

2007 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
FULL SEASON TEST

Arthur & Paul Wendt, Eyota, Olmsted County, MN [EYOTA]

101 - 104 Day CRM
SOIL CONDITIONS: Mt. Carroll silt loam, 2-6% slope, well drained, 3.3% o.m, 6.6 soil pH
 Very high P & K, Fall ripped, spring field cultivate (1 pass)

B7MNSEb17

PREVIOUS CROP/HERB: **Corn (sixth year)** / Harness followed by Roundup

FERTILITY PROGRAM: 175#/A (actual) spring applied Urea

PEST MANAGEMENT: Harness (pre-plant incorp.), Callisto (post)
 Force applied T-band with planter

PLANTED - SEEDING: April 29 - 33,700/A

TOP 30 HYBRIDS FOR YIELD OF 63 TESTED
HARVESTED - STAND: October 30 - 32,100/A

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
LG Seeds	LG2532RWRR	YGRW, RR2	P250	203.1	17.4	1.7	32.9	\$640.9
Jung	7595VT3	YGVT3	P250	202.3	18.4	5.7	32.0	\$629.9
Kruger	K-6499VT3	YGVT3	C250	201.0	16.0	0.3	32.8	\$645.0
Producers	6054VT3	YGVT3	P250	200.8	16.0	3.7	32.9	\$644.4
AgSource	3P-302RR/YGPL	YGPL, RR2	C250	198.8	17.5	3.7	33.1	\$625.9
AgriGold	A6325RWRR	YGRW, RR2	P250	197.6	17.8	1.3	32.9	\$620.0
NuTech Seed	3P-302RR/YGPL	YGPL, RR2	P250	197.4	17.2	2.0	32.6	\$624.0
Viking	RHXT6898	HXTRA, LL, RF	C250	197.0	18.1	2.0	32.3	\$616.0
Farm Advantage	87X00	HXTRA, LL	C250	196.0	17.6	1.3	32.8	\$616.7
Kruger	K-6400TS	YGPL, RR2	C250	195.9	16.1	10.0	32.6	\$627.7
Croplan	421RR2/BT	YGCB, RR2	C250	194.9	16.2	0.0	32.3	\$624.2
Trelay	5K429	YGPL, RR2	P250	194.6	17.4	2.0	32.3	\$613.7
Brownseed	3T-799BVT3	YGVT3	P250	194.4	16.3	0.3	32.8	\$622.0
Dairyland	9506	YGPL, RR2	P250	192.9	17.9	2.0	31.9	\$604.2
Renk	RK772RRYGPL	YGPL, RR2	P250	192.5	16.6	0.3	32.5	\$613.7
Pannar	5E-900	YGPL, RR2	C250	192.5	16.6	5.7	33.1	\$613.4
Jung	4482RR/YGCB CK	YGCB, RR2	P250	192.5	16.3	1.3	32.5	\$615.9
Heartland	EXP670R	RR2	P250	190.6	19.0	0.7	32.5	\$588.9
Dahlco	2505	YGPL, RR2	P250	189.0	16.4	3.3	32.3	\$604.0
Crows	2121S	YGCB, RR2	C250	188.9	17.9	7.0	32.2	\$592.0
Renk	RK670RRYGPL	YGPL, RR2	P250	187.8	16.8	0.0	32.8	\$596.9
Heartland	STR81-04	YGPL, RR2	P250	186.7	16.3	1.3	32.2	\$596.9
Anderson Seeds	Y605R	RR2		186.5	16.4	0.0	31.7	\$595.4
Fielders Choice	7558WPR	YGCB, RR2	P250	185.5	15.7	1.7	31.7	\$597.5
Wensman	W7309VT3	YGVT3	P250	185.5	16.8	16.7	32.5	\$589.7
Midwest Seed	70503S	YGCB, RR2	C250	185.4	17.7	4.7	32.6	\$582.8
Prairie Brand	1038RR	RR2	P250	185.4	17.4	0.3	31.9	\$585.0
Viking	WBR6919	YGVT3	P250	185.3	16.8	3.0	32.3	\$589.0
Dahlco	X-7101	YGPL, RR2	P250	184.9	16.1	2.0	32.2	\$592.4
Viking	WBR6749	YGVT3	P250	184.2	16.7	3.7	32.2	\$586.4
Pioneer	35F40 CK	HX1, LL, RR2		203.5	18.0	0.3	32.9	\$636.5
Test Average =				180.8	17.2	7.3	32.1	\$571.7
Isd(.10) =				17.1	0.7	14.9		
C.V. =				7.0	2.8			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.25

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: Sixth year corn following corn. Good early-season moisture and heat got the plot off to a great start. Turned dry in late June. A small 0.3" rain on July 3, plus high humidity, helped carry the plants through a prolonged dry spell which ended with a big 1.4" rain on August 12. Record fall rainfall delayed harvest. A late summer wind root-lodged some hybrids. Moderate ECB pressure.

2007 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
FULL SEASON TEST

Arthur & Paul Wendt, Eyota, Olmsted County, MN [EYOTA]

101 - 104 Day CRM
SOIL CONDITIONS: Mt. Carroll silt loam, 2-6% slope, well drained, 3.3% o.m, 6.6 soil pH
 Very high P & K, Fall ripped, spring field cultivate (1 pass)

B7MNSEb17

PREVIOUS CROP/HERB: Corn (sixth year) / Harness followed by Roundup

FERTILITY PROGRAM: 175#/A (actual) spring applied Urea

PEST MANAGEMENT: Harness (pre-plant incorp.), Callisto (post)
 Force applied T-band with planter

PLANTED - SEEDING: April 29 - 33,700/A

TOP 30 HYBRIDS FOR GROSS INCOME OF 63 TESTED
HARVESTED - STAND: October 30 - 32,100/A

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	
Kruger	K-6499VT3	YGVT3	C250	201.0	16.0	0.3	32.8	\$645.0	
Producers	6054VT3	YGVT3	P250	200.8	16.0	3.7	32.9	\$644.4	
LG Seeds	LG2532RWRR	YGRW, RR2	P250	203.1	17.4	1.7	32.9	\$640.9	
Jung	7595VT3	YGVT3	P250	202.3	18.4	5.7	32.0	\$629.9	
Kruger	K-6400TS	YGPL, RR2	C250	195.9	16.1	10.0	32.6	\$627.7	
AgSource	3P-302RR/YGPL	YGPL, RR2	C250	198.8	17.5	3.7	33.1	\$625.9	
Croplan	421RR2/BT	YGCB, RR2	C250	194.9	16.2	0.0	32.3	\$624.2	
NuTech Seed	3P-302RR/YGPL	YGPL, RR2	P250	197.4	17.2	2.0	32.6	\$624.0	
Brownseed	3T-799BVT3	YGVT3	P250	194.4	16.3	0.3	32.8	\$622.0	
AgriGold	A6325RWRR	YGRW, RR2	P250	197.6	17.8	1.3	32.9	\$620.0	
Farm Advantage	87X00	HXTRA, LL	C250	196.0	17.6	1.3	32.8	\$616.7	
Viking	RHXT6898	HXTRA, LL, RFC250	P250	197.0	18.1	2.0	32.3	\$616.0	
Jung	4482RR/YGCB CK	YGCB, RR2	P250	192.5	16.3	1.3	32.5	\$615.9	
Trelay	5K429	YGPL, RR2	P250	194.6	17.4	2.0	32.3	\$613.7	
Renk	RK772RRYGPL	YGPL, RR2	P250	192.5	16.6	0.3	32.5	\$613.7	
Pannar	5E-900	YGPL, RR2	C250	192.5	16.6	5.7	33.1	\$613.4	
Dairyland	9506	YGPL, RR2	P250	192.9	17.9	2.0	31.9	\$604.2	
Dahlco	2505	YGPL, RR2	P250	189.0	16.4	3.3	32.3	\$604.0	
Fielders Choice	7558WPR	YGCB, RR2	P250	185.5	15.7	1.7	31.7	\$597.5	
Heartland	STR81-04	YGPL, RR2	P250	186.7	16.3	1.3	32.2	\$596.9	
Renk	RK670RRYGPL	YGPL, RR2	P250	187.8	16.8	0.0	32.8	\$596.9	
Anderson Seeds	Y605R	RR2	P250	186.5	16.4	0.0	31.7	\$595.4	
Dahlco	X-7101	YGPL, RR2	P250	184.9	16.1	2.0	32.2	\$592.4	
Crows	2121S	YGCB, RR2	C250	188.9	17.9	7.0	32.2	\$592.0	
Wensman	W7309VT3	YGVT3	P250	185.5	16.8	16.7	32.5	\$589.7	
Viking	WBR6919	YGVT3	P250	185.3	16.8	3.0	32.3	\$589.0	
Heartland	EXP670R	RR2	P250	190.6	19.0	0.7	32.5	\$588.9	
Prairie Brand	1006VTTR	YGVT3	P250	183.1	16.0	5.7	32.6	\$587.9	
Viking	WBR6749	YGVT3	P250	184.2	16.7	3.7	32.2	\$586.4	
Prairie Brand	1038RR	RR2	P250	185.4	17.4	0.3	31.9	\$585.0	
Pioneer	35F40 CK	HX1, LL, RR2	P250	203.5	18.0	0.3	32.9	\$636.5	
				Test Average =	180.8	17.2	7.3	32.1	\$571.7
				Isd(.10) =	17.1	0.7	14.9		
				C.V. =	7.0	2.8			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.25

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: Sixth year corn following corn. Good early-season moisture and heat got the plot off to a great start. Turned dry in late June. A small 0.3" rain on July 3, plus high humidity, helped carry the plants through a prolonged dry spell which ended with a big 1.4" rain on August 12. Record fall rainfall delayed harvest. A late summer wind root-lodged some hybrids. Moderate ECB pressure.

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

AgSCI Copyright 2007