

2011 BETTER HYBRIDS Harvest Report for Michigan Thumb [MITH]

John Wartz, Saginaw County, MI 48623 [FREELAND]

ALL SEASON TEST
91 - 100 Day CRM

B1MITH46

 PREV. CROP/HERB: Soybean / Glyphosate
 SOIL DESCRIPTION: sandy clay loam, well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.3 pH, 3.2% OM
 PEST MANAGEMENT: SureStart, Roundup, Force
 FERTILITY - Applied N: 175 Spring, 3 Planter,
 Applied N-P-K (units): 178-114-120

30" ROW SPACING

 SEEDED - RATE: May 10 33,000 /A
 HARVESTED - STAND: Nov 1 31,800 /A

TOP 30 OF 45 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
NuTech	5N-001*	3000GT	C250	100	214.8	21.3	0.0	31.9	1,323.4	2
Renk	RK580VT3	VT3	P250	98	213.4	19.3	0.3	31.9	1,327.6	1
Dairyland	ST-9399	3000GT	C250	99	209.5	20.5	0.3	31.9	1,295.8	3
Renk	RK565GTCBLLRW	3000GT	C250	100	194.4	19.5	1.3	32.9	1,208.2	4
Hyland	HL 4424*	3000GT	P250	98	190.7	20.3	0.0	32.9	1,180.6	5
Rupp	XR8414	STX	P250	100	190.2	19.8	0.0	31.9	1,180.4	6
NuTech	5N-197*	3000GT	C250	97	186.9	19.3	0.3	30.9	1,162.7	7
NuTech	3A-9901*	GT	C250	98	186.6	19.0	9.0	32.9	1,162.5	8
Rupp	XR8002	VT3	C250	94	185.6	18.4	1.3	30.9	1,159.6	9
Stine	9417VT3*	VT3	C250	100	179.9	19.9	0.3	31.9	1,115.9	10
Hyland	8454*	STX	P250	98	178.5	18.7	3.0	31.9	1,113.7	11
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	178.4	20.4	0.0	31.9	1,103.9	12
Hyland	8386*	STX	P250	92	171.1	18.4	5.3	32.9	1,069.0	13
Great Lakes	4727GS	STX	P500,V	97	170.3	18.8	0.3	31.9	1,062.0	14
Hyland	HL CVR68*	VT3	P250	98	169.5	21.6	1.7	32.9	1,042.8	19
G2 Genetics	5X-895^*	HXT,RR2	C250	94	169.1	19.5	0.0	31.9	1,051.0	17
Channel	196-06VT3P	VT3P	P500,V	96	168.7	18.7	0.0	32.9	1,052.5	15
Channel	197-67VT3P	VT3P	P500,V	97	168.6	18.8	0.0	29.9	1,051.4	16
Fielders Choice	NG6546	VT3	P250	100	167.5	19.1	0.0	31.9	1,043.0	18
Fielders Choice	NG6550	VT3P	P250	100	165.8	18.9	0.3	31.9	1,033.4	20
Pioneer	P0115AM1 GC	HXT,RR2	C250	101	161.8	20.1	0.0	31.9	1,002.7	22
Great Lakes	4282GDP	VT2P	P500,V	92	161.6	19.3	0.0	32.9	1,005.3	21
Fielders Choice	NG6530	STX	P250	99	160.7	20.3	0.7	30.9	994.9	23
Dairyland	ST-6494	RR2	C250	94	156.4	18.0	1.3	30.9	979.1	24
Renk	RK434VT3P	VT3P	P250	92	153.9	19.3	0.0	31.9	957.4	25
Hyland	8486*	STX	P250	103	152.4	20.6	0.3	31.9	942.1	26
Fielders Choice	NG6514	STX	P250	98	150.5	19.3	0.0	30.9	936.3	27
Hyland	8395*	STX	P250	95	149.0	18.5	0.0	32.9	930.5	28
G2 Genetics	5H-597^*	HX,RR2	C250	97	146.9	20.3	1.7	31.9	909.5	30
Rupp	XR8252	VT3P	P250	96	146.6	18.3	0.3	29.9	916.4	29


 F.I.R.S.T. Manager

 Test Average = **162.1** **19.5** **1.1** **31.8** **1,007.7**
 LSD (0.10) = 25.9 1.5 ns
 C.V. = 11.7 5.5

TEST COMMENTS: *We had a narrow planting window in early May with ample rain early spring. In July, the area only got an inch of rain resulting in short plant heights (4 to 6 feet) here. There was some stink bug feeding in late August. Between the deer and raccoons there was damage to some hybrids. Yield variation was high due to the extreme weather conditions this year.* Lat: N43.73111, Long: W-84.24778

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$6.35

[†] 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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