

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

Lewis Bainbridge, Davison County, SD 57334 [ETHAN]

EARLY SEASON TEST
99 - 104 Day CRM

B1SDSE18a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Houdek-Stickney loam, well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, high K, 6.2 pH, 2.9% OM
 PEST MANAGEMENT: Roundup, Force
 FERTILITY - Applied N: 110 Spring,
 Applied N-P-K (units): 110-30-0

30" ROW SPACING

 SEEDED - RATE: Jun 5 30,100 /A
 HARVESTED - STAND: Oct 28 28,100 /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
Mustang	6460	3000GT	P250	104	132.6	13.6	2.0	25.7	795.6	1
Wensman	W 7320VT3PRO	VT3P	P250	101	128.6	11.7	1.0	29.5	771.6	2
G2 Genetics	5H-0101 [^]	HX,RR2	P1250,V	100	128.4	12.0	1.0	27.6	770.4	3
Fielders Choice	NG6546	VT3	P250	100	123.9	11.4	1.0	27.1	743.4	4
Fielders Choice	NG6447	STX	P250	94	123.3	11.4	1.0	26.6	739.8	5
Rea	5T577	VT3	P250	101	118.4	11.0	1.0	29.5	710.4	6
Gold Country	101-77	VT3	P250	101	118.1	11.5	1.0	30.5	708.6	7
Kruger	K4-9302	STX	P500,V	102	117.0	13.1	1.0	29.0	702.0	8
Gold Country	96-20	VT3P	P250	96	116.1	11.2	1.0	29.0	696.6	9
Fielders Choice	NG6530	STX	P250	99	113.9	11.3	1.0	28.5	683.4	10
Wensman	W 7392GT3	3000GT	P250	104	112.0	13.2	1.0	26.1	672.0	11
Heine	744-3000GT	3000GT	P250	104	111.8	12.8	1.0	25.2	670.8	12
G2 Genetics	5X-0001 [^]	HXT,RR2	P1250,V	100	111.8	12.3	2.0	30.5	670.8	13
Wensman	W 7290VT3PRO	VT3P	P250	99	111.5	11.3	1.0	29.5	669.0	14
Dekalb	DKC52-59 GC	VT3P	P250	102	110.6	11.1	1.0	27.1	663.6	15
Great Lakes	5157G3VT3	VT3	P500,V	101	109.6	11.8	1.0	28.1	657.6	16
Wensman	W 7360VT3	VT3	P250	103	108.8	11.4	1.0	29.0	652.8	17
Renk	RK580VT3	VT3	P250	98	107.2	10.9	1.0	27.1	643.2	18
Renk	RK698VT3	VT3	P250	102	106.7	11.7	1.0	27.6	640.2	19
Producers	6374VT3	VT3	P500,V	103	106.4	10.5	1.0	28.5	638.4	20
G2 Genetics	5H-501 [^] *	HX,RR2	C250	101	106.1	11.9	1.0	31.0	636.6	21
Gold Country	103-09	VT3	P250	103	105.8	11.3	1.0	28.1	634.8	22
Renze	1219VT3	VT3	C250	103	104.5	11.4	1.0	27.6	627.0	23
G2 Genetics	5X-903 [^]	HXT,RR2	P1250,V	103	104.2	11.4	1.0	26.1	625.2	24
Renze	2222-3000GT*	3000GT	C250	104	103.8	13.0	1.0	26.1	622.8	25
Kruger	K-6201VT3	VT3	P500,V	101	103.7	11.4	1.0	28.0	622.2	26
Stine	9523VT3*	VT3	C250	104	103.4	11.1	1.0	27.1	620.4	27
Fielders Choice	NG6514	STX	P250	98	103.3	11.6	1.0	30.0	619.8	28
Dairyland	ST-9303SSX	STX	C250	103	102.5	11.6	2.0	28.0	615.0	29
Kruger	K4-9100	VT3P	P500,V	100	101.7	10.9	1.0	27.6	610.2	30
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	86.2	12.2	4.7	27.6	517.2	45
Test Average =					104.8	11.6	1.4	28.1	628.5	
LSD (0.10) =					18.0	0.8	2.2			
C.V. =					12.6	4.9				



F.I.R.S.T. Manager

TEST COMMENTS: This area had wet conditions early and Lewis reported replanting 3 times in the field surrounding the plot. Planting was delayed for us when the no-till ground stayed saturated into June. Conditions dried out July and August. The lack of rainfall dramatically reduced yields. We had a good stand of corn but ears were small.

Lat: N43.55827, Long: W-98.09631

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]

Lewis Bainbridge, Davison County, SD 57334 [ETHAN]

FULL SEASON TEST
105 - 108 Day CRM

B1SDSE18b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Houdek-Stickney loam, well drained, no-till, non-irrigated
 SOIL CONDITIONS: Moderate P, high K, 6.2 pH, 2.9% OM
 PEST MANAGEMENT: Roundup, Force
 FERTILITY - Applied N: 110 Spring,
 Applied N-P-K (units): 110-30-0

30" ROW SPACING

 SEEDED - RATE: Jun 5 30,100 /A
 HARVESTED - STAND: Oct 28 28,500 /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
Dekalb	DKC55-09 GC	STX	P250	105	137.6	11.5	1.0	30.0	825.6	1
Kruger	K-7907	VT3P	P500,V	107	136.1	12.0	1.0	26.6	816.6	2
G2 Genetics	5H-905 [^]	HX,RR2	C250	105	134.5	11.5	1.0	26.6	807.0	3
Renk	RK818VT3P	VT3P	P250	108	124.8	11.7	1.0	29.5	748.8	4
Gold Country	107-17	VT3P	P250	107	124.3	12.5	1.0	27.1	745.8	5
G2 Genetics	5H-0601 [^]	HX,RR2	P1250,V	106	122.4	13.3	2.0	28.5	734.4	6
Heine	810VT3P	VT3P	P250	108	122.2	11.0	1.0	30.0	733.2	7
Stine	9531VT3Pro*	VT3P	C250	107	122.1	11.2	1.0	27.1	732.6	8
Stine	9529VT3Pro*	VT3P	C250	106	121.5	11.5	1.0	28.6	729.0	9
Kruger	K-6408VT3	VT3	P500,V	108	121.4	12.4	1.0	27.6	728.4	10
Mustang	6808	STX	P500,V	106	121.3	12.2	1.0	29.0	727.8	11
Renk	RK741VT3P	VT3P	P250	108	117.6	11.3	1.0	30.0	705.6	12
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	117.2	11.5	1.0	29.0	703.2	13
G2 Genetics	5H-0701 [^]	HX,RR2	C250	106	114.1	11.9	1.0	28.6	684.6	14
Dairyland	ST-9206SSX	STX	C250	106	111.4	12.0	1.0	30.0	668.4	15
Heine	751STX	STX	P250	106	110.7	11.4	1.0	29.5	664.2	16
Dairyland	ST-9308SSX	STX	C500,AV	108	109.8	12.3	1.0	30.5	658.8	17
Kruger	K4-9607	STX	P500,V	107	109.1	13.3	1.0	28.6	654.6	18
Producers	6944VT3	VT3	P500,V	108	109.0	11.3	1.0	28.5	654.0	19
Great Lakes	5643VT3PRO	VT3P	P500,V	106	106.5	10.9	1.0	28.0	639.0	20
G2 Genetics	5X-908 [^] *	HXT,RR2	C250	108	106.2	14.3	1.0	28.1	637.2	21
Mustang	6230	VT3	P500,V	105	103.6	11.9	1.0	29.0	621.6	22
Producers	6694VT3Pro	VT3P	P250	106	102.7	11.6	1.0	28.5	616.2	23
Wensman	W 6443RR	RR2	P250	105	101.1	11.6	2.0	28.1	606.6	24
Wensman	W 7473VT3	VT3	P250	109	101.0	10.6	1.0	29.0	606.0	25
Great Lakes	5770VT3PRO	VT3P	P500,V	107	98.2	11.9	1.0	29.0	589.2	26
LG Seeds	LG2544VT3	VT3	P500,V	108	95.6	10.6	1.0	27.1	573.6	28
Kruger	K4-9205	STX	P500,V	105	94.7	10.8	1.0	27.6	568.2	29
This and the row below are intentionally blank										
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	96.5	12.5	1.0	28.5	579.0	27
					Test Average =	113.8	11.8	1.1	28.5	682.8
					LSD (0.10) =	11.0	1.0	0.6		
					C.V. =	7.1	6.1			

TEST COMMENTS: This area had wet conditions early and Lewis reported replanting 3 times in the field surrounding the plot. Planting was delayed for us when the no-till ground stayed saturated into June. Conditions dried out July and August. The lack of rainfall dramatically reduced yields. We had a good stand of corn but ears were small.

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^{††} 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



Footnotes, Abbreviations, and Trademarks

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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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