

2010 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]
 Steve Prokosch, Redwood County, MN 56283 [REDWOOD FALLS]

EARLY SEASON TEST
97 - 102 Day CRM

PREV. CROP/HERB: Soybean / Roundup PowerMax B0MNSW12a
 SOIL DESCRIPTION: Normania-Webster clay loam, mod. well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.1 pH, 3.9% OM
 PEST MANAGEMENT: Force, Roundup twice 30" ROW SPACING
 FERTILITY - Applied N: 170 Fall,
 Applied N-P-K (units): 170-60-80
 SEEDING - RATE: May 4 36,500 /A TOP 30 OF 80 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 17 32,300 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	3T-401	VT3	C250	221.8	14.3	0.0	33.4	\$1,173.8	1
AgSource	3T-603A	VT3	C250	221.0	15.6	0.0	34.1	\$1,152.3	2
Fielders Choice	NG6583	VT3	P250	219.3	15.1	0.0	32.7	\$1,150.0	3
Kruger	K-7302	VT3P	P250	215.3	14.4	0.0	32.7	\$1,138.1	4
Producers	6238STX	SS	P250	212.4	15.7	0.0	20.2	\$1,106.2	9
Dekalb	DKC50-44 GC	VT3	P250	212.1	14.0	0.0	31.2	\$1,126.3	5
J Pasker	JP5019GT3	3000GT	P250	211.9	14.2	0.0	32.0	\$1,122.6	7
Channel	199-55VT3	VT3	P250	211.0	13.8	0.0	33.4	\$1,122.9	6
Jung	7S488	SS	P250	210.6	14.2	0.0	32.7	\$1,115.8	8
NuTech	G2 5H-502^	HX,RR2	C250	206.7	14.5	0.0	33.4	\$1,091.4	11
Producers	5784VT3	VT3	P250	206.5	13.7	0.0	32.7	\$1,100.2	10
Dekalb	DKC48-37 GC	VT3	P250	205.3	13.9	0.0	34.1	\$1,091.4	12
Kruger	K-6201VT3	VT3	P250	203.6	14.7	0.0	36.3	\$1,072.6	17
Mycogen	2H490	SS	C250	203.5	14.4	0.0	34.1	\$1,075.7	15
Wensman	W7273VT3	VT3	P250	202.8	14.0	0.0	31.2	\$1,076.9	13
Trelay	6VT154	VT3	P250	202.6	14.5	0.0	25.4	\$1,069.7	20
Renze	7079RR2	RR2	C250	202.2	13.8	0.0	30.5	\$1,076.1	14
Jung	7475VT3	VT3	P250	202.1	14.0	0.0	33.4	\$1,073.2	16
Wensman	W7270VT3Pro	VT3P	P250	201.0	13.7	0.0	32.7	\$1,070.9	19
Enestvedt	E609VT3PRO	VT3P	C250	201.0	14.1	0.0	34.8	\$1,066.1	22
Wensman	W7267VT3	VT3	P250	200.9	13.6	0.0	32.7	\$1,071.6	18
Channel	201-16VT3	VT3	P250	200.8	14.3	0.0	34.1	\$1,062.6	25
Pannar	5E-801	VT3	C250	200.5	13.7	0.0	26.9	\$1,068.3	21
Trelay	5ST259	SS	P250	200.3	14.4	0.0	33.4	\$1,058.8	26
Channel	197-14VT3	VT3	P250	200.0	13.9	0.0	29.1	\$1,063.2	24
Fielders Choice	NG6510	VT3	P250	199.8	13.7	0.0	34.9	\$1,064.5	23
Dekalb	DKC50-66 GC	VT3	P250	199.0	13.9	0.0	32.7	\$1,057.9	27
Stine	9421RR	RR2	P250	198.8	14.2	0.0	34.1	\$1,053.2	29
Renk	RK580VT3	VT3	P250	198.0	13.7	0.0	33.4	\$1,054.9	28
LG Seeds	LG2469VT3	VT3	P250	197.4	13.8	0.0	34.9	\$1,050.6	30
Dekalb	DKC52-59 CK	VT3	P250	194.9	13.9	0.0	25.4	\$1,036.1	39
Test Average =				193.9	14.1	0.0	32.3	\$1,028.1	
LSD (0.10) =				20.9	0.3	n.s.			
C.V. =				6.5	1.3				

TEST COMMENTS: *The warm and wet growing season allowed rapid crop development and resulted in earlier black layer than in the past several years. Excess water reduced early test yield in the third horizontal replication. This rep was removed to reveal true product performance. The full season test was not as affected by the excess water.*
Lat: N44.42293, Long: W95.12165

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

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

Steve Prokosch, Redwood County, MN 56283 [REDWOOD FALLS]

103 - 106 Day CRM

PREV. CROP/HERB: Soybean / Roundup PowerMax

BOMNSW12b

SOIL DESCRIPTION: Normania-Webster clay loam, mod. well drained, minimum w/ fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.1 pH, 3.9% OM

PEST MANAGEMENT: Force, Roundup twice

30" ROW SPACING

FERTILITY - Applied N: 170 Fall,

Applied N-P-K (units): 170-60-80

SEEDED - RATE: May 4 36,500 /A

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

HARVESTED - STAND: Oct 17 32,200 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	5H-105A	HX,RR2	C250	225.0	14.7	0.0	29.5	\$1,185.3	2
Gold Country	101-99	SS	P250	224.9	14.7	0.0	33.8	\$1,184.8	3
Renk	RK682VT3	VT3	P250	224.7	14.5	0.0	30.5	\$1,186.4	1
Jung	7S555	SS	P250	221.9	14.4	0.0	32.4	\$1,173.0	4
Wensman	W8364STX	SS	P250	221.1	15.0	0.7	34.4	\$1,160.8	6
NuTech	G2 5X-206 [^]	HXT,RR2	C250	220.5	17.7	0.0	31.9	\$1,121.9	13
Renze	1219VT3	VT3	C250	218.7	14.0	0.0	32.9	\$1,161.3	5
Kruger	K-6006VT3	VT3	C250	218.1	15.1	0.0	33.9	\$1,143.7	8
Viking	B53-03R	VT3	P250	216.8	14.1	0.0	32.4	\$1,149.9	7
Producers	6364GT3	3000GT	C250	214.4	15.1	0.0	32.9	\$1,124.3	12
Dekalb	DKC53-78 GC	SS	P250	214.3	14.2	0.0	32.4	\$1,135.4	9
LG Seeds	LG2525RR2	RR2	P250	214.1	14.5	0.0	31.4	\$1,130.4	10
Mustang	6460	3000GT	C250	213.8	14.7	0.0	31.5	\$1,126.3	11
Titan Pro	80A05GL	3000GT	C250	212.3	14.5	0.0	33.9	\$1,120.9	14
Channel	205-94VT3	VT3	P250	211.7	16.1	0.0	31.9	\$1,097.5	21
Producers	6634VT3	VT3	P250	211.2	14.4	0.0	34.8	\$1,116.4	15
Wensman	W7433VT3	VT3	P250	210.8	14.6	0.0	32.9	\$1,111.8	16
Pioneer	35F44 GC	HXT,RR2	C250	208.9	15.3	0.0	34.3	\$1,093.0	24
Renk	RK698VT3	VT3	P250	208.5	14.2	0.0	30.9	\$1,104.6	18
Wensman	W6307RR	RR2	P250	208.4	14.1	0.0	32.4	\$1,105.4	17
LG Seeds	LG2510STX	SS	P250	208.0	14.7	0.0	31.4	\$1,095.7	22
Jung	7610VT3	VT3P	P250	208.0	15.1	0.0	33.4	\$1,090.8	25
Anderson	103VT3	VT3	C250	207.3	14.1	0.0	34.8	\$1,099.5	20
NuTech	G2 5X-905 [^]	HXT,RR2	C250	207.0	14.9	0.0	33.4	\$1,088.0	27
NuTech	G2 5X-007 [^]	HXT,RR2	C250	206.6	14.5	0.0	32.9	\$1,090.8	26
Stine	9523VT3	VT3	P250	206.5	14.2	0.0	31.4	\$1,094.0	23
Mycogen	2J597	SS	C250	204.9	15.1	0.3	33.4	\$1,074.5	28
Wensman	W7455VT3	VT3	P250	202.9	15.5	0.0	32.4	\$1,059.1	29
NuTech	G2 5X-007B [^]	HXT,RR2	C250	199.9	14.6	0.0	33.4	\$1,054.3	31
NuTech	5N-804	3000GT	C250	199.8	14.4	0.0	32.9	\$1,056.1	30
Dekalb	DKC52-59 CK	VT3	P250	207.2	13.7	0.0	30.5	\$1,104.0	19
Test Average =				205.7	14.6	0.0	32.2	\$1,085.1	
LSD (0.10) =				17.5	0.3	0.1			
C.V. =				6.2	1.7				

TEST COMMENTS: *The warm and wet growing season allowed rapid crop development and resulted in earlier black layer than in the past several years. Excess water reduced early test yield in the third horizontal replication. This rep was removed to reveal true product performance. The full season test was not as affected by the excess water.*

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

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Report Date: 10/19/2010

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 [™]

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