(507) 380-9920 mark@firstseedtests.com

## 2008 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]

**EARLY SEASON TEST** 

Tom & Jeff Warmka, Faribault County, Easton, MN

[EASTON]

97-102 Day CRM

SOIL CONDITIONS: Nicollet-Webster clay loam, 1.0% slope, well drained, 4.5% o.m., 5.8 soil pH

B8MNSW09a

Very high P and K, fall chisel, spring field cultivate (1 pass)

PREVIOUS CROP/HERB: Soybean / Glyphosate

FERTILITY PROGRAM: 200#/A (actual) 9-23-30 & 130#/A (actual) Urea spring applied pre-plant incorp.

PEST MANAGEMENT: Steadfast/Callisto (post)

Force applied T-band with planter

PLANTED - SEEDING: May 17 - 32,500 seed/A TOP 30 OF 72 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Nov. 4 - 29,200 plants/A AVERAGE of (3) REPLICATIONS

		<u> </u>						•	<u>'</u>	
0	COMPANY	HYBRID	TECHNOLOGY <sup>†</sup>	IST <sup>††</sup>	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	$\circ$
	Jung	7475VT3	YGVT3	P250	244.7	18.2	0.7	28.6	\$1,298.7	)
	Brownseed	0C-404YGCB	YGCB	P250	241.3	20.1	12.7	30.3	\$1,252.9	
	Trelay	5T128	YGVT3	P250	240.9	17.1	0.0	29.2	\$1,294.7	
	Jung	7514VT3	YGVT3	P250	239.2	18.4	0.0	29.5	\$1,266.1	
	Crows	2155VT3	YGVT3	C250	237.9	18.1	3.3	29.3	\$1,264.0	
	Midwest Seed	72116VT3	YGVT3	C250	236.5	18.6	5.7	28.9	\$1,250.1	
	AgSource	1X-201HXT/LL	HXT	C250	234.7	18.7	4.7	29.7	\$1,238.4	
	Mustang	5887RRYGPL	YGPL, RR2	P250	234.5	19.1	8.0	29.2	\$1,232.3	
	Dyna-Gro	54T42	HX1, RR2	P250	234.1	17.4	2.7	30.0	\$1,253.5	
0	Dairyland	9799	YGVT3	P250	233.5	16.0	1.3	28.1	\$1,270.0	
	NC+ Hybrids	1775VT3	YGVT3	C250	232.7	15.8	1.7	29.2	\$1,268.6	
	Midwest Seed	69704VT3	YGVT3	C250	232.3	16.1	0.3	29.3	\$1,261.9	
	Viking	W86-00L	CB, LL	C250	231.9	18.3	0.3	29.2	\$1,230.0	
	NuTech Seed	3T-098BVT3	YGVT3	C250	231.8	15.4	0.0	28.1	\$1,269.0	
	Gold Country	98-10VT3	YGVT3	P250	231.7	15.2	0.3	30.6	\$1,272.1	
	Anderson Seeds	603R	RR2	None	231.6	17.0	1.7	27.8	\$1,246.0	
	Stine	9417VT3	YGVT3	P250	230.6	15.8	1.7	30.0	\$1,256.9	
	Fontanelle	5T128	YGVT3	P250	230.2	17.3	1.7	29.3	\$1,234.4	$  \circ  $
	Fielders Choice	EXP561S	YGCB, RR2	P250	230.2	16.9	0.3	30.4	\$1,239.3	
	NuTech Seed	3T-500VT3	YGVT3	P250	230.0	17.7	0.0	28.6	\$1,227.0	
	Gold Country	100-07VT3	YGVT3	P250	229.8	15.6	0.3	28.7	\$1,255.1	
	Kruger	K-6499VT3	YGVT3	C250	229.6	15.9	0.0	28.6	\$1,250.1	0
	LG Seeds	LG2496VT3	YGVT3	P250	229.4	16.1	0.3	28.3	\$1,247.3	
	Gold Country	96-08VT3	YGVT3	P250	229.2	15.9	0.7	30.0	\$1,247.9	
0	Renk	RK670VT3	YGVT3	P250	229.1	17.2	0.0	30.1	\$1,230.5	0
	LG Seeds	LG2469VT3	YGVT3	P250	227.9	15.6	1.3	30.0	\$1,244.9	
	NuTech Seed	3W-403ARR/YGRW	YGRW, RR2	P250	227.5	16.7	1.3	27.2	\$1,228.2	
	Trisler	T-2S61PLRR	YGPL, RR2	P250	227.0	17.1	0.0	28.9	\$1,220.5	
	Kruger	K-6298VT3	YGVT3	C250	225.3	15.5	0.3	31.0	\$1,232.6	
	Wensman	W7267VT3	YGVT3	P250	225.1	15.8	1.3	28.7	\$1,226.8	10
0	Pioneer	36V75 CK	HX1, RR2	P250	234.8	18.3	0.3	26.4	\$1,245.6	] _ [
	MIC	Tes	t Average		16.9	2.1	29.2	\$1,207.0		
	1. Mr C		lsd(.10)		0.6	4.4			$\circ$	
	F.I.R.S.T. Manage	er		C.V. :		2.8				
Yield & Income Factors: Base Moisture = 15.0%			= 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

<sup>††</sup> <u>IST</u>: **C250, C1250** - Cruiser @ 0.250 and 1.250 g ai/seed. **P250** and **P1250** - Poncho @ 0.250 and 1.250 g ai/seed.

FIELD NOTES: The corn was planted late due to excessive rains and cool weather. July and August were dry cooler than normal.

September brought warmer than average weather, especially in the latter half of the month. There was no killing frost until about

October 10th. These north-south planted rows were not effected much by the strong winds of October 25. Plot looked great at harvest.

<sup>→</sup> identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

<sup>\*</sup> indicates seed tested from lots not commercially available at planting. Hybrids in italics exceed the grain moisture limit for this test.

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## 2008 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]

Tom & Jeff Warmka, Faribault County, Easton, MN [EASTON]

**LATE SEASON TEST** 

103-106 Day CRM

SOIL CONDITIONS: Nicollet-Webster clay loam, 1.0% slope, well drained, 4.5% o.m., 5.8 soil pH

Very high P and K, fall chisel, spring field cultivate (1 pass)

B8MNSW09b

PREVIOUS CROP/HERB: Soybean / Glyphosate

FERTILITY PROGRAM: 200#/A (actual) 9-23-30 & 130#/A (actual) Urea spring applied pre-plant incorp.

PEST MANAGEMENT: Steadfast/Callisto (post)

Force applied T-band with planter

PLANTED - SEEDING: May 17 - 32,500 seed/A TOP 30 OF 54 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Nov. 4 - 27,600 plants/A AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY <sup>†</sup>	IST <sup>††</sup>	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	0
Brownseed			P250				28.0	$\overline{}$	)
G2 Genetics	1H-005	HX1	P250	241.6	19.3	12.3	27.4		
	9803GL	CB, LL, GT	C250	240.9	17.8	0.0	27.7	\$1,284.4	
Renk	RK698RRYGRW	YGRW, RR2	P250	238.9	17.4	0.0	26.9	\$1,280.3	
Gold Country	102-04VT3	YGVT3	P250	238.3	18.0	0.0	27.5	\$1,268.0	
NC+ Hybrids	3613VT3	YGVT3	C250	237.8	20.9	4.0	27.8	\$1,224.4	
G2 Genetics	5H-506	HX1, RR2	P250	237.4	21.2	0.0	28.7	\$1,217.5	
Trelay	6T510	YGVT3	P250	236.0	19.4	0.3	28.3	\$1,235.3	
Dairyland	5404	HX1	P250	235.4	20.0	2.7	28.4	\$1,224.1	
Wensman	W7360BTRWRR	YGPL, RR2	P250	235.3	18.3	0.3	28.1	\$1,248.0	
Mustang	5307VT3	YGVT3	P250	232.2	16.5	0.3	26.7	\$1,256.1	
Producers	XP6377PLRR	YGPL, RR2	P250	232.0	17.6	1.7	27.1	\$1,239.9	
Wensman	W7433VT3	YGVT3	P250	231.4	19.8	1.3	27.2	\$1,205.8	
Brownseed	0C-404AYGCB	YGCB	P250	231.4	19.9	9.7	28.9	\$1,205.2	
Anderson Seeds	103VT3	YGVT3	C250	230.6	18.6	8.0	26.7	\$1,219.1	
Dairyland	9006	YGVT3	P250	230.6	20.1	4.3	27.8	\$1,197.8	
AgSource	3W-403BRR/YGRW	YGRW, RR2	P250	229.3	17.2	0.0	24.9	\$1,231.5	
Stine	9523RRYGPL	YGPL, RR2	P250	229.2	18.3	0.0	28.3	\$1,214.8	
Fontanelle	6T226	YGVT3	P250	229.0	21.6	2.7	27.8	\$1,168.9	
Kruger	K-6606VT3	YGVT3	C250	228.7	19.4	4.0	28.3	\$1,198.0	0
Renk	RK760RRYGCB	YGCB, RR2	P250	227.8	19.2	2.7	28.7	\$1,195.0	
Viking	WBR6919	YGVT3	C250	227.6	18.9	4.0	27.1	\$1,198.0	
AgSource	3T-302VT3	YGVT3	C250	226.9	19.0	4.3	26.4	\$1,194.1	
Prairie Brand	1038VT3	YGVT3	P250	226.8	16.9	0.0	27.2	\$1,221.6	
LG Seeds	LG2514VT3	YGVT3	P250	226.5	19.5	2.7	27.2	\$1,184.2	0
	RK686VT3	YGVT3	P250	225.8	19.1		28.4	\$1,185.8	
LG Seeds	LG2532VT3	YGVT3	P250	223.9	20.1	1.3	27.1	\$1,163.2	
Fielders Choice	NG6691	RR2	P250	223.2	19.0	0.7	28.0	\$1,174.7	
Pannar	6D-409VT3	YGVT3	C250	216.2	16.9	0.0	25.7	\$1,165.1	
Enestvedt	E547VT3	YGVT3	P250	215.4	15.9	1.3	27.1	\$1,172.4	10
Pioneer	36V75 CK	HX1, RR2	P250	231.4	18.7	0.0	23.5	\$1,221.3	
$M \setminus C$			st Average	225.6	19.7	2.7	27.6	\$1,176.9	
1 Wh U		lsd(.10)		1.0	6.7				
F.I.R.S.T. Manager			C.V. = 4.6		3.9				$\circ$
Yield & Income Factors: Base Moisture = 15.0%			Shrink :	= 1.4	Drying = \$0.060		Price = \$5.50		
	G2 Genetics Farm Advantage Renk Gold Country NC+ Hybrids G2 Genetics Trelay Dairyland Wensman Mustang Producers Wensman Brownseed Anderson Seeds Dairyland AgSource Stine Fontanelle Kruger Renk Viking AgSource Prairie Brand LG Seeds Renk LG Seeds Fielders Choice Pannar Enestvedt Pioneer	Brownseed 3C-408ARR/YGCB G2 Genetics 1H-005 Farm Advantage 9803GL Renk RK698RRYGRW Gold Country 102-04VT3 NC+ Hybrids 3613VT3 G2 Genetics 5H-506 Trelay 6T510 Dairyland 5404 Wensman W7360BTRWRR Mustang 5307VT3 Producers XP6377PLRR Wensman W7433VT3 Brownseed 0C-404AYGCB Anderson Seeds 103VT3 Dairyland 9006 AgSource 3W-403BRR/YGRW Stine 9523RRYGPL Fontanelle 6T226 Kruger K-6606VT3 Renk RK760RRYGCB Viking WBR6919 AgSource 3T-302VT3 Prairie Brand 1038VT3 LG Seeds LG2514VT3 Renk RK686VT3 LG Seeds LG2532VT3 Fielders Choice NG6691 Pannar 6D-409VT3 Enestvedt E547VT3 Pioneer 36V75 CK	Brownseed         3C-408ARR/YGCB         YGCB, RR2           G2 Genetics         1H-005         HX1           Farm Advantage         9803GL         CB, LL, GT           Renk         RK698RRYGRW         YGRW, RR2           Gold Country         102-04VT3         YGVT3           NC+ Hybrids         3613VT3         YGVT3           G2 Genetics         5H-506         HX1, RR2           Trelay         6T510         YGVT3           Dairyland         5404         HX1           Wensman         W7360BTRWRR         YGPL, RR2           Mustang         5307VT3         YGVT3           Producers         XP6377PLRR         YGPL, RR2           Wensman         W7433VT3         YGVT3           Brownseed         0C-404AYGCB         YGCB           Anderson Seeds         103VT3         YGVT3           AgSource         3W-403BRR/YGRW         YGRW, RR2           Stine         9523RRYGPL         YGPL, RR2           Fontanelle         6T226         YGVT3           Kruger         K-6606VT3         YGVT3           Renk         RK760RRYGCB         YGCB, RR2           Viking         WBR6919         YGVT3 <t< td=""><td>Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250           G2 Genetics         1H-005         HX1         P250           Farm Advantage         9803GL         CB, LL, GT         C250           Renk         RK698RRYGRW         YGRW, RR2         P250           Gold Country         102-04VT3         YGVT3         P250           NC+ Hybrids         3613VT3         YGVT3         C250           G2 Genetics         5H-506         HX1, RR2         P250           Trelay         6T510         YGVT3         P250           Dairyland         5404         HX1         P250           Wensman         W7360BTRWRR         YGPL, RR2         P250           Mustang         5307VT3         YGVT3         P250           Mustang         5307VT3         YGVT3         P250           Wensman         W7433VT3         YGVT3         P250           Wensman         W7433VT3         YGVT3         P250           Anderson Seeds         103VT3         YGVT3         P250           Anderson Seeds         103VT3         YGVT3         P250           AgSource         3W-403BRR/YGRW         YGRW, RR2         P250           Stine</td><td>COMPANY         HYBRID         TECHNOLOGY¹         IST¹¹¹         ■ Bu/A           Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250         242.6           G2 Genetics         1H-005         HX1         P250         241.6           Farm Advantage         9803GL         CB, LL, GT         C250         240.9           Renk         RK698RRYGRW         YGRW, RR2         P250         238.9           Gold Country         102-04VT3         YGVT3         P250         238.9           GOld Country         102-04VT3         YGVT3         P250         238.3           NC+ Hybrids         3613VT3         YGVT3         P250         237.4           Trelay         6T510         YGVT3         P250         236.0           Dairyland         5404         HX1         P250         235.4           Wensman         W7360BTRWRR         YGPL, RR2         P250         232.2           Wensman         W7360BTRWRR         YGPL, RR2         P250         232.0           Wensman         W7433VT3         YGVT3         P250         232.0           Wensman         W7433VT3         YGVT3         P250         231.4           Anderson Seeds         103V</td><td>COMPANY         HYBRID         TECHNOLOGY¹         IST¹¹         BuA         %           Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250         242.6         21.8           G2 Genetics         1H-005         HX1         P250         241.6         19.3           Farm Advantage         9803GL         CB, LL, GT         C250         240.9         17.4           Genk         RK698RRYGRW         YGRW, RR2         P250         238.9         17.4           Gold Country         102-04VT3         YGVT3         P250         238.3         18.0           NC+ Hybrids         3613VT3         YGVT3         C250         237.8         20.9           G2 Genetics         5H-506         HX1, RR2         P250         236.0         19.4           Wensman         M7360BTRWRR         YGPL, RR2         P250         235.4         20.0           Wensman         W7360BTRWRR         YGPL, RR2         P250         235.4         20.0           Wensman         W7360BTRWRR         YGPL, RR2         P250         235.3         18.3           Mustang         5307VT3         YGVT3         P250         231.4         19.8           Brownseed         0C-404AYGCB<td>COMPANY         HYBRID         TECHNOLOGY!         IST*II         BUA         %         %           Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250         242.6         21.8         1.3           G2 Genetics         1H-005         HX1         P250         241.6         19.3         12.3           Farm Advantage         9803GL         CB, LL, GT         C250         240.9         17.8         0.0           Renk         RK698RRYGRW         YGRW, RR2         P250         238.9         17.4         0.0           Gold Country         102-04VT3         YGVT3         P250         238.9         17.4         0.0           NC+ Hybrids         3613VT3         YGVT3         P250         237.8         20.9         4.0           G2 Genetics         5H-506         HX1, RR2         P250         237.4         21.2         0.0           Trelay         6T510         YGVT3         P250         236.0         19.4         0.3           Dairyland         5404         HX1         P250         235.4         20.0         2.7           Wensman         W7360BTRWR         YGPL, RR2         P250         235.3         18.3         0.3</td><td>  Brownsed   SC-408ARR/YGCB   YGCB, RR2   P250   242.6   21.8   1.3   28.0    </td><td>  Brownseed   3C-408ARR/YGCB   YGCB, RR2   P250   242.6   21.8   1.3   28.0   \$1,234.9</td></td></t<>	Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250           G2 Genetics         1H-005         HX1         P250           Farm Advantage         9803GL         CB, LL, GT         C250           Renk         RK698RRYGRW         YGRW, RR2         P250           Gold Country         102-04VT3         YGVT3         P250           NC+ Hybrids         3613VT3         YGVT3         C250           G2 Genetics         5H-506         HX1, RR2         P250           Trelay         6T510         YGVT3         P250           Dairyland         5404         HX1         P250           Wensman         W7360BTRWRR         YGPL, RR2         P250           Mustang         5307VT3         YGVT3         P250           Mustang         5307VT3         YGVT3         P250           Wensman         W7433VT3         YGVT3         P250           Wensman         W7433VT3         YGVT3         P250           Anderson Seeds         103VT3         YGVT3         P250           Anderson Seeds         103VT3         YGVT3         P250           AgSource         3W-403BRR/YGRW         YGRW, RR2         P250           Stine	COMPANY         HYBRID         TECHNOLOGY¹         IST¹¹¹         ■ Bu/A           Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250         242.6           G2 Genetics         1H-005         HX1         P250         241.6           Farm Advantage         9803GL         CB, LL, GT         C250         240.9           Renk         RK698RRYGRW         YGRW, RR2         P250         238.9           Gold Country         102-04VT3         YGVT3         P250         238.9           GOld Country         102-04VT3         YGVT3         P250         238.3           NC+ Hybrids         3613VT3         YGVT3         P250         237.4           Trelay         6T510         YGVT3         P250         236.0           Dairyland         5404         HX1         P250         235.4           Wensman         W7360BTRWRR         YGPL, RR2         P250         232.2           Wensman         W7360BTRWRR         YGPL, RR2         P250         232.0           Wensman         W7433VT3         YGVT3         P250         232.0           Wensman         W7433VT3         YGVT3         P250         231.4           Anderson Seeds         103V	COMPANY         HYBRID         TECHNOLOGY¹         IST¹¹         BuA         %           Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250         242.6         21.8           G2 Genetics         1H-005         HX1         P250         241.6         19.3           Farm Advantage         9803GL         CB, LL, GT         C250         240.9         17.4           Genk         RK698RRYGRW         YGRW, RR2         P250         238.9         17.4           Gold Country         102-04VT3         YGVT3         P250         238.3         18.0           NC+ Hybrids         3613VT3         YGVT3         C250         237.8         20.9           G2 Genetics         5H-506         HX1, RR2         P250         236.0         19.4           Wensman         M7360BTRWRR         YGPL, RR2         P250         235.4         20.0           Wensman         W7360BTRWRR         YGPL, RR2         P250         235.4         20.0           Wensman         W7360BTRWRR         YGPL, RR2         P250         235.3         18.3           Mustang         5307VT3         YGVT3         P250         231.4         19.8           Brownseed         0C-404AYGCB <td>COMPANY         HYBRID         TECHNOLOGY!         IST*II         BUA         %         %           Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250         242.6         21.8         1.3           G2 Genetics         1H-005         HX1         P250         241.6         19.3         12.3           Farm Advantage         9803GL         CB, LL, GT         C250         240.9         17.8         0.0           Renk         RK698RRYGRW         YGRW, RR2         P250         238.9         17.4         0.0           Gold Country         102-04VT3         YGVT3         P250         238.9         17.4         0.0           NC+ Hybrids         3613VT3         YGVT3         P250         237.8         20.9         4.0           G2 Genetics         5H-506         HX1, RR2         P250         237.4         21.2         0.0           Trelay         6T510         YGVT3         P250         236.0         19.4         0.3           Dairyland         5404         HX1         P250         235.4         20.0         2.7           Wensman         W7360BTRWR         YGPL, RR2         P250         235.3         18.3         0.3</td> <td>  Brownsed   SC-408ARR/YGCB   YGCB, RR2   P250   242.6   21.8   1.3   28.0    </td> <td>  Brownseed   3C-408ARR/YGCB   YGCB, RR2   P250   242.6   21.8   1.3   28.0   \$1,234.9</td>	COMPANY         HYBRID         TECHNOLOGY!         IST*II         BUA         %         %           Brownseed         3C-408ARR/YGCB         YGCB, RR2         P250         242.6         21.8         1.3           G2 Genetics         1H-005         HX1         P250         241.6         19.3         12.3           Farm Advantage         9803GL         CB, LL, GT         C250         240.9         17.8         0.0           Renk         RK698RRYGRW         YGRW, RR2         P250         238.9         17.4         0.0           Gold Country         102-04VT3         YGVT3         P250         238.9         17.4         0.0           NC+ Hybrids         3613VT3         YGVT3         P250         237.8         20.9         4.0           G2 Genetics         5H-506         HX1, RR2         P250         237.4         21.2         0.0           Trelay         6T510         YGVT3         P250         236.0         19.4         0.3           Dairyland         5404         HX1         P250         235.4         20.0         2.7           Wensman         W7360BTRWR         YGPL, RR2         P250         235.3         18.3         0.3	Brownsed   SC-408ARR/YGCB   YGCB, RR2   P250   242.6   21.8   1.3   28.0	Brownseed   3C-408ARR/YGCB   YGCB, RR2   P250   242.6   21.8   1.3   28.0   \$1,234.9

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

→ identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

<sup>††</sup> <u>IST</u>: **C250, C1250** - Cruiser @ 0.250 and 1.250 g ai/seed. **P250** and **P1250 -** Poncho @ 0.250 and 1.250 g ai/seed.

FIELD NOTES: The corn was planted late due to excessive rains and cool weather. July and August were dry cooler than normal.

September brought warmer than average weather, especially in the latter half of the month. There was no killing frost until about

October 10th. These north-south planted rows were not effected much by the strong winds of October 25. Plot looked great at harvest.

<sup>\*</sup> indicates seed tested from lots not commercially available at planting. Hybrids in italics exceed the grain moisture limit for this test.