

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

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

EARLY SEASON TEST
99 - 104 Day CRM

B1SDSE16a

PREV. CROP/HERB: Soybean / Pursuit, Cadet
 SOIL DESCRIPTION: Egan-Clarno-Chancellor silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, mod. high K, 6.7 pH, 4.1% OM
 PEST MANAGEMENT: Balance Flexx, Roundup
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-40-40

30" ROW SPACING

SEEDED - RATE: May 7 30,100 /A
 HARVESTED - STAND: Oct 16 28,200 /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
Wensman	W 7320VT3PRO	VT3P	P250	101	190.2	13.2	2.0	25.6	1,141.2	1
Rea	5T577	VT3	P250	101	181.9	12.2	2.0	28.0	1,091.4	2
Heine	741GT	GT	C250	106	177.3	14.7	2.0	28.6	1,063.8	3
Gold Country	101-77	VT3	P250	101	173.6	12.6	1.0	31.0	1,041.6	4
Gold Country	103-09	VT3	P250	103	173.2	13.6	2.0	28.5	1,039.2	5
Kruger	K4-9599	STX	P500,V	99	171.0	13.4	1.0	28.5	1,026.0	6
Renk	RK619SSTX	STX	P250	104	169.4	13.8	1.0	27.6	1,016.4	7
Kruger	K-6201VT3	VT3	P500,V	101	168.4	13.6	7.3	28.5	1,010.4	8
NuTech	5N-001*	3000GT	C250	100	168.2	12.1	5.7	30.9	1,009.2	9
Heine	745VT3P	VT3P	P250	104	165.2	15.0	1.0	28.0	991.2	10
Fielders Choice	NG6546	VT3	P250	100	163.1	12.0	2.0	28.1	978.6	11
Producers	6044VT3	VT3	P250	100	161.8	13.7	3.0	29.0	970.8	12
Kruger	K4-9100	STX	P500,V	100	161.0	13.7	14.3	28.5	966.0	14
Fielders Choice	NG6514	STX	P250	98	160.0	12.4	3.7	27.1	960.0	15
Gold Country	96-20	VT3P	P250	96	159.2	12.1	4.7	29.5	955.2	16
Dekalb	DKC52-59 GC	VT3	P250	102	158.8	12.6	3.0	29.0	952.8	17
Wensman	W 7360VT3	VT3	P250	103	156.8	13.2	7.0	30.0	940.8	18
Renze	CX17104RR2*	RR2	P250	104	155.5	11.6	4.7	29.0	933.0	19
Heine	744-3000GT	3000GT	P250	104	155.4	13.7	5.7	25.2	932.4	20
Wensman	W 7392GT3	3000GT	P250	104	155.3	14.0	3.0	27.6	931.8	21
Fielders Choice	NG6530	STX	P250	99	151.7	13.6	16.7	27.1	910.2	22
Mustang	4454	3000GT	P500,V	98	151.1	12.5	15.0	26.1	906.6	23
Rea	4A918	STX	P250	99	150.7	13.4	9.7	29.0	904.2	24
Renze	1219VT3	VT3	C250	103	148.8	13.2	4.7	26.6	892.8	25
Stine	9523VT3*	VT3	C250	104	148.8	12.9	17.7	27.1	892.8	26
NuTech	5N-102*	3000GT	C250	102	141.7	13.2	7.3	29.0	850.2	27
Renze	2222-3000GT*	3000GT	C250	104	141.3	13.5	7.3	27.1	847.8	28
Renk	RK698VT3	VT3	P250	102	138.6	13.1	7.0	29.5	831.6	29
Stine	9417VT3*	VT3	C250	100	138.4	12.5	6.3	27.1	830.4	30
Mustang	6460	3000GT	P250	104	138.0	13.5	11.3	28.0	828.0	31
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	161.6	13.4	3.7	28.5	969.6	13
Test Average =					144.6	13.0	12.0	28.2	867.7	
LSD (0.10) =					24.0	0.6	17.5			
C.V. =					12.2	3.2				

TEST COMMENTS: *The lodging score reflects the amount of greensnap and stalk lodging that was present in the plot. Both types of problems have been common in surrounding fields. Despite a good start, the hot dry weather in August and September took its toll on yield potential. Most varieties had been stripped of their leaves at harvest.*

Lat: N42.96834, Long: W-96.8158

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]

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

FULL SEASON TEST
105 - 108 Day CRM

B1SDSE16b

PREV. CROP/HERB: Soybean / Pursuit, Cadet
 SOIL DESCRIPTION: Egan-Clarno-Chancellor silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 6.7 pH, 4.1% OM
 PEST MANAGEMENT: Balance Flexx, Roundup
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-40-40

30" ROW SPACING

SEEDED - RATE: May 7 30,100 /A
 HARVESTED - STAND: Oct 16 28,300 /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	194.1	15.2	1.0	28.5	1,162.7	1
LG Seeds	LG2544VT3	VT3	P500,V	108	193.2	16.5	1.0	29.0	1,144.7	2
Wensman	W 7473VT3	VT3	P250	109	191.4	16.7	1.0	28.5	1,132.1	3
Renk	RK818VT3P	VT3P	P250	108	183.5	16.4	2.0	29.0	1,088.2	6
Stine	9529VT3Pro*	VT3P	C250	106	183.2	13.9	1.0	28.1	1,099.2	5
Producers	6944VT3	VT3	P500,V	108	181.5	16.9	2.0	27.6	1,071.8	8
Great Lakes	5643VT3PRO	VT3P	P500,V	106	179.0	14.4	2.0	28.1	1,074.0	7
Producers	6694VT3Pro	VT3P	P250	106	178.1	13.7	1.0	29.5	1,068.6	9
Mustang	6230	VT3	P500,V	105	176.8	15.8	4.7	28.1	1,053.7	10
Renk	RK741VT3P	VT3P	P250	108	166.5	14.1	9.0	29.0	999.0	11
Stine	9531VT3Pro*	VT3P	C250	107	164.1	16.4	3.7	26.1	973.1	12
Dairyland	ST-9206SSX	STX	C250	106	161.0	15.4	2.0	28.1	962.8	13
Great Lakes	5770VT3PRO	VT3P	P500,V	107	159.2	13.5	4.7	28.1	955.2	14
Mustang	6808	STX	P500,V	106	155.8	15.0	7.0	27.6	934.8	15
G2 Genetics	5H-0601 [^]	HX,RR2	P1250,V	106	155.6	14.3	8.0	27.1	933.6	16
Dekalb	DKC55-09 GC	STX	P250	105	155.1	13.6	11.3	29.0	930.6	17
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	151.4	14.0	8.7	27.6	908.4	18
Kruger	K-6408VT3	VT3	P500,V	108	151.4	14.2	12.7	30.0	908.4	19
G2 Genetics	5H-905 [^]	HX,RR2	C250	105	150.8	13.5	3.0	29.5	904.8	20
Heine	751STX	STX	P250	106	149.8	14.6	11.7	31.4	898.8	21
Kruger	K4-9607	STX	P500,V	107	145.2	14.4	3.0	30.5	871.2	22
G2 Genetics	5H-0701 [^]	HX,RR2	C250	106	139.6	13.7	8.7	28.1	837.6	23
Kruger	K4-9205	STX	P500,V	105	139.1	13.8	11.7	26.6	834.6	24
Wensman	W 6443RR	RR2	P250	105	133.9	14.0	19.7	28.5	803.4	25
G2 Genetics	5X-908 ^{^*}	HXT,RR2	C250	108	130.8	16.4	6.0	26.6	775.6	26
Gold Country	107-17	VT3P	P250	107	123.7	13.2	16.7	26.6	742.2	27
Dairyland	ST-9308SSX	STX	C500,AV	108	106.7	14.6	22.0	30.5	640.2	28
Kruger	K-7907	VT3P	P500,V	107	104.1	13.0	33.0	27.1	624.6	29
This and the row below are intentionally blank										
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	186.9	14.1	3.7	29.0	1,121.4	4
Test Average =					156.9	14.6	8.1	28.3	941.4	
LSD (0.10) =					22.5	0.7	10.3			
C.V. =					10.5	3.7				



F.I.R.S.T. Manager

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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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