

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

Donn Cunningham, Renville County, MN 55342 [HECTOR]

93 - 98 Day CRM

PREV. CROP/HERB: Sweet Corn / Laddok B0MNWC05a
 SOIL DESCRIPTION: Webster clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.9 pH, 4.4% OM
 PEST MANAGEMENT: Force, Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 175 Spring,
 Applied N-P-K (units): 175-100-60
 SEEDED - RATE: Apr 28 36,500 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 20 34,900 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	G2 5H-696^	HX,RR2	C250	252.2	15.3	0.0	34.8	\$1,319.5	1
Producers	5784VT3	VT3	P250	239.8	14.6	0.0	35.8	\$1,264.7	2
Kruger	K-7495	VT3P	P250	234.3	14.3	0.0	37.3	\$1,239.9	3
Wensman	W7273VT3	VT3	P250	233.4	14.6	0.0	34.3	\$1,231.0	4
NuTech	G2 5X-895^	HXT,RR2	C250	232.8	15.0	0.0	32.4	\$1,222.2	6
Channel	196-06VT3	VT3	P250	231.9	14.7	0.0	34.8	\$1,221.6	7
Trelay	4VP643	VT3P	P250	231.5	14.2	0.0	33.4	\$1,226.5	5
Stine	9417VT3	VT3	P250	230.9	14.5	0.3	33.8	\$1,219.2	8
Anderson	628R	RR2	None	230.1	14.3	0.0	37.3	\$1,217.7	10
LG Seeds	LG2469VT3	VT3	P250	230.1	14.4	0.0	36.8	\$1,216.3	11
Pannar	5D-303	VT3	C250	229.8	14.8	0.0	37.3	\$1,209.2	18
Gold Country	95-50	VT3	P250	229.7	14.4	0.0	32.4	\$1,214.2	13
Channel	194-27VT3	VT3	P250	229.7	14.5	0.0	35.3	\$1,212.8	14
Channel	197-14VT3	VT3	P250	229.6	14.5	0.0	35.8	\$1,212.3	16
Stine	9311VT3Pro	VT3P	P250	229.3	15.0	0.0	35.3	\$1,203.8	20
NuTech	3T-098	VT3	C250	229.1	14.3	0.0	33.4	\$1,212.4	15
Renk	RK580VT3	VT3	P250	228.9	14.3	0.0	37.3	\$1,211.3	17
Kruger	K-6194VT3	VT3	P500,V	228.8	14.0	0.0	35.3	\$1,214.9	12
Kruger	K-7593	VT3P	P250	227.6	14.3	0.0	32.9	\$1,204.5	19
Renk	RK559VT3P	VT3P	P250	226.8	14.8	0.0	34.4	\$1,193.4	22
NuTech	5H-797A	HX,RR2	C250	226.6	15.5	6.0	35.3	\$1,182.9	25
Gold Country	96-20	VT3P	P250	225.6	14.2	0.0	37.3	\$1,195.2	21
Gold Country	96-22	SS	P250	225.6	14.8	0.0	36.3	\$1,187.1	24
LG Seeds	LG2426VT3	VT3	P250	225.4	14.4	1.3	34.8	\$1,191.5	23
Fielders Choice	NG6446	VT3	P250	221.9	14.0	0.0	37.3	\$1,178.3	26
Producers	5804VT3Pro	VT3P	P250	221.7	14.2	0.0	35.8	\$1,174.6	27
Renk	RK575VT3	VT3	P250	221.3	14.4	0.0	36.8	\$1,169.8	28
Mustang	4367VT3	VT3	P250	221.0	14.3	0.0	35.8	\$1,169.5	29
Enestvedt	E657VT3	VT3	C250	219.9	13.9	0.0	33.9	\$1,169.0	30
Dairyland	ST9395	VT3	C250	219.4	14.0	0.0	32.9	\$1,165.0	31
Dekalb	DKC48-37 CK	VT3	P250	231.2	14.7	0.0	33.4	\$1,218.0	9
Test Average =				221.1	14.6	0.6	34.9	\$1,165.8	
LSD (0.10) =				13.5	0.5	n.s.			
C.V. =				4.5	2.4				


 F.I.R.S.T. Manager

TEST COMMENTS: Warm weather and too much rain allowed the corn to grow quickly and reach physiological maturity at an early date this year. Lodging was not an issue for the most part, although 40 mph winds while harvesting were tipping some hybrids over on this day. As Donn said of the growing season, "it was wetter than heck!"

Lat: N44.7347, Long: W94.77175

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

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

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Report Date: 10/26/2010

Revised:

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

Donn Cunningham, Renville County, MN 55342 [HECTOR]

99 - 102 Day CRM

BOMNWC05b

PREV. CROP/HERB: Sweet Corn / Laddok

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

SOIL CONDITIONS: High P, high K, 6.9 pH, 4.4% OM

PEST MANAGEMENT: Force, Roundup, Callisto

30" ROW SPACING

FERTILITY - Applied N: 175 Spring,

Applied N-P-K (units): 175-100-60

SEEDED - RATE: Apr 28 36,500 /A

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

HARVESTED - STAND: Oct 20 34,700 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	G2 5H-501^	HX,RR2	C250	255.4	16.1	0.0	33.9	\$1,324.0	2
Dekalb	DKC50-35 GC	VT3	P250	255.3	14.7	0.0	35.8	\$1,344.9	1
NuTech	G2 5H-502^	HX,RR2	C250	250.1	16.1	0.0	36.8	\$1,296.5	3
Kruger	K-6201VT3	VT3	P250	248.6	16.1	3.0	31.9	\$1,288.7	5
Croplan	4338VT3 GC	VT3	C250	247.2	15.1	0.0	35.3	\$1,296.3	4
Channel	201-16VT3	VT3	P250	246.4	15.5	0.0	33.4	\$1,286.2	6
Gold Country	101-01	VT3	P250	244.2	15.5	0.0	33.4	\$1,274.7	8
Trelay	6VT154	VT3	P250	244.0	15.9	0.0	32.4	\$1,267.8	9
Kruger	K-7302	VT3P	P250	243.6	15.9	0.0	33.9	\$1,265.7	10
Wensman	W8364STX	SS	P250	242.9	16.9	3.0	36.3	\$1,247.5	16
Fielders Choice	NG6583	VT3	P250	242.4	16.4	0.0	35.3	\$1,252.2	15
Dekalb	DKC50-66 GC	VT3	P250	242.2	14.5	0.0	36.3	\$1,278.8	7
Johnson	JSC4991RR	RR2	P250	240.8	15.3	0.0	34.3	\$1,259.9	11
Kruger	K-6102VT3	VT3	C250	239.8	15.0	0.0	35.8	\$1,259.0	12
Pioneer	P9990XR GC	HXT,RR2	C250	238.2	15.5	0.0	34.4	\$1,243.4	18
Dekalb	DKC53-78 GC	SS	P250	238.1	15.8	0.0	34.3	\$1,238.6	22
Pannar	6D-409	VT3	C250	237.9	14.4	0.0	33.8	\$1,257.5	13
NuTech	3T-401	VT3	C250	237.5	15.5	1.3	32.9	\$1,239.8	21
Channel	199-55VT3	VT3	P250	237.4	14.3	0.0	35.3	\$1,256.3	14
Producers	6114VT3	VT3	P250	237.4	15.2	3.0	35.3	\$1,243.5	17
NuTech	3T-300	VT3	C250	237.0	15.1	0.0	33.9	\$1,242.8	20
Wensman	W6307RR	RR2	P250	236.2	14.8	1.3	35.8	\$1,242.9	19
Johnson	JSC4026VT3	VT3	P250	235.8	15.7	0.0	35.4	\$1,228.0	26
Wensman	W7289VT3	VT3	P250	235.6	15.0	0.0	36.8	\$1,236.9	23
Stine	9421RR	RR2	P250	235.6	15.3	0.0	34.3	\$1,232.7	25
Renk	RK619SSTX	SS	P250	235.5	15.6	0.0	37.3	\$1,227.9	27
Johnson	JSC4016VT3	VT3	P250	235.0	15.7	0.0	35.3	\$1,223.9	29
Wensman	W7267VT3	VT3	P250	233.2	14.2	0.0	35.8	\$1,235.5	24
Pannar	5E-801	VT3	C250	230.7	14.3	0.0	34.8	\$1,220.9	31
Fielders Choice	NG6510	VT3	P250	230.4	14.1	0.0	34.8	\$1,222.0	30
Dekalb	DKC48-37 CK	VT3	P250	231.9	14.3	0.0	35.8	\$1,227.2	28
Test Average =				232.8	15.2	0.9	34.7	\$1,219.4	
LSD (0.10) =				12.8	0.1	n.s.			
C.V. =				4.0	0.6				


 F.I.R.S.T. Manager

TEST COMMENTS: Warm weather and too much rain allowed the corn to grow quickly and reach physiological maturity at an early date this year. Lodging was not an issue for the most part, although 40 mph winds while harvesting were tipping some hybrids over on this day. As Donn said of the growing season, "it was wetter than heck!"

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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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