

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

Donn Cunningham, Renville County, MN 55342 [HECTOR]

EARLY SEASON TEST
93 - 98 Day CRM

B1MNBC04a

PREV. CROP/HERB: Sugarbeet / Roundup

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

SOIL CONDITION: 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: May 17 35,680 /A

TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 10 32,300 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Jung	7V429	VT3P	P500	96	193.0	14.5	0.0	31.9	1,158.0	1
LG Seeds	LG2468VT3	VT3	P500,V	97	189.4	14.2	0.0	32.3	1,136.4	2
Renk	RK530VT3P	VT3P	P250	94	188.7	14.6	0.0	31.4	1,132.2	3
Anderson	617R	RR2	None	98	188.5	14.7	0.0	32.3	1,131.0	4
Dyna-Gro	D35RR40	RR2	P250	95	187.8	14.3	0.0	31.4	1,126.8	5
Wensman	W 7270VT3PRO	VT3P	P250	97	185.6	14.3	0.0	31.4	1,113.6	6
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	184.6	14.0	0.0	32.8	1,107.6	7
Wensman	W 7268VT3	VT3	P250	96	183.8	14.6	0.0	30.5	1,102.8	8
Kruger	K4-9599	STX	P500,V	99	183.6	16.1	0.0	32.8	1,096.6	10
Kruger	K-7495	VT3P	P500,V	95	183.5	14.4	0.0	31.4	1,101.0	9
G2 Genetics	5H-696^*	HX,RR2	C250	96	182.3	15.0	0.0	32.3	1,093.8	11
Mustang	4212	VT3P	P500,V	95	181.6	14.1	0.0	33.3	1,089.6	12
Terning	TS8245	3000GT	C250	95	181.1	14.3	0.0	32.3	1,086.6	13
Trelay	5ST192	STX	P500,V	98	180.9	15.4	0.3	32.8	1,083.6	14
Stine	9311VT3Pro*	VT3P	C250	93	180.3	14.8	0.0	33.7	1,081.8	15
Gold Country	93-07	VT3P	P250	93	180.0	14.2	0.3	30.1	1,080.0	16
Anderson	628R	RR2	None	95	179.5	15.2	0.0	33.3	1,076.1	17
Gold Country	98-90	STX	P250	98	178.3	14.6	0.0	31.4	1,069.8	18
CBseed	CB3150GT	GT	None	93	178.1	13.7	0.7	32.8	1,068.6	19
Anderson	628VT3	VT3	C250	96	177.7	13.7	0.0	32.8	1,066.2	20
Gold Country	96-20	VT3P	P250	96	177.4	14.4	0.0	31.9	1,064.4	21
NuTech	3A-9901*	GT	C250	98	177.1	14.6	0.0	31.9	1,062.6	22
NuTech	5N-197*	3000GT	C250	97	176.9	13.6	0.3	33.3	1,061.4	23
Producers	5784VT3	VT3	P500,V	97	176.7	14.1	0.0	31.4	1,060.2	24
Channel	196-06VT3P	VT3P	P500,V	96	176.7	14.8	0.0	33.3	1,060.2	25
Dyna-Gro	D37VP71	VT3P	P250	97	176.1	14.2	0.0	33.7	1,056.6	26
Anderson	812VT3	VT3	C250	93	175.5	14.6	0.0	33.3	1,053.0	27
Trelay	4VP643	VT3P	P500,V	96	175.1	14.0	0.0	33.7	1,050.6	28
Channel	195-46STX	STX	P500,V	95	175.1	14.8	0.0	33.3	1,050.6	29
Enestvedt	E651VT3Pro	VT3P	P250	95	174.8	14.1	0.0	32.8	1,048.8	30
Dekalb	DKC48-12 CK	STX	P500,V	98	174.4	14.5	0.0	31.4	1,046.4	32
					Test Average =	174.1	14.6	0.4	32.3	1,044.2
					LSD (0.10) =	16.9	0.9	ns		
					C.V. =	7.2	4.8			



F.I.R.S.T. Manager

TEST COMMENTS: *A cool, wet spring continued through June. High winds on July 1st caused green snap in some hybrids. However, the plot stood quite well at harvest, with no goosenecking. Rainfall dropped off after mid-July to almost nothing. Warmer temps caused plants to grow tall in spite of the lack of moisture. A killing frost occurred Sept 15th.*

Lat: N44.71128, Long: W-94.74223

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: 10/11/2011

Revised:

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

Donn Cunningham, Renville County, MN 55342 [HECTOR]

FULL SEASON TEST
99 - 102 Day CRM

B1MNBC04b

PREV. CROP/HERB: Sugarbeet / Roundup
 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
 FERTILITY - Applied N: 175 Spring,
 Applied N-P-K (units): 175-100-60

30" ROW SPACING

SEEDED - RATE: May 17 35,680 /A
 HARVESTED - STAND: Oct 10 32,300 /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
Wensman	W 7320VT3PRO	VT3P	P250	101	198.3	15.5	0.0	31.0	1,187.3	1
Gold Country	101-77	VT3	P250	101	194.0	15.3	0.0	33.3	1,162.5	2
Channel	201-16VT3	VT3	P500,V	101	189.6	17.0	0.0	33.7	1,128.1	4
Anderson	605VT3	VT3	C250	100	188.8	14.6	0.0	32.3	1,132.8	3
Producers	6044VT3	VT3	P250	100	187.2	16.7	0.0	31.9	1,115.2	6
Kruger	K-6201VT3	VT3	P500,V	101	187.1	16.4	0.0	31.4	1,116.1	5
G2 Genetics	5H-501^*	HX,RR2	C250	101	186.2	16.6	0.0	32.3	1,109.8	7
Trelay	6VT154	VT3	P500,V	102	185.3	16.6	0.0	32.8	1,104.4	9
Gold Country	100-07	VT3	P250	100	184.7	14.9	0.0	33.3	1,108.2	8
Dekalb	DKC50-66 GC	VT3	n/a	100	183.8	15.7	0.0	32.8	1,099.6	10
Viking	Y84-00RL	3000GT	C250	100	183.5	16.4	0.0	32.8	1,094.6	12
Titan Pro	80A00GL	3000GT	C250	100	182.8	14.5	0.3	32.8	1,096.8	11
Renk	RK698VT3	VT3	P250	102	182.7	15.8	0.0	32.3	1,092.5	13
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	182.5	15.8	0.0	33.7	1,091.4	14
Wensman	W 7360VT3	VT3	P250	103	179.9	16.3	0.0	32.8	1,073.6	16
Dekalb	DKC51-85 GC	STX	P500,V	101	179.7	16.1	0.3	32.3	1,073.3	18
NuTech	5N-001*	3000GT	C250	100	178.9	14.7	0.0	32.3	1,073.4	17
Dekalb	DKC52-59 GC	VT3	n/a	102	178.6	15.0	1.3	33.3	1,071.6	19
Trelay	6VP125	VT3P	P500,V	102	178.5	17.1	0.0	32.3	1,061.6	22
Croplan	4338SS GC	STX	C250	100	178.1	17.2	0.0	32.3	1,058.8	24
Wensman	W 7290VT3PRO	VT3P	P250	99	177.9	15.7	0.0	32.8	1,064.3	20
Dekalb	DKC48-37 GC	VT3	C250	98	177.0	14.6	0.0	33.3	1,062.0	21
Anderson	626R	RR2	None	100	177.0	15.6	0.0	31.4	1,059.3	23
Titan Pro	89A02GL	3000GT	C250	102	176.9	16.2	0.0	32.3	1,056.1	25
G2 Genetics	5H-502^*	HX,RR2	C250	102	175.4	16.5	0.0	31.4	1,045.8	27
Producers	5904VT3Pro	VT3P	P250	99	175.1	14.7	0.0	32.8	1,050.6	26
Wensman	W 8294VT2PRO	VT2P	P250	99	173.5	15.7	0.0	32.3	1,038.0	28
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	172.9	15.0	0.0	31.4	1,037.4	29
Titan Pro	80A01GLV	3111	C250	101	172.9	15.7	0.3	32.8	1,034.4	31
Kruger	K-6399VT3	VT3	P500,V	99	172.8	15.4	0.3	31.4	1,035.1	30
Dekalb	DKC48-12 CK	STX	P500,V	98	179.5	15.0	0.0	32.8	1,077.0	15
Test Average =					176.0	15.8	0.2	32.3	1,052.1	
LSD (0.10) =					18.5	1.1	ns			
C.V. =					7.7	5.3				


 F.I.R.S.T. Manager

TEST COMMENTS: *A cool, wet spring continued through June. High winds on July 1st caused green snap in some hybrids. However, the plot stood quite well at harvest, with no goosenecking. Rainfall dropped off after mid-July to almost nothing. Warmer temps caused plants to grow tall in spite of the lack of moisture. A killing frost occurred Sept 15th.*

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Revised:



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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