

2007 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]
FULL SEASON TEST

Dale & Wayne Bjorklund, Nicollet, Nicollet County, MN [NICOLLET]

99 - 102 Day CRM
SOIL CONDITIONS: Clarion-Canisteo-Webster clay loam, 0.5% slope, well drained, 4.1% o.m., 5.5 soil pH B7MNWCb05
 Very high P & K, fall chisel (apply NH3), spring field cultivate (1 pass)

PREVIOUS CROP/HERB: Soybean / Touchdown

FERTILITY PROGRAM: 150#/A fall applied NH3, 250#/A 9-23-30

PEST MANAGEMENT: Outlook at 1/2 rate (ppi), Callisto/Atrazine (post)
 Force applied T-band with planter

PLANTED - SEEDING: May 2 - 33,700/A

TOP 30 HYBRIDS FOR YIELD OF 54 TESTED
HARVESTED - STAND: October 12 - 32,400/A

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Wensman	W6307RR	RR2	P250	230.0	16.3	0.0	32.5	\$746.9
Pannar	6C-260	YGCB, RR2	C250	225.0	16.9	0.0	32.8	\$725.0
Trelay	5K429	YGPL, RR2	P250	224.2	16.7	0.0	32.0	\$724.4
AgSource	3T-099AVT3	YGVT3	P250	223.7	15.9	0.0	33.4	\$730.3
Wensman	W7309VT3	YGVT3	P250	222.7	16.6	0.0	32.6	\$720.9
Fielders Choice	NG6510	YGVT3	P250	221.5	15.6	0.0	32.6	\$725.7
NuTech Seed	3P-302RR/YGPL	YGPL, RR2	P250	220.6	16.5	0.0	32.3	\$714.7
LG Seeds	LG2477VT3	YGVT3	P250	216.8	15.7	0.0	34.1	\$709.7
Renk	RK618VT3	YGVT3	P250	216.4	15.7	0.0	32.6	\$708.1
Producers	6054VT3	YGVT3	P250	215.2	16.2	0.0	31.7	\$700.0
Heartland	NG6580	YGVT3	P250	213.4	16.6	0.0	32.0	\$691.0
Renk	RK670RRYGPL	YGPL, RR2	P250	212.9	15.8	0.0	32.0	\$695.5
Kruger	K-6499VT3	YGVT3	C250	212.2	15.4	0.0	33.4	\$696.9
Midwest Seed	70503S	YGCB, RR2	C250	212.1	16.7	0.0	32.6	\$685.5
Producers	5734VT3 CK	YGVT3	P250	211.5	15.9	0.0	32.9	\$690.6
Brownseed	3T-799BVT3	YGVT3	P250	210.2	15.6	0.0	32.0	\$688.4
Dahlco	4013	YGCB, RR2	P250	209.2	16.0	0.0	31.7	\$682.0
Enestvedt	E627CRWRRCB	CB, RW, RR2	P250	208.8	15.8	0.0	32.8	\$682.0
Brownseed	3P-098RR/YGPL	YGPL, RR2	C250	208.6	15.8	0.0	32.5	\$681.7
Gold Country	100-07CBR	YGCB, RR2	P250	208.1	15.5	0.0	31.7	\$682.3
Kruger	K-2401RR/YGCB	YGCB, RR2	C250	207.6	16.8	0.0	32.2	\$669.8
AgSource	3T-799VT3	YGVT3	P250	207.5	15.8	0.0	32.5	\$678.0
LG Seeds	LG2496VT3	YGVT3	P250	207.4	15.6	0.0	32.9	\$679.3
NK Brand	N48-G6	YGVT3	C250	207.2	16.3	0.0	32.9	\$672.8
Wensman	W7289VT3	YGVT3	P250	206.7	15.8	0.0	32.3	\$675.4
Enestvedt	E626CRWRRCB	CB, RW, RR2	P250	203.4	16.0	0.0	32.3	\$662.9
Prairie Brand	1006VTTR	YGVT3	P250	202.4	15.9	0.0	32.8	\$660.9
Gold Country	102-04CBR	YGCB, RR2	P250	201.3	16.9	0.0	32.3	\$649.0
NK Brand	N45-A6	CB, LL	C250	200.5	16.4	0.0	33.1	\$650.7
Dahlco	2505	YGPL, RR2	P250	200.4	15.7	0.0	33.4	\$655.9
Pioneer	37Y14 CK	HXX, LL, RR2	P250	201.1	16.4	0.0	33.5	\$652.1
Test Average =				203.0	16.2	0.0	32.4	\$659.9
Isd(.10) =				18.7	0.5	ns		
C.V. =				6.8	2.4			

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: Very good early weather (good moisture & heat) got plot off to a fast start. Dale commented that the crops looked great until early June. Then it turned dry with small rains from early June thru second week of August (biggest rain was 0.3"). Hot, humid weather carried plants until 5-inch rain fell in mid-August. Light ECB pressure; high rootworm beetles numbers in first week of August.



2007 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]

FULL SEASON TEST

Dale & Wayne Bjorklund, Nicollet, Nicollet County, MN [NICOLLET]

99 - 102 Day CRM

SOIL CONDITIONS: Clarion-Canisteo-Webster clay loam, 0.5% slope, well drained, 4.1% o.m., 5.5 soil pH B7MNWCb05
Very high P & K, fall chisel (apply NH3), spring field cultivate (1 pass)

PREVIOUS CROP/HERB: Soybean / Touchdown

FERTILITY PROGRAM: 150#/A fall applied NH3, 250#/A 9-23-30

PEST MANAGEMENT: Outlook at 1/2 rate (ppi), Callisto/Atrazine (post)
Force applied T-band with planter

PLANTED - SEEDING: May 2 - 33,700/A

TOP 30 HYBRIDS FOR GROSS INCOME OF 54 TESTED

HARVESTED - STAND: October 12 - 32,400/A

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	
Wensman	W6307RR	RR2	P250	230.0	16.3	0.0	32.5	\$746.9	
AgSource	3T-099AVT3	YGVT3	P250	223.7	15.9	0.0	33.4	\$730.3	
Fielders Choice	NG6510	YGVT3	P250	221.5	15.6	0.0	32.6	\$725.7	
Pannar	6C-260	YGCB, RR2	C250	225.0	16.9	0.0	32.8	\$725.0	
Trelay	5K429	YGPL, RR2	P250	224.2	16.7	0.0	32.0	\$724.4	
Wensman	W7309VT3	YGVT3	P250	222.7	16.6	0.0	32.6	\$720.9	
NuTech Seed	3P-302RR/YGPL	YGPL, RR2	P250	220.6	16.5	0.0	32.3	\$714.7	
LG Seeds	LG2477VT3	YGVT3	P250	216.8	15.7	0.0	34.1	\$709.7	
Renk	RK618VT3	YGVT3	P250	216.4	15.7	0.0	32.6	\$708.1	
Producers	6054VT3	YGVT3	P250	215.2	16.2	0.0	31.7	\$700.0	
Kruger	K-6499VT3	YGVT3	C250	212.2	15.4	0.0	33.4	\$696.9	
Renk	RK670RRYGPL	YGPL, RR2	P250	212.9	15.8	0.0	32.0	\$695.5	
Heartland	NG6580		P250	213.4	16.6	0.0	32.0	\$691.0	
Producers	5734VT3 CK	YGVT3	P250	211.5	15.9	0.0	32.9	\$690.6	
Brownseed	3T-799BVT3	YGVT3	P250	210.2	15.6	0.0	32.0	\$688.4	
Midwest Seed	70503S	YGCB, RR2	C250	212.1	16.7	0.0	32.6	\$685.5	
Gold Country	100-07CBR	YGCB, RR2	P250	208.1	15.5	0.0	31.7	\$682.3	
Enestvedt	E627CRWRRCB	CB, RW, RR2		208.8	15.8	0.0	32.8	\$682.0	
Dahlco	4013	YGCB, RR2		209.2	16.0	0.0	31.7	\$682.0	
Brownseed	3P-098RR/YGPL	YGPL, RR2	C250	208.6	15.8	0.0	32.5	\$681.7	
LG Seeds	LG2496VT3	YGVT3	P250	207.4	15.6	0.0	32.9	\$679.3	
AgSource	3T-799VT3	YGVT3	P250	207.5	15.8	0.0	32.5	\$678.0	
Wensman	W7289VT3	YGVT3	P250	206.7	15.8	0.0	32.3	\$675.4	
NK Brand	N48-G6		C250	207.2	16.3	0.0	32.9	\$672.8	
Kruger	K-2401RR/YGCB	YGCB, RR2	C250	207.6	16.8	0.0	32.2	\$669.8	
Enestvedt	E626CRWRRCB	CB, RW, RR2		203.4	16.0	0.0	32.3	\$662.9	
Prairie Brand	1006VTTR	YGVT3	P250	202.4	15.9	0.0	32.8	\$660.9	
Dahlco	2505	YGPL, RR2	P250	200.4	15.7	0.0	33.4	\$655.9	
NK Brand	N45-A6	CB, LL	C250	200.5	16.4	0.0	33.1	\$650.7	
Kruger	K-6400TS	YGPL, RR2	C250	198.4	15.7	0.0	32.3	\$649.4	
Pioneer	37Y14 CK	HXX, LL, RR2	P250	201.1	16.4	0.0	33.5	\$652.1	
				Test Average =	203.0	16.2	0.0	32.4	\$659.9
				Isd(.10) =	18.7	0.5	ns		
				C.V. =	6.8	2.4			

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: Very good early weather (good moisture & heat) got plot off to a fast start. Dale commented that the crops looked great until early June. Then it turned dry with small rains from early June thru second week of August (biggest rain was 0.3"). Hot, humid weather carried plants until 5-inch rain fell in mid-August. Light ECB pressure; high rootworm beetles numbers in first week of August.