

2011 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, Asana B1SDSE17a

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

SOIL CONDITION: Moderate P, mod. high K, 6.5 pH, 4.1% OM

PEST MANAGEMENT: Roundup, Harness Xtra 30" ROW SPACING

FERTILITY - Applied N: 120 Fall, 20 Spring,

Applied N-P-K (units): 140-70-50

SEEDED - RATE: May 10 32,400 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 18 29,300 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W 7290VT3PRO	VT3P	P250	99	219.1	12.8	1.0	30.9	1,314.6	1
NuTech	5N-001*	3000GT	C250	100	216.5	12.7	1.0	28.1	1,299.0	2
Kruger	K-6201VT3	VT3	P500,V	101	213.8	13.0	1.0	29.5	1,282.8	3
Great Lakes	5157G3VT3	VT3	P500,V	101	212.1	13.6	1.0	29.0	1,272.6	4
Kruger	K4-9302	STX	P500,V	102	211.7	12.9	1.0	29.0	1,270.2	5
Kruger	K4-9100	STX	P500,V	100	211.7	13.2	1.0	30.5	1,270.2	6
Producers	6044VT3	VT3	P250	100	210.9	13.3	1.0	29.5	1,265.4	7
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	208.5	12.5	3.7	29.5	1,251.0	8
Fielders Choice	NG6530	STX	P250	99	208.0	13.0	1.0	29.5	1,248.0	9
Gold Country	96-20	VT3P	P250	96	207.5	12.3	1.0	30.0	1,245.0	10
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	207.5	12.8	1.0	29.5	1,245.0	11
Wensman	W 7392GT3	3000GT	P250	104	206.5	13.8	1.0	30.5	1,239.0	12
Gold Country	103-09	VT3	P250	103	203.7	13.0	1.0	28.5	1,222.2	13
Gold Country	101-77	VT3	P250	101	201.3	13.3	1.0	30.5	1,207.8	14
Wensman	W 7320VT3PRO	VT3P	P250	101	200.1	13.7	1.0	31.5	1,200.6	15
Renze	2222-3000GT*	3000GT	C250	104	199.0	13.8	1.0	27.6	1,194.0	16
Mustang	6460	3000GT	P250	104	197.3	13.5	1.0	29.5	1,183.8	17
Renze	2072-3000GT*	3000GT	C250	96	197.0	12.1	2.0	29.0	1,182.0	18
Stine	9417VT3*	VT3	C250	100	196.4	12.6	2.0	26.6	1,178.4	19
Rea	4A918	STX	P250	99	196.2	12.8	1.0	29.5	1,177.2	20
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	195.9	12.4	1.0	29.0	1,175.4	21
Great Lakes	5339GT3	3000GT	P500,V	103	195.8	13.4	2.0	30.0	1,174.8	22
Dairyland	ST-9303SSX	STX	C250	103	195.2	12.1	1.0	29.5	1,171.2	23
NuTech	5N-102*	3000GT	C250	102	195.2	13.2	3.7	30.5	1,171.2	24
Renk	RK580VT3	VT3	P250	98	193.9	12.5	1.0	31.0	1,163.4	25
Fielders Choice	NG6447	STX	P250	94	193.4	12.1	1.0	28.5	1,160.4	26
Heine	744-3000GT	3000GT	P250	104	193.4	13.3	1.0	28.5	1,160.4	27
G2 Genetics	5X-0001^	HXT,RR2	P1250,V	100	192.9	14.2	1.0	29.5	1,157.4	28
Heine	741GT	GT	C250	106	192.5	12.8	1.0	28.6	1,155.0	29
Dekalb	DKC52-59 GC	VT3	P250	102	191.7	12.2	1.0	30.5	1,150.2	30
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	177.2	13.3	3.0	30.5	1,063.2	47
Test Average =					195.8	12.9	1.2	29.3	1,174.9	
LSD (0.10) =					13.2	0.5	1.4			
C.V. =					5.0	3.1				


 F.I.R.S.T. Manager

TEST COMMENTS: *This was a nice stand of corn at harvest. We did have some varieties that goose necked but it was not a harvest issue. Wet and cool in the spring and then hot and dry in July and August. September remained dry and the corn dried down well. We had a frost September 15. Despite the challenging year we had good yields at this site.*

Lat: N43.949, Long: W-96.59649

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.050 Price = \$6.00

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **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 comparison product, * = brands without a seed lot number; **ns** = not significantly different

2011 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
 Stuart Benson, Moody County, SD 57028 [FLANDREAU]

FULL SEASON TEST
 105 - 108 Day CRM

B1SDSE17b

 PREV. CROP/HERB: Soybean / Roundup, Asana
 SOIL DESCRIPTION: Moody clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 6.5 pH, 4.1% OM
 PEST MANAGEMENT: Roundup, Harness Xtra
 FERTILITY - Applied N: 120 Fall, 20 Spring,
 Applied N-P-K (units): 140-70-50

30" ROW SPACING

 SEEDED - RATE: May 10 32,400 /A
 HARVESTED - STAND: Oct 18 29,100 /A

TOP 29 OF 29 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
G2 Genetics	5H-0601 [^]	HX,RR2	P1250,V	106	220.0	13.8	2.0	28.5	1,320.0	1
Kruger	K-6408VT3	VT3	P500,V	108	209.5	13.5	1.0	28.5	1,257.0	2
G2 Genetics	5H-905 [^]	HX,RR2	C250	105	208.9	13.0	1.0	28.1	1,253.4	3
Heine	810VT3P	VT3P	P250	108	204.6	15.1	1.0	30.5	1,226.6	4
LG Seeds	LG2544VT3	VT3	P500,V	108	204.0	13.6	1.0	27.1	1,224.0	5
Stine	9529VT3Pro*	VT3P	C250	106	201.7	13.8	2.0	27.6	1,210.2	6
Producers	6694VT3Pro	VT3P	P250	106	200.0	13.5	1.0	31.0	1,200.0	7
Stine	9531VT3Pro*	VT3P	C250	107	199.7	14.5	3.7	31.5	1,198.2	8
Gold Country	107-17	VT3P	P250	107	199.5	12.5	1.0	30.5	1,197.0	9
Renk	RK818VT3P	VT3P	P250	108	199.2	15.7	1.0	31.9	1,188.2	11
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	198.2	14.2	1.0	29.0	1,189.2	10
G2 Genetics	5H-0701 [^]	HX,RR2	C250	106	195.3	13.7	1.0	29.5	1,171.8	12
Heine	751STX	STX	P250	106	193.9	14.0	1.0	30.5	1,163.4	13
Great Lakes	5770VT3PRO	VT3P	P500,V	107	193.4	13.1	1.0	30.5	1,160.4	14
Producers	6944VT3	VT3	P500,V	108	192.7	15.1	1.0	30.5	1,155.2	15
Kruger	K4-9205	STX	P500,V	105	191.4	12.9	1.0	27.1	1,148.4	16
Dairyland	ST-9308SSX	STX	C500,AV	108	191.4	13.7	1.0	30.0	1,148.4	17
Wensman	W 6443RR	RR2	P250	105	191.0	12.9	1.0	29.5	1,146.0	18
Kruger	K-7907	VT3P	P500,V	107	189.4	12.7	1.0	28.5	1,136.4	19
Renk	RK741VT3P	VT3P	P250	108	185.5	13.2	2.0	30.5	1,113.0	20
Kruger	K4-9607	STX	P500,V	107	185.2	14.1	1.0	29.0	1,111.2	21
G2 Genetics	5X-908 [^] *	HXT,RR2	C250	108	184.1	15.9	1.0	26.6	1,096.3	23
Dekalb	DKC55-09 GC	STX	P250	105	183.7	13.4	1.0	28.5	1,102.2	22
Great Lakes	5643VT3PRO	VT3P	P500,V	106	182.5	11.8	1.0	28.1	1,095.0	24
Wensman	W 7473VT3	VT3	P250	109	177.9	14.5	1.0	28.1	1,067.4	25
Dairyland	ST-9206SSX	STX	C250	106	176.7	14.4	1.0	27.6	1,060.2	26
Mustang	6808	STX	P500,V	106	175.7	14.4	1.0	27.6	1,054.2	27
Mustang	6230	VT3	P500,V	105	154.0	12.7	1.0	31.5	924.0	29
This and the row below are intentionally blank										
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	166.7	13.5	2.0	30.0	1,000.2	28
Test Average =					191.8	13.8	1.2	29.1	1,150.8	
LSD (0.10) =					12.9	0.5	1.4			
C.V. =					4.9	2.9				



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Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
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® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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