

2011 BETTER HYBRIDS Harvest Report for Michigan Thumb [MITH]

Josh Humm, Gratiot County, MI 48847 [BRECKENRIDGE]

ALL SEASON TEST
91 - 100 Day CRM

B1MITH45

 PREV. CROP/HERB: Soybean / Glyphosate
 SOIL DESCRIPTION: sandy loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.6 pH, 3.6% OM
 PEST MANAGEMENT: Atrazine, Glyphosate, Force
 FERTILITY - Applied N: 240 Fall, 39 Spring, 3 Planter,
 Applied N-P-K (units): 282-234-410

30" ROW SPACING

 SEEDED - RATE: May 11 33,000 /A
 HARVESTED - STAND: Oct 30 34,400 /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	242.3	19.5	3.3	33.9	1,493.8	1
Stine	9207GTCBLL*	GT/CB/LL	C250	91	236.9	17.9	1.7	33.8	1,471.9	2
Great Lakes	4727GS	STX	P500,V	97	223.9	19.3	0.3	34.8	1,381.7	3
Stine	9417VT3*	VT3	C250	100	223.8	19.8	0.0	34.8	1,377.7	4
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	222.3	20.2	0.3	33.9	1,365.8	6
Channel	196-06VT3P	VT3P	P500,V	96	220.7	18.5	0.3	34.8	1,367.2	5
Dairyland	ST-9399	3000GT	C250	99	216.0	18.4	15.0	33.8	1,338.8	7
Renk	RK565GTCBLLRW	3000GT	C250	100	210.4	19.2	15.8	33.9	1,299.0	10
Fielders Choice	NG6514	STX	P250	98	210.3	18.4	0.0	35.8	1,303.4	9
NuTech	3A-9901*	GT	C250	98	209.9	17.9	0.7	33.9	1,304.1	8
G2 Genetics	5H-700^*	HX,RR2	C250	100	209.4	19.0	0.0	33.8	1,294.1	11
Great Lakes	4840GDP	VT2P	P500,V	98	207.5	17.8	2.0	34.8	1,289.8	12
Channel	193-46VT3	VT3	P500,V	93	206.3	17.8	4.7	33.9	1,282.4	13
Dairyland	ST-6494	RR2	C250	94	206.1	18.4	0.7	35.8	1,277.4	15
G2 Genetics	5X-895^*	HXT,RR2	C250	94	206.0	18.4	0.0	34.8	1,276.8	16
Rupp	XR8002	VT3	C250	94	205.8	17.7	0.0	34.8	1,279.9	14
Stine	9311VT3Pro*	VT3P	C250	92	201.3	18.3	0.0	34.8	1,248.3	17
Hyland	HL 4424*	3000GT	P250	98	201.1	18.8	1.7	34.8	1,244.0	18
Hyland	8486*	STX	P250	103	200.4	18.8	2.0	34.8	1,239.7	19
Fielders Choice	NG6546	VT3	P250	100	200.0	18.6	0.0	32.9	1,238.4	20
Hyland	8395*	STX	P250	95	195.7	18.2	1.3	34.8	1,214.1	21
Renk	RK580VT3	VT3	P250	98	195.6	19.0	0.0	34.8	1,208.8	22
Rupp	XR8252	VT3P	P250	96	194.0	17.8	0.3	35.8	1,205.9	23
G2 Genetics	5X-795^*	HXT,RR2	P1250,V	94	192.3	17.3	3.3	34.8	1,198.2	24
NuTech	5N-197*	3000GT	C250	97	191.5	19.0	0.7	33.9	1,183.5	25
Dairyland	ST-9992	VT3	C250	92	188.3	17.6	0.0	34.8	1,171.6	26
Great Lakes	4282GDP	VT2P	P500,V	92	188.0	17.3	0.7	34.8	1,171.4	27
Stine	9206RR*	RR2	C250	91	187.3	17.5	0.3	34.8	1,165.9	28
Renk	RK585VT3P	VT3P	P250	95	187.1	18.0	0.0	33.9	1,161.9	29
Hyland	8386*	STX	P250	92	186.1	17.5	1.7	32.9	1,158.5	30



F.I.R.S.T. Manager

 Test Average = **196.5** **18.4** **1.3** **34.4** **1,218.0**

LSD (0.10) = 32.0 1.0 4.6

C.V. = 12.0 4.0

TEST COMMENTS: Above normal moisture levels here all spring. The wet conditions continued into June as the area was still trying to finish planting. Roots were shallow which led to some light root lodging from the high winds this summer. There were signs of Anthracnose as stalk quality was weak at harvest. The wet soil conditions made yields more variable than normal here. Lat: N43.36083, Long: W-84.58278

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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