

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

Ernie Christensen, McCook County, SD 57048 [SALEM]

99 - 104 Day CRM

PREV. CROP/HERB: Soybean / Valor, Python B9SDSE13a
 SOIL DESCRIPTION: Clarno-Houdek loam, mod. poor drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: mod. high P, mod. high K, 7.2 pH, 3.8% OM
 PEST MANAGEMENT: Harness Xtra, Roundup, Force 30" ROW SPACING
 FERTILITY - Applied N: 100 Fall, 54 Spring,
 Applied N-P-K (units): 154-70-60
 SEEDING - RATE: May 7 31,100 /A **TOP 30 OF 54 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 8 29,500 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Fielders Choice	NG6565	YGVT3	P250	213.2	24.2	0.0	32.5	\$638.3	2
Kruger	K-6102VT3*	YGVT3	C250	212.6	22.5	0.0	30.7	\$656.4	1
NuTech Seed	3T-706A	YGVT3	P250	206.3	26.5	0.0	30.7	\$591.6	24
AgSource	3T-401	YGVT3	C250	206.0	24.8	0.0	28.8	\$610.0	11
Producers	6374VT3	YGVT3	P250	206.0	25.6	0.0	32.1	\$600.9	17
Pannar	X0902-06VT3	YGVT3	P250	204.9	25.9	0.0	28.4	\$594.3	21
Mycogen	2Y547	YGVT3	C250	204.7	23.7	0.3	29.8	\$618.5	7
Channel	199-55VT3	YGVT3	C250	204.5	23.7	0.3	27.9	\$617.9	8
Mycogen	2D503	YGVT3	P250	202.3	24.5	0.0	30.7	\$602.3	15
Dairyland	9799	YGVT3	P250	202.2	23.3	0.0	32.1	\$615.4	9
Mustang	5307VT3	YGVT3	P250	201.6	24.3	0.0	29.8	\$602.5	14
Pannar	5D-303VT3	YGVT3	C250	201.3	21.9	0.3	30.2	\$628.2	4
Kruger	K-6401VT3	YGVT3	C250	201.2	26.2	0.0	28.8	\$580.3	28
Wensman	W7360VT3	YGVT3	P250	201.2	26.5	0.0	28.4	\$576.9	31
Fielders Choice	NG6583	YGVT3	P250	200.8	23.9	0.0	27.9	\$604.5	13
Dahlco	DS-8041	CB, LL, GT	P250	200.5	21.9	0.0	32.5	\$625.7	5
Renze	1079VT3	YGVT3	P250	200.2	24.0	0.0	31.6	\$601.6	16
Kruger	K-6200VT3*	YGVT3	P250	199.4	21.9	0.0	30.2	\$622.2	6
Gold Country	101-01VT3	YGVT3	P250	198.3	23.6	0.3	31.6	\$600.3	18
Heine	742VT3*	YGVT3	P250	198.0	25.0	0.0	31.2	\$584.1	27
Gold Country	100-09VT3	YGVT3	P250	197.7	22.2	0.0	29.3	\$613.7	10
Pannar	6D-409VT3	YGVT3	C250	196.4	23.8	0.0	31.6	\$592.3	23
Prairie Brand	X9102VT3	YGVT3	P250	196.3	23.5	0.0	29.8	\$595.3	20
Rea Hybrids	5T750*	YGVT3	P250	195.6	22.0	0.0	30.7	\$609.3	12
Wensman	W7273VT3	YGVT3	P250	195.4	22.9	0.0	29.8	\$599.0	19
AgSource	3T-904	YGVT3	P250	195.3	24.9	0.0	26.0	\$577.2	30
Gold Country	102-04VT3	YGVT3	P250	195.2	24.7	0.0	29.8	\$579.1	29
Wensman	W7309VT3	YGVT3	P250	194.1	23.5	0.0	32.6	\$588.6	26
Stine	9418VT3	YGVT3	P250	191.3	22.2	0.0	29.7	\$593.8	22
Titan Pro	87A99GL	3KGT	C250	190.1	22.2	1.7	32.1	\$590.1	25
Dekalb	DKC52-59 CK	YGVT3	P250	204.3	21.9	0.0	29.3	\$637.5	3
Test Average =				194.9	24.7	0.2	29.5	\$578.6	
LSD (0.10) =				12.4	1.4	0.9			
C.V. =				4.7	4.1				

TEST COMMENTS: *Corn moistures here are higher than what is normal for this area. Some mold on the outside of the kernels, especially in the wetter corn. Ernie had a nice stand of corn here with almost no lodging. The average corn yield at this site has been around 190 bushels per acre.*

Lat: N43.83752, Long: W97.23823

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]

FULL SEASON TEST

Ernie Christensen, McCook County, SD 57048 [SALEM]

105 - 108 Day CRM

B9SDSE13b

PREV. CROP/HERB: Soybean / Valor, Python
SOIL DESCRIPTION: Clarno-Houdek loam, mod. poor drained, minimum w/o fall till, non-irrigated
SOIL CONDITIONS: mod. high P, mod. high K, 7.2 pH, 3.8% OM
PEST MANAGEMENT: Harness Xtra, Roundup, Force
FERTILITY - Applied N: 100 Fall, 54 Spring,
Applied N-P-K (units): 154-70-60

30" ROW SPACING

SEEDED - RATE: May 7 31,100 /A
HARVESTED - STAND: Nov 8 29,900 /A

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

AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Producers	6634VT3	YGVT3	P250	212.5	29.0	0.0	33.0	\$580.1	3
Mycogen	2G611	YGVT3	C250	205.9	28.8	0.3	33.0	\$564.4	5
Wensman	W7433VT3	YGVT3	P250	205.3	28.3	0.0	30.2	\$568.4	4
Renze	1219RR2	RR2	P250	203.9	25.5	0.0	30.2	\$595.9	2
Fielders Choice	EXP709VT3	YGVT3	P250	201.0	29.8	0.0	30.7	\$539.9	7
Heine	810VT3*	YGVT3	P250	198.9	32.2	0.0	30.2	\$508.0	17
Prairie Brand	1059VT3	YGVT3	P250	198.2	29.0	0.0	30.7	\$541.1	6
Kruger	K-6408VT3	YGVT3	P250	197.6	30.1	4.0	32.1	\$527.5	11
G2 Genetics	5H-905	HX1, RR2	C250	197.2	29.0	0.0	31.2	\$538.4	8
NuTech Seed	3T-308*	YGVT3	P250	196.4	30.4	0.0	28.4	\$521.0	14
Gold Country	107-01CBRCRW	YGPL, RR2	P250	196.3	30.3	0.0	29.3	\$521.9	12
Kruger	K-6208VT3*	YGVT3	C250	193.8	30.2	0.0	29.3	\$516.3	15
NuTech Seed	3T-408	YGVT3	C250	192.7	31.1	0.0	28.4	\$503.8	19
Fielders Choice	NG6696	RR2	P250	192.7	31.0	0.3	31.2	\$504.9	18
Renze	2240HXT/LL/RR2	HXT, RR2	C250	192.7	28.2	0.0	32.1	\$534.5	10
Gold Country	105-05VT3	YGVT3	P250	190.6	30.0	0.0	30.7	\$509.9	16
Renze	1199VT3	YGVT3	P250	190.0	27.4	2.7	30.2	\$535.4	9
Wensman	W7455VT3	YGVT3	P250	189.5	32.0	0.0	29.3	\$486.1	24
Channel	208-72VT3	YGVT3	P250	188.5	32.2	0.0	30.7	\$481.4	25
LG Seeds	LG2547VT3*	YGVT3	P250	186.6	31.9	0.0	29.3	\$479.7	26
AgSource	5X-909A*	HXT, RR2	C250	186.6	29.7	0.0	30.2	\$502.2	20
Prairie Brand	1087VT3	YGVT3	P250	186.1	30.6	0.3	29.8	\$491.7	21
Kruger	K-6205VT3*	YGVT3	P250	185.3	27.5	0.3	33.0	\$521.2	13
Dahlco	DS-7081*	YGVT3	P250	184.9	30.5	0.3	29.8	\$489.5	22
Great Lakes	5506G3VT3	YGVT3	P250	183.1	30.2	1.7	29.8	\$487.8	23
Mustang	6317VT3*	YGVT3	P250	180.6	30.9	0.7	29.8	\$474.2	30
Mycogen	2W587	HXT, RR2	C250	180.0	30.7	1.7	29.3	\$474.6	29
Mycogen	X29562	HXT, RR2	C250	178.4	29.8	0.7	30.2	\$479.2	27
AgSource	5X-805	HXT, RR2	C250	176.0	29.3	0.0	27.0	\$477.6	28
Prairie Brand	X9105HXT-RR*	HXT, RR2	P250	173.3	29.0	0.3	27.0	\$473.1	31
Dekalb	DKC52-59 CK	YGVT3	P250	204.1	23.4	0.0	30.2	\$620.1	1
				Test Average =	188.1	30.4	0.3	29.9	\$500.0
				LSD (0.10) =	11.3	1.6	0.9		
				C.V. =	4.4	4.0			

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

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^{††} 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.