

2010 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]
EARLY SEASON TEST

Gary & Mark Krcil, McLeod County, MN 55336 [GLENCOE]

93 - 98 Day CRM

PREV. CROP/HERB: Corn / Harness, Glyphoste, Callisto B0MNWC02a
 SOIL DESCRIPTION: Le Sueur-Cordova clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.7 pH, 5.1% OM
 PEST MANAGEMENT: Force, Roundup, SelectMax 30" ROW SPACING
 FERTILITY - Applied N: 150 Fall, 30 Spring,
 Applied N-P-K (units): 180-40-30
 SEEDED - RATE: Apr 27 36,500 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 19 35,300 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	196-06VT3	VT3	P250	251.7	14.7	0.0	37.8	\$1,326.0	1
Kruger	K-7593	VT3P	P250	242.9	13.6	0.0	36.8	\$1,295.6	2
LG Seeds	LG2469VT3	VT3	P250	236.1	14.1	0.0	35.3	\$1,252.3	3
Producers	5804VT3Pro	VT3P	P250	234.9	13.7	0.0	36.3	\$1,251.5	4
Gold Country	95-50	VT3	P250	231.4	14.0	0.0	35.3	\$1,228.7	5
Titan Pro	9094GL	CB/LL/RW	C250	230.8	14.1	0.7	34.8	\$1,224.2	7
AgSource	5N-398	3000GT	C250	229.4	14.2	0.0	34.8	\$1,215.4	9
Kruger	K-6194VT3	VT3	P500,V	228.7	13.7	0.0	36.3	\$1,218.5	8
Renk	RK565GTCBLLRW	3000GT	C250	228.5	15.6	0.0	36.3	\$1,191.4	18
Johnson	JSC4987-3GT	3000GT	P250	227.3	15.4	3.0	34.3	\$1,187.9	22
Kruger	K-7495	VT3P	P250	227.1	13.7	0.0	36.8	\$1,210.0	10
Stine	9311VT3Pro	VT3P	P250	227.0	13.9	0.0	33.8	\$1,206.7	11
Gold Country	96-20	VT3P	P250	226.0	14.2	0.0	34.8	\$1,197.3	14
Johnson	JSC4986VT3	VT3	P250	225.8	14.4	0.0	35.3	\$1,193.6	16
Renk	RK580VT3	VT3	P250	225.6	13.9	1.3	34.8	\$1,199.3	13
Enestvedt	E657VT3	VT3	C250	225.3	13.3	0.0	35.8	\$1,205.8	12
NuTech	G2 5X-500^	HXT,RR2	C250	225.0	15.1	0.0	35.8	\$1,179.9	25
Stine	9417VT3	VT3	P250	224.0	13.8	0.0	36.3	\$1,192.1	17
NuTech	3T-098	VT3	C250	224.0	14.3	0.0	36.8	\$1,185.4	23
Wensman	W7143VT3	VT3	P250	223.8	13.6	0.0	34.8	\$1,193.7	15
LG Seeds	LG2426VT3	VT3	P250	223.2	13.7	0.0	37.3	\$1,189.2	21
Renk	RK575VT3	VT3	P250	223.0	13.6	0.0	34.3	\$1,189.5	20
Mycogen	2P486	SS	C250	222.6	13.4	0.0	35.8	\$1,190.0	19
Mustang	4313VT3	VT3	P250	221.9	13.5	0.0	35.8	\$1,184.9	24
NuTech	5N-695	3000GT	C250	221.8	14.1	0.3	32.9	\$1,176.4	30
Anderson	812VT3	VT3	C250	221.4	13.9	0.0	36.8	\$1,177.0	27
Renk	RK559VT3P	VT3P	P250	221.4	13.9	0.0	33.8	\$1,177.0	28
Wensman	W7270VT3Pro	VT3P	P250	221.2	13.7	0.0	35.8	\$1,178.6	26
Channel	193-46VT3	VT3	P250	221.1	13.8	0.0	36.8	\$1,176.7	29
Pioneer	P9494XR GC	HXT,RR2	C250	220.7	13.7	0.0	34.3	\$1,175.9	31
Dekalb	DKC48-37 CK	VT3	P250	230.4	13.7	0.0	34.8	\$1,227.6	6
Test Average =				220.7	14.1	0.3	35.3	\$1,171.1	
LSD (0.10) =				14.7	0.4	2.9			
C.V. =				4.9	2.2				

TEST COMMENTS: *Rapid growth and early physiological maturity at this site was a result of warm temperatures and plentiful rainfall all summer - although emergence was a bit uneven in this corn on corn field. Gary and Mark told me that heavy rains prior to last years' harvest, plus heavy rains this summer, lowered yield potential in some fields.* Lat: N44.86118, Long: W94.14617

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.25

[†] **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} IST: AVC - Avicta Complete, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

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. **GC** = grower chosen product, * = brands without a seed lot number **ns** = not significantly different

2010 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]
FULL SEASON TEST

Gary & Mark Krcil, McLeod County, MN 55336 [GLENCOE]

99 - 102 Day CRM

BOMNWC02b

PREV. CROP/HERB: Corn / Harness, Glyphoste, Callisto

SOIL DESCRIPTION: Le Sueur-Cordova clay loam, well drained, conventional w/ fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.7 pH, 5.1% OM

PEST MANAGEMENT: Force, Roundup, SelectMax

30" ROW SPACING

FERTILITY - Applied N: 150 Fall, 30 Spring,

Applied N-P-K (units): 180-40-30

SEEDED - RATE: Apr 27 36,500 /A

TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 19 34,600 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Fielders Choice	NG6583	VT3	P250	257.6	15.8	0.0	33.8	\$1,340.0	1
NuTech	3T-401	VT3	C250	245.4	15.8	0.0	36.8	\$1,276.6	3
NuTech	5N-102	3000GT	C250	243.3	16.4	0.0	34.9	\$1,256.9	5
Dekalb	DKC50-35 GC	VT3	P250	241.7	14.2	0.0	35.3	\$1,280.5	2
Croplan	4338VT3 GC	VT3	C250	240.2	14.8	0.0	35.8	\$1,263.9	4
Wensman	W7289VT3	VT3	P250	239.2	15.4	0.0	34.3	\$1,250.1	7
NuTech	5N-001	3000GT	C250	238.6	17.2	0.0	33.8	\$1,221.2	18
Kruger	K-6102VT3	VT3	C250	238.1	16.0	0.0	34.4	\$1,235.7	12
Mycogen	2H490	SS	C250	237.5	15.9	0.0	34.8	\$1,234.1	13
Dekalb	DKC53-78 GC	SS	P250	237.5	16.3	0.0	34.8	\$1,228.4	14
Pioneer	P9990XR GC	HXT,RR2	C250	237.3	15.4	1.3	34.8	\$1,240.1	10
Channel	199-55VT3	VT3	P250	237.2	14.2	0.0	37.8	\$1,256.7	6
Trelay	5VT379	VT3	P250	236.5	14.9	0.0	35.3	\$1,243.0	8
Anderson	626R	RR2	None	236.2	14.9	0.0	35.8	\$1,241.5	9
Dekalb	DKC52-59 GC	VT3	P250	234.7	14.7	0.0	31.0	\$1,236.4	11
Channel	201-16VT3	VT3	P250	233.9	15.7	0.0	32.9	\$1,218.2	19
Wensman	W7267VT3	VT3	P250	232.8	14.7	0.0	34.3	\$1,226.4	15
Kruger	K-6201VT3	VT3	P250	232.1	16.1	0.0	35.3	\$1,203.2	22
LG Seeds	LG2478VT3Pro	VT3P	P250	231.7	14.4	0.0	35.3	\$1,224.8	16
AgSource	3A-098	RR2	C250	231.2	14.3	0.3	33.9	\$1,223.5	17
Dekalb	DKC50-66 GC	VT3	P250	230.1	14.5	0.0	36.3	\$1,214.9	20
Wensman	W6307RR	RR2	P250	229.9	15.8	0.0	34.8	\$1,195.9	26
Dairyland	ST9500Q	HXT,RR2	C250	229.9	16.3	0.0	35.8	\$1,189.0	30
Gold Country	100-07	VT3	P250	228.6	14.5	0.0	35.3	\$1,207.0	21
NuTech	3T-300	VT3	C250	228.3	15.2	0.0	33.9	\$1,195.8	27
Johnson	JSC4991RR	RR2	P250	228.1	15.2	3.0	34.9	\$1,194.8	29
Kruger	K-6399VT3	VT3	P250	227.9	14.8	0.0	36.8	\$1,199.2	24
Pannar	6D-409	VT3	C250	227.5	14.6	0.0	36.3	\$1,199.8	23
Anderson	605VT3	VT3	C250	227.4	14.9	0.0	33.9	\$1,195.2	28
Fielders Choice	NG6546	VT3	P250	226.6	14.3	0.0	34.8	\$1,199.2	25
Dekalb	DKC48-37 CK	VT3	P250	207.2	14.5	0.0	34.8	\$1,094.0	51
Test Average =				228.4	15.5	0.1	34.6	\$1,192.0	
LSD (0.10) =				13.5	0.7	1.2			
C.V. =				4.4	3.5				

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 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/25/2010

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2[®] brand seed is distributed by NuTech Seed, LLC. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
CB/LL	Agrisure [®] CB/LL
CB/LL/RW	Agrisure [®] CB/LL/RW
GT	Agrisure [®] GT
GT/CB/LL	Agrisure [®] GT/CB/LL
HX	HERCULEX [®] I Insect Protection
HXT	HERCULEX [®] XTRA Insect Protection
LL	LibertyLink [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

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