

2010 BETTER HYBRIDS Harvest Report for Michigan Thumb [MITH]

Andy Gough, Tuscola County, MI [FAIRGROVE]

ALL-SEASON TEST
91 - 100 Day CRM

PREV. CROP/HERB: Corn, 2+ yr / Glyphosate B0MITH42
 SOIL DESCRIPTION: loamy sand, well drained, strip-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.6 pH, 3.4% OM
 PEST MANAGEMENT: Helosate, Laudis, Atrazine, Stratego, Mustang Max, Force 30" ROW SPACING
 FERTILITY - Applied N: 170 Spring,
 Applied N-P-K (units): 170-52-56
 SEEDED - RATE: Apr 23 34,500 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 19 32,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgVenture	RL5412HB GC	HX,RR2	C250	140.8	15.6	1.0	36.8	\$617.0	1
Stine	9421RR	RR2	P250	136.1	16.0	4.7	33.9	\$594.8	2
NuTech	G2 5H-696^	HX,RR2	C250	133.0	15.9	3.7	32.8	\$581.6	3
Channel	196-06VT3	VT3	P250	132.1	15.6	1.0	31.9	\$578.9	4
NuTech	5H-700A	HX,RR2	C250	131.3	15.9	1.0	30.9	\$574.2	5
NuTech	3T-401	VT3	C250	131.0	16.3	2.0	30.9	\$571.3	6
Great Lakes	4664G3VT3	VT3	P250	129.8	15.7	1.0	30.9	\$568.4	7
NuTech	5N-197A	3000GT	C250	125.9	15.6	1.0	29.9	\$551.7	8
Heritage	4268VT3 GC	VT3	P250	125.8	15.6	1.0	34.8	\$551.3	9
NuTech	G2 5X-500^	HXT,RR2	C250	125.4	15.8	1.0	32.9	\$548.8	10
NuTech	G2 5H-797^	HX,RR2	C250	124.0	15.7	1.0	32.9	\$543.0	11
Rupp	XR8052	VT3	P250	123.7	15.7	2.0	30.9	\$541.7	12
Great Lakes	5090G3VT3	VT3	P250	122.6	15.9	1.0	31.9	\$536.1	14
Heritage	8310GENSS GC	SS	P250	122.5	15.7	1.0	33.9	\$536.4	13
Great Lakes	4840VT3PRO	VT3P	P250	121.7	15.6	1.0	33.9	\$533.3	15
Dairyland	ST9500Q	HXT,RR2	C250	120.9	16.1	1.0	28.9	\$528.0	16
Renk	RK565GTCBLLRW	3000GT	C250	120.1	16.1	9.7	31.9	\$524.5	17
NuTech	G2 5H-897^	HX,RR2	C250	119.6	15.8	1.0	31.9	\$523.4	18
Fielders Choice	NG6510	VT3	P250	119.6	16.0	1.0	31.9	\$522.7	19
NuTech	G2 5H-999^	HX,RR2	C250	119.3	15.7	3.7	32.9	\$522.4	20
Fielders Choice	NG6455	VT3	P250	118.8	15.5	1.0	32.9	\$520.9	21
Stine	9311VT3Pro	VT3P	P250	118.5	15.7	1.0	31.9	\$518.9	22
Great Lakes	4415G3VT3	VT3	P250	117.5	15.3	1.0	30.9	\$515.9	23
NuTech	5B-290	GT/CB/LL	C250	116.8	15.2	2.0	31.9	\$513.2	24
NuTech	G2 5H-891A^	HX,RR2	C250	116.8	15.3	1.0	31.9	\$512.9	25
Hyland	HLB38R	YGCB,RR2	P250	116.8	15.6	1.0	32.9	\$511.8	26
Renk	RK616VT3	VT3	P250	116.6	15.6	4.7	31.9	\$510.9	27
NuTech	5N-197	3000GT	C250	115.9	15.7	2.0	32.9	\$507.5	28
Renk	RK434RR	RR2	P250	115.3	15.4	1.0	31.9	\$505.9	29
NuTech	G2 5X-895^	HXT,RR2	C250	115.3	15.5	1.0	33.9	\$505.6	30
Test Average =				116.3	15.7	1.9	32.4	\$509.5	
LSD (0.10) =				15.3	0.3	2.7			
C.V. =				9.7	1.6				


 F.I.R.S.T. Manager

TEST COMMENTS: *Dry conditions this year took the top-end off this crop. With the dry July and August the plant cannibalized itself and put all energy in making an ear. The lodging score is stalk related due to the dry conditions. There were red streaking in the kernels due to stress.*

Lat: N52.5, Long: W84.58333

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$4.40

[†] **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} IST: AVC - Avicta Complete, 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 chosen product, * = brands without a seed lot number **ns** = not significantly different

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

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Report Date: 10/20/2010

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2[®] brand seed is distributed by NuTech Seed, LLC. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
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 [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

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