F.I.R.S.T.®
Farmer's Independent Research of Seed Technologies

F.I.R.S.T. WCB, LLC
14870 240th Ave.
New Richland, MN 56072
(507) 380-9920
mark@firstseedtests.com

2008 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]

EARLY SEASON TEST
91-96 Day CRM

Jesse Monnens, Clark County, Hazel, SD [HAZEL]

B8SDNE05a

SOIL CONDITIONS: Silty loam, 2-6% slope, 2.3% o.m.
5.9 pH, high P and K, conventional Tillage

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 140-60-0

PEST MANAGEMENT: Callisto/Atrazine post
Force with planter

PLANTED - SEEDING: May 19 - 30,600

HARVESTED - STAND:

TOP **30** OF **53** HYBRIDS FOR **GROSS INCOME** (SORTED BY YIELD)

AVERAGE of (**3**) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY†	IST††	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME

The early season test was lost due to excessive water standing on a good portion of the testing area. Some hybrids did not put on ears, while other hybrids were short and non-competitive. There was not enough data to formulate a reliable test.

The late season test did turn out well, and is presented below.

Test Average =
lsd(.10) =
C.V. =

F.I.R.S.T. Manager

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

† 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

†† 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: This site was planted into a fully charged soil profile, and early plant growth was delayed by the continued wet and cool weather. The A test was located in an area where excessive moisture could not drain as easily. This test is not shown because the data is not reliable, and some hybrids could not put on ears due to excessive early water stress.

A list of all the hybrids in this test is available at **www.firstseedtests.com**

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2008 BETTER HYBRIDS Harvest Report for South Dakota North East [SDNE]

LATE SEASON TEST
97-100 Day CRM

Jesse Monnens, Clark County, Hazel, SD [HAZEL]

B8SDNE05b

SOIL CONDITIONS: Silty loam, 2-6% slope, 2.3% o.m.
5.9 pH, high P and K, conventional Tillage

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 140-60-0

PEST MANAGEMENT: Callisto/Atrazine post
Force with planter

PLANTED - SEEDING: May 19 - 30,600

HARVESTED - STAND: Nov. 5 - 25,500 ppa

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

AVERAGE of (**3**) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY†	IST††	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
NC+ Hybrids	1887VT3	YGVT3	C250	213.7	21.7	3.0	26.2	$1,089.2
Kruger	K-6499VT3	YGVT3	C250	210.9	22.1	22.3	25.5	$1,070.7
Gold Country	100-07VT3	YGVT3	P250	210.7	20.8	13.7	24.0	$1,085.5
Fielders Choice	NG6541	RR2	P250	209.3	20.7	3.0	25.5	$1,079.0
Rea Hybrids	5T750	YGVT3	P250	206.6	20.5	3.7	25.9	$1,068.0
NuTech Seed	3T-500VT3	YGVT3	P250	205.5	22.1	8.7	24.1	$1,042.9
NuTech Seed	3C-300RR/YGCB	YGCB, RR2	P250	203.4	22.3	23.0	25.9	$1,029.7
Producers	6054VT3	YGVT3	P250	201.9	21.7	21.7	25.9	$1,029.5
Stine	9417VT3	YGVT3	P250	199.3	22.0	4.7	25.3	$1,012.6
King Seed	6111CBLLRW	CB, RW, LL	C250	198.4	20.5	4.0	26.4	$1,025.5
DeKalb	DKC51-39	YGPL, RR2	P250	198.1	21.3	3.0	25.3	$1,014.8
DeKalb	DKC50-48	YGCB, RR2	P250	197.0	22.0	7.3	24.6	$1,001.3
Wensman	W7273VT3	YGVT3	P250	197.0	19.7	13.7	27.3	$1,028.1
Gold Country	102-04VT3	YGVT3	P250	196.4	23.7	34.7	25.9	$977.4
Mustang	4328VT3	YGVT3	P250	195.8	20.1	27.7	24.4	$1,016.9
Stine	9418VT3	YGVT3	P250	195.8	21.1	7.3	26.4	$1,004.7
Kruger	K-6097VT3	YGVT3	C250	195.6	18.8	35.0	29.0	$1,031.4
Crows	1835VT3	YGVT3	C250	195.6	21.2	7.3	26.4	$1,003.5
Wensman	W7289VT3	YGVT3	P250	194.2	22.6	25.7	26.2	$978.9
Producers	5734VT3	YGVT3	P250	194.0	20.0	9.7	25.0	$1,009.2
AgVenture	R5677VBW	YGVT3	P250	192.0	22.6	8.0	22.8	$968.0
Wensman	W7309VT3	YGVT3	P250	191.2	22.6	11.7	25.0	$964.5
AgSource	3T-799VT3	YGVT3	C250	190.9	22.0	9.7	24.1	$970.0
Pannar	5D-303VT3	YGVT3	C250	189.4	19.8	12.7	27.3	$987.3
NuTech Seed	3W-403ARR/YGRW	YGRW, RR2	P250	188.5	21.7	14.7	25.5	$961.4
Midwest Seed	69805VT3	YGVT3	C250	187.9	20.2	15.0	26.8	$975.2
Kruger	K-6298VT3	YGVT3	C250	186.1	19.0	28.7	28.6	$979.5
NC+ Hybrids	1775VT3	YGVT3	C250	185.6	19.0	7.0	23.7	$976.0
AgSource	3T-098AVT3	YGVT3	C250	184.6	20.3	7.0	22.8	$956.6
Dahlco	8001	CB, LL, GT	P250	183.0	20.1	19.0	25.0	$950.1
→ Pioneer	37Y14 CK	HX1, RR2	P250	178.2	21.1	13.7	22.8	$915.2
		Test Average =		**189.7**	**20.8**	**14.2**	**25.5**	**$977.5**
		lsd(.10) =		19.4	1.6	19.5		
		C.V. =		7.5	5.7			

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

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

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→ 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: This site was planted into a fully charged soil profile, and early plant growth was delayed by the continued wet and cool weather. Crop development was slow, and the corn was two weeks behind normal maturity. Jesse had just started harvesting his corn due to wet weather preventing his custom soybean harvest, but he said his corn looked to be a great crop.

A list of all the hybrids in this test is available at **www.firstseedtests.com**