

2009 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
EARLY SEASON TEST

Lewis Bainbridge, Davison County, SD 57334 [ETHAN]

99 - 104 Day CRM

PREV. CROP/HERB: Soybean / Roundup B9SDSE15a
 SOIL DESCRIPTION: Clarno-Houdek loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: moderate P, high K, 6.2 pH, 2.9% OM
 PEST MANAGEMENT: Roundup, Force 30" ROW SPACING
 FERTILITY - Applied N: 135 Spring,
 Applied N-P-K (units): 135-60-0
 SEEDING - RATE: May 8 28,000 /A **TOP 30 OF 54 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 10 27,100 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Mustang	5307VT3	YGVT3	P250	191.9	19.7	0.7	26.5	\$622.0	1
NuTech Seed	3T-603	YGVT3	C250	186.1	21.4	0.3	26.5	\$585.8	5
Channel	200-22VT3	YGVT3	P250	185.5	19.7	0.3	27.0	\$601.3	3
Prairie Brand	X9103VT3	YGVT3	P250	183.9	22.8	0.3	27.9	\$564.8	16
AgSource	3T-904	YGVT3	P250	180.7	20.3	0.7	27.9	\$579.8	7
Dahlco	DS-8041	CB, LL, GT	P250	180.0	18.6	0.0	26.0	\$594.4	4
G2 Genetics	5X-802	HXT, RR2	C250	179.9	21.4	0.3	27.0	\$566.3	14
Renze	1079VT3	YGVT3	P250	179.2	17.6	1.3	26.5	\$601.6	2
Gold Country	102-04VT3	YGVT3	P250	178.9	20.9	0.3	27.4	\$568.1	13
Wensman	W7309VT3	YGVT3	P250	178.4	20.2	0.7	27.9	\$573.4	10
NuTech Seed	3T-106A	YGVT3	P250	178.1	22.9	0.7	29.8	\$546.0	22
Channel	199-55VT3	YGVT3	C250	177.5	19.2	1.7	26.5	\$580.2	6
Prairie Brand	X9102VT3	YGVT3	P250	177.0	19.2	0.7	27.9	\$578.6	9
AgSource	5B-804	CB, LL, GT	C250	176.4	19.7	0.7	25.6	\$571.8	12
AgSource	3T-401	YGVT3	C250	174.7	20.3	0.7	28.8	\$560.5	17
Great Lakes	5416G3VT3*	YGVT3	P250	172.3	22.3	0.0	29.8	\$533.9	29
Kruger	K-6200VT3*	YGVT3	P250	171.5	18.0	0.3	27.4	\$572.0	11
G2 Genetics	5H-501	HX1, RR2	C250	171.0	20.4	0.3	25.6	\$547.7	20
Dairyland	9799	YGVT3	P250	170.8	18.4	0.3	27.9	\$565.9	15
King Seed	6800GTCBLL	CB, LL, GT	P250	170.1	20.4	0.7	27.0	\$544.8	23
Kruger	K-6102VT3*	YGVT3	C250	169.6	20.5	0.3	27.9	\$542.3	24
Pannar	6D-409VT3	YGVT3	C250	168.2	20.3	0.0	28.4	\$539.7	25
Pannar	5D-303VT3	YGVT3	C250	167.4	19.2	0.3	31.6	\$547.2	21
Gold Country	100-09VT3	YGVT3	P250	166.2	17.8	0.3	28.8	\$556.1	18
Titan Pro	87A99GL	3KGT	C250	166.0	18.5	0.0	28.8	\$549.0	19
Mustang	4322VT3	YGVT3	P250	165.7	19.7	0.3	30.7	\$537.1	27
Mustang	5387VT3	YGVT3	P250	164.8	21.1	0.3	27.9	\$521.5	30
Wensman	W7273VT3	YGVT3	P250	162.4	18.8	0.0	28.8	\$534.5	28
Mycogen	2Y547	YGVT3	C250	162.1	20.2	0.3	27.4	\$521.0	31
Rea Hybrids	5T750*	YGVT3	P250	161.2	18.0	1.7	27.4	\$537.6	26
Dekalb	DKC52-59 CK	YGVT3	P250	175.7	18.7	0.7	24.2	\$579.2	8
Test Average =				163.5	20.6	0.6	27.1	\$522.9	
LSD (0.10) =				19.8	1.7	1.2			
C.V. =				8.9	6.1				


 F.I.R.S.T. Manager

TEST COMMENTS: *Heavy rains and cool weather in June slowed the growth of the corn crop. All low spots in this field had water damaged corn increasing yield variability. Corn moistures here have started to fall with some good drying days. Saw very little mold on the kernels which has been common in other plots.*

Lat: N43.55697, Long: W98.10488

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.055 Price = \$3.50

[†] **TECHNOLOGY:** Corn Borer - 3KGT, CB, HX1, HXT, YGCB, YGPL, YGVT3; Corn Rootworm - 3KGT, HXT, RW, YGPL, YGRW, YGVT2, YGVT3; Clearfield - CL; Glyphosate - 3KGT, GT, RR2, YGVT2, YGVT3; Liberty - 3KGT, HX1, HXT, LL

^{††} **IST:** C250, C1250 - Cruiser @ 0.25 and 1.25 g ai/seed. P250, P500, and P1250 - Poncho @ 0.25, 0.5 and 1.25 g ai/seed.

 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. * = brands without a seed lot number ^ = discontinued brand.



F.I.R.S.T.[®]

Farmer's Independent Research
of Seed Technologies

IMQ, LLC.
14870 240th Ave.
New Richland, MN 56072

(507) 380-9920
imq@myclearwave.net

2009 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]

Lewis Bainbridge, Davison County, SD 57334 [ETHAN]

FULL SEASON TEST

105 - 108 Day CRM

B9SDSE15b

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Clarno-Houdek loam, mod. 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: 135 Spring,
Applied N-P-K (units): 135-60-0

30" ROW SPACING

SEEDED - RATE: May 8 28,000 /A
HARVESTED - STAND: Nov 10 28,400 /A

TOP 30 OF 42 BRANDS FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (2) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Prairie Brand	1059VT3	YGVT3	P250	195.6	21.1	0.5	32.8	\$619.4	2
Prairie Brand	1087VT3	YGVT3	P250	193.9	23.4	0.5	30.0	\$589.6	7
Kruger	K-6208VT3*	YGVT3	C250	191.6	22.4	2.5	32.8	\$592.5	5
Wensman	W7433VT3	YGVT3	P250	188.6	21.3	0.0	28.6	\$595.3	3
NuTech Seed	3T-408	YGVT3	C250	188.4	23.7	1.0	30.0	\$569.8	10
Gold Country	107-01CBRCRW	YGPL, RR2	P250	186.7	21.2	2.5	30.7	\$590.2	6
Mustang	6317VT3*	YGVT3	P250	185.5	21.7	1.0	28.6	\$580.9	8
Prairie Brand	X9105HXT-RR*	HXT, RR2	P250	183.7	22.8	2.5	27.2	\$564.6	11
LG Seeds	LG2547VT3*	YGVT3	P250	183.1	23.6	1.0	28.6	\$554.7	15
NuTech Seed	3T-308*	YGVT3	P250	183.0	21.9	2.0	27.2	\$571.5	9
Renze	1219RR2	RR2	P250	182.7	19.7	0.5	27.9	\$592.8	4
Dairyland	9206Q	HXT, RR2	P250	180.5	23.0	0.5	25.8	\$552.8	16
Renze	2240HXT/LL/RR2	HXT, RR2	C250	179.9	22.4	0.5	28.6	\$556.9	13
Mycogen	2W587	HXT, RR2	C250	177.6	22.1	1.0	24.4	\$552.7	17
AgSource	5X-805	HXT, RR2	C250	177.5	21.7	2.5	29.3	\$555.8	14
Fielders Choice	NG6696	RR2	P250	174.5	23.1	0.0	33.5	\$532.9	19
Producers	6634VT3	YGVT3	P250	174.0	22.3	1.0	26.5	\$539.6	18
G2 Genetics	5H-905	HX1, RR2	C250	173.4	20.0	1.0	25.6	\$559.8	12
NuTech Seed	3T-409	YGVT3	C250	172.5	24.6	0.5	29.3	\$513.0	24
Heine	815VT3*	YGVT3	P250	172.1	22.6	0.0	27.9	\$530.3	20
Mycogen	X29562	HXT, RR2	C250	171.0	23.3	0.0	26.0	\$520.4	22
Mycogen	2G611	YGVT3	C250	169.8	22.6	0.0	25.8	\$523.8	21
AgSource	3T-708	YGVT3	C250	169.3	25.6	2.0	27.2	\$494.2	31
AgSource	5X-909A*	HXT, RR2	C250	168.7	23.8	0.5	27.9	\$508.7	26
Wensman	W7469VT3	YGVT3	P250	166.9	23.8	5.0	27.9	\$503.2	27
Dahlco	DS-7081*	YGVT3	P250	165.7	22.5	0.0	29.3	\$511.6	25
Gold Country	105-05VT3	YGVT3	P250	164.7	23.3	0.5	30.0	\$501.7	28
Producers	6834VT3*	YGVT3	P250	164.7	23.9	0.0	25.1	\$496.2	30
Renze	1199VT3	YGVT3	P250	163.2	21.2	1.0	28.6	\$515.9	23
Fielders Choice	EXP709VT3	YGVT3	P250	157.2	20.9	1.0	29.3	\$499.1	29
Dekalb	DKC52-59 CK	YGVT3	P250	194.2	18.9	0.0	28.6	\$638.1	1
				Test Average =	170.5	22.9	1.3	28.4	\$523.6
				LSD (0.10) =	22.8	2.1	2.6		
				C.V. =	7.9	5.3			

Mark Querna
F.I.R.S.T. Manager

TEST COMMENTS: Heavy rains and cool weather in June slowed the growth of the corn crop. All low spots in this field had water damaged corn and increasing yield variability (1 rep lost in this test). Corn moistures here have started to fall with some good drying days. Saw very little kernel mold which has been common in other plots. Lat: N43.55697, Long: W98.10488

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.055 Price = \$3.50

[†] TECHNOLOGY: Corn Borer - 3KGT, CB, HX1, HXT, YGCB, YGPL, YGVT3; Corn Rootworm - 3KGT, HXT, RW, YGPL, YGRW, YGVT2, YGVT3; Clearfield - CL; Glyphosate - 3KGT, GT, RR2, YGVT2, YGVT3; Liberty - 3KGT, HX1, HXT, LL

^{††} IST: C250, C1250 - Cruiser @ 0.25 and 1.25 g ai/seed. P250, P500, and P1250 - Poncho @ 0.25, 0.5 and 1.25 g ai/seed.

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. * = brands without a seed lot number ^ = discontinued brand.