

2010 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
EARLY SEASON TEST

Mike Krenik, Le Sueur County, MN 56063 [MADISON LAKE]

95 - 100 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0MNSE17a
 SOIL DESCRIPTION: Le Sueur-Cordova clay loam, mod. well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 5.7 pH, 2.9% OM
 PEST MANAGEMENT: Force, Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 140 Spring,
 Applied N-P-K (units): 140-0-30
 SEEDED - RATE: Apr 29 36,500 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 23 33,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC50-35 GC	VT3	P250	233.6	13.2	0.0	33.9	\$1,251.6	1
Titan Pro	9094GL	CB/GT/LL	C250	229.8	13.1	0.0	32.9	\$1,232.6	2
Kruger	K-7495	VT3P	P250	227.6	12.8	0.0	33.4	\$1,224.9	3
AgriGold	A6225VT3	VT3	P250	225.7	13.1	0.0	33.4	\$1,210.7	4
Renk	RK580VT3	VT3	P250	225.1	13.0	0.0	33.8	\$1,208.8	5
Channel	196-06VT3	VT3	P250	223.9	13.2	0.0	34.8	\$1,199.7	7
Dairyland	ST9500Q	HXT,RR2	C250	223.8	13.6	2.7	33.4	\$1,193.7	8
Kruger	K-7593	VT3P	P250	223.2	12.8	0.3	35.3	\$1,201.3	6
NuTech	G2 5H-999A*	HX,RR2	C250	221.9	13.2	0.0	32.9	\$1,188.9	10
Trelay	4VP726	VT3P	P250	220.1	13.0	0.0	33.9	\$1,181.9	11
Channel	197-14VT3	VT3	P250	220.0	13.3	0.0	31.4	\$1,177.4	12
Producers	5784VT3	VT3	P250	219.0	13.0	2.7	34.8	\$1,176.0	13
Jung	7475VT3	VT3	P250	218.6	13.2	0.0	36.3	\$1,171.3	15
NuTech	3T-401	VT3	C250	218.6	13.4	0.0	32.4	\$1,168.6	16
Kruger	K-6399VT3	VT3	P250	218.4	13.5	0.0	33.8	\$1,166.3	17
Mustang	4330VT3	VT3	P250	217.9	12.9	1.3	34.4	\$1,171.4	14
Gold Country	96-20	VT3P	P250	216.4	12.7	0.0	34.3	\$1,166.0	18
Kruger	K-6295VT3	VT3	C250	216.2	12.8	0.0	33.8	\$1,163.6	19
Mustang	4367VT3	VT3	P250	215.4	12.8	0.0	34.4	\$1,159.3	20
Stine	9417VT3	VT3	P250	214.4	12.9	0.0	35.8	\$1,152.6	21
Wensman	W7273VT3	VT3	P250	212.7	12.9	1.3	32.9	\$1,143.5	23
Producers	5804VT3Pro	VT3P	P250	212.6	13.2	3.0	31.4	\$1,139.1	24
LG Seeds	LG2498VT3	VT3	P250	212.3	12.5	0.0	34.3	\$1,146.4	22
NuTech	5N-695	3000GT	C250	212.2	13.1	0.0	30.9	\$1,138.2	25
Trelay	4VT456	VT3	P250	211.9	13.0	0.3	33.4	\$1,137.9	26
NuTech	5N-197	3000GT	C250	210.2	13.7	1.7	30.0	\$1,119.9	30
Gold Country	100-07	VT3	P250	209.7	12.7	0.0	34.9	\$1,129.9	27
LG Seeds	LG2469VT3	VT3	P250	209.6	13.1	0.3	30.0	\$1,124.3	28
Viking	D74-96RL	SS	C250	208.3	12.7	0.0	34.9	\$1,122.3	29
NuTech	3T-300	VT3	C250	207.9	13.2	0.0	33.9	\$1,113.9	31
Dekalb	DKC50-66 CK	VT3	P250	221.1	12.7	1.7	31.9	\$1,191.3	9
Test Average =				207.9	13.1	0.7	33.5	\$1,115.8	
LSD (0.10) =				17.3	0.3	2.4			
C.V. =				6.2	1.9				

TEST COMMENTS: Growing conditions were very good here, although rainfall was too high. Rainfall came in 3 or 4 inch increments here (as in many places this growing season), causing a bit more variability in these plots. Lodging scores were good for the most part, but some hybrids showed the stress of recent 40 mph+ winds. Lat: N44.26843, Long: W93.85577

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 East [MNSE]
FULL SEASON TEST

Mike Krenik, Le Sueur County, MN 56063 [MADISON LAKE]

101 - 104 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0MNSE17b
 SOIL DESCRIPTION: Le Sueur-Cordova clay loam, mod. well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 5.7 pH, 2.9% OM
 PEST MANAGEMENT: Force, Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 140 Spring,
 Applied N-P-K (units): 140-0-30
 SEEDED - RATE: Apr 29 36,500 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 23 32,800 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	80A05GL	3000GT	C250	244.3	14.3	3.0	31.4	\$1,292.8	1
Jung	7610VT3	VT3P	P250	244.0	14.7	0.0	32.4	\$1,285.4	2
Kruger	K-7302	VT3P	P250	238.1	13.7	0.0	36.3	\$1,268.6	4
Trelay	5VP688	VT3P	P250	236.9	13.1	0.0	34.4	\$1,270.7	3
Renk	RK698VT3	VT3	P250	236.6	13.9	0.3	31.4	\$1,257.8	6
Kruger	K-6201VT3	VT3	P250	236.4	13.7	1.3	36.3	\$1,259.5	5
Gold Country	103-09	VT3	P250	233.2	13.7	0.0	30.9	\$1,242.5	7
AgriGold	A6276VT3	VT3	P250	230.1	13.6	0.3	33.9	\$1,227.4	8
J Pasker	JP5019GT3	3000GT	P250	228.9	13.7	0.7	33.8	\$1,219.6	9
Renk	RK682VT3	VT3	P250	227.6	14.8	0.0	32.4	\$1,197.6	14
Trelay	6ST576	SS	P250	227.0	14.0	0.0	31.4	\$1,205.4	10
NuTech	3T-401A	VT3	C250	226.6	14.1	0.0	33.8	\$1,201.9	12
Wensman	W7433VT3	VT3	P250	226.0	14.2	0.3	32.4	\$1,197.3	15
Anderson	103VT3	VT3	C250	225.5	13.6	0.3	33.9	\$1,202.8	11
AgriGold	A6323GT3	3000GT	C250	224.5	14.6	0.0	32.4	\$1,184.0	20
Fielders Choice	NG6546	VT3	P250	224.1	13.2	0.0	31.9	\$1,200.7	13
Kruger	K-6102VT3	VT3	C250	224.1	13.9	0.0	34.8	\$1,191.3	16
Producers	6364GT3	3000GT	C250	223.7	14.5	1.7	33.4	\$1,181.1	22
NuTech	G2 5H-501^	HX,RR2	C250	223.0	14.0	0.0	33.9	\$1,184.1	19
Fielders Choice	NG6510	VT3	P250	222.8	14.0	0.0	31.0	\$1,183.1	21
Jung	7520VT3	VT3	P250	222.5	13.6	1.7	31.0	\$1,186.8	17
Gold Country	102-05	VT3	P250	221.7	13.3	0.0	34.3	\$1,186.5	18
NuTech	G2 5H-502^	HX,RR2	C250	221.3	14.2	0.0	33.4	\$1,172.4	27
Mustang	6460	3000GT	C250	221.2	14.1	4.3	32.9	\$1,173.2	26
Gold Country	101-01	VT3	P250	220.7	13.7	0.0	33.9	\$1,175.9	23
Viking	6919VT3	VT3	C250	220.7	13.9	1.3	32.9	\$1,173.2	25
Fielders Choice	NG6646	VT3	P250	220.5	13.8	0.0	32.9	\$1,173.5	24
Fielders Choice	NG6583	VT3	P250	219.4	14.3	0.0	33.9	\$1,161.1	29
Channel	201-16VT3	VT3	P250	218.8	13.6	0.0	33.4	\$1,167.1	28
NuTech	5N-803	3000GT	C250	218.4	13.9	12.7	32.4	\$1,161.0	30
Dekalb	DKC50-66 CK	VT3	P250	216.0	13.2	0.0	31.9	\$1,157.3	31
Test Average =				218.2	13.9	0.9	32.8	\$1,160.1	
LSD (0.10) =				15.1	0.4	3.2			
C.V. =				5.1	2.4				


 F.I.R.S.T. Manager

TEST COMMENTS: Growing conditions were very good here, although rainfall was too high. Rainfall came in 3 or 4 inch increments here (as in many places this growing season), causing a bit more variability in these plots. Lodging scores were good for the most part, but some hybrids showed the stress of recent 40 mph+ winds.

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.25

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^{††} **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: 10/27/2010

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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