

**2008 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]**

Craig Lukes, Minnehaha County, Humboldt, SD

[HUMBOLDT]

**EARLY SEASON TEST**

99-104 Day Corn

B8SDSE11a

**SOIL CONDITIONS:** Silty clay loam, 0-3 % slope, 2.9 % o.m.  
 7.2 pH, Medium P and K, Minimum Tillage

**PREVIOUS CROP/HERB:** Roundup

**FERTILITY PROGRAM:** 130-60-30

**PEST MANAGEMENT:** Break Free and Atrazine

**PLANTED - SEEDING:** May 28 - 32,000 seed/A

**TOP 30 OF 54 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)**
**HARVESTED - STAND:** Oct. 28 - 25,000 plants/A

**AVERAGE of (3) REPLICATIONS**

COMPANY	HYBRID	TECHNOLOGY <sup>†</sup>	IST <sup>††</sup>	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME
Gold Country	98-10VT3	YGVT3	P250	227.9	19.9	6.0	26.9	\$1,186.3
Fontanelle	4T722	YGVT3	P250	226.5	20.3	0.3	25.8	\$1,173.2
Great Lakes	5416G3VT3	YGVT3	P250	222.4	23.7	7.3	25.5	\$1,107.5
Stine	9417VT3	YGVT3	P250	221.7	19.5	0.0	23.8	\$1,160.1
Pannar	6D-409VT3	YGVT3	C250	220.7	22.8	3.7	24.9	\$1,111.1
Crows	2155VT3	YGVT3	C250	219.9	24.9	2.7	26.3	\$1,078.4
Rea Hybrids	5T128	YGVT3	P250	219.6	21.5	5.7	26.6	\$1,122.5
Midwest Seed	72116VT3	YGVT3	C250	217.2	23.8	5.7	26.1	\$1,080.5
Prairie Brand	1038VT3	YGVT3	P250	217.2	21.1	5.7	24.9	\$1,114.7
Gold Country	102-04VT3	YGVT3	P250	216.7	22.5	11.0	23.5	\$1,094.6
Rea Hybrids	5T750	YGVT3	P250	216.5	20.2	8.3	25.8	\$1,123.2
Midwest Seed	69805VT3	YGVT3	C250	216.3	20.1	9.0	25.1	\$1,123.7
Rea Hybrids	5T429	YGVT3	P250	213.5	22.3	5.7	24.9	\$1,080.8
Stine	9418VT3	YGVT3	P250	212.2	21.8	9.7	25.7	\$1,081.1
Crows	1835VT3	YGVT3	C250	211.1	20.5	9.0	27.2	\$1,091.1
King Seed	6800GTCBLL	CB, LL, GT	C250	211.0	24.7	3.3	24.8	\$1,038.1
Kruger	K-6102VT3	YGVT3	C250	210.8	19.1	12.7	26.4	\$1,107.4
Fielders Choice	NG6583	YGVT3	P250	210.0	22.7	9.0	22.6	\$1,057.8
Kruger	K-6499VT3	YGVT3	C250	208.7	19.6	6.3	26.3	\$1,089.8
Renk	RK670VT3	YGVT3	P250	208.5	22.4	4.3	25.2	\$1,054.3
Wensman	W7289VT3	YGVT3	P250	204.9	21.2	8.3	24.8	\$1,050.6
NC+ Hybrids	2227VT3	YGVT3	C250	204.8	23.1	0.3	24.9	\$1,026.5
Kruger	K-6401VT3	YGVT3	C250	204.2	22.5	4.7	23.8	\$1,031.1
Fontanelle	5T750	YGVT3	P250	203.1	19.8	0.7	23.5	\$1,058.3
Mustang	5305VT3	YGVT3	P250	202.6	20.3	1.3	26.0	\$1,049.6
NC+ Hybrids	1887VT3	YGVT3	C250	202.0	21.0	0.7	25.5	\$1,038.5
Fontanelle	5T128	YGVT3	P250	200.9	21.8	5.7	24.0	\$1,023.0
Pannar	5E-801VT3	YGVT3	C250	200.9	20.1	3.0	25.8	\$1,042.9
Circle Seed	CS-6400TS	YGPL, RR2	C250	199.3	21.3	5.7	26.4	\$1,021.4
AgSource	3T-098AVT3	YGVT3	C250	198.0	19.1	6.3	24.1	\$1,039.7
<b>Pioneer</b>	<b>35F40 CK</b>	<b>HX1, RR2</b>	<b>P250</b>	<b>188.3</b>	<b>26.4</b>	<b>8.7</b>	<b>23.4</b>	<b>\$907.1</b>
Test Average =				<b>200.4</b>	<b>22.2</b>	<b>5.9</b>	<b>25.0</b>	<b>\$1,016.5</b>
Isd(.10) =				20.8	2.8	9.4		
C.V. =				7.6	9.4			

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.50

<sup>†</sup> RESISTANCE TECHNOLOGY: **Corn Borer** - CB, HX1, HXT, YGCB, YGPL, YGVT3; **Corn Rootworm** - HXT, RW, YGPL, YGRW, YGVT2, YGVT3; **Clearfield** - CL; **Glyphosate** - GT, RR2, YGVT2, YGVT3; **Liberty** - HX1, HXT, LL

<sup>††</sup> IST: **C250, C1250** - Cruiser @ 0.250 and 1.250 g ai/seed. **P250 and P1250** - Poncho @ 0.250 and 1.250 g ai/seed.

→ identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

\* indicates seed tested from lots not commercially available at planting. Hybrids in italics exceed the grain moisture limit for this test.

**FIELD NOTES:** Soils at planting were fully charged with moisture. Rains continued into June, then became less dependable. Cooler than normal temperatures all season kept the corn from growing too fast. Stalk lodging was caused mostly by high winds on October 26. The warmer days of September helped to give this corn a top-end finish here.

 A list of all the hybrids in this test is available at [www.firstseedtests.com](http://www.firstseedtests.com)

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[HUMBOLDT]

**LATE SEASON TEST**

105-108 Day CRM

B8SDSE11b

 SOIL CONDITIONS: Silty clay loam, 0-3 % slope, 2.9 % o.m.  
 7.2 pH, Medium P and K, Minimum Tillage

PREVIOUS CROP/HERB: Roundup

FERTILITY PROGRAM: 130-60-30

PEST MANAGEMENT: Break Free and Atrazine

PLANTED - SEEDING: May 28 - 32,000 seed/A

TOP 30 OF 45 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct. 28 - 24,600 plants/A

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY <sup>†</sup>	IST <sup>††</sup>	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME
DeKalb	DKC52-43	YGVT3	P250	224.4	19.4	0.3	25.2	\$1,174.4
DeKalb	DKC53-06	YGPL, RR2	P250	218.1	22.6	2.7	26.7	\$1,100.5
Fielders Choice	NG6691	RR2	P250	214.7	24.9	0.0	27.5	\$1,053.3
NC+ Hybrids	3613VT3	YGVT3	C250	212.6	24.9	13.7	25.4	\$1,042.8
Producers	6634VT3	YGVT3	P250	210.6	24.6	7.3	25.4	\$1,036.6
Gold Country	107-01CBRCRW	YGPL, RR2	P250	209.5	26.1	11.3	22.9	\$1,013.1
Wensman	W7433VT3	YGVT3	P250	209.4	22.9	4.0	24.9	\$1,052.3
Crows	3848VT3	YGVT3	C250	209.1	23.4	8.3	26.7	\$1,045.1
DeKalb	DKC52-59	YGVT3	P250	206.5	22.8	0.3	24.0	\$1,038.7
Wensman	W7455VT3	YGVT3	P250	204.4	27.5	6.0	26.0	\$971.0
G2 Genetics	5H-506	HX1, RR2	P250	204.2	29.0	1.7	25.7	\$951.8
Fielders Choice	NG6676	YGVT3	P250	202.0	30.6	3.3	24.6	\$922.0
Fontanelle	6T226	YGVT3	P250	201.5	25.6	1.3	26.3	\$979.8
Pannar	7B-880VT3	YGVT3	C250	201.1	21.3	1.3	24.9	\$1,029.7
MSN	MSN107-CBRW	CB, RW, LL	P250	199.9	26.1	7.3	23.1	\$966.9
Crows	4726Y	YGPL	C250	199.1	27.8	3.0	25.5	\$942.4
Brownseed	3T-409VT3	YGVT3	C250	197.5	25.2	3.0	24.9	\$965.6
Midwest Seed	76126VT3	YGVT3	C250	197.1	23.8	1.7	21.9	\$979.7
NuTech Seed	3T-809VT3	YGVT3	P250	197.1	24.4	1.3	24.3	\$972.7
Great Lakes	4951BiRR	YGCB, RR2	P250	195.5	20.9	0.3	23.4	\$1,006.0
MSN	DT105LB	CB, LL	P250	195.5	24.9	2.7	25.8	\$959.0
Brownseed	0C-404BYGCB	YGCB	P250	194.9	22.3	5.3	24.6	\$987.2
Farm Advantage	5406	HX1	C250	193.8	22.4	1.7	23.5	\$979.3
NuTech Seed	3T-208VT3	YGVT3	P250	193.1	28.2	6.7	27.7	\$908.9
Fielders Choice	NG6686	YGVT3	P250	192.1	22.9	0.7	23.8	\$966.1
Kruger	K-6007TS	YGPL, RR2	C250	191.6	24.4	7.3	26.1	\$946.2
Renk	RK760RRYGCB	YGCB, RR2	P250	190.0	25.3	2.7	25.4	\$927.2
Kruger	K-6606VT3	YGVT3	C250	186.2	24.5	2.7	26.4	\$918.0
Brownseed	3C-408RR/YGCB	YGCB, RR2	P250	185.4	25.7	2.7	19.9	\$900.3
Kruger	K-6006VT3	YGVT3	C250	185.1	21.5	3.0	24.3	\$946.4
Pioneer	35F40 CK	HX1, RR2	P250	185.6	27.3	1.7	24.8	\$883.7
Test Average =				194.4	26.0	3.8	24.6	\$941.6
lsd(.10) =				23.7	4.6	5.7		
C.V. =				8.9	12.9			

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.50

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