

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

Eric Lee, Mower County, MN 55926 [DEXTER]

EARLY SEASON TEST
95 - 100 Day CRM

B1MNSE02a

PREV. CROP/HERB: Soybean / Glyphosate

SOIL DESCRIPTION: Readlyn silt loam, well drained, conventional w/ fall till, non-irrigated

SOIL CONDITION: High P, high K, 6.8 pH, 4.2% OM

PEST MANAGEMENT: Force, Halex GT

30" ROW SPACING

FERTILITY - Applied N: 160 Fall,

Applied N-P-K (units): 160-60-120

SEEDED - RATE: May 7 35,680 /A

 TOP 30 OF 72 FOR **GROSS INCOME** (SORTED BY YIELD)

HARVESTED - STAND: Oct 23 33,900 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	197-32VT3P	VT3P	P500,V	97	234.2	13.9	0.3	33.9	1,405.2	1
Gold Country	101-77	VT3	P250	101	231.7	15.0	0.3	34.4	1,390.2	2
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	230.7	14.4	0.0	34.4	1,384.2	3
Dekalb	DKC49-94 GC	STX	P500,V	99	229.7	14.2	0.0	33.4	1,378.2	4
Dekalb	DKC48-12 GC	STX	P500,V	98	229.2	13.7	0.0	33.9	1,375.2	5
Viking	Y84-00RL	3000GT	C250	100	228.9	14.6	0.3	32.5	1,373.4	6
Gold Country	96-20	VT3P	P250	96	227.8	13.7	3.0	34.8	1,366.8	7
NuTech	5N-001*	3000GT	C250	100	226.9	13.9	0.0	34.4	1,361.4	8
Gold Country	95-15	STX	P500,V	95	225.3	14.0	0.0	32.5	1,351.8	9
AgriGold	A6203VT3	VT3	P500,V	96	223.4	14.3	0.7	33.4	1,340.4	10
Fielders Choice	NG6550	VT3P	P250	100	223.3	14.4	0.3	34.8	1,339.8	11
Dyna-Gro	D37VP71	VT3P	P250	97	223.2	14.1	0.7	35.3	1,339.2	12
Wensman	W 7290VT3PRO	VT3P	P250	99	222.9	14.5	1.3	33.9	1,337.4	13
Channel	196-06VT3P	VT3P	P500,V	96	222.4	14.4	0.3	33.9	1,334.4	14
Producers	5784VT3	VT3	P500,V	97	222.3	14.4	0.0	33.0	1,333.8	15
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	221.1	14.7	0.0	33.9	1,326.6	16
Kruger	K-7495	VT3P	P500,V	95	221.0	13.8	0.3	34.8	1,326.0	17
Producers	6044VT3	VT3	P250	100	220.8	15.4	1.3	34.8	1,322.6	18
Titan Pro	X81A97	GT/CB/LL	C250	97	220.3	15.0	0.0	35.3	1,321.8	19
G2 Genetics	5H-797^*	HX,RR2	C250	97	220.0	14.3	0.0	34.8	1,320.0	20
Stine	9417VT3*	VT3	C250	100	219.9	14.2	0.0	32.5	1,319.4	21
Trelay	5VP688	VT3P	P500,V	101	218.7	14.6	0.0	33.4	1,312.2	22
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	218.3	14.4	2.7	34.4	1,309.8	23
Mustang	4404	3000GT	P500,V	95	218.0	14.4	0.3	32.0	1,308.0	24
Mustang	5808	STX	P500,V	98	216.9	14.0	0.3	33.9	1,301.4	25
G2 Genetics	5H-696^*	HX,RR2	C250	96	216.8	14.9	0.0	32.0	1,300.8	26
Jung	7V429	VT3P	P500	96	216.5	13.6	0.0	34.8	1,299.0	27
Wensman	W 7270VT3PRO	VT3P	P250	97	216.5	14.3	0.3	32.5	1,299.0	28
Dekalb	DKC45-51 GC	STX	P250	95	216.4	14.3	1.7	34.4	1,298.4	29
Wensman	W 7268VT3	VT3	P250	96	216.2	14.6	0.3	32.5	1,297.2	30
Dekalb	DKC50-66 CK	VT3	n/a	100	213.7	14.1	0.7	32.5	1,282.2	38
Test Average =					213.7	14.5	1.2	33.9	1,282.1	
LSD (0.10) =					12.2	0.6	4.1			
C.V. =					4.2	3.3				


 F.I.R.S.T. Manager

TEST COMMENTS: *Below normal temps and above normal moisture delayed planting, and continued until the end of June. July brought heat and humidity, while August was hot and dry. Some tip-back on ears occurred here (as in most other areas of MN). None of the corn here was black-layered when frost occurred Sept 15. High winds on Sept 29 caused some stalk lodging.*

Lat: N43.75929, Long: W-92.70195

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: 10/24/2011

Revised:

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

Eric Lee, Mower County, MN 55926 [DEXTER]

FULL SEASON TEST
101 - 104 Day CRM

B1MNSE02b

PREV. CROP/HERB: Soybean / Glyphosate

SOIL DESCRIPTION: Readlyn silt loam, well drained, conventional w/ fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.8 pH, 4.2% OM

PEST MANAGEMENT: Force, Halex GT

30" ROW SPACING

FERTILITY - Applied N: 160 Fall,

Applied N-P-K (units): 160-60-120

SEEDED - RATE: May 7 35,680 /A

 TOP 30 OF 54 FOR **GROSS INCOME** (SORTED BY YIELD)

HARVESTED - STAND: Oct 23 33,800 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W 7360VT3	VT3	P250	103	233.4	15.0	0.3	33.4	1,400.4	1
Kruger	K-6102VT3	VT3	P500,V	102	229.6	15.0	0.0	33.0	1,377.6	2
Channel	201-16VT3	VT3	P500,V	101	226.2	15.7	1.7	34.4	1,353.2	3
Wensman	W 7320VT3PRO	VT3P	P250	101	225.4	15.4	0.0	34.4	1,350.1	4
Jung	7475VT3	VT3	P500	100	225.0	14.8	0.0	33.9	1,350.0	5
Titan Pro	89A02GL	3000GT	C250	102	224.5	15.4	0.0	33.9	1,344.8	6
AgriGold	A6319VT3Pro	VT3P	P500,V	103	224.2	15.9	0.0	34.8	1,340.2	7
Trelay	6VT154	VT3	P500,V	102	223.3	15.6	1.3	34.8	1,336.5	8
G2 Genetics	5H-502^*	HX,RR2	C250	102	221.9	15.9	0.3	34.8	1,326.4	9
Viking	D74-02RL	STX	C250	101	220.9	15.2	0.0	33.9	1,324.3	10
Kruger	K-6201VT3	VT3	P500,V	101	220.8	15.4	4.3	34.8	1,322.6	11
Gold Country	101-99	STX	P250	104	220.2	15.5	0.0	34.8	1,318.4	13
Channel	203-43VT3P	VT3P	P500,V	103	220.0	14.8	0.7	32.5	1,320.0	12
G2 Genetics	5H-501^*	HX,RR2	C250	101	219.9	15.4	0.0	34.4	1,317.2	14
Viking	Y54-04RL	3000GT	C250	104	219.9	16.5	0.0	31.6	1,311.2	15
Dekalb	DKC53-78 GC	STX	n/a	103	218.9	15.5	0.3	34.8	1,310.7	16
Kruger	K-4104	VT2P	P500,V	104	218.0	15.8	0.0	34.4	1,303.6	18
Pioneer	35F48AM1 GC	HXT,RR2	C250	105	218.0	16.5	0.3	33.9	1,299.8	19
LG Seeds	LG2509GT3	3000GT	P500,V	103	218.0	16.9	1.3	33.4	1,297.6	21
Renk	RK698VT3	VT3	P250	102	217.7	14.8	0.3	34.8	1,306.2	17
Dairyland	ST-9500SSX	STX	C250	100	216.9	15.6	0.0	34.8	1,298.1	20
Gold Country	103-09	VT3	P250	103	216.5	15.8	4.3	33.4	1,294.7	22
AgriGold	A6323GT3	3000GT	P500,V	103	215.8	16.8	3.3	33.9	1,285.1	24
Mustang	6460	3000GT	P250	104	215.2	16.6	0.3	33.4	1,282.6	26
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	215.1	15.0	11.3	34.8	1,290.6	23
Wensman	W 7392GT3	3000GT	P250	104	214.5	16.8	0.3	33.9	1,277.3	29
Trelay	6ST576	STX	P500,V	104	214.0	15.1	0.0	34.4	1,283.5	25
Dairyland	ST-9799	VT3	C250	99	213.7	14.4	0.3	33.4	1,282.2	27
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	213.5	15.4	0.3	34.4	1,278.9	28
Producers	6374VT3	VT3	P500,V	103	212.5	14.9	1.7	34.4	1,275.0	30
Dekalb	DKC50-66 CK	VT3	n/a	100	210.0	14.5	0.0	33.4	1,260.0	37
Test Average =					213.7	15.4	1.7	33.8	1,279.4	
LSD (0.10) =					13.5	0.6	5.2			
C.V. =					4.6	2.9				



F.I.R.S.T. Manager

TEST COMMENTS: *Below normal temps and above normal moisture delayed planting, and continued until the end of June. July brought heat and humidity, while August was hot and dry. Some tip-back on ears occurred here (as in most other areas of MN). None of the corn here was black-layered when frost occurred Sept 15. High winds on Sept 29 caused some stalk lodging.*

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Report Date: 10/24/2011

Revised:



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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