

2011 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]

Brock Hoogestraat, Turner County, SD 57039 [CHANCELLOR]

EARLY SEASON TEST
99 - 104 Day CRM

B1SDSE14a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Egan-Wentworth silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, mod. high K, 6.7 pH, 4.5% OM
 PEST MANAGEMENT: Roundup, Callisto
 FERTILITY - Applied N: 120 Spring,
 Applied N-P-K (units): 120-60-20

30" ROW SPACING

 SEEDED - RATE: May 7 30,100 /A
 HARVESTED - STAND: Oct 15 27,900 /A

 TOP 30 OF 48 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
Fielders Choice	NG6447	STX	P250	94	174.7	13.2	3.0	28.5	1,048.2	1
Wensman	W 7290VT3PRO	VT3P	P250	99	167.7	13.3	5.7	30.0	1,006.2	2
Producers	6044VT3	VT3	P250	100	166.6	13.9	20.7	29.5	999.6	3
Gold Country	96-20	VT3P	P250	96	164.7	13.1	4.0	30.0	988.2	4
Wensman	W 7360VT3	VT3	P250	103	164.6	13.8	24.7	28.5	987.6	5
Dekalb	DKC52-59 GC	VT3	P250	102	164.5	13.6	9.0	28.6	987.0	6
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	164.2	13.5	2.0	25.6	985.2	7
G2 Genetics	5X-903 [^]	HXT,RR2	P1250,V	103	162.1	13.7	4.0	27.1	972.6	8
Kruger	K-6201VT3	VT3	P500,V	101	161.3	13.8	6.3	29.0	967.8	9
Kruger	K4-9100	STX	P500,V	100	160.7	13.5	9.0	26.6	964.2	10
Kruger	K4-9599	STX	P500,V	99	160.0	13.6	4.7	28.0	960.0	11
G2 Genetics	5H-501 [^] *	HX,RR2	C250	101	157.5	13.6	9.0	27.6	945.0	12
Rea	5T577	VT3	P250	101	157.2	13.2	9.7	28.1	943.2	13
Gold Country	101-99	STX	P250	104	156.9	13.8	3.0	29.0	941.4	14
Fielders Choice	NG6546	VT3	P250	100	156.0	13.1	3.7	28.1	936.0	15
Renk	RK619SSTX	STX	P250	104	155.1	13.8	3.7	28.5	930.6	16
Rea	4A918	STX	P250	99	153.9	13.4	2.0	28.0	923.4	17
Fielders Choice	NG6514	STX	P250	98	153.8	13.4	2.0	28.1	922.8	18
Wensman	W 7320VT3PRO	VT3P	P250	101	151.5	13.7	7.0	30.0	909.0	19
Kruger	K4-9302	STX	P500,V	102	151.3	14.2	4.0	28.1	907.8	20
Renk	RK580VT3	VT3	P250	98	150.8	13.3	10.0	29.0	904.8	21
Fielders Choice	NG6530	STX	P250	99	150.5	13.4	5.7	27.6	903.0	22
Gold Country	101-77	VT3	P250	101	149.4	13.4	3.0	27.6	896.4	23
NuTech	5N-001 [*]	3000GT	C250	100	149.2	13.0	23.0	27.1	895.2	24
Dairyland	ST-9303SSX	STX	C250	103	147.9	13.8	16.7	26.6	887.4	25
G2 Genetics	5H-0101 [^]	HX,RR2	P1250,V	100	147.5	13.8	3.7	29.5	885.0	26
Heine	741GT	GT	C250	106	146.9	14.3	5.7	27.1	881.4	27
Mustang	6460	3000GT	P250	104	145.7	14.1	2.0	25.2	874.2	28
Renze	1219VT3	VT3	C250	103	143.3	14.4	4.7	28.1	859.8	29
Gold Country	103-09	VT3	P250	103	142.3	13.7	15.0	31.0	853.8	30
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	125.1	13.9	5.7	26.1	750.6	43
Test Average =					145.4	13.7	9.5	27.9	872.6	
LSD (0.10) =					18.8	0.6	13.1			
C.V. =					9.5	3.1				



F.I.R.S.T. Manager

TEST COMMENTS: This site looked great early as this plot had good plant vigor through mid July. A dry end to the growing season affected yield. A frost occurred on September 15. Most of the lodging occurred in the fall as very dry weather in September made stalks brittle. Brock had some green snap in the field around the plot but the plot had little damage.

Lat: N43.39169, Long: W-96.96803

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]

Brock Hoogestraat, Turner County, SD 57039 [CHANCELLOR]

FULL SEASON TEST
105 - 108 Day CRM

B1SDSE14b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Egan-Wentworth silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 6.7 pH, 4.5% OM
 PEST MANAGEMENT: Roundup, Callisto
 FERTILITY - Applied N: 120 Spring,
 Applied N-P-K (units): 120-60-20

30" ROW SPACING

 SEEDED - RATE: May 7 30,100 /A
 HARVESTED - STAND: Oct 15 27,900 /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
Heine	810VT3P	VT3P	P250	108	202.3	14.4	3.0	27.6	1,213.8	1
G2 Genetics	5H-905 [^]	HX,RR2	C250	105	189.3	13.4	9.7	26.6	1,135.8	2
LG Seeds	LG2544VT3	VT3	P500,V	108	183.3	15.4	8.0	28.5	1,096.1	4
Wensman	W 7473VT3	VT3	P250	109	183.0	14.1	4.7	27.6	1,098.0	3
Great Lakes	5770VT3PRO	VT3P	P500,V	107	175.8	14.7	4.7	28.6	1,054.8	5
Stine	9531VT3Pro*	VT3P	C250	107	174.7	15.9	3.7	29.5	1,040.3	7
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	174.0	14.4	1.0	26.6	1,044.0	6
Kruger	K-6408VT3	VT3	P500,V	108	172.7	15.0	2.0	28.1	1,036.2	8
G2 Genetics	5H-0701 [^]	HX,RR2	C250	106	172.1	14.2	4.7	28.6	1,032.6	9
Kruger	K-7907	VT3P	P500,V	107	171.3	13.7	3.0	26.6	1,027.8	10
Heine	751STX	STX	P250	106	169.3	15.3	3.0	27.6	1,013.3	11
Renk	RK818VT3P	VT3P	P250	108	168.0	15.9	4.7	28.5	1,000.4	13
Gold Country	107-17	VT3P	P250	107	167.9	14.0	7.0	28.0	1,007.4	12
Producers	6944VT3	VT3	P500,V	108	165.8	14.8	3.0	27.1	994.8	14
Dekalb	DKC55-09 GC	STX	P250	105	165.3	14.8	1.0	28.0	991.8	15
Mustang	6808	STX	P500,V	106	164.5	15.6	3.0	30.5	982.1	16
Renk	RK741VT3P	VT3P	P250	108	162.1	14.2	4.7	28.5	972.6	17
Kruger	K4-9205	STX	P500,V	105	161.3	14.0	2.0	29.0	967.8	18
Producers	6694VT3Pro	VT3P	P250	106	160.8	14.3	7.0	27.1	964.8	19
Kruger	K4-9607	STX	P500,V	107	160.0	14.9	2.0	26.6	960.0	20
Great Lakes	5643VT3PRO	VT3P	P500,V	106	160.0	13.8	5.7	28.5	960.0	21
Stine	9529VT3Pro*	VT3P	C250	106	156.3	14.9	3.7	27.1	937.8	22
G2 Genetics	5H-0601 [^]	HX,RR2	P1250,V	106	156.3	14.4	8.0	29.0	937.8	23
G2 Genetics	5X-908 ^{^*}	HXT,RR2	C250	108	151.0	17.5	4.7	26.6	887.1	25
Dairyland	ST-9206SSX	STX	C250	106	148.1	15.0	13.7	27.6	888.6	24
Wensman	W 6443RR	RR2	P250	105	143.9	14.2	4.7	29.5	863.4	27
Dairyland	ST-9308SSX	STX	C500,AV	108	143.4	14.9	2.0	27.6	860.4	28
Mustang	6230	VT3	P500,V	105	132.8	14.7	25.7	26.1	796.8	29
This and the row below are intentionally blank										
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	146.9	14.0	12.0	27.6	881.4	26
Test Average =					165.3	14.7	5.5	27.9	991.8	
LSD (0.10) =					18.7	1.3	5.7			
C.V. =					8.3	6.7				

TEST COMMENTS: This site looked great early as this plot had good plant vigor through mid July. A dry end to the growing season affected yield. A frost occurred on September 15. Most of the lodging occurred in the fall as very dry weather in September made stalks brittle. The farmer had some green snap in the field around the plot but the plot had little damage. Lat: N43.39169, Long: W-96.96803

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Footnotes, Abbreviations, and Trademarks

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^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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