger	K-6102VT3	VT3	C250	153.6	11.9	1.0	28.1	\$664.7	23
Wensman	W6307RR	RR2	P250	152.2	12.2	1.0	25.6	\$657.5	25
NuTech	5N-803	3000GT	C250	151.6	12.7	4.7	28.1	\$653.0	26
Mustang	6460	3000GT	C250	151.1	12.9	3.0	26.6	\$650.1	28
Producers	6364GT3	3000GT	C250	151.1	13.8	4.7	30.0	\$646.7	31
Pannar	5E-801	VT3	C250	150.7	11.7	1.0	28.5	\$652.9	27
Heine	727VT3	VT3	P250	150.3	12.7	3.7	25.2	\$647.4	29
Heine	723VT3	VT3	P250	150.0	12.5	1.0	26.1	\$646.9	30
Channel	201-13VT3 CK	VT3	C250	170.9	12.3	2.0	30.0	\$737.9	2
Test Average =				148.8	12.5	5.3	27.1	\$641.8	
LSD (0.10) =				18.0	1.1	9.9			
C.V. =				8.9	6.6				

TEST COMMENTS: *We had issues with lodging and it looks like most of it was from green snap. Green snap was a problem in some area fields according to Lewis. Excessive rainfall was received in June and July with some big rain events. Fortunately the test area drained well. Very dry crop made for a good harvest conditions.* Lat: N43.5859, Long: W98.12458

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 South East [SDSE]
FULL SEASON TEST

Lewis Bainbridge, Davison County, SD 57334 [ETHAN]

105 - 108 Day CRM

B0SDSE16b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Houdek-Prosper loam, well drained, no-till, non-irrigated
 SOIL CONDITIONS: Moderate P, high K, 6.2 pH, 2.9% OM
 PEST MANAGEMENT: Hanes Xtra, Roundup
 FERTILITY - Applied N: 120 Fall, 15 Spring,
 Applied N-P-K (units): 135-40-0

30" ROW SPACING

 SEEDED - RATE: May 4 29,000 /A
 HARVESTED - STAND: Oct 17 27,200 /A

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

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2529VT3Pro	VT3P	P250	182.9	11.6	1.0	27.1	\$792.9	1
Producers	6944VT3	VT3	P250	179.3	12.4	1.0	29.0	\$773.7	3
Stine	9531VT3Pro	VT3P	P250	178.5	13.6	1.0	27.1	\$764.9	4
NuTech	G2 5H-607^	HX,RR2	C250	174.2	12.5	3.0	27.6	\$751.2	5
NuTech	5N-804	3000GT	C250	173.9	12.6	2.0	28.5	\$749.5	6
Wensman	W7455VT3	VT3	P250	173.1	13.1	1.0	25.7	\$743.9	7
Kruger	K-6006VT3	VT3	C250	171.7	12.6	1.0	27.1	\$740.0	8
Fielders Choice	NG6726	VT3	P250	171.3	14.3	1.0	27.6	\$731.0	9
NuTech	G2 5H-005^	HX,RR2	C250	169.3	13.4	1.0	26.6	\$726.3	13
Wensman	W7473VT3	VT3	P250	169.2	12.2	1.0	30.0	\$730.9	10
Renze	1219VT3	VT3	C250	168.6	12.5	1.0	26.1	\$727.1	12
Mycogen	2K594	SS	C250	168.6	12.8	1.0	26.6	\$725.8	14
Wensman	W7433VT3	VT3	P250	168.3	11.8	1.0	25.6	\$728.7	11
Kruger	K-6408VT3	VT3	P250	167.9	13.6	1.0	27.6	\$719.5	17
Pioneer	35F44 GC	HXT,RR2	C250	167.5	13.0	1.0	25.2	\$720.3	15
Heine	810VT3PRO	VT3P	P250	166.1	13.4	1.0	26.6	\$712.6	18
Great Lakes	5643VT3PRO	VT3P	P250	165.8	11.4	1.0	27.6	\$719.6	16
Fielders Choice	NG6696	VT3	P250	165.2	13.3	1.0	23.7	\$709.1	20
Producers	6634VT3	VT3	P250	164.9	12.5	1.0	26.6	\$711.1	19
Stine	9528VT3Pro	VT3P	P250	163.2	14.0	2.0	27.1	\$697.7	22
Heine	755VT3	VT3	P250	162.9	12.5	2.0	29.0	\$702.5	21
Fielders Choice	NG6676	VT3	P250	162.2	13.3	3.0	24.7	\$696.2	23
Dairyland	ST9206Q	HXT,RR2	C250	161.3	13.4	1.0	29.0	\$692.0	24
Renze	7270RR2	RR2	C250	160.6	13.1	6.3	25.7	\$690.2	25
Mustang	6317VT3	VT3	P250	160.0	12.7	4.7	28.1	\$689.2	26
Heine	798VT3	VT3	P250	156.3	12.6	3.7	28.5	\$673.7	27
Stine	9608 Smart Stax	SS	P250	155.4	13.8	1.0	27.1	\$665.1	28
Fielders Choice	NG6646	VT3	P250	152.5	12.9	2.0	26.1	\$656.1	30
Great Lakes	5783G3VT3	VT3	P250	152.2	13.0	1.0	27.6	\$654.5	31
Mycogen	2J597	SS	C250	151.5	11.6	6.0	25.6	\$656.8	29
Channel	201-13VT3 CK	VT3	C250	181.9	12.5	2.0	31.4	\$784.4	2
Test Average =				164.9	12.8	2.0	27.2	\$709.8	
LSD (0.10) =				11.7	0.3	3.3			
C.V. =				5.2	1.9				

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 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date:

Revised: 10/24/2010 New results table, replace 10/20/2010 version



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 [™]

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