

2009 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
EARLY SEASON TEST

Mark Hernke, Goodhue County, MN 55009 [CANNON FALLS]

95 - 100 Day CRM

PREV. CROP/HERB: Corn, 2+ yr / Harness, Callisto, Atrazine B9MNSE17a
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: high P, high K, 6.9 pH, 3.1% OM
 PEST MANAGEMENT: Harness, Accent, Laudis, Atrazine, Force 30" ROW SPACING
 FERTILITY - Applied N: 210 Fall,
 Applied N-P-K (units): 210-230-170
 SEEDING - RATE: May 2 35,000 /A **TOP 30 OF 72 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 10 27,600 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Fielders Choice	NG6515	YGVT3	P250	224.5	28.4	0.0	28.4	\$620.3	2
G2 Genetics	5H-501	HX1, RR2	C250	222.0	28.1	0.3	28.4	\$617.0	5
Dahlco	DS-GL4689*	YGVT3	P250	220.7	28.6	0.0	30.2	\$607.4	9
Renk	RK619VT3*	YGVT3	P250	218.0	27.1	0.0	21.4	\$617.9	4
Channel	197-14VT3	YGVT3	C250	216.1	27.5	0.0	31.2	\$607.8	8
AgSource	1B-202	CB, LL	P250	215.9	29.4	0.3	28.8	\$584.7	23
Mycogen	2P484	YGVT3	C250	213.7	25.9	0.0	23.7	\$619.8	3
NuTech Seed	3T-600	YGVT3	P250	213.6	28.6	0.0	19.5	\$587.8	18
AgriGold	A6225VT3	YGVT3	P250	213.5	27.4	0.0	24.2	\$601.6	11
Trelay	4T722	YGVT3	P250	212.8	28.5	0.0	28.8	\$586.8	20
Dyna-Gro	54V78*	YGVT3	P250	212.6	26.3	0.0	24.2	\$612.0	6
Kruger	K-6295VT3	YGVT3	C250	212.0	23.8	0.3	27.0	\$639.4	1
LG Seeds	LG2478VT3	YGVT3	P250	211.9	26.8	0.0	27.4	\$604.1	10
Jung	7S487VT3	YGVT3	P250	210.4	26.8	0.0	28.8	\$599.9	12
Channel	199-55VT3	YGVT3	C250	209.1	28.7	0.0	30.7	\$574.3	30
Gold Country	100-09VT3	YGVT3	P250	208.6	26.6	0.3	32.1	\$597.0	13
Mustang	4367VT3	YGVT3	P250	207.5	25.3	0.0	25.6	\$608.7	7
Wensman	W7270VT3	YGVT3	P250	204.7	26.5	0.0	27.0	\$587.0	19
Kruger	K-6298VT3	YGVT3	C250	202.5	25.6	0.0	27.9	\$590.7	17
Fielders Choice	NG6546	YGVT3	P250	202.0	25.2	0.0	27.0	\$593.7	16
Viking	B73-96RVT3*	YGVT3	C250	201.1	26.1	0.0	32.1	\$581.1	25
Producers	XP5524VT3	YGVT3	P250	199.6	25.9	0.0	28.8	\$578.9	28
J Pasker	JP11Q98	3KGT	P250	199.2	25.1	0.0	24.6	\$586.5	21
Kruger	K-6097VT3	YGVT3	C250	198.9	25.3	0.3	26.0	\$583.5	24
Dairyland	9395	YGVT3	P250	198.3	24.0	0.3	30.2	\$595.9	15
Gold Country	95-11VT3	YGVT3	P250	197.8	25.3	0.0	25.1	\$580.2	26
Dekalb	DKC44-92	RR2	P250	197.7	23.8	0.0	28.8	\$596.3	14
Mycogen	2J463	YGVT3	C250	196.8	25.1	0.0	27.4	\$579.5	27
Prairie Brand	958VT3	YGVT3	P250	194.4	23.8	0.0	27.4	\$586.3	22
Mustang	4322VT3	YGVT3	P250	192.7	24.3	0.7	31.2	\$575.9	29
Dekalb	DKC50-44 CK	YGVT3	P250	190.5	26.9	0.0	26.5	\$542.1	54
Test Average =				198.4	26.9	0.1	27.6	\$563.8	
LSD (0.10) =				19.3	1.9	0.7			
C.V. =				7.2	5.1				


 F.I.R.S.T. Manager

TEST COMMENTS: *Soil till at time of planting was amazing, but the row cleaners on my planter had some difficulty with the root balls from this long-term corn on corn site. Emergence and early vigor was uneven due to these conditions resulting in above normal yield variability for this location.*

Lat: N44.38823, Long: W92.85027

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 East [MNSE]

Mark Hernke, Goodhue County, MN 55009 [CANNON FALLS]

FULL SEASON TEST

101 - 104 Day CRM

PREV. CROP/HERB: Corn, 2+ yr / Harness, Callisto, Atrazine B9MNSE17b
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: high P, high K, 6.9 pH, 3.1% OM
 PEST MANAGEMENT: Harness, Accent, Laudis, Atrazine, Force 30" ROW SPACING
 FERTILITY - Applied N: 210 Fall,
 Applied N-P-K (units): 210-230-170
 SEEDING - RATE: May 2 35,000 /A TOP 30 OF 60 BRANDS FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Nov 10 28,000 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Wensman	W7360VT3	YGVT3	P250	226.7	30.0	0.0	29.3	\$606.4	1
LG Seeds	LG2510VT3	YGVT3	P250	216.0	31.3	0.0	27.0	\$562.4	3
Titan Pro	89A02GL*	3KGT	C250	211.6	33.9	0.0	29.8	\$520.6	17
Stine	9523VT3	YGVT3	P250	210.6	32.3	0.0	27.4	\$536.7	10
Gold Country	101-01VT3	YGVT3	P250	209.4	30.3	0.0	31.6	\$556.7	5
Jung	7475VT3	YGVT3	P250	206.4	30.3	0.0	30.7	\$548.7	7
Trelay	5T128	YGVT3	P250	206.1	30.1	0.0	18.1	\$550.2	6
Jung	7514VT3	YGVT3	P250	205.6	32.4	0.0	32.1	\$522.8	15
Kruger	K-6102VT3*	YGVT3	C250	205.0	28.1	0.3	28.8	\$569.8	2
Fielders Choice	NG6565	YGVT3	P250	205.0	30.4	0.0	24.7	\$543.9	8
Producers	6374VT3	YGVT3	P250	204.2	31.6	0.0	28.8	\$528.3	12
J Pasker	JP1018	None	None	202.0	32.1	0.0	28.4	\$517.0	19
Mycogen	2Y547	YGVT3	C250	200.6	29.5	0.0	31.6	\$542.1	9
Kruger	K-6200VT3*	YGVT3	P250	199.3	29.7	0.0	30.2	\$536.4	11
AgriGold	A6309VT3	YGVT3	P250	198.5	32.3	0.0	28.4	\$505.9	21
Renk	RK686VT3	YGVT3	P250	198.1	32.7	0.0	27.4	\$500.5	23
Anderson Seeds	605VT3	YGVT3	C250	197.7	27.4	0.0	27.0	\$557.1	4
Prairie Brand	X9102VT3	YGVT3	P250	196.7	30.2	0.3	22.8	\$524.0	14
Jung	7S555VT3	YGVT3	P250	196.7	30.4	0.0	29.8	\$521.8	16
Dairyland	9703Q	HXT, RR2	P250	196.6	32.4	0.0	27.4	\$500.0	26
LG Seeds	LG2514VT3	YGVT3	P250	196.5	32.4	0.3	30.2	\$499.7	27
Gold Country	102-04VT3	YGVT3	P250	195.8	32.3	0.0	27.9	\$499.0	29
Stine	9419CBLLRR	CB, LL, GT	P250	195.1	29.5	0.0	16.7	\$527.3	13
Mustang	5307VT3	YGVT3	P250	194.6	31.9	0.0	23.7	\$500.2	24
Renk	RK670VT3	YGVT3	P250	193.4	31.7	0.0	23.7	\$499.3	28
Dahlco	DS-GL5306*	YGVT3	P250	192.9	29.6	0.0	32.1	\$520.3	18
Renk	RK698VT3	YGVT3	P250	192.1	31.3	0.0	30.7	\$500.1	25
Viking	60-01N*	YGVT3	C250	191.7	30.1	0.0	24.2	\$511.7	20
LG Seeds	LG2507VT3	YGVT3	P250	188.4	29.9	0.0	32.1	\$505.0	22
Fielders Choice	NG6646	YGVT3	P250	187.6	30.5	0.3	31.2	\$496.7	31
Dekalb	DKC50-44 CK	YGVT3	P250	185.9	30.0	0.0	24.6	\$497.3	30
Test Average =				191.9	31.9	0.0	28.0	\$493.2	
LSD (0.10) =				15.5	2.5	0.3			
C.V. =				6.0	5.8				

TEST COMMENTS: Soil till at time of planting was amazing, but the row cleaners on my planter had some difficulty with the root balls from this long-term corn on corn site. Emergence and early vigor was uneven due to these conditions resulting in above normal yield variability for this location.

Lat: N44.38823, Long: W92.85027

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: 11/12/2009

Revised: