

2009 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]
EARLY SEASON TEST

John Engles, Blue Earth County, MN 56055 [LAKE CRYSTAL]

97 - 102 Day CRM

PREV. CROP/HERB: Soybean / Prowl, Touchdown B9MNSW12a
 SOIL DESCRIPTION: Webster clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: high P, high K, 6.5 pH, 3.6% OM
 PEST MANAGEMENT: Force, Outlook, Laudis, Atrazine 30" ROW SPACING
 FERTILITY - Applied N: 140 Fall,
 Applied N-P-K (units): 140-0-0
 SEEDING - RATE: May 2 35,000 /A **TOP 30 OF 72 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 14 30,900 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Jung	7514VT3	YGVT3	P250	229.1	15.9	0.0	30.7	\$790.5	2
G2 Genetics	5X-802	HXT, RR2	C250	228.1	17.4	0.0	31.6	\$768.2	7
Jung	7475VT3	YGVT3	P250	226.4	15.0	0.0	29.8	\$792.4	1
Kruger	K-6298VT3	YGVT3	C250	225.6	15.2	0.0	33.5	\$787.1	3
Kruger	K-6200VT3*	YGVT3	P250	221.1	14.5	0.0	32.1	\$779.9	5
Brownseed	3T-601B	YGVT3	P250	219.1	15.1	0.0	32.1	\$765.6	8
Dairyland	9799	YGVT3	P250	218.7	15.0	0.0	23.7	\$765.5	9
AgSource	3T-904	YGVT3	P250	218.7	16.7	0.0	29.8	\$745.0	14
Gold Country	100-09VT3	YGVT3	P250	218.6	14.5	0.0	34.8	\$771.1	6
Titan Pro	4998*	LL	C250	215.9	17.7	0.0	32.6	\$723.6	28
Producers	XP5804VT3	YGVT3	P250	214.6	14.9	0.0	32.1	\$752.3	10
Viking	60-01N*	YGVT3	C250	214.1	17.0	0.0	33.0	\$725.8	23
Channel	200-22VT3	YGVT3	P250	213.8	16.3	0.0	29.8	\$733.0	19
Wensman	W7273VT3	YGVT3	P250	213.5	15.2	0.0	27.4	\$744.9	15
Titan Pro	89X97*	HXT	C250	212.8	16.1	0.0	32.1	\$731.9	20
LG Seeds	LG2498Bt	YGCB	P250	212.7	14.5	0.0	29.3	\$750.3	11
Wensman	W7267VT3	YGVT3	P250	212.5	14.8	0.0	29.3	\$746.1	12
LG Seeds	LG2478VT3	YGVT3	P250	212.4	14.9	0.0	31.6	\$744.6	16
Dyna-Gro	V3883VT3*	YGVT3	P250	212.3	14.8	0.0	29.3	\$745.4	13
Fielders Choice	NG6583	YGVT3	P250	212.1	16.3	0.0	33.5	\$727.2	22
Dahlco	DS-6002	3KGT	P250	210.2	16.2	0.0	32.1	\$721.8	29
Renk	RK575VT3	YGVT3	P250	210.1	15.5	0.3	29.8	\$729.6	21
Trelay	5VT323	YGVT3	P250	210.0	14.6	0.0	33.5	\$739.6	17
Anderson Seeds	605VT3	YGVT3	C250	209.3	15.7	0.0	31.2	\$724.5	26
Enestvedt	E547VT3	YGVT3	C250	208.6	15.5	0.0	31.2	\$724.4	27
Channel	197-14VT3	YGVT3	C250	208.2	14.6	0.0	25.6	\$733.3	18
Renze	1079VT3	YGVT3	P250	207.6	15.1	0.0	24.6	\$725.5	24
Kruger	K-6097VT3	YGVT3	C250	205.7	14.6	0.3	28.8	\$724.5	25
Fielders Choice	NG6546	YGVT3	P250	205.3	14.8	0.0	31.2	\$720.8	30
Stine	9417VT3	YGVT3	P250	203.5	14.6	0.0	29.7	\$716.7	31
Dekalb	DKC52-59 CK	YGVT3	P250	224.6	15.1	0.0	32.6	\$784.9	4
Test Average =				205.6	15.7	0.2	30.9	\$711.2	
LSD (0.10) =				14.6	0.5	n.s.			
C.V. =				5.3	2.5				


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were very good. June, July and August were cooler than normal, causing development to lag behind normal. John pointed out that it is amazing to get such good yields this year, considering the cool summer and the lack of rainfall in July and August.*

Lat: N44.20589, Long: W94.30664

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.055 Price = \$3.50

[†] **TECHNOLOGY:** Corn Borer - 3KGT, CB, HX1, HXT, YGCB, YGPL, YGVT3; Corn Rootworm - 3KGT, HXT, RW, YGPL, YGRW, YGVT2, YGVT3; Clearfield - CL; Glyphosate - 3KGT, GT, RR2, YGVT2, YGVT3; Liberty - 3KGT, HX1, HXT, LL

^{††} **IST:** C250, C1250 - Cruiser @ 0.25 and 1.25 g ai/seed. P250, P500, and P1250 - Poncho @ 0.25, 0.5 and 1.25 g ai/seed.

 Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. *Italicized* brands exceed the grain moisture limit for this test. * = brands without a seed lot number ^ = discontinued brand.



F.I.R.S.T.

Farmer's Independent Research
of Seed Technologies

IMQ, LLC.
14870 240th Ave.
New Richland, MN 56072

(507) 380-9920
imq@myclearwave.net

2009 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]

John Engles, Blue Earth County, MN 56055 [LAKE CRYSTAL]

FULL SEASON TEST

103 - 106 Day CRM

B9MNSW12b

PREV. CROP/HERB: Soybean / Prowl, Touchdown
SOIL DESCRIPTION: Webster clay loam, well drained, minimum w/o fall till, non-irrigated
SOIL CONDITIONS: high P, high K, 6.5 pH, 3.6% OM
PEST MANAGEMENT: Force, Outlook, Laudis, Atrazine
FERTILITY - Applied N: 140 Fall,
Applied N-P-K (units): 140-0-0

30" ROW SPACING

SEEDED - RATE: May 2 35,000 /A
HARVESTED - STAND: Nov 14 31,400 /A

TOP 30 OF 60 BRANDS FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Kruger	K-6102VT3*	YGVT3	C250	232.5	16.5	0.0	33.0	\$794.6	1
Renk	RK698VT3	YGVT3	P250	230.2	17.0	0.0	32.1	\$780.4	2
Jung	7S555VT3	YGVT3	P250	228.1	17.1	0.3	32.6	\$772.0	4
Producers	6634VT3	YGVT3	P250	226.0	19.8	0.3	33.0	\$731.3	13
Renk	RK744VT3	YGVT3	P250	223.5	17.8	0.0	32.5	\$747.8	6
Trelay	5T429	YGVT3	P250	223.1	16.6	0.0	31.6	\$761.2	5
LG Seeds	LG2532VT3	YGVT3	P250	222.8	18.2	0.0	32.5	\$740.6	8
Stine	9523VT3	YGVT3	P250	220.1	17.6	0.0	29.8	\$738.9	11
G2 Genetics	5H-506	HX1, RR2	C250	219.5	20.6	0.3	32.6	\$700.6	24
Gold Country	102-04VT3	YGVT3	P250	218.6	17.1	0.3	31.2	\$739.9	10
Wensman	W7360VT3	YGVT3	P250	218.5	16.9	0.0	31.6	\$741.9	7
Titan Pro	87A03	CB, RW, LL	C250	217.7	16.8	0.0	26.9	\$740.4	9
Prairie Brand	1059VT3	YGVT3	P250	216.8	18.3	0.0	31.2	\$719.5	18
AgSource	5B-804	CB, LL, GT	C250	216.7	18.3	4.3	33.5	\$719.1	19
Dahco	DS-8041	CB, LL, GT	P250	216.0	17.7	0.0	29.7	\$723.9	14
LG Seeds	LG2510VT3	YGVT3	P250	216.0	17.9	3.0	32.5	\$721.5	16
Mycogen	2Y547	YGVT3	C250	215.6	16.8	0.0	32.6	\$733.3	12
Producers	6374VT3	YGVT3	P250	215.5	17.9	4.3	31.2	\$719.9	17
Fielders Choice	NG6686	YGVT3	P250	215.0	19.1	0.0	29.8	\$704.0	23
Mycogen	X29583	HXT, RR2	C250	212.2	18.2	0.0	31.6	\$705.4	21
Kruger	K-6205VT3*	YGVT3	P250	212.0	19.0	0.0	33.5	\$695.4	27
NuTech Seed	3T-706	YGVT3	P250	211.4	18.9	0.0	32.1	\$694.6	29
Gold Country	105-05VT3	YGVT3	P250	211.2	18.9	0.0	32.6	\$693.9	30
Fielders Choice	NG6676	YGVT3	P250	210.2	18.5	1.3	33.0	\$695.2	28
Pannar	6D-409VT3	YGVT3	C250	209.6	16.0	0.0	27.9	\$722.1	15
Viking	6919VT3*	YGVT3	C250	208.2	17.1	0.0	32.1	\$704.7	22
Kruger	K-6401VT3	YGVT3	C250	207.5	17.7	0.0	32.5	\$695.4	26
Mustang	5307VT3	YGVT3	P250	206.7	16.1	0.0	27.0	\$710.9	20
Fielders Choice	NG6646	YGVT3	P250	206.3	17.2	0.3	30.7	\$697.1	25
Anderson Seeds	105R	RR2	None	205.3	17.4	0.0	33.5	\$691.5	31
Dekalb	DKC52-59 CK	YGVT3	P250	226.0	15.9	0.0	31.2	\$779.8	3
Test Average =				208.8	18.5	0.5	31.4	\$690.6	
LSD (0.10) =				12.6	1.1	2.3			
C.V. =				4.4	4.3				

Mark Querna
F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were very good. June, July and August were cooler than normal, causing development to lag behind normal. John pointed out that it is amazing to get such good yields this year, considering the cool summer and the lack of rainfall in July and August.*

Lat: N44.20589, Long: W94.30664

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.055 Price = \$3.50

[†] TECHNOLOGY: **Corn Borer** - 3KGT, CB, HX1, HXT, YGCB, YGPL, YGVT3; **Corn Rootworm** - 3KGT, HXT, RW, YGPL, YGRW, YGVT2, YGVT3; **Clearfield** - CL; **Glyphosate** - 3KGT, GT, RR2, YGVT2, YGVT3; **Liberty** - 3KGT, HX1, HXT, LL

^{††} IST: **C250, C1250** - Cruiser @ 0.25 and 1.25 g ai/seed. **P250, P500, and P1250** - Poncho @ 0.25, 0.5 and 1.25 g ai/seed.

Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. * = brands without a seed lot number ^ = discontinued brand.

Complete products tested list available at www.firstseedtests.com

AgSCI Copyright 2009

Report Date: 11/17/2009

Revised: