

2008 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]

Mark Hernke, Goodhue County, Cannon Falls, MN [CANNON FALLS]

EARLY SEASON TEST
95-100 Day CRM
SOIL CONDITIONS: Port Byron-Joy silty clay loam, 3% slope, well drained, 3.0% o.m., pH 6.9
 Very high P and K, fall ripped, spring field cultivate (2 passes)

B8MNSE16a

PREVIOUS CROP/HERB: Continuous Corn / Outlook, Callisto, Atrazine

FERTILITY PROGRAM: 5 tons/A turkey manure (180 lbs/A N equivalent)

PEST MANAGEMENT: G-max Lite/Outlook (pre-emerge), Callisto/Atrazine (post)
 Force applied T-band with planter

PLANTED - SEEDING: May 12 - 32,500 ppa

TOP 30 OF 70 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Oct. 25 - 23,200 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Wensman	W7273VT3	YGVT3	P250	248.5	25.5	0.3	19.6	\$1,210.1
Producers	5734VT3	YGVT3	P250	248.4	28.0	0.0	25.5	\$1,171.8
Fielders Choice	NG6520	YGVT3	P250	242.1	25.5	0.0	28.7	\$1,179.8
NC+ Hybrids	1775VT3	YGVT3	C250	240.7	27.0	0.0	25.8	\$1,150.1
Gold Country	96-08VT3	YGVT3	P250	239.8	25.3	0.3	18.6	\$1,170.6
AgSource	1N-398CB/LL/RW	CB, RW, LL	C250	238.8	27.3	0.3	21.6	\$1,137.3
Crows	1807VT3	YGVT3	C250	237.7	27.9	0.0	19.3	\$1,123.2
LG Seeds	LG2469VT3	YGVT3	P250	237.6	25.1	0.0	20.6	\$1,163.1
DeKalb	DKC50-19	YGVT3	P250	235.6	24.0	0.0	18.6	\$1,168.2
Stine	9417VT3	YGVT3	P250	234.7	26.5	0.0	22.9	\$1,129.2
NC+ Hybrids	1557VT3	YGVT3	C250	234.3	25.6	0.7	18.0	\$1,139.5
Dyna-Gro	54V78	YGVT3	P250	233.8	24.3	0.0	28.6	\$1,155.9
NuTech Seed	3C-300RR/YGCB	YGCB, RR2	P250	233.1	27.0	0.3	19.0	\$1,114.1
Jung	7454VT3	YGVT3	P250	232.9	26.2	0.0	25.8	\$1,123.9
AgriGold	A6225VT3	YGVT3	P250	232.1	27.3	0.0	28.0	\$1,105.4
Fielders Choice	EXP515B	YGCB	P250	231.6	25.2	0.3	21.4	\$1,132.6
Midwest Seed	69575VT3	YGVT3	C250	231.4	25.0	0.0	26.0	\$1,134.5
Kruger	K-1295RR	RR2	P250	230.4	23.9	0.0	27.5	\$1,144.3
Wensman	W7289VT3	YGVT3	P250	229.0	26.6	0.3	25.4	\$1,100.3
Renk	RK570VT3	YGVT3	P250	228.4	24.1	0.0	20.3	\$1,131.2
Dahlco	8001	CB, LL, GT	P250	228.2	26.6	0.0	25.2	\$1,096.0
NC+ Hybrids	1887VT3	YGVT3	C250	227.7	25.3	0.0	20.6	\$1,111.3
Crows	1725VT3	YGVT3	C250	227.5	24.9	0.0	24.1	\$1,115.5
Jung	7482VT3	YGVT3	P250	226.9	25.0	0.7	27.1	\$1,112.0
Producers	5624VT3	YGVT3	P250	225.9	23.2	0.3	19.3	\$1,131.1
Gold Country	94-04VT3	YGVT3	P250	225.6	25.0	0.0	25.7	\$1,105.1
Kruger	K-6298VT3	YGVT3	C250	225.4	25.5	0.0	22.3	\$1,098.2
AgSource	3A-095RR	RR2	P250	224.6	24.8	0.0	16.0	\$1,102.7
Dahlco	7951	CB, LL, GT	P250	224.4	25.4	0.0	22.6	\$1,094.6
AgriGold	A6201VT3	YGVT3	P250	222.6	20.6	0.0	26.3	\$1,150.1
Pioneer	37Y14 CK	HX1, RR2	P250	210.2	25.8	0.3	22.3	\$1,020.1
Test Average =				223.4	26.3	0.1	23.2	\$1,077.8
Isd(.10) =				19.5	1.6	0.5		
C.V. =				6.4	4.4			


 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: *Planting was delayed due to wet and cool conditions. Temperatures were moderate throughout the summer, and rainfall dropped off after mid-June. Roots went deep, and the heavy soils here allowed this crop to yield extremely well in spite of the early conditions. Mark Hernke noted that his yields are excellent, especially for such a late spring. Some stalk lodging was noted.*

2008 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]

Mark Hernke, Goodhue County, Cannon Falls, MN [CANNON FALLS]

LATE SEASON TEST
101-104 Day CRM
SOIL CONDITIONS: Port Byron-Joy silty clay loam, 3% slope, well drained, 3.0% o.m., pH 6.9
 Very high P and K, fall ripped, spring field cultivate (2 passes)

B8MNSE16b

PREVIOUS CROP/HERB: Continuous Corn / Outlook, Callisto, Atrazine

FERTILITY PROGRAM: 5 tons/A turkey manure (180 lbs/A N equivalent)

PEST MANAGEMENT: G-max Lite/Outlook (pre-emerge), Callisto/Atrazine (post)
 Force applied T-band with planter

PLANTED - SEEDING: May 12 - 32,500 ppa

TOP 30 OF 60 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Oct. 25 - 27,300 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Producers	XP6377PLRR	YGPL, RR2	P250	244.2	30.9	0.0	28.0	\$1,110.4
Gold Country	102-04VT3	YGVT3	P250	240.2	29.0	0.0	25.8	\$1,119.1
DeKalb	DKC52-59	YGVT3	P250	239.7	26.2	0.0	29.3	\$1,157.7
Kruger	K-6499VT3	YGVT3	C250	239.0	28.9	0.0	28.3	\$1,115.0
Stine	9523RRYGPL	YGPL, RR2	P250	237.2	30.1	0.0	29.5	\$1,089.4
AgriGold	A6325VT3	YGVT3	P250	236.4	32.4	0.0	29.7	\$1,053.3
Crows	2155VT3	YGVT3	C250	236.4	29.1	1.3	24.3	\$1,100.5
AgriGold	A6309BiRWRR	YGPL, RR2	P250	234.8	30.3	0.0	28.0	\$1,075.5
Jung	7514VT3	YGVT3	P250	233.8	29.3	0.0	28.7	\$1,084.7
Kruger	K-6006VT3	YGVT3	C250	232.2	29.2	0.0	26.7	\$1,079.2
NuTech Seed	3A-804GT	GT	C250	230.1	30.0	0.0	29.5	\$1,058.1
NC+ Hybrids	3613VT3	YGVT3	C250	229.7	30.5	0.3	29.5	\$1,049.8
Prairie Brand	1027VT3	YGVT3	P250	229.6	28.9	0.3	27.7	\$1,070.9
G2 Genetics	5H-004	HX1, RR2	P250	229.5	29.6	0.0	26.6	\$1,060.7
Trelay	6T226	YGVT3	P250	229.3	30.3	0.0	27.8	\$1,050.5
Viking	WBR6919	YGVT3	C250	228.4	29.6	0.3	28.1	\$1,056.3
Fielders Choice	NG6583	YGVT3	P250	227.9	28.2	0.3	27.1	\$1,073.5
Midwest Seed	72116VT3	YGVT3	C250	227.6	29.5	0.0	30.1	\$1,054.2
Brownseed	0C-404YGCB	YGCB	P250	226.8	30.9	1.3	27.4	\$1,031.1
Trelay	6T510	YGVT3	P250	226.3	30.0	0.0	29.3	\$1,041.1
Gold Country	98-10VT3	YGVT3	P250	226.2	28.3	0.3	26.7	\$1,063.7
Fielders Choice	NG6641	RR2	P250	225.1	30.8	0.0	23.7	\$1,024.9
LG Seeds	LG2514VT3	YGVT3	P250	225.0	30.9	0.0	29.3	\$1,022.3
LG Seeds	LG2507VT3	YGVT3	P250	224.3	28.9	0.0	29.2	\$1,046.5
Renk	RK698RRYGRW	YGRW, RR2	P250	222.3	29.2	0.0	27.2	\$1,033.1
Kruger	K-6102VT3	YGVT3	C250	221.3	27.5	0.3	29.0	\$1,050.9
DeKalb	DKC53-06	YGPL, RR2	P250	221.2	27.5	0.0	30.1	\$1,050.9
AgriGold	A6279VT3	YGVT3	P250	218.5	28.0	0.0	27.2	\$1,031.7
Producers	6114VT3	YGVT3	P250	218.3	28.4	0.0	27.5	\$1,024.9
DeKalb	DKC52-43	YGVT3	P250	215.3	27.2	0.0	27.4	\$1,026.0
Pioneer	37Y14 CK	HX1, RR2	P250	213.4	26.9	0.0	27.2	\$1,021.9
Test Average =				221.6	29.7	0.2	27.3	\$1,022.9
Isd(.10) =				18.2	1.4	0.8		
C.V. =				6.1	3.5			

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

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

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Revised Nov. 11 - correct late season test number