

2011 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]
EARLY SEASON TEST

Tom Walsh, Meeker County, MN 55355 [LITCHFIELD]

93 - 98 Day CRM

PREV. CROP/HERB: Soybean / Roundup Weather Max, Warrior II B1MNBC06a
 SOIL DESCRIPTION: Hamel-Glencoe silty clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.7 pH, 2.7% OM
 PEST MANAGEMENT: Force, Harness, Status, Roundup WeatherMax 30" ROW SPACING
 FERTILITY - Applied N: 200 Fall,
 Applied N-P-K (units): 200-52-120
 SEEDED - RATE: May 19 35,680 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 13 32,200 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W 7143VT3	VT3	P250	93	201.2	15.2	0.0	32.8	1,206.2	1
Jung	7V429	VT3P	P500	96	200.6	14.9	0.3	32.8	1,203.6	2
Channel	197-32VT3P	VT3P	P500,V	97	200.5	15.5	0.0	32.4	1,200.5	3
Terning	TS8245	3000GT	C250	95	198.7	15.1	0.0	31.0	1,191.7	4
Channel	196-06VT3P	VT3P	P500,V	96	197.8	15.3	0.0	31.4	1,185.3	5
Wensman	W 7268VT3	VT3	P250	96	197.5	15.6	0.0	33.3	1,182.0	6
Stine	9311VT3Pro*	VT3P	C250	93	195.2	15.9	0.0	31.0	1,166.8	7
G2 Genetics	5H-696^*	HX,RR2	C250	96	194.7	16.6	0.0	32.8	1,160.4	8
Titan Pro	89A98GL	3000GT	C250	98	193.6	17.2	3.0	32.8	1,151.0	9
Dyna-Gro	D35RR40	RR2	P250	95	190.6	14.5	0.0	31.9	1,143.6	10
Enestvedt	E651VT3Pro	VT3P	P250	95	189.4	15.4	0.0	31.9	1,134.5	11
Producers	5784VT3	VT3	P500,V	97	189.0	15.6	0.0	33.3	1,131.2	12
G2 Genetics	5X-895^*	HXT,RR2	C250	94	188.3	15.6	0.0	32.3	1,127.0	13
Renk	RK585VT3P	VT3P	P250	95	187.6	14.9	0.0	32.8	1,125.6	14
Dairyland	ST-6494	RR2	C250	94	186.2	14.1	0.0	32.3	1,117.2	16
Croplan	3514VT3 GC	VT3	C250	95	186.2	16.7	0.0	32.8	1,109.3	18
Titan Pro	X81A97	GT/CB/LL	C250	97	185.6	15.3	0.0	31.0	1,112.2	17
Trelay	4VP643	VT3P	P500,V	96	184.4	14.9	0.0	32.3	1,106.4	19
Renk	RK530VT3P	VT3P	P250	94	184.2	16.0	0.0	32.3	1,100.6	20
Fielders Choice	NG6530	STX	P250	99	184.2	17.0	0.0	33.3	1,096.0	26
Channel	195-46STX	STX	P500,V	95	183.7	15.4	0.0	31.9	1,100.4	21
Kruger	K-7495	VT3P	P500,V	95	183.4	14.7	0.0	33.7	1,100.4	22
CBseed	CB3150GT	GT	None	93	183.3	14.5	0.7	32.3	1,099.8	23
LG Seeds	LG2468VT3	VT3	P500,V	97	182.9	15.2	0.0	30.1	1,096.5	24
CBseed	CB3160GTCBLLRW	3000GT	C250	95	182.8	15.1	0.0	32.8	1,096.3	25
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	182.4	15.3	0.0	31.4	1,093.0	27
NuTech	3A-9901*	GT	C250	98	182.1	15.1	0.0	31.9	1,092.1	28
Anderson	812VT3	VT3	C250	93	181.5	15.1	0.0	33.3	1,088.5	29
G2 Genetics	5X-795^	HXT,RR2	P1250,V	94	181.3	14.9	0.0	33.3	1,087.8	30
Anderson	628R	RR2	None	95	180.5	15.1	0.0	31.9	1,082.5	31
Dekalb	DKC48-12 CK	STX	P500,V	98	187.1	14.7	0.0	32.8	1,122.6	15
Test Average =					180.6	15.5	0.1	32.2	1,081.1	
LSD (0.10) =					19.0	0.3	1.3			
C.V. =					7.8	1.7				


 F.I.R.S.T. Manager

TEST COMMENTS: *A very wet spring delayed planting here by a month. Temps were below normal through June, then turned warmer.*
Tom noted that rains continued through mid-August here, leaching all of the N out of the root zone. It finally dried out in late August. Frost
on Sept 15th, while most corn was at half milk line. Soils in the early test were more saturated by rain.

Lat: N45.08425, Long: W-94.61411

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.00

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **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 comparison product, * = brands without a seed lot number; **ns** = not significantly different

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

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Report Date: 10/14/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]

Tom Walsh, Meeker County, MN 55355 [LITCHFIELD]

FULL SEASON TEST
99 - 102 Day CRM

B1MNBC06b

PREV. CROP/HERB: Soybean / Roundup Weather Max, Warrior II
 SOIL DESCRIPTION: Hamel-Glencoe silty clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.7 pH, 2.7% OM
 PEST MANAGEMENT: Force, Harness, Status, Roundup WeatherMax
 FERTILITY - Applied N: 200 Fall,
 Applied N-P-K (units): 200-52-120

30" ROW SPACING

SEEDED - RATE: May 19 35,680 /A
 HARVESTED - STAND: Oct 13 32,400 /A

TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
G2 Genetics	5H-502^*	HX,RR2	C250	102	219.8	18.0	0.0	32.8	1,302.3	1
Trelay	5VP688	VT3P	P500,V	101	216.7	16.2	0.0	31.9	1,293.7	2
Wensman	W 7360VT3	VT3	P250	103	213.0	19.2	0.0	32.8	1,255.6	4
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	212.3	17.4	0.0	33.3	1,261.1	3
Channel	201-16VT3	VT3	P500,V	101	212.2	18.5	0.0	32.8	1,254.6	5
Kruger	K4-9100	STX	P500,V	100	208.8	18.1	0.0	31.0	1,236.6	7
Trelay	6VT154	VT3	P500,V	102	208.8	18.6	0.3	33.7	1,234.0	8
Wensman	W 7290VT3PRO	VT3P	P250	99	208.7	17.6	0.0	31.9	1,238.6	6
Channel	201-85VT3P	VT3P	P500,V	101	208.7	18.6	0.0	31.9	1,233.4	9
Viking	Y84-00RL	3000GT	C250	100	206.9	18.8	0.0	32.8	1,221.7	11
Producers	5904VT3Pro	VT3P	P250	99	206.3	17.0	0.0	31.9	1,227.5	10
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	205.3	17.0	0.0	32.8	1,221.5	12
Gold Country	101-77	VT3	P250	101	204.3	17.2	0.0	31.9	1,214.6	14
Kruger	K-6201VT3	VT3	P500,V	101	204.1	19.2	0.0	32.3	1,203.2	17
Dekalb	DKC51-85 GC	STX	P500,V	101	204.1	19.5	0.0	31.9	1,201.6	19
Dekalb	DKC48-37 GC	VT3	C250	98	204.0	16.9	0.0	33.3	1,214.3	15
NuTech	5N-001*	3000GT	C250	100	203.4	18.6	0.0	32.3	1,202.1	18
Wensman	W 8294VT2PRO	VT2P	P250	99	203.0	16.6	0.0	31.0	1,209.9	16
Producers	6044VT3	VT3	P250	100	202.5	19.4	0.0	32.8	1,192.7	20
Croplan	4338SS GC	STX	C250	100	200.0	19.8	0.0	31.4	1,176.0	23
Dairyland	ST-9399	3000GT	C250	99	199.9	18.5	0.0	31.4	1,181.9	21
Wensman	W 7320VT3PRO	VT3P	P250	101	199.3	18.0	0.0	31.4	1,180.9	22
Renk	RK698VT3	VT3	P250	102	198.9	19.4	0.0	31.9	1,171.5	24
Titan Pro	89A02GL	3000GT	C250	102	198.9	19.8	0.0	32.8	1,169.5	26
NuTech	5B-0205*	GT/CB/LL	C250	102	197.0	17.2	0.0	33.7	1,171.2	25
NuTech	5N-102*	3000GT	C250	102	197.0	18.1	0.0	31.0	1,166.7	27
Anderson	626R	RR2	None	100	195.2	18.6	0.0	31.9	1,153.6	29
Dekalb	DKC50-66 GC	VT3	n/a	100	194.5	17.0	0.0	32.8	1,157.3	28
Dairyland	ST-9799	VT3	C250	99	191.7	16.0	0.0	33.3	1,145.4	30
Titan Pro	80A00GL	3000GT	C250	100	189.7	16.6	0.0	33.3	1,130.6	31
Dekalb	DKC48-12 CK	STX	P500,V	98	204.8	17.0	0.0	31.9	1,218.6	13
Test Average =					198.1	17.9	0.0	32.4	1,174.0	
LSD (0.10) =					14.8	1.1	0.1			
C.V. =					5.5	4.6				


 F.I.R.S.T. Manager

TEST COMMENTS: *A very wet spring delayed planting here by a month. Temps were below normal through June, then turned warmer.*
Tom noted that rains continued through mid-August here, leaching all of the N out of the root zone. It finally dried out in late August. Frost on Sept 15th, while most corn was at half milk line. Soils in the early test were more saturated by rain.

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Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
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® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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