

2010 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]
EARLY SEASON TEST

Keith Beito, Chippewa County, MN 56241 [GRANITE FALLS]

97 - 102 Day CRM

PREV. CROP/HERB: Soybean / Roundup Weathermax, Lorsban B0MNSW11a
 SOIL DESCRIPTION: Nicollet-Clarion-Webster clay loam, mod. well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 7.3 pH, 5.7% OM
 PEST MANAGEMENT: Force, Harness, Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 145 Fall,
 Applied N-P-K (units): 145-60-60
 SEEDED - RATE: May 5 36,500 /A TOP 30 OF 80 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 20 33,600 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	G2 5H-502^	HX,RR2	C250	253.4	15.8	0.0	33.4	\$1,318.2	3
Producers	5784VT3	VT3	P250	251.6	14.2	0.0	33.9	\$1,333.0	2
Trelay	5VP688	VT3P	P250	250.9	13.8	0.0	34.4	\$1,335.3	1
NuTech	3T-401	VT3	C250	249.9	15.3	0.0	36.8	\$1,307.5	4
Titan Pro	87A99GL	3000GT	C250	249.1	15.1	0.0	30.5	\$1,306.3	5
Fielders Choice	NG6583	VT3	P250	247.3	15.9	0.0	34.3	\$1,285.0	8
Channel	201-16VT3	VT3	P250	247.2	14.5	0.0	31.9	\$1,305.2	6
Kruger	K-6201VT3	VT3	P250	246.6	15.6	0.3	34.8	\$1,285.8	7
Mycogen	2A551	HXT,RR2	C250	245.4	17.0	0.0	35.3	\$1,258.9	17
Dekalb	DKC50-35 GC	VT3	P250	243.3	14.6	0.0	36.8	\$1,283.2	9
Titan Pro	80A01GL	3000GT	C250	241.8	16.7	1.3	32.9	\$1,244.8	22
Stine	9421RR	RR2	P250	241.2	15.4	0.0	33.9	\$1,260.5	13
NuTech	3T-300	VT3	C250	240.9	15.2	0.0	34.9	\$1,261.8	11
Renze	2181-3000GT	3000GT	C250	240.8	16.2	0.0	32.4	\$1,246.9	21
Titan Pro	89A98GL	3000GT	C250	239.9	15.7	0.0	34.8	\$1,249.4	19
Mycogen	2H490	SS	C250	239.3	16.3	1.3	32.9	\$1,237.7	24
LG Seeds	LG2478VT3Pro	VT3P	P250	239.2	13.6	0.0	33.4	\$1,275.9	10
Gold Country	98-90	VT3P	P250	239.1	14.7	0.0	34.8	\$1,259.6	15
Renze	7131RR2	RR2	C250	238.0	14.4	0.0	33.8	\$1,258.1	18
Jung	7452VT3	VT3	P250	237.7	14.2	0.0	35.8	\$1,259.3	16
Dekalb	DKC50-44 GC	VT3	P250	237.4	14.9	0.0	32.9	\$1,247.8	20
Gold Country	96-20	VT3P	P250	236.7	13.7	0.0	33.9	\$1,261.1	12
Trelay	6VT154	VT3	P250	236.5	15.3	0.0	32.4	\$1,237.4	25
Fielders Choice	NG6455	VT3	P250	235.1	14.7	0.0	33.4	\$1,238.5	23
LG Seeds	LG2498VT3	VT3	P250	234.9	13.1	0.0	34.8	\$1,260.0	14
Anderson	626R	RR2	None	234.7	15.1	0.0	33.4	\$1,230.8	26
Kruger	K-7302	VT3P	P250	234.3	15.7	0.0	34.3	\$1,220.2	27
Gold Country	101-01	VT3	P250	232.5	15.3	0.0	31.0	\$1,216.4	28
Channel	199-55VT3	VT3	P250	229.5	14.3	0.0	32.9	\$1,214.5	29
Dekalb	DKC48-37 GC	VT3	P250	229.2	14.3	0.0	35.8	\$1,212.9	30
Dekalb	DKC52-59 CK	VT3	P250	217.8	14.1	0.0	33.4	\$1,155.2	60
Test Average =				227.9	14.9	0.4	33.6	\$1,197.1	
LSD (0.10) =				15.8	0.3	3.5			
C.V. =				5.2	1.3				

TEST COMMENTS: *Excellent planting conditions and warm temperatures during the growing season allowed for fast growth.*
Big rainfall events of 3, 4, or 5 inches began in June, and never seemed to let up. Plants stood well at harvest, although a 40 mph
wind while harvesting tipped some hybrids over. Keith noted that harvest weather was perfect.

Lat: N44.8619, Long: W95.53888

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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Report Date: 10/26/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]
FULL SEASON TEST

Keith Beito, Chippewa County, MN 56241 [GRANITE FALLS]

103 - 106 Day CRM

PREV. CROP/HERB: Soybean / Roundup Weathermax, Lorsban BOMNSW11b
 SOIL DESCRIPTION: Nicollet-Clarion-Webster clay loam, mod. well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 7.3 pH, 5.7% OM
 PEST MANAGEMENT: Force, Harness, Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 145 Fall,
 Applied N-P-K (units): 145-60-60
 SEEDED - RATE: May 5 36,500 /A TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 20 33,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renze	1219VT3	VT3	C250	253.0	15.1	0.0	34.3	\$1,326.7	1
Dekalb	DKC53-78 GC	SS	P250	252.8	15.7	0.0	35.3	\$1,316.6	2
Jung	7S555	SS	P250	252.3	16.5	0.0	33.4	\$1,301.9	3
Stine	9523VT3	VT3	P250	249.8	16.3	3.0	31.9	\$1,292.0	4
Pioneer	35F44 GC	HXT,RR2	C250	249.8	17.7	0.0	35.8	\$1,271.0	8
NuTech	G2 5X-206^	HXT,RR2	C250	249.7	19.2	0.0	32.9	\$1,248.0	13
LG Seeds	LG2527VT3	VT3	P250	248.4	16.5	0.0	34.8	\$1,281.7	5
Gold Country	101-99	SS	P250	248.1	16.5	0.0	33.4	\$1,280.2	6
NuTech	G2 5X-905^	HXT,RR2	C250	247.7	17.0	0.0	31.5	\$1,270.7	9
NuTech	5N-803	3000GT	C250	245.8	15.7	0.3	33.4	\$1,280.1	7
NuTech	5H-105A	HX,RR2	C250	245.7	17.0	0.0	33.4	\$1,260.4	10
NuTech	5N-804	3000GT	C250	245.3	16.9	0.3	33.4	\$1,259.9	11
Mycogen	2J597	SS	C250	244.8	17.1	5.3	33.9	\$1,254.4	12
Jung	7520VT3	VT3	P250	241.0	16.2	0.0	30.5	\$1,247.9	14
Wensman	W7455VT3	VT3	P250	240.8	18.8	0.0	34.3	\$1,209.3	21
Jung	7610VT3	VT3P	P250	240.5	16.1	0.0	31.4	\$1,246.8	15
Pioneer	36V53 GC	HX,RR2	C250	239.7	16.4	0.0	34.3	\$1,238.3	16
Renze	2190HXT/LL/RR2	HXT,RR2	C250	238.4	17.0	0.3	33.4	\$1,223.0	17
Channel	205-94VT3	VT3	P250	236.1	18.1	3.0	30.9	\$1,195.6	26
Wensman	W8364STX	SS	P250	235.8	16.9	0.3	34.3	\$1,211.1	20
LG Seeds	LG2525RR2	RR2	P250	235.3	16.1	3.3	34.8	\$1,219.8	19
Mustang	6460	3000GT	C250	234.9	17.2	0.0	36.8	\$1,202.2	22
Renk	RK682VT3	VT3	P250	234.6	15.8	0.0	32.4	\$1,220.4	18
Viking	Y54-04RL	3000GT	C250	234.1	17.0	0.0	33.9	\$1,200.9	23
LG Seeds	LG2510STX	SS	P250	232.4	16.8	4.3	32.9	\$1,195.0	27
Titan Pro	80A05GL	3000GT	C250	232.0	16.4	1.3	35.3	\$1,198.5	24
Wensman	W7433VT3	VT3	P250	231.5	16.5	0.0	34.9	\$1,194.5	28
NuTech	G2 5X-007^	HXT,RR2	C250	231.1	17.2	0.0	35.3	\$1,182.8	31
Gold Country	103-09	VT3	P250	230.6	15.9	0.0	29.0	\$1,198.2	25
Renk	RK698VT3	VT3	P250	228.3	15.5	0.0	31.4	\$1,191.7	29
Dekalb	DKC52-59 CK	VT3	P250	226.0	14.9	0.0	33.4	\$1,187.9	30
Test Average =				234.3	16.6	1.0	33.5	\$1,208.2	
LSD (0.10) =				17.5	0.6	3.3			
C.V. =				5.5	2.5				


 F.I.R.S.T. Manager

TEST COMMENTS: *Excellent planting conditions and warm temperatures during the growing season allowed for fast growth.*
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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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