

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

Wayne & Dale Bjorklund, Nicollet County, MN 56074 [NICOLLET]

93 - 98 Day CRM

PREV. CROP/HERB: Soybean / Roundup twice B0MNWC03a
 SOIL DESCRIPTION: Webster clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4.2% OM
 PEST MANAGEMENT: Force, Harness, Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 150 Fall, 23 Spring,
 Applied N-P-K (units): 173-60-75
 SEEDED - RATE: Apr 29 36,500 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 15 33,200 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-7495	VT3P	P250	230.5	14.4	0.0	35.3	\$1,218.4	1
Trelay	4VP643	VT3P	P250	229.5	14.4	0.0	34.3	\$1,213.1	2
Producers	5784VT3	VT3	P250	228.1	14.4	0.0	31.0	\$1,205.7	3
Kruger	K-6194VT3	VT3	P500,V	223.4	14.1	0.0	32.9	\$1,184.9	4
NuTech	5H-797A	HX,RR2	C250	221.7	15.2	0.0	33.9	\$1,161.3	6
Renk	RK580VT3	VT3	P250	220.4	14.3	0.0	32.4	\$1,166.4	5
Channel	196-06VT3	VT3	P250	219.1	15.1	0.0	34.3	\$1,149.0	8
Channel	194-27VT3	VT3	P250	215.9	14.7	1.3	31.9	\$1,137.4	11
Wensman	W7273VT3	VT3	P250	215.9	14.8	0.0	32.9	\$1,136.1	12
LG Seeds	LG2426VT3	VT3	P250	214.7	14.2	0.0	32.4	\$1,137.5	9
Gold Country	96-20	VT3P	P250	214.7	14.2	0.0	36.8	\$1,137.5	10
Channel	193-46VT3	VT3	P250	213.5	14.2	0.0	34.4	\$1,131.1	14
Channel	197-14VT3	VT3	P250	213.5	14.4	0.0	25.1	\$1,128.6	16
Trelay	4VT456	VT3	P250	213.5	14.6	0.0	34.3	\$1,126.0	20
Renk	RK575VT3	VT3	P250	213.3	14.1	0.0	35.8	\$1,131.3	13
Kruger	K-7593	VT3P	P250	213.1	14.4	0.0	31.9	\$1,126.4	18
Mustang	4313VT3	VT3	P250	213.0	14.2	0.0	32.9	\$1,128.5	17
Gold Country	95-50	VT3	P250	212.5	14.4	0.0	32.4	\$1,123.3	22
Dairyland	ST6494	HXT,RR2	C250	212.4	14.2	0.3	32.4	\$1,125.3	21
Dairyland	ST9395	VT3	C250	212.1	13.7	0.0	33.9	\$1,130.1	15
Gold Country	95-11	VT3	P250	212.1	14.0	0.0	31.5	\$1,126.3	19
NuTech	5N-197	3000GT	C250	212.0	15.3	0.0	31.5	\$1,109.2	26
Pannar	5B-960	VT3	C250	211.9	14.9	0.0	35.3	\$1,113.7	24
Pannar	5D-303	VT3	C250	210.8	14.7	0.0	35.3	\$1,110.5	25
Anderson	628R	RR2	None	210.3	14.1	0.0	31.5	\$1,115.4	23
Renk	RK559VT3P	VT3P	P250	210.2	14.7	0.0	31.4	\$1,107.3	27
Stine	9417VT3	VT3	P250	209.7	14.5	0.0	34.8	\$1,107.2	28
Anderson	811R	RR2	None	209.2	14.3	0.0	34.9	\$1,107.1	29
Titan Pro	80A95GL	3000GT	C250	209.2	14.5	3.0	34.4	\$1,104.6	30
Wensman	W7270VT3Pro	VT3P	P250	208.1	14.1	0.0	32.9	\$1,103.8	31
Dekalb	DKC48-37 CK	VT3	P250	219.9	14.5	1.3	31.9	\$1,161.1	7
Test Average =				207.7	14.6	0.3	33.2	\$1,095.7	
LSD (0.10) =				15.4	0.8	1.9			
C.V. =				5.5	3.8				

TEST COMMENTS: *The growing season brought warm, wet conditions, allowing for rapid growth and early maturity. This site missed the severe damage caused by June hail and tornados that hit this area. Some plots showed evidence of corn being trampled by deer or raccoons.*

Lat: N44.39239, Long: W94.16789

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

AgSCI Copyright 2010

Report Date: 10/18/2010

Revised:

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

Wayne & Dale Bjorklund, Nicollet County, MN 56074 [NICOLLET]

99 - 102 Day CRM

BOMNWC03b

PREV. CROP/HERB: Soybean / Roundup twice
 SOIL DESCRIPTION: Webster clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4.2% OM
 PEST MANAGEMENT: Force, Harness, Roundup, Callisto
 FERTILITY - Applied N: 150 Fall, 23 Spring,
 Applied N-P-K (units): 173-60-75

30" ROW SPACING

SEEDED - RATE: Apr 29 36,500 /A
 HARVESTED - STAND: Oct 15 33,700 /A

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

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	228.7	16.4	1.3	32.9	\$1,181.5	3
Channel	199-55VT3	VT3	P250	228.5	14.8	0.0	33.4	\$1,202.4	1
AgSource	3A-098	RR2	C250	226.2	14.4	0.0	29.0	\$1,195.7	2
Kruger	K-6102VT3	VT3	C250	225.2	15.5	0.0	33.4	\$1,175.5	4
Johnson	JSC4991RR	RR2	P250	223.0	15.7	0.0	34.4	\$1,161.4	6
NuTech	3T-401	VT3	C250	221.9	15.9	2.7	35.3	\$1,153.0	7
NuTech	G2 5H-502^	HX,RR2	C250	221.4	16.2	0.0	34.4	\$1,146.4	8
Fielders Choice	NG6546	VT3	P250	220.9	14.4	0.0	34.8	\$1,167.7	5
Kruger	K-7302	VT3P	P250	220.2	16.3	0.0	33.4	\$1,138.9	10
Producers	6238STX	SS	P250	218.2	17.7	0.3	32.9	\$1,110.2	28
Wensman	W7289VT3	VT3	P250	218.1	15.9	0.0	32.9	\$1,133.2	14
Croplan	4338VT3 GC	VT3	C250	217.8	15.2	0.0	33.4	\$1,140.8	9
Stine	9421RR	RR2	P250	217.8	15.7	0.0	36.3	\$1,134.3	13
Fielders Choice	NG6583	VT3	P250	217.3	17.1	0.0	35.8	\$1,113.4	23
Channel	201-16VT3	VT3	P250	216.1	15.7	0.0	34.8	\$1,125.4	17
Renk	RK619SSTX	SS	P250	215.7	16.7	3.0	32.4	\$1,110.4	26
Anderson	626R	RR2	None	214.6	15.8	0.3	34.8	\$1,116.3	21
Fielders Choice	NG6510	VT3	P250	214.5	14.2	0.0	32.9	\$1,136.4	12
Trelay	5ST259	SS	P250	214.4	16.2	0.0	35.8	\$1,110.2	27
LG Seeds	LG2498VT3	VT3	P250	214.3	14.0	0.0	33.9	\$1,137.9	11
Pioneer	P9990XR GC	HXT,RR2	C250	214.3	16.0	0.0	35.3	\$1,112.2	24
Dekalb	DKC50-35 GC	VT3	P250	214.1	14.7	0.0	34.8	\$1,127.9	15
Gold Country	98-90	VT3P	P250	213.9	15.9	0.0	33.9	\$1,111.4	25
Kruger	K-6399VT3	VT3	P250	213.5	14.9	0.0	34.3	\$1,122.2	20
Wensman	W7267VT3	VT3	P250	212.8	14.2	0.0	34.3	\$1,127.4	16
Gold Country	100-07	VT3	P250	212.8	14.5	0.0	33.4	\$1,123.6	19
LG Seeds	LG2478VT3Pro	VT3P	P250	212.6	14.3	0.0	33.8	\$1,125.1	18
Anderson	605VT3	VT3	C250	211.6	15.3	0.0	32.9	\$1,107.1	29
Dekalb	DKC52-59 GC	VT3	P250	211.0	14.4	0.0	34.8	\$1,115.3	22
Dekalb	DKC50-66 GC	VT3	P250	209.7	15.0	3.0	32.9	\$1,100.9	30
Dekalb	DKC48-37 CK	VT3	P250	208.4	14.8	0.0	33.8	\$1,096.6	32
Test Average =				210.6	15.7	0.5	33.7	\$1,096.6	
LSD (0.10) =				15.3	0.5	2.0			
C.V. =				5.4	2.2				


 F.I.R.S.T. Manager

TEST COMMENTS: *The growing season brought warm, wet conditions, allowing for rapid growth and early maturity. This site missed the severe damage caused by June hail and tornados that hit this area. Some plots showed evidence of corn being trampled by deer or raccoons.*

Lat: N44.39239, Long: W94.16789

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

AgSCI Copyright 2010

Report Date: 10/18/2010

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 [™]

Trademarks

- Excalibre[™] is a trademark of Advanced Biological Marketing
- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
- Escalate[™] is a trademark of Beck's Superior Hybrids
- 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 Double PRO[™], VT Triple PRO[™], YieldGard[®], YieldGard VT Rootworm/RR2[™], and YieldGard VT Triple[®] are trademarks of Monsanto Technology LLC.
- Agrisure[®], ApronMaxx[®], ApronXL[®], Avicta[®], Cruiser[®], and CruiserMaxx[®] are trademarks of Syngenta.
- Inovate[™] System is a trademark of Valent