

**2007 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]**
**FULL SEASON TEST**

Rick Quade, Sanborn, Cottonwood County, MN [JEFFERS]

**103 - 106 Day CRM**
**SOIL CONDITIONS:** Wilmington clay loam, 1% slope, moderately well drained, 3.5% o.m., 5.3 soil pH B7MNSWb09

Very high P, high K, no fall tillage, spring field cultivate (2 passes)

**PREVIOUS CROP/HERB:** Soybean / Roundup

**FERTILITY PROGRAM:** 120#/A (actual) fall applied NH<sub>3</sub>, 27-69-70#/A (actual) dry fertilizer

**PEST MANAGEMENT:** Surpass (pre-emerge)  
 Force applied T-band with planter

**PLANTED - SEEDING:** May 13 - 32,800/A

**TOP 30 HYBRIDS FOR YIELD OF 54 TESTED**
**HARVESTED - STAND:** October 26 - 31,700/A

**AVERAGE of (3) REPLICATIONS**

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	
Wensman	W4418		P250	194.1	18.4	0.0	32.5	\$613.7	
NuTech Seed	3P-706 RR/YGPL	YGPL, RR2	P250	192.0	18.0	4.3	30.1	\$610.9	
Gold Country	106-02CBR	YGCB, RR2	P250	189.2	17.8	0.0	31.0	\$603.2	
Heartland	EXP670R	RR2	P250	187.3	18.0	0.7	32.5	\$596.0	
NK Brand	N48-G6		C250	187.0	17.0	0.0	31.1	\$602.2	
AgSource	3T-006VT3	YGVT3	P250	183.6	20.1	0.3	33.4	\$568.6	
Fielders Choice	NG6686	YGVT3	P250	183.3	19.8	1.3	32.9	\$569.7	
LG Seeds	LG2532RWRR	YGRW, RR2	P250	183.0	17.7	1.7	34.1	\$584.3	
Prairie Brand	1038RR	RR2	P250	181.7	16.8	0.0	32.9	\$586.3	
Renk	RK670RRYGPL	YGPL, RR2	P250	180.6	16.4	0.3	30.1	\$585.6	
NK Brand	N48-R3	CB, LL	C250	180.4	16.8	0.7	30.4	\$582.1	
Trisler	T-4S61VT3	YGVT3	P250	180.0	19.8	1.3	32.3	\$559.4	
Heartland	NG6685	YGCB, RR2	P250	179.6	19.4	1.3	32.2	\$561.0	
NK Brand	N51-T8	CB, LL	C250	179.5	17.8	0.0	31.7	\$572.2	
Pannar	7B-880	YGVT3		177.6	18.4	0.0	31.4	\$562.2	
Kruger	K-6006VT3	YGVT3	P250	176.8	19.7	0.3	31.7	\$550.3	
Pannar	6D-409RR	RR2	P250	175.8	16.3	0.3	30.8	\$571.1	
Dahlco	X-7032	HX1, LL	P250	175.6	18.7	0.0	29.9	\$553.4	
Fielders Choice	EXP640HX	HX1, LL	P250	174.5	17.9	8.7	31.1	\$555.8	
Brownseed	3P-902RR/YGPL	YGPL, RR2	P250	174.3	15.9	0.0	30.4	\$568.8	
Kruger	K-1606RR	RR2	C250	173.9	17.5	0.7	31.4	\$556.4	
Crows	3848VT3	YGVT3	C250	173.8	19.6	0.0	32.9	\$541.5	
Producers	6463YGCRR	YGCB, RR2	P250	173.6	17.4	6.3	32.0	\$555.9	
Wensman	W6374BtRR	YGCB, RR2	P250	173.1	17.2	2.0	31.9	\$556.1	
Pannar	7C-233HXRR	HX1, LL, RR2	P250	172.5	18.5	4.7	32.0	\$545.1	
Dairyland	9105	YGPL	P250	172.3	18.2	1.7	31.0	\$546.6	
Dairyland	9506	YGPL, RR2	P250	172.3	17.8	0.0	31.3	\$549.3	
Farm Advantage	87X00	HXTRA, LL	C250	171.2	17.6	0.0	31.1	\$547.5	
NuTech Seed	3T-808VT3	YGVT3	C250	171.0	19.6	3.0	33.4	\$532.7	
LG Seeds	LG2514BtRR	YGCB, RR2	P250	170.4	17.4	1.3	31.0	\$545.9	
<b>Pioneer</b>	<b>36V75 CK</b>	<b>HX1, LL, RR2</b>	<b>P250</b>	<b>188.0</b>	<b>17.3</b>	<b>0.0</b>	<b>31.0</b>	<b>\$603.3</b>	
				Test Average =	<b>172.7</b>	<b>18.0</b>	<b>1.5</b>	<b>31.7</b>	<b>\$549.0</b>
				Isd(.10) =	18.1	0.8	4.2		
				C.V. =	7.7	3.3			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.30

**RESISTANCE TECHNOLOGIES:** **Corn Borer** - CB, HX1, HXTRA, HXX, YGCB, YGPL, YGVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGPL, YGRW, YGVT2, YGVT3, **Clearfield** - CL **Glyphosate** - GT, RR2, YGVT2, YGVT3 **Liberty** - 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:** Warm spring weather with good moisture resulted in fast emergence & good early growth. Very dry from late June until mid-August when a big 6" rain fell enhancing kernel size. Plot test weight averaged 57.6 pounds. Fall rains & heat finished the plants ahead of normal. Some hybrids stalk lodged (up to 9%). A couple hybrids dropped ears (up to 3%).

**2007 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]**
**FULL SEASON TEST**

Rick Quade, Sanborn, Cottonwood County, MN [JEFFERS]

**103 - 106 Day CRM**
**SOIL CONDITIONS:** Wilmington clay loam, 1% slope, moderately well drained, 3.5% o.m., 5.3 soil pH B7MNSWb09

Very high P, high K, no fall tillage, spring field cultivate (2 passes)

**PREVIOUS CROP/HERB:** Soybean / Roundup

**FERTILITY PROGRAM:** 120#/A (actual) fall applied NH<sub>3</sub>, 27-69-70#/A (actual) dry fertilizer

**PEST MANAGEMENT:** Surpass (pre-emerge)  
 Force applied T-band with planter

**PLANTED - SEEDING:** May 13 - 32,800/A

**TOP 30 HYBRIDS FOR GROSS INCOME OF 54 TESTED**
**HARVESTED - STAND:** October 26 - 31,700/A

**AVERAGE of (3) REPLICATIONS**

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	
Wensman	W4418		P250	194.1	18.4	0.0	32.5	\$613.7	
NuTech Seed	3P-706 RR/YGPL	YGPL, RR2	P250	192.0	18.0	4.3	30.1	\$610.9	
Gold Country	106-02CBR	YGCB, RR2	P250	189.2	17.8	0.0	31.0	\$603.2	
NK Brand	N48-G6		C250	187.0	17.0	0.0	31.1	\$602.2	
Heartland	EXP670R	RR2	P250	187.3	18.0	0.7	32.5	\$596.0	
Prairie Brand	1038RR	RR2	P250	181.7	16.8	0.0	32.9	\$586.3	
Renk	RK670RRYGPL	YGPL, RR2	P250	180.6	16.4	0.3	30.1	\$585.6	
LG Seeds	LG2532RWRR	YGRW, RR2	P250	183.0	17.7	1.7	34.1	\$584.3	
NK Brand	N48-R3	CB, LL	C250	180.4	16.8	0.7	30.4	\$582.1	
NK Brand	N51-T8	CB, LL	C250	179.5	17.8	0.0	31.7	\$572.2	
Pannar	6D-409RR	RR2	P250	175.8	16.3	0.3	30.8	\$571.1	
Fielders Choice	NG6686	YGVVT3	P250	183.3	19.8	1.3	32.9	\$569.7	
Brownseed	3P-902RR/YGPL	YGPL, RR2	P250	174.3	15.9	0.0	30.4	\$568.8	
AgSource	3T-006VT3	YGVVT3	P250	183.6	20.1	0.3	33.4	\$568.6	
Pannar	7B-880	YGVVT3		177.6	18.4	0.0	31.4	\$562.2	
Heartland	NG6685	YGCB, RR2	P250	179.6	19.4	1.3	32.2	\$561.0	
Trisler	T-4S61VT3	YGVVT3	P250	180.0	19.8	1.3	32.3	\$559.4	
Kruger	K-1606RR	RR2	C250	173.9	17.5	0.7	31.4	\$556.4	
Wensman	W6374BtRR	YGCB, RR2	P250	173.1	17.2	2.0	31.9	\$556.1	
Producers	6463YGCBRR	YGCB, RR2	P250	173.6	17.4	6.3	32.0	\$555.9	
Fielders Choice	EXP640HX	HX1, LL	P250	174.5	17.9	8.7	31.1	\$555.8	
Dahlco	X-7032	HX1, LL	P250	175.6	18.7	0.0	29.9	\$553.4	
Kruger	K-6006VT3	YGVVT3	P250	176.8	19.7	0.3	31.7	\$550.3	
Dairyland	9506	YGPL, RR2	P250	172.3	17.8	0.0	31.3	\$549.3	
Farm Advantage	87X00	HXTRA, LL	C250	171.2	17.6	0.0	31.1	\$547.5	
Dairyland	9105	YGPL	P250	172.3	18.2	1.7	31.0	\$546.6	
LG Seeds	LG2514BtRR	YGCB, RR2	P250	170.4	17.4	1.3	31.0	\$545.9	
Pannar	7C-233HXRR	HX1, LL, RR2	P250	172.5	18.5	4.7	32.0	\$545.1	
Anderson Seeds	106R	RR2		170.1	17.7	1.3	30.4	\$542.6	
Crows	3848VT3	YGVVT3	C250	173.8	19.6	0.0	32.9	\$541.5	
<b>Pioneer</b>	<b>36V75 CK</b>	<b>HX1, LL, RR2</b>	<b>P250</b>	<b>188.0</b>	<b>17.3</b>	<b>0.0</b>	<b>31.0</b>	<b>\$603.3</b>	
				Test Average =	<b>172.7</b>	<b>18.0</b>	<b>1.5</b>	<b>31.7</b>	<b>\$549.0</b>
				Isd(.10) =	18.1	0.8	4.2		
				C.V. =	7.7	3.3			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.30

**RESISTANCE TECHNOLOGIES:** **Corn Borer** - CB, HX1, HXTRA, HXX, YGCB, YGPL, YGVVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGPL, YGRW, YGVVT2, YGVVT3, **Clearfield** - CL **Glyphosate** - GT, RR2, YGVVT2, YGVVT3 **Liberty** - 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:** Warm spring weather with good moisture resulted in fast emergence & good early growth. Very dry from late Jun until mid- August when a big 6" rain fell enhancing kernel size. Plot test weight averaged 57.6 pounds. Fall rains & heat finished the plants ahead of normal. Some hybrids stalk lodged (up to 9%). A couple hybrids dropped ears (up to 3%).