

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

Gary & Mark Krcil, Mc Leod County, MN 55336 [GLENCOE]

EARLY SEASON TEST
93 - 98 Day CRM

B1MNBC03a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Cokato loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, high K, 6.2 pH, 4.3% OM
 PEST MANAGEMENT: Force, Dual II Magnum, Roundup
 FERTILITY - Applied N: 140 Fall, 28 Spring,
 Applied N-P-K (units): 168-0-0

30" ROW SPACING

 SEEDED - RATE: May 19 35,680 /A
 HARVESTED - STAND: Oct 10 32,400 /A

TOP 30 OF 63 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
Channel	197-32VT3P	VT3P	P500,V	97	206.9	15.2	0.0	31.9	1,240.4	1
Kruger	K-7194	VT3P	P500,V	94	199.9	14.0	0.0	32.3	1,199.4	2
Enestvedt	E651VT3Pro	VT3P	P250	95	196.4	13.9	0.0	31.9	1,178.4	3
Wensman	W 7143VT3	VT3	P250	93	195.4	14.5	0.0	32.3	1,172.4	4
Gold Country	96-20	VT3P	P250	96	195.0	14.0	0.0	32.3	1,170.0	5
Jung	7V429	VT3P	P500	96	193.4	14.0	0.0	32.8	1,160.4	6
Mustang	4212	VT3P	P500,V	95	192.7	14.1	0.0	32.8	1,156.2	7
Producers	5784VT3	VT3	P500,V	97	192.1	14.4	0.0	33.3	1,152.6	8
Titan Pro	X81A97	GT/CB/LL	C250	97	191.1	15.4	0.0	33.3	1,144.7	10
Channel	196-06VT3P	VT3P	P500,V	96	191.0	14.3	0.0	32.8	1,146.0	9
Gold Country	93-07	VT3P	P250	93	190.4	13.9	0.0	33.3	1,142.4	11
Renk	RK585VT3P	VT3P	P250	95	190.2	14.0	0.0	30.1	1,141.2	12
Kruger	K-7495	VT3P	P500,V	95	190.2	14.0	0.0	32.8	1,141.2	13
G2 Genetics	5H-696A*	HX,RR2	C250	96	190.2	15.6	0.0	31.4	1,138.3	14
Anderson	628R	RR2	None	95	188.9	15.0	0.0	32.8	1,133.4	15
Mustang	4689	VT3	P500,V	95	188.6	15.2	0.0	31.9	1,130.7	16
Croplan	3514VT3 GC	VT3	C250	95	188.5	16.9	0.0	32.4	1,122.0	18
CBseed	CB3150GT	GT	None	93	187.6	14.2	0.0	32.8	1,125.6	17
Renk	RK580VT3	VT3	P250	98	186.8	14.0	0.0	32.8	1,120.8	19
Gold Country	95-15	STX	P500,V	95	185.3	14.2	0.0	32.3	1,111.8	20
NuTech	5N-197*	3000GT	C250	97	183.7	13.9	0.0	32.3	1,102.2	21
Anderson	628VT3	VT3	C250	96	183.4	15.6	0.0	32.8	1,097.6	22
Dairyland	ST-6494	RR2	C250	94	181.9	13.6	0.0	32.4	1,091.4	23
Gold Country	98-90	STX	P250	98	181.8	16.0	0.0	32.8	1,086.3	25
Dyna-Gro	D37VP71	VT3P	P250	97	180.9	14.5	0.0	33.3	1,085.4	26
Dyna-Gro	D35RR40	RR2	P250	95	180.5	14.1	0.0	31.0	1,083.0	27
G2 Genetics	5X-795^	HXT,RR2	P1250,V	94	180.3	15.3	0.0	31.9	1,080.4	29
Terning	TS8229	VT2P	C1250	93	180.2	13.9	0.0	32.8	1,081.2	28
Titan Pro	80A93GL	3000GT	C250	93	179.9	13.6	0.0	32.8	1,079.4	30
Wensman	W 7270VT3PRO	VT3P	P250	97	179.9	14.4	0.0	32.8	1,079.4	31
Dekalb	DKC48-12 CK	STX	P500,V	98	181.4	15.0	0.0	32.3	1,088.4	24
					Test Average =	179.8	14.9	0.0	32.4	1,077.1
					LSD (0.10) =	19.3	0.6	ns		
					C.V. =	7.9	2.9			


 F.I.R.S.T. Manager

TEST COMMENTS: *Wet, cool weather prevailed from April through June. Temps warmed through harvest, with dry weather from July through harvest. This combo of weather extremes caused great variability in this site and all of the Krcils' fields. The hybrids here stood really well at harvest. The field around this plot yielded 180 bpa. The full test lost 1 rep due to variable yield.* Lat: N44.85593, Long: W-94.15594

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

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

Gary & Mark Krcil, Mc Leod County, MN 55336 [GLENCOE]

FULL SEASON TEST
99 - 102 Day CRM

B1MNBC03b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Cokato loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, high K, 6.2 pH, 4.3% OM
 PEST MANAGEMENT: Force, Dual II Magnum, Roundup
 FERTILITY - Applied N: 140 Fall, 28 Spring,
 Applied N-P-K (units): 168-0-0


30" ROW SPACING

 SEEDED - RATE: May 19 35,680 /A
 HARVESTED - STAND: Oct 10 32,500 /A

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

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	201-16VT3	VT3	P500,V	101	214.3	15.1	0.0	32.1	1,285.3	1
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	207.4	14.1	0.0	34.2	1,244.4	2
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	204.9	14.9	0.0	33.5	1,229.4	3
Titan Pro	80A01GLV	3111	C250	101	200.0	15.3	0.0	32.1	1,198.5	4
Dekalb	DKC51-85 GC	STX	P500,V	101	199.7	15.1	0.0	32.2	1,197.7	5
Trelay	5VP688	VT3P	P500,V	101	199.2	14.5	0.0	33.5	1,195.2	6
Producers	5904VT3Pro	VT3P	P250	99	198.8	14.1	0.0	33.5	1,192.8	7
Wensman	W 8294VT2PRO	VT2P	P250	99	198.6	14.1	0.0	32.8	1,191.6	8
Dekalb	DKC48-37 GC	VT3	C250	98	197.6	13.8	0.0	32.1	1,185.6	9
NuTech	5N-001*	3000GT	C250	100	197.2	17.0	0.0	32.1	1,173.3	11
G2 Genetics	5H-501^*	HX,RR2	C250	101	195.2	15.2	0.0	32.2	1,170.2	12
Wensman	W 7290VT3PRO	VT3P	P250	99	194.5	14.1	0.0	32.8	1,167.0	13
Wensman	W 7360VT3	VT3	P250	103	193.9	15.4	0.0	30.8	1,161.5	15
Gold Country	101-77	VT3	P250	101	193.8	14.6	0.0	31.5	1,162.8	14
Dairyland	ST-9399	3000GT	C250	99	192.9	15.4	0.0	32.8	1,155.5	16
G2 Genetics	5X-0001^	HXT,RR2	P1250,V	100	192.6	16.4	0.0	32.8	1,148.9	17
Renk	RK698VT3	VT3	P250	102	191.5	15.2	0.0	33.5	1,148.0	18
Producers	6044VT3	VT3	P250	100	189.6	16.5	0.0	32.8	1,130.5	21
NuTech	5B-0205*	GT/CB/LL	C250	102	189.5	14.2	0.0	31.5	1,137.0	19
Dekalb	DKC52-59 GC	VT3	n/a	102	189.0	14.3	0.0	30.8	1,134.0	20
Kruger	K4-9100	STX	P500,V	100	187.8	15.0	0.0	33.5	1,126.8	22
Titan Pro	89A02GL	3000GT	C250	102	187.7	16.8	0.0	31.5	1,117.8	26
Anderson	626R	RR2	None	100	187.1	14.4	0.0	33.5	1,122.6	23
Trelay	6VT154	VT3	P500,V	102	187.1	15.0	0.0	32.8	1,122.6	24
Pioneer	P9917XR GC	HXT,RR2	C250	99	186.5	14.7	0.0	32.8	1,119.0	25
Anderson	605VT3	VT3	C250	100	186.2	13.9	0.0	31.5	1,117.2	27
Gold Country	100-07	VT3	P250	100	183.5	13.9	0.0	32.1	1,101.0	28
Stine	9417VT3*	VT3	C250	100	183.4	14.1	0.0	32.8	1,100.4	29
NuTech	5N-102*	3000GT	C250	102	183.0	15.5	0.0	32.8	1,095.7	30
Dairyland	ST-9799	VT3	C250	99	181.7	14.0	0.0	31.5	1,090.2	31
Dekalb	DKC48-12 CK	STX	P500,V	98	196.6	13.9	0.0	32.1	1,179.6	10
Test Average =					188.1	15.0	0.0	32.5	1,126.8	
LSD (0.10) =					18.2	0.9	ns			
C.V. =					5.8	3.4				


 F.I.R.S.T. Manager

TEST COMMENTS: *Wet, cool weather prevailed from April through June. Temps warmed through harvest, with dry weather from July through harvest. This combo of weather extremes caused great variability in this site and all of the Krcils' fields. The hybrids here stood really well at harvest. The field around this plot yielded 180 bpa. The full test lost 1 rep due to variable yield.* Lat: N44.85593, Long: W-94.15594

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



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent