

2011 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]

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

EARLY SEASON TEST
95 - 100 Day CRM

B1MNSE05a

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: LeSueur-Cordova clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.4 pH, 5.2% OM
 PEST MANAGEMENT: Force, Steadfast, Callisto
 FERTILITY - Applied N: 125 Fall,
 Applied N-P-K (units): 125-0-30

30" ROW SPACING

SEEDED - RATE: May 20 35,680 /A
 HARVESTED - STAND: Oct 21 32,400 /A

TOP 30 OF 72 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
Kruger	K-7495	VT3P	P500,V	95	197.5	13.2	0.0	34.9	1,185.0	1
Channel	197-32VT3P	VT3P	P500,V	97	197.2	13.3	0.5	33.5	1,183.2	2
Jung	7S435	STX	P500	97	196.8	14.1	0.0	28.0	1,180.8	3
Croplan	3514VT3 GC	VT3	C250	95	196.7	13.9	0.0	34.9	1,180.2	4
Jung	7V429	VT3P	P500	96	196.0	13.2	0.0	34.9	1,176.0	5
LG Seeds	LG2468VT3	VT3	P500,V	97	193.8	13.4	0.0	33.5	1,162.8	6
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	191.9	14.2	0.5	32.8	1,151.4	7
Viking	Y84-00RL	3000GT	C250	100	191.5	13.5	1.0	32.8	1,149.0	8
Fielders Choice	NG6447	STX	P250	94	190.5	12.8	0.0	34.9	1,143.0	9
NuTech	5N-001*	3000GT	C250	100	190.2	13.7	0.5	33.5	1,141.2	10
Wensman	W 7290VT3PRO	VT3P	P250	99	189.5	13.5	0.0	34.9	1,137.0	11
Channel	196-06VT3P	VT3P	P500,V	96	189.3	13.4	0.0	32.1	1,135.8	12
Legend	LR9098 GENSS GC	STX	n/a	98	188.6	13.3	0.0	29.4	1,131.6	13
Pioneer	P9917XR GC	HXT,RR2	C250	99	188.0	13.6	0.0	33.5	1,128.0	14
Pioneer	P9910AM1 GC	HXT,RR2	C250	99	187.5	13.3	0.0	33.5	1,125.0	15
Trelay	5ST192	STX	P500,V	98	186.6	14.1	0.0	34.2	1,119.6	16
Gold Country	98-90	STX	P250	98	186.6	14.1	0.0	32.1	1,119.6	17
Wensman	W 7268VT3	VT3	P250	96	186.1	13.6	0.0	32.8	1,116.6	18
Renk	RK565GTCBLLRW	3000GT	C250	100	186.1	13.8	0.0	34.2	1,116.6	19
AgriGold	A6203VT3	VT3	P500,V	96	184.7	13.7	0.0	32.8	1,108.2	20
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	184.3	13.1	0.0	32.2	1,105.8	21
Anderson	626R	RR2	None	100	183.3	13.2	0.0	33.5	1,099.8	22
Stine	9417VT3*	VT3	C250	100	183.2	13.0	0.0	32.8	1,099.2	23
Gold Country	101-77	VT3	P250	101	182.2	13.7	0.0	35.5	1,093.2	24
Dairyland	ST-9399	3000GT	C250	99	181.8	13.5	1.0	32.2	1,090.8	25
G2 Genetics	5H-696^*	HX,RR2	C250	96	180.7	13.4	0.0	31.4	1,084.2	26
Mustang	4689	VT3	P500,V	95	178.5	13.5	0.0	32.2	1,071.0	27
Anderson	617R	RR2	None	98	177.6	13.3	0.0	32.1	1,065.6	28
Viking	C44-95R	VT3P	C250	96	177.1	13.7	0.0	28.0	1,062.6	29
Producers	6044VT3	VT3	P250	100	176.7	13.7	0.0	32.8	1,060.2	30
Dekalb	DKC50-66 CK	VT3	n/a	100	169.0	13.3	0.5	32.1	1,014.0	39
					Test Average =	172.5	13.6	0.3	32.4	1,035.2
					LSD (0.10) =	22.5	0.6	1.7		
					C.V. =	7.8	2.5			


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting was delayed by cool, wet spring weather, which continued through June. Excess water ponded on this plot in June, affecting some plots more than others. Warmer temps and high humidity dominated July. Rainfall dropped off after mid-July, and did not return. A frost on Sept 15 curtailed seed fill. Dry conditions caused rapid dry-down of all entries.*

Lat: N44.2759, Long: W-93.87042

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

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

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Report Date: 10/23/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]

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

FULL SEASON TEST
101 - 104 Day CRM

B1MNSE05b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: LeSueur-Cordova clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 5.2% OM
 PEST MANAGEMENT: Force, Steadfast, Callisto
 FERTILITY - Applied N: 125 Fall,
 Applied N-P-K (units): 125-0-30


30" ROW SPACING

SEEDED - RATE: May 20 35,680 /A
 HARVESTED - STAND: Oct 21 32,700 /A

TOP 30 OF 54 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
LG Seeds	LG2509GT3	3000GT	P500,V	103	212.3	16.3	0.0	32.3	1,266.9	2
Channel	203-43VT3P	VT3P	P500,V	103	211.5	15.0	0.0	32.4	1,269.0	1
Trelay	6VT154	VT3	P500,V	102	205.4	15.3	4.0	35.1	1,230.9	3
Wensman	W 7320VT3PRO	VT3P	P250	101	204.6	15.2	0.0	33.3	1,226.6	4
Kruger	K-4104	VT2P	P500,V	104	200.3	15.0	0.0	34.6	1,201.8	5
NuTech	5N-102*	3000GT	C250	102	199.5	14.0	0.3	33.3	1,197.0	6
Dekalb	DKC53-78 GC	STX	n/a	103	198.4	14.4	0.3	32.3	1,190.4	7
Channel	201-16VT3	VT3	P500,V	101	197.8	15.0	0.7	29.6	1,186.8	8
Kruger	K-6102VT3	VT3	P500,V	102	197.0	14.6	0.3	34.2	1,182.0	9
LG Seeds	LG2510STX	STX	P500,V	103	196.0	16.0	0.0	34.2	1,171.1	10
Producers	6364GT3	3000GT	P500,V	103	195.5	16.0	0.3	34.2	1,168.1	11
Trelay	6ST576	STX	P500,V	104	194.8	15.4	0.0	32.8	1,166.9	12
Channel	202-32STX	STX	P500,V	102	194.7	15.5	0.0	33.7	1,165.8	13
Kruger	K4-9302	STX	P500,V	102	194.3	15.4	0.3	35.1	1,163.9	14
Viking	Y54-04RL	3000GT	C250	104	193.7	16.5	0.0	30.5	1,154.9	16
Wensman	W 7392GT3	3000GT	P250	104	193.3	16.4	0.0	32.4	1,153.0	17
G2 Genetics	5H-501^*	HX,RR2	C250	101	192.9	14.9	0.0	35.5	1,157.4	15
AgriGold	A6319VT3Pro	VT3P	P500,V	103	191.2	15.2	1.3	31.0	1,146.2	18
Mustang	6460	3000GT	P250	104	190.4	16.0	0.0	30.5	1,137.6	21
Titan Pro	89A02GL	3000GT	C250	102	190.0	14.9	1.3	34.6	1,140.0	20
Titan Pro	80A05GL	3000GT	C250	105	189.4	15.0	0.3	33.2	1,136.4	22
Dekalb	DKC51-85 GC	STX	P500,V	101	188.2	14.8	0.0	32.3	1,129.2	23
Renk	RK698VT3	VT3	P250	102	187.6	15.3	0.3	32.3	1,124.2	24
Gold Country	103-09	VT3	P250	103	187.3	15.2	0.3	30.5	1,122.9	26
Dekalb	DKC52-59 GC	VT3	n/a	102	187.2	14.4	1.0	35.1	1,123.2	25
Dairyland	ST-9799	VT3	C250	99	186.6	14.3	0.7	33.3	1,119.6	27
G2 Genetics	5H-502^*	HX,RR2	C250	102	186.0	15.6	0.0	34.6	1,113.2	28
Dairyland	ST-9500SSX	STX	C250	100	184.8	14.3	0.0	30.5	1,108.8	29
Stine	9523VT3*	VT3	C250	104	184.0	15.7	1.3	31.9	1,100.8	30
Dairyland	ST-9303SSX	STX	C250	103	182.6	14.9	0.0	33.7	1,095.6	31
Dekalb	DKC50-66 CK	VT3	n/a	100	190.7	14.6	0.0	33.2	1,144.2	19
Test Average =					186.0	15.2	0.7	32.7	1,114.4	
LSD (0.10) =					22.1	1.2	2.0			
C.V. =					8.7	5.6				


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting was delayed by cool, wet spring weather, which continued through June. Excess water ponded on this plot in June, affecting some plots more than others. Warmer temps and high humidity dominated July. Rainfall dropped off after mid-July, and did not return. A frost on Sept 15 curtailed seed fill. Dry conditions caused rapid dry-down of all entries.*

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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®

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