

2010 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]
 Tom Walsh, Meeker County, MN 55355 [LITCHFIELD]

EARLY SEASON TEST
93 - 98 Day CRM

PREV. CROP/HERB: Soybean / Roundup twice, Cobalt B0MNWC01a

SOIL DESCRIPTION: Kandiyohi clay, well drained, minimum w/ fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 5.9 pH, 6.6% OM

PEST MANAGEMENT: Force, Harness, Roundup Weathermax, Status 30" ROW SPACING

FERTILITY - Applied N: 155 Fall,

Applied N-P-K (units): 155-26-90

SEEDED - RATE: Apr 28 36,500 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 19 35,100 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	3T-098	VT3	C250	244.4	16.0	0.0	36.3	\$1,268.4	1
Channel	196-06VT3	VT3	P250	240.4	16.5	0.0	37.3	\$1,240.5	3
Kruger	K-6194VT3	VT3	P500,V	237.7	14.8	0.0	35.8	\$1,250.8	2
Gold Country	96-20	VT3P	P250	235.9	14.9	0.0	36.8	\$1,239.9	4
Renk	RK580VT3	VT3	P250	235.6	15.8	0.0	34.9	\$1,225.6	5
Producers	5784VT3	VT3	P250	234.0	15.3	0.0	32.9	\$1,224.3	6
Wensman	W7273VT3	VT3	P250	232.2	16.0	0.0	34.9	\$1,205.1	8
NuTech	5H-797A	HX,RR2	C250	231.3	16.2	0.0	32.9	\$1,197.7	12
Gold Country	95-50	VT3	P250	230.9	14.6	0.0	33.9	\$1,217.8	7
LG Seeds	LG2469VT3	VT3	P250	230.8	16.2	0.0	35.3	\$1,195.1	14
Stine	9417VT3	VT3	P250	230.1	16.3	0.0	37.3	\$1,190.1	17
Pannar	5A-125	VT3	C250	230.0	15.4	0.0	34.8	\$1,202.0	10
Kruger	K-7495	VT3P	P250	229.8	15.3	0.0	35.8	\$1,202.3	9
Trelay	4VP726	VT3P	P250	229.4	15.2	0.0	36.8	\$1,201.6	11
Renk	RK559VT3P	VT3P	P250	228.3	15.7	0.0	34.4	\$1,189.0	18
Titan Pro	9094GL	CB/LL/RW	C250	228.0	15.1	0.3	35.8	\$1,195.6	13
Trelay	4VP643	VT3P	P250	228.0	15.2	0.0	36.8	\$1,194.3	15
Channel	194-27VT3	VT3	P250	227.8	15.6	0.0	36.8	\$1,187.7	19
Kruger	K-7593	VT3P	P250	226.5	14.8	0.0	38.3	\$1,191.8	16
NuTech	G2 5X-895^	HXT,RR2	C250	226.4	16.3	0.0	32.4	\$1,170.9	21
Johnson	JSC4986VT3	VT3	P250	225.2	16.6	0.0	32.4	\$1,160.7	26
Channel	197-14VT3	VT3	P250	224.8	16.4	0.0	35.3	\$1,161.3	25
Pioneer	P9494XR GC	HXT,RR2	C250	223.5	15.1	0.0	36.3	\$1,172.0	20
Anderson	628VT3	VT3	C250	223.2	15.1	0.0	33.9	\$1,170.5	22
Wensman	W7143VT3	VT3	P250	222.4	15.4	0.0	35.8	\$1,162.3	24
Pannar	5B-960	VT3	C250	222.4	15.9	0.0	33.9	\$1,155.6	28
Pannar	5D-303	VT3	C250	222.0	15.9	0.0	35.8	\$1,153.5	30
Enestvedt	E657VT3	VT3	C250	221.4	14.4	0.0	34.8	\$1,170.3	23
Titan Pro	80A95GL	3000GT	C250	220.2	15.5	0.0	33.4	\$1,149.4	31
Mycogen	2P486	SS	C250	220.0	15.1	0.0	34.9	\$1,153.7	29
Dekalb	DKC48-37 CK	VT3	P250	220.4	15.1	0.0	34.8	\$1,155.8	27
Test Average =				221.4	15.5	0.0	35.1	\$1,155.3	
LSD (0.10) =				10.0	0.4	n.s.			
C.V. =				3.3	2.1				

TEST COMMENTS: *The corn got off to an excellent start after a warm, early spring. Rainfall was plentiful all growing season, to the point of excess. Lodging was low here, in spite of the tall, thin stalks. This plot sloped gently downhill to the east, so excess water did not accumulate in the soil of this site.*

Lat: N45.08335, Long: W94.6393

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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Revised:

2010 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]
 Tom Walsh, Meeker County, MN 55355 [LITCHFIELD]

FULL SEASON TEST
99 - 102 Day CRM

PREV. CROP/HERB: Soybean / Roundup twice, Cobalt BOMNWC01b
 SOIL DESCRIPTION: Kandiyohi clay, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 5.9 pH, 6.6% OM
 PEST MANAGEMENT: Force, Harness, Roundup Weathermax, Status 30" ROW SPACING
 FERTILITY - Applied N: 155 Fall,
 Applied N-P-K (units): 155-26-90
 SEEDING - RATE: Apr 28 36,500 /A TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 19 34,300 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-6201VT3	VT3	P250	239.7	18.3	0.0	35.8	\$1,211.0	8
Croplan	4338VT3 GC	VT3	C250	239.4	16.9	0.0	34.8	\$1,229.6	1
Dekalb	DKC53-78 GC	SS	P250	238.2	18.0	0.0	34.4	\$1,207.7	9
Anderson	605VT3	VT3	C250	236.9	16.9	0.0	37.8	\$1,216.7	4
Channel	199-55VT3	VT3	P250	236.8	16.7	0.0	31.4	\$1,219.0	2
Gold Country	102-05	VT3	P250	236.7	17.2	0.0	35.8	\$1,211.4	7
Dekalb	DKC50-66 GC	VT3	P250	234.6	16.0	0.0	36.3	\$1,217.6	3
Fielders Choice	NG6510	VT3	P250	234.3	16.1	0.0	34.3	\$1,214.6	5
Dekalb	DKC52-59 GC	VT3	P250	232.4	16.4	0.0	31.4	\$1,200.6	10
Anderson	103R	RR2	None	231.8	18.9	0.3	31.9	\$1,162.7	20
Channel	201-16VT3	VT3	P250	231.4	17.5	0.0	33.4	\$1,180.1	13
Gold Country	98-90	VT3P	P250	230.7	17.1	0.0	33.9	\$1,182.1	12
LG Seeds	LG2498VT3	VT3	P250	230.0	14.5	0.0	35.3	\$1,214.4	6
NuTech	G2 5H-501^	HX,RR2	C250	229.9	17.8	0.3	33.9	\$1,168.4	17
Pannar	6D-409	VT3	C250	229.0	17.7	0.0	32.9	\$1,165.2	18
Kruger	K-6102VT3	VT3	C250	228.7	16.8	0.0	36.8	\$1,176.0	15
Trelay	6VT154	VT3	P250	228.7	18.7	0.0	29.0	\$1,149.9	25
NuTech	3T-300	VT3	C250	228.3	17.7	0.0	34.4	\$1,161.6	22
Fielders Choice	NG6546	VT3	P250	228.1	15.9	0.0	34.8	\$1,185.2	11
Kruger	K-6399VT3	VT3	P250	226.8	16.9	0.0	32.9	\$1,164.8	19
Johnson	JSC4026VT3	VT3	P250	226.8	18.0	0.0	30.5	\$1,149.9	24
Anderson	626R	RR2	None	226.2	16.9	0.0	33.4	\$1,161.8	21
Gold Country	100-07	VT3	P250	226.1	15.8	0.0	35.3	\$1,176.2	14
Producers	6114VT3	VT3	P250	225.9	18.4	0.0	35.3	\$1,139.9	30
Wensman	W7289VT3	VT3	P250	224.0	17.1	0.0	31.9	\$1,147.8	26
AgSource	3A-098	RR2	C250	223.9	16.3	0.0	33.4	\$1,158.0	23
LG Seeds	LG2478VT3Pro	VT3P	P250	223.2	15.2	0.0	34.3	\$1,169.1	16
Wensman	W7267VT3	VT3	P250	221.8	16.3	0.0	34.8	\$1,147.1	28
Stine	9421RR	RR2	P250	221.8	16.8	0.0	36.3	\$1,140.5	29
Dekalb	DKC50-35 GC	VT3	P250	221.6	16.2	0.0	33.8	\$1,147.4	27
Dekalb	DKC48-37 CK	VT3	P250	207.6	15.4	0.0	30.5	\$1,084.9	45
Test Average =				223.6	17.4	0.0	34.3	\$1,142.4	
LSD (0.10) =				11.4	0.5	0.2			
C.V. =				3.7	1.9				

TEST COMMENTS: *The corn got off to an excellent start after a warm, early spring. Rainfall was plentiful all growing season, to the point of excess. Lodging was low here, in spite of the tall, thin stalks. This plot sloped gently downhill to the east, so excess water did not accumulate in the soil of this site.*

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

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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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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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