

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

Floyd Snoozy, Minnehaha County, SD 57018 [COLTON]

EARLY SEASON TEST
99 - 104 Day CRM

B1SDSE15a

PREV. CROP/HERB: Soybean / Roundup, Lambda Star
 SOIL DESCRIPTION: Moody-Kranzenburg silty clay loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, mod. high K, 7.1 pH, 3.7% OM
 PEST MANAGEMENT: Roundup PowerMax, Laudis
 FERTILITY - Applied N: 120 Fall,
 Applied N-P-K (units): 120-50-0

30" ROW SPACING

SEEDED - RATE: May 6 30,100 /A
 HARVESTED - STAND: Oct 17 27,600 /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	219.0	15.4	1.0	27.6	1,309.6	2
G2 Genetics	5H-0101 [^]	HX,RR2	P1250,V	100	218.8	14.0	1.0	27.6	1,312.8	1
Gold Country	101-99	STX	P250	104	213.6	15.2	2.0	27.6	1,279.5	3
NuTech	5N-001*	3000GT	C250	100	209.8	14.5	1.0	27.6	1,258.8	4
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	207.1	13.8	2.0	28.1	1,242.6	5
Fielders Choice	NG6546	VT3	P250	100	206.5	13.7	1.0	25.6	1,239.0	6
Heine	741GT	GT	C250	106	206.5	17.1	2.0	26.6	1,217.3	8
Dekalb	DKC52-59 GC	VT3	P250	102	204.6	13.4	1.0	28.5	1,227.6	7
Great Lakes	5157G3VT3	VT3	P500,V	101	203.0	15.2	2.0	26.6	1,216.0	9
Renk	RK698VT3	VT3	P250	102	201.4	15.1	1.0	28.1	1,207.4	11
Renze	CX17104RR2*	RR2	P250	104	201.3	14.0	1.0	27.6	1,207.8	10
Renk	RK580VT3	VT3	P250	98	200.9	13.6	1.0	26.1	1,205.4	12
Kruger	K-6201VT3	VT3	P500,V	101	200.8	15.1	8.7	28.5	1,203.8	13
Rea	5T577	VT3	P250	101	198.9	13.3	2.0	27.1	1,193.4	14
Heine	745VT3P	VT3P	P250	104	198.7	14.0	1.0	28.1	1,192.2	15
Gold Country	103-09	VT3	P250	103	198.2	15.6	3.0	28.5	1,183.3	18
G2 Genetics	5X-903 [^]	HXT,RR2	P1250,V	103	198.1	14.8	1.0	27.1	1,188.6	16
Renze	1219VT3	VT3	C250	103	197.8	15.3	1.0	29.5	1,183.8	17
Mustang	4454	3000GT	P500,V	98	196.5	14.3	1.0	26.6	1,179.0	19
Mustang	6460	3000GT	P250	104	196.3	16.8	3.7	27.6	1,160.1	22
Producers	6044VT3	VT3	P250	100	195.9	15.3	2.0	26.1	1,172.5	20
G2 Genetics	5H-501 [^] *	HX,RR2	C250	101	195.2	14.5	2.0	27.1	1,171.2	21
Stine	9417VT3*	VT3	C250	100	191.9	14.0	2.0	28.5	1,151.4	23
Wensman	W 7392GT3	3000GT	P250	104	191.3	17.1	1.0	28.1	1,127.7	24
Renze	2222-3000GT*	3000GT	C250	104	189.0	16.9	4.0	24.2	1,116.0	26
NuTech	5N-102*	3000GT	C250	102	186.2	14.6	1.0	28.1	1,117.2	25
Renk	RK694GTCBLLRWBL 3111	C250	C250	104	185.8	15.2	1.0	25.2	1,112.9	27
Renze	2072-3000GT*	3000GT	C250	96	184.6	13.4	3.0	30.0	1,107.6	28
Wensman	W 7360VT3	VT3	P250	103	183.3	15.2	2.0	27.6	1,098.0	29
Gold Country	101-77	VT3	P250	101	182.3	14.2	3.7	28.1	1,093.8	30
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	174.0	15.4	1.0	27.1	1,040.5	37
Test Average =					187.0	14.8	2.9	27.6	1,118.7	
LSD (0.10) =					22.2	0.9	4.6			
C.V. =					8.7	4.4				

TEST COMMENTS: We started out well with timely planting and plenty of spring moisture. We had dry conditions in fall which really brought corn moistures down and helped make a good harvest. The crop stood really well and lodging was not a big problem at harvest.

A September 15 frost occurred. This plot turned out some good results despite the unusual season.

Lat: N43.83331, Long: W-96.91936

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]

Floyd Snoozy, Minnehaha County, SD 57018 [COLTON]

FULL SEASON TEST

105 - 108 Day CRM

B1SDSE15b

PREV. CROP/HERB: Soybean / Roundup, Lambda Star
 SOIL DESCRIPTION: Moody-Kranzenburg silty clay loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 7.1 pH, 3.7% OM
 PEST MANAGEMENT: Roundup PowerMax, Laudis
 FERTILITY - Applied N: 120 Fall,
 Applied N-P-K (units): 120-50-0

30" ROW SPACING

SEEDED - RATE: May 6 30,100 /A
 HARVESTED - STAND: Oct 17 27,500 /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
Heine	810VT3P	VT3P	P250	108	210.3	18.2	1.0	28.1	1,228.2	2
Renk	RK818VT3P	VT3P	P250	108	210.2	17.8	1.0	28.5	1,231.8	1
LG Seeds	LG2544VT3	VT3	P500,V	108	206.9	17.6	1.0	27.1	1,214.5	3
G2 Genetics	5H-0601 [^]	HX,RR2	P1250,V	106	206.7	17.8	1.0	27.1	1,211.3	4
Wensman	W 6443RR	RR2	P250	105	205.0	18.4	2.0	26.6	1,195.2	6
Renk	RK741VT3P	VT3P	P250	108	203.8	18.8	1.0	28.6	1,184.1	8
Great Lakes	5770VT3PRO	VT3P	P500,V	107	203.2	18.9	1.0	28.1	1,179.6	9
Stine	9529VT3Pro*	VT3P	C250	106	201.9	16.7	2.0	27.1	1,194.2	7
G2 Genetics	5H-905 [^]	HX,RR2	C250	105	200.9	15.9	1.0	29.0	1,196.4	5
Mustang	6808	STX	P500,V	106	199.4	20.9	1.0	24.7	1,137.6	14
Mustang	6230	VT3	P500,V	105	198.8	18.7	1.0	28.0	1,156.0	11
Producers	6694VT3Pro	VT3P	P250	106	196.8	18.0	1.0	30.5	1,151.3	12
Producers	6944VT3	VT3	P500,V	108	196.4	20.3	1.0	26.6	1,126.4	17
Stine	9531VT3Pro*	VT3P	C250	107	196.0	19.1	1.0	28.0	1,135.8	16
G2 Genetics	5H-0701 [^]	HX,RR2	C250	106	195.8	16.4	1.0	26.1	1,161.1	10
Kruger	K4-9607	STX	P500,V	107	195.8	17.9	1.0	27.1	1,146.4	13
G2 Genetics	5X-908 [^] *	HXT,RR2	C250	108	191.4	20.2	1.0	28.1	1,098.6	18
Kruger	K4-9205	STX	P500,V	105	191.2	16.0	2.0	29.0	1,137.6	15
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	184.5	18.4	1.0	26.6	1,075.6	21
Heine	751STX	STX	P250	106	184.1	21.2	1.0	27.6	1,047.5	23
Wensman	W 7473VT3	VT3	P250	109	183.8	17.1	1.0	27.6	1,083.5	20
Great Lakes	5643VT3PRO	VT3P	P500,V	106	183.5	15.5	1.0	27.6	1,096.4	19
Kruger	K-6408VT3	VT3	P500,V	108	172.5	17.3	3.0	24.7	1,015.2	24
Dairyland	ST-9206SSX	STX	C250	106	163.7	18.2	2.0	29.5	956.0	25
Dekalb	DKC55-09 GC	STX	P250	105	157.0	17.9	3.0	25.2	919.2	27
Kruger	K-7907	VT3P	P500,V	107	156.4	16.1	3.7	26.6	929.8	26
Gold Country	107-17	VT3P	P250	107	134.3	15.8	3.7	27.6	800.4	28
Dairyland	ST-9308SSX	STX	C500,AV	108	99.5	17.2	45.3	29.0	586.1	29
This and the row below are intentionally blank										
Golden Harvest	H-7949 3000GT CK	3000GT	C250	103	179.0	16.6	1.0	26.1	1,059.7	22
Test Average =					186.0	17.9	3.2	27.5	1,089.0	
LSD (0.10) =					17.7	1.5	5.8			
C.V. =					7.0	6.0				

TEST COMMENTS: We started out well with timely planting and plenty of spring moisture. We had dry conditions in fall which really brought corn moistures down and helped make a good harvest. The crop stood really well and lodging was not a big problem at harvest. A September 15 frost occurred. This plot turned out some good results despite the unusual season.

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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

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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 [®]

Trademarks

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