

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

John Engles, Lake Crystal, Blue Earth County, MN [LAKE CRYSTAL]

97 - 102 Day CRM
SOIL CONDITIONS: Clarion-Webster clay loam, 1% slope, well drained, 3.5% o.m., 5.7 soil pH
 Very high P & K, fall disk (shallow), spring field cultivate (1 pass)

B7MNSWa12

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 140#/A (actual) fall applied NH3

PEST MANAGEMENT: Outlook (pre-plant incorp.), Callisto/Accent/Atrazine (post)
 Force applied T-band with planter

PLANTED - SEEDING: April 29 - 32,800/A

TOP 30 HYBRIDS FOR YIELD OF 72 TESTED
HARVESTED - STAND: October 12 - 32,100/A

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
NuTech Seed	3W-099RR/YGRW	YGRW, RR2	P250	174.3	15.0	0.0	34.1	\$575.2
Wensman	W7267VT3	YGVT3	P250	171.8	14.5	0.0	32.5	\$570.2
Dairyland	9799	YGPL, RR2	P250	169.7	14.7	0.0	32.2	\$562.1
Heartland	NG6580		P250	169.6	15.2	0.0	32.2	\$558.2
Midwest Seed	69704VT3	YGVT3	C250	166.7	14.7	0.0	32.9	\$551.8
Mustang	4557RRYGPL	YGPL, RR2	P250	166.6	14.8	8.3	33.2	\$550.9
NC+ Hybrids	1775VT3	YGVT3	C250	166.6	15.0	0.0	32.3	\$549.8
Viking	WBR6889	YGVT3	P250	166.4	15.3	0.0	32.3	\$547.0
Wensman	W7309VT3	YGVT3	P250	165.0	15.8	0.0	33.2	\$539.6
Mustang	5887RRYGPL	YGPL, RR2	P250	164.0	16.2	5.3	32.5	\$533.1
NC+ Hybrids	2171RB	YGCB, RR2	C250	162.7	15.6	0.0	32.9	\$532.9
Trisler	T-1S61RRCB	YGCB, RR2	P250	162.0	14.7	3.0	32.8	\$536.4
Producers	5734VT3	YGVT3	P250	161.8	14.6	0.0	32.6	\$536.5
Trisler	T-1J31VT3	YGVT3	P250	161.2	14.9	0.0	32.8	\$532.7
Crows	2121S	YGCB, RR2	C250	160.9	15.3	0.0	32.5	\$528.8
Pannar	5E-801	YGVT3	P250	160.9	15.4	1.3	32.9	\$528.3
Crows	1807VT3	YGVT3	C250	160.5	15.1	0.0	33.7	\$529.0
Mustang	4827RRYGPL	YGPL, RR2	P250	160.3	15.5	0.0	32.9	\$525.8
Pannar	5D-303	YGVT3	C250	160.2	15.2	0.0	30.5	\$527.3
Producers	6054VT3 CK	YGVT3	P250	159.9	15.4	0.0	31.0	\$524.9
LG Seeds	LG2477VT3	YGVT3	P250	159.6	15.1	0.0	32.3	\$526.0
LG Seeds	LG2496VT3	YGVT3	P250	158.4	14.6	0.0	32.3	\$524.9
Dahlco	7971	YGPL, RR2	P250	158.1	15.0	0.0	33.1	\$522.1
Dahlco	2505 CK	YGPL, RR2	P250	156.8	14.9	0.0	32.9	\$517.8
Midwest Seed	70503S	YGCB, RR2	C250	156.7	15.7	0.3	32.5	\$513.0
Gold Country	98-10VT3	YGVT3	P250	156.7	14.8	0.0	32.3	\$518.3
Johnson	4707VT3	YGVT3	P250	155.4	15.0	8.7	32.0	\$512.5
Anderson Seeds	CY795R	YGPL, RR2	C250	154.8	14.7	1.3	32.2	\$512.8
Fielders Choice	7470S	YGCB, RR2	P250	154.2	15.6	0.0	31.9	\$505.3
Heartland	NG6490	YGVT3	P250	153.9	15.2	0.0	30.1	\$506.5
Pioneer	36V75 CK	HX1, LL, RR2	P250	158.3	16.2	0.0	32.8	\$514.8
Test Average =				149.9	15.3	1.1	32.1	\$493.1
Isd(.10) =				15.4	0.4	ns		
C.V. =				7.6	1.9			

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, YGVL, YGVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGVL, 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: Optimum spring weather & moisture from planting through early June when the weather turned dry. The plot received only 0.3" total rainfall from early June through early August. Welcome rains, with continued warm weather, from early August through harvest. John noted that several fields in the area had severe root lodging ("a combination of the three 'w's" - wind, water and worms").

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