

2017 Corn Grain Top 30 Harvest Report

Michigan South [MISO] MARSHALL

Double Eagle Farms, Jeff & Greg Fountain, Calhoun County, MI 49068



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Morley loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 5.5 pH, 2.6% OM, 11.1 CEC
 PEST MANAGEMENT: SureStart, Roundup, Force
 FERTILITY - Applied N: 114 Sidedress
 Applied N-P-K (units): 114-0-0
 SEEDING - RATE - ROW: May 10 34,500 /A 30" spacing
 HARVESTED - STAND: Oct 28 34,100 /A

Early-Season Test

96 - 101 Day CRM

B2017MISO22a

Top 30 of 36

For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	G99T64-GT	GT	99	161.3	14.6	1	34.8	516	1
Great Lakes	5029VT2RIB	VT2P,B	100	158.2	15.7	1	33.5	503	2
Integra	4902VT2PRIB	VT2P	99	158.2	15.8	1	34.8	502	3
Dairyland	DS-9599	3000GT	99	156.7	15.0	1	34.8	501	4
Renk	RK612SSTX	STX,B	100	156.5	15.2	1	32.1	500	5
Specialty	26A236	STX,B	96	156.0	16.0	1	33.5	495	6
Renk	RK608DGV2P	VT2P,DG,B	100	155.4	15.4	1	30.7	495	7
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	155.0	16.7	1	37.6	488	10
M & W Seeds	45M21	VT2P,B	100	154.4	16.1	1	36.2	489	8
Golden Harvest	G01P52-3011A	3011,A	101	154.0	15.9	1	34.8	489	9
Renk	RK629VT3P	VT3P,B	101	153.5	15.8	1	33.5	488	11
Seed Consultants	SCS 1018YHR^	OI,AQ	101	152.9	16.1	1	36.2	484	12
M & W Seeds	45N31	VT2P,B	101	151.8	16.0	1	36.2	481	14
M & W Seeds	46L43	VT2P,B	96	150.9	15.2	1	33.5	482	13
Golden Harvest	G97N86-3110	3110	97	148.6	15.3	1	32.1	474	15
NuTech	5N-800	3011,A	100	147.9	15.8	1	32.1	470	16
Dyna-Gro	D39DC43 GC	VT2P,DG	99	145.2	15.0	1	34.8	465	17
Integra	CX701097	VT2P	97	144.7	15.3	1	34.8	462	18
Great Lakes	4728VT2PRO	VT2P	97	144.5	15.4	1	34.8	461	19
Dyna-Gro	D41SS71 GC	STX	101	143.1	15.5	1	34.8	456	20
Great Lakes	4988VT2PRO	VT2P	99	141.9	15.4	1	34.8	452	21
Specialty	30A307	STX,B	100	140.8	16.3	1	36.2	445	24
Pioneer	P9929AMXT GC	AMXT,B	99	140.2	15.6	1	34.8	446	22
Golden Harvest	G96V99-3120-EZR	3120,B	96	139.4	14.9	1	33.5	446	23
NuTech/G2 Gen	5FN-6097^	OI	97	137.9	15.4	1	30.7	440	25
Rupp	xrD97-95	VT2P	97	137.6	15.0	1	34.8	440	26
FS InVISION	FS 50VX1 RIB	STX,B	100	137.6	15.5	1	36.2	438	27
Renk	RK595SSTX	STX,B	99	136.1	15.5	1	33.5	433	29
NuTech/G2 Gen	5F-196^	AM,B	96	135.7	15.3	1	36.2	433	30
Rupp	xrJ99-70	STX,B	99	131.1	15.4	1	30.7	418	31
Pioneer	P0157AMX CK	AMX,AQ,B	101	137.2	16.4	1	33.5	433	28

Jason Beyers

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Averages = **144.9** **15.5** **1** **34.1** **461**

LSD (0.10) = 11.3 0.6 ns

LSD (0.25) = 5.9 0.3 ns

C.V. = 6.0 Prev. years average yield, 163.2 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

Test Comments: *This plot started out with a good stand. It was subjected to 2.5 weeks of hot dry weather with very slow vegetative growth. Good conditions followed and it grew and pollinated well. However, 2 months of very dry conditions after pollination hurt yield potential. Standability of these short plants was good. Some ponding in the full-season test hurt yield badly, leading to data rejection.*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Report Date: 10/29/2017 Revised:

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 FERTILITY - Applied N: 114 Sidedress
 Applied N-P-K (units): 114-0-0
 SEEDING - RATE - ROW: May 10 34,500 /A 30" spacing
 HARVESTED - STAND: Oct 28 33,600 /A

Full-Season Test
102 - 105 Day CRM
 B2017MISO22b

Top 30 of 36
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Revo	REVO20071	STx	100	162.5	17.0	1	35.2	467	1
Golden Harvest	GG3004-3122-42N	3122-B	100	158.8	16.3	1	33.5	438	2
Seed Consultants	SCS 100447	40-RR2	104	153.1	16.2	2	32.5	413	3
W & W Seeds	4000	V7P-B	104	150.0	17.4	1	35.3	407	4
Nutrena/2 Gen	15L4-000P	0017-AG	100	129.2	17.4	1	33.5	401	5
Danvard	DS-804050	STx	104	126.1	16.8	1	34.4	387	6
Revo	REVO20071	STx-B	100	125.7	17.1	1	31.6	387	7
FB seedcorp	FB 80711-RR	STx-B	100	125.2	17.1	1	33.5	388	8
Rupp	v006-70	V7P-B	100	125.1	17.1	1	31.9	388	10
Golden Harvest	GG3004-3122-42N	3122-B	100	125.0	17.0	1	31.7	388	8
Revo	REVO20071	STx-B	100	122.7	17.0	1	33.5	385	11
Specialty	34-007	STx-B	100	122.2	17.0	1	33.5	383	12
Great Lakes	GL2017-RR	STx-B	100	121.8	17.1	1	34.4	382	13
Great Lakes	GL2017-RR	V7P-B	100	121.8	16.9	1	33.5	378	14
Danvard	DS102-4000-CC	V7P-B	100	121.8	17.0	1	35.3	373	16
W & W Seeds	4001	STx-B	100	121.7	16.2	1	34.4	370	17
Rupp	v006-70	V7P-B	100	121.7	16.7	1	34.4	367	21
Nutrena/2 Gen	SP-807	STx-B	100	120.0	16.8	1	33.5	371	16
Golden Harvest	GG3004-3122-42N	3122-B	100	117.8	17.3	1	35.3	368	18
Specialty	32-000	STx-B	100	117.8	17.4	1	33.5	368	18
FB seedcorp	FB 80711-RR	STx-B	104	116.8	16.6	1	35.3	368	20
Nutrena/2 Gen	SP-807	STx-B	104	115.8	16.3	1	35.3	359	23
Pioneer	PC300407-CC	40-RR	100	115.7	17.2	1	33.5	363	22
FB seedcorp	FB 80711-RR	STx-B	100	114.8	17.6	1	32.5	358	24
Rupp	v006-70	V7P-B	100	114.1	17.3	1	33.5	357	25
Seed Consultants	SCS 101740	01	100	114.0	17.3	1	34.4	357	26
Danvard	DS104-3000-CC	STx-B	104	113.8	17.0	1	33.5	355	27
Danvard	DS104-3000-CC	STx-B	104	113.8	16.8	1	35.3	351	28
W & W Seeds	400-04	V7P-B	100	111.8	17.8	1	35.3	348	29
Danvard	DS-804050	STx-B	100	109.7	16.8	1	35.3	345	30
Pioneer	PC300407-CC	40-RR	100	102.1	16.9	1	31.9	321	35

DATA REJECTED

Jason T. Beyers

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Averages =	118.4	17.3	1	33.6	371
LSD (0.10) =	ns	0.8	ns		
LSD (0.25) =	ns	0.4	ns		
C.V. =	13.9	Prev. years average yield, 163.2 bu/a, 12 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

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Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	DS-9701RA	STX,B	CM,C5,Vi,In	101					
Dyna-Gro	D37VC60RIB GC	VT2P,B	AC,P5V	97					
Dyna-Gro	D39DC43 GC	VT2P,DG	AC,P5V	99					
Dyna-Gro	D41SS71 GC	STX	AC,P5V	101					
FS InVISION	FS 49ZX1 RIB	STX,B	AC,P5V	99					
FS InVISION	FS 50VX1 RIB	STX,B	AC,P5V	100					
Golden Harvest	G01P52-3011A	3011,A	CM,C2	101					
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96					
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97					
Golden Harvest	G99T64-GT	GT	AVC,C2,Vi	99					
Great Lakes	4728VT2PRO	VT2P	AC,P5V	97					
Great Lakes	4988VT2PRO	VT2P	AC,P5V	99					
Great Lakes	5029VT2RIB	VT2P,B	AC,P5V	100					
Integra	4902VT2PRIB	VT2P	AC,P2	99					
Integra	CX701097	VT2P	AC,P5V	97					
M & W Seeds	45M21	VT2P,B	AC,P2	100					
M & W Seeds	45N31	VT2P,B	AC,P2	101					
M & W Seeds	46L43	VT2P,B	AC,P2	96					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V,R	96					
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5F-701^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5FN-6097^	OI	MQ,P1V,R	97					
Pioneer	P0157AMX CK	AMX,AQ,B	MQ,P1V	101					
Pioneer	P9929AMXT GC	AMXT,B	MQ,C2,R,Lu	99					
Renk	RK595SSTX	STX,B	AC,P5V	99					
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100					
Renk	RK612SSTX	STX,B	AC,P5V	100					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Rupp	xrD00-51	VT2P,B	AC,P2	100					
Rupp	xrD97-95	VT2P	AC,P5V	97					
Rupp	xrJ99-70	STX,B	AC,P2	99					
Seed Consultants	SCS 1018YHR^	OI,AQ	MQ,P1V,R	101					
Specialty	26A236	STX,B	AC,P5V	96					
Specialty	30A307	STX,B	AC,P5V	100					

2017 Corn Grain - Michigan South [MISO]



Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102					
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104					
Dekalb	DKC51-38RIB GC	STX,B	AC,P5V	101					
Dekalb	DKC52-68RIB GC	VT2P,B	AC,P2	102					
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104					
FS InVISION	FS 52RL0 EZR	3120,B	AVC,C2,Vi	102					
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102					
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104					
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105					
Golden Harvest	G03A50-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G05B91-3010	3010	AVC,C2,Vi	105					
Golden Harvest	G05T82-3122-EZR	3122,B	AVC,C2,Vi	105					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Great Lakes	5556VT2RIB	VT2P,B	AC,P5V	105					
Integra	5250VT2P	VT2P	AC,P5V	102					
Integra	5562VT2PRIB	VT2P,B	AC,P2	105					
M & W Seeds	44D81	VT2P,B	AC,P2	108					
M & W Seeds	45M44	VT2P,B	AC,P2	103					
M & W Seeds	45N89	VT2P,B	AC,P2	104					
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	MQ,P1V,R	103					
Pioneer	P0157AMX CK	AMX,AQ,B	MQ,P1V	101					
Pioneer	P0339AMT GC	AMT,AQ,B	MQ,P1V	103					
Renk	RK642SSTX	STX	AC,P5V	103					
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103					
Renk	RK680SSTX	STX,B	AC,P5V	103					
Renk	RK717SSTX	STX,B	AC,P5V	105					
Rupp	xrD02-93	VT2P,B	AC,P2	102					
Rupp	xrD06-70	VT2P,B	AC,P2	105					
Rupp	xrJ05-75	STX,B	AC,P2	105					
Seed Consultants	SCS 1037YHR^	OI	MQ,P5V,R	103					
Seed Consultants	SCS 10HR43^	HX,RR2	CE,C2	104					
Specialty	32A886	STX,B	AC,P5V	102					
Specialty	34A007	STX,B	AC,P5V	104					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPMa [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPMa [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix [®] are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure [®] 3000GT (CB,RW,LL,GT)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information unavailable	In	Intego™ Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Accelaron [®] fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL [®]
At	Actellic [®]	MQ	Maxim Quattro [®]
AVC	Avicta [®] Complete Corn	None	untreated
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme [®]	R	Raxil [®]
CM	CruiserMaxx [®] Corn	SC	SHIELDCoat™
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

** Seed treatments may include unspecified plant health promoting components.