

2011 BETTER HYBRIDS Harvest Report for Michigan South [MISO]

Bill Bierman, Lenawee County, MI 49276 [RIGA]

ALL SEASON TEST
96 - 105 Day CRM

B1MISO31

 PREV. CROP/HERB: Clover
 SOIL DESCRIPTION: loam, well drained, no-till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.1 pH, 2.3% OM
 PEST MANAGEMENT: Roundup, Atrazine, Force
 FERTILITY - Applied N: 14 Spring, 178 Planter,
 Applied N-P-K (units): 192-50-99

30" ROW SPACING

 SEEDED - RATE: May 12 32,000 /A
 HARVESTED - STAND: Nov 1 27,300 /A

TOP 30 OF 54 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
G2 Genetics	5X-903 [^]	HXT,RR2	P1250,V	103	177.9	17.8	1.0	25.4	1,105.8	1
Channel	193-46VT3	VT3	P500,V	93	177.8	19.0	0.5	31.4	1,098.8	3
Great Lakes	5245G3VT3	VT3	P500,V	102	176.6	16.5	1.0	25.4	1,104.6	2
Rupp	XR8239	VT3P	P250	103	175.9	17.1	1.0	28.4	1,097.1	4
Renk	RK619SSTX	STX	P250	104	175.3	16.7	2.5	25.4	1,095.4	5
G2 Genetics	5H-902 ^{^*}	HX,RR2	C250	102	174.4	17.6	1.0	26.2	1,085.1	6
AgriGold	A6389VT3Pro	VT3P	P500,V	105	174.0	17.2	2.5	26.9	1,084.7	7
Dairyland	ST-9303SSX	STX	C250	103	171.5	16.2	1.0	23.9	1,074.3	8
Channel	199-55VT3	VT3	P500,V	99	171.5	17.6	4.0	25.4	1,067.1	10
Great Lakes	5157G3VT3	VT3	P500,V	101	171.2	16.7	1.0	28.4	1,069.8	9
Channel	202-32STX	STX	P500,V	102	169.7	16.4	1.0	28.4	1,062.0	11
G2 Genetics	5H-0101 [^]	HX,RR2	P1250,V	100	169.4	17.8	1.0	26.9	1,053.0	12
AgriGold	A6276VT3	VT3	P500,V	101	168.7	17.5	2.5	28.4	1,050.2	13
Fielders Choice	NG6550	VT3P	P250	100	167.5	16.8	2.5	26.9	1,046.2	14
Dekalb	DKC46-61 GC	STX	P250	96	166.4	16.6	2.5	29.9	1,040.3	15
Great Lakes	5529RR	RR2	P500,V	105	165.1	18.0	1.0	23.9	1,025.3	16
NuTech	5N-001 [*]	3000GT	C250	100	164.5	17.4	0.5	23.9	1,024.5	17
G2 Genetics	5H-700 ^{^*}	HX,RR2	C250	100	164.3	17.7	1.0	27.7	1,021.8	18
G2 Genetics	5H-501 ^{^*}	HX,RR2	C250	101	163.6	18.0	2.5	28.4	1,016.0	21
Channel	196-06VT3P	VT3P	P500,V	96	162.9	16.5	1.0	28.4	1,018.9	19
AgriGold	A6384VT3Pro	VT3P	P500,V	106	162.5	17.2	1.0	29.9	1,013.0	23
Pioneer	P0115AM1 GC	HXT,RR2	C250	101	162.4	16.3	1.0	26.9	1,016.8	20
AgriGold	A6225VT3	VT3	P500,V	98	162.3	16.9	1.0	24.7	1,013.2	22
Dekalb	DKC53-45 GC	STX	n/a	103	162.1	20.1	0.5	29.9	996.4	27
Renk	RK708VT3P	VT3P	P250	105	162.0	18.3	1.0	31.4	1,004.6	25
Stine	9417VT3 [*]	VT3	C250	100	161.2	17.2	1.0	26.9	1,004.9	24
Dairyland	ST-9799	VT3	C250	99	160.5	17.0	1.0	27.7	1,001.5	26
G2 Genetics	5H-502 ^{^*}	HX,RR2	C250	102	159.2	18.2	2.5	28.4	987.7	28
G2 Genetics	5H-597 ^{^*}	HX,RR2	C250	97	157.4	15.9	1.0	23.9	987.4	29
Dairyland	ST-9399	3000GT	C250	99	155.8	16.1	1.0	26.9	976.4	30


 F.I.R.S.T. Manager

 Test Average = **158.0** **17.4** **1.5** **27.3** **983.8**
 LSD (0.10) = 23.7 0.4 2.5
 C.V. = 9.0 1.4

TEST COMMENTS: *The heavy rains in May after planting caused some soil crusting creating some heavy stand loss. Final stand varied from 23,000 to 30,000 per acre. The high heat in July hurt pollination. Where the stand was good, many plants did not make an ear due to higher stress. Yield was variable due to the weather conditions but better than expected.* Lat: N41.78658, Long: W-83.76829

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$6.30

[†] 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



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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