

2011 BETTER HYBRIDS Harvest Report for Michigan Thumb [MITH]
 Charlie Guziak, Shiawassee County, MI 48841 [HENDERSON]

ALL SEASON TEST
91 - 100 Day CRM

PREV. CROP/HERB: Soybean / Glyphosate B1MITH47
 SOIL DESCRIPTION: sandy loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.7 pH, 3.3% OM
 PEST MANAGEMENT: Atrazine, Force 30" ROW SPACING
 FERTILITY - Applied N: 138 Spring, 18 Planter,
 Applied N-P-K (units): 156-66-0
 SEEDED - RATE: Jun 2 33,000 /A TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 30 33,200 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK565GTCBLLRW	3000GT	C250	100	229.2	23.6	0.0	32.9	1,384.8	1
G2 Genetics	5H-0101 [^]	HX,RR2	P1250,V	100	224.4	24.2	0.0	35.8	1,351.8	2
NuTech	5N-001*	3000GT	C250	100	218.2	22.2	0.0	34.8	1,327.5	3
NuTech	5N-197*	3000GT	C250	97	217.1	22.9	0.0	31.9	1,316.3	4
Dairyland	ST-9399	3000GT	C250	99	213.9	22.9	0.0	33.9	1,296.9	7
Stine	9207GTCBLL*	GT/CB/LL	C250	91	213.8	20.7	0.3	33.9	1,310.4	5
Hyland	HL CVR68*	VT3	P250	98	212.7	23.6	0.0	32.9	1,285.1	8
Hyland	8386*	STX	P250	92	212.6	21.4	0.3	33.9	1,298.6	6
Stine	9417VT3*	VT3	C250	100	199.8	22.3	0.0	32.9	1,215.0	10
Pioneer	P0115AM1 GC	HXT,RR2	C250	101	199.7	24.1	0.0	34.8	1,203.6	12
Dairyland	ST-6494	RR2	C250	94	199.1	20.0	0.0	32.9	1,224.5	9
G2 Genetics	5X-0001 [^]	HXT,RR2	P1250,V	100	199.1	22.4	0.0	32.9	1,210.1	11
Renk	RK530VT3P	VT3P	P250	94	196.5	21.5	0.0	32.9	1,199.6	13
G2 Genetics	5H-597 [^] *	HX,RR2	C250	97	195.5	21.7	0.0	33.9	1,192.4	16
Rupp	XR8002	VT3	C250	94	194.9	20.7	0.0	31.9	1,194.5	14
Hyland	8395*	STX	P250	95	194.6	20.7	0.0	33.9	1,192.7	15
Rupp	XR8414	STX	P250	100	194.6	23.5	0.0	33.9	1,176.4	17
Hyland	8454*	STX	P250	98	192.6	21.7	0.3	32.9	1,174.7	18
Great Lakes	4840GDP	VT2P	P500,V	98	191.6	22.0	0.0	30.9	1,166.8	19
Renk	RK580VT3	VT3	P250	98	191.5	22.1	0.0	31.9	1,165.7	20
Channel	196-06VT3P	VT3P	P500,V	96	190.2	21.2	0.0	32.9	1,162.9	21
Hyland	8486*	STX	P250	103	189.5	23.9	0.0	33.9	1,143.3	23
Fielders Choice	NG6550	VT3P	P250	100	187.3	23.1	0.0	35.8	1,134.5	24
Stine	9311VT3Pro*	VT3P	C250	92	186.8	20.7	0.0	32.9	1,144.9	22
G2 Genetics	5H-700 [^] *	HX,RR2	C250	100	185.7	21.8	0.0	33.8	1,132.0	25
G2 Genetics	5X-895*	HXT,RR2	C250	94	184.6	22.3	0.0	33.9	1,122.6	27
Great Lakes	4282GDP	VT2P	P500,V	92	183.0	20.3	0.0	34.8	1,123.8	26
Great Lakes	4727GS	STX	P500,V	97	180.9	23.2	0.0	33.9	1,095.2	28
Great Lakes	4457VT3PRO	VT3P	P500,V	94	177.6	19.7	0.0	32.9	1,093.8	29
Stine	9206RR*	RR2	C250	91	177.3	19.5	0.0	32.9	1,093.1	30


 F.I.R.S.T. Manager

 Test Average = **188.2** **21.8** **0.0** **33.2** **1,146.9**
 LSD (0.10) = 35.5 2.1 0.3
 C.V. = 13.8 7.0

TEST COMMENTS: Data was rejected due to high yield variability, reflected in the high LSD and C.V. values. Even though monthly rainfall totals look acceptable, soil type and CEC played a big role. May planting attempts were rained out until June. Stalk quality was good ears had good kernel set and depth. Yield variation across area fields was reportedly quite high. Lat: N43.14369, Long: W-84.29708

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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