

2017 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] MARTINSBURG
 Jim Smith, Blair County, PA 16673



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

PREV. CROP/HERB: Soybean / glyphosate
 SOIL DESCRIPTION: Silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: No-till, very high P, medium K, 6 pH, 4.5% OM, 18.5 CEC
 PEST MANAGEMENT: Glyphosate, Capture, Capreno, Atrazine
 FERTILITY - Applied N: 165 Spring, 35 Planter
 Applied N-P-K (units): 200-120-0
 SEEDING - RATE - ROW: May 15 34,000 /A 30" spacing
 HARVESTED - STAND: Dec 9 32,800 /A

All-Season Test
99 - 109 Day CRM
 B2017PACE06

Top 30 of 30

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
Mid-Atlantic	MA8086VT2P	VT2P	108	265.6	16.1	3	34.3	1,023	1
Doebler	RPM 4917AM^	AM,B	109	258.8	16.6	1	34.1	994	2
Doebler	RPM 4318AMXT^	AMXT,B	103	258.7	16.6	0	31.4	993	3
Doebler	RPM 4417AMXT^	AMXT,B	104	248.4	16.0	6	33.6	958	4
Dekalb	DKC60-87RIB GC	STX,B	110	248.1	16.1	7	32.8	956	5
Augusta	A4758VT2Pro	VT2P	108	246.4	15.8	4	33.8	951	6
Hubner	H6394RCSS	STX,B	108	245.7	15.7	0	33.3	949	7
Mid-Atlantic	MA8034VT2P	VT2P	103	243.7	15.6	3	33.7	942	8
Dyna-Gro	D47VC29	VT2P	107	243.5	15.4	5	32.8	942	9
Hubner	H5490RC3P	VT3P,B	110	242.1	16.2	3	35.1	932	10
Pioneer	P0574AM GC	AM,B	105	241.4	16.1	2	33.0	930	11
Dyna-Gro	D45SS65	STX	105	240.6	15.6	7	33.8	930	12
Dekalb	DKC57-99RIB GC	VT2P,DG,B	107	237.1	15.5	6	30.7	917	13
Mid-Atlantic	MA8091VT2P	VT2P	109	237.0	17.9	0	32.0	902	17
Chemgro	6985RDP	VT2P	109	236.6	16.8	7	32.7	907	16
Augusta	A1156GENSS	STX	106	235.9	15.8	3	33.9	911	14
Mid-Atlantic	MA8063VT2P	VT2P	106	234.9	15.5	3	31.4	908	15
Mid-Atlantic	MA8092VT2P	VT2P	109	234.0	16.7	3	31.8	898	19
Viking	49-09	None	109	233.0	15.7	2	32.5	900	18
Viking	13-07	None	107	231.0	15.5	4	31.9	893	20
T.A. Seeds	TA536-28RIB	STX,B	104	230.8	16.0	2	32.5	890	21
Augusta	A4759GT3111	3111	109	230.8	17.0	0	32.8	884	23
Hubner	H6257RCSS	STX,B	104	230.0	15.4	4	33.3	890	22
Augusta	A1256GENSS	STX	106	227.2	15.6	1	31.2	878	24
Chemgro	6859V3	3111	108	226.1	17.0	0	34.5	866	26
Chemgro	6469RSX	STX,B	104	225.9	15.8	1	32.7	872	25
Pioneer	P0843AM GC	AM,B	108	225.5	17.4	2	32.7	861	27
Augusta	A1159GTCBLL	3010	109	222.0	17.2	2	33.6	849	28
T.A. Seeds	TA547-22DPRIB	VT2P,B	106	219.4	15.4	4	31.1	849	29
Doebler	RPM 4115AMXT^	AMXT,AQ,B	101	214.7	15.8	1	31.8	829	30

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Averages = **237.2** **16.1** **3** **32.8** **913**

LSD (0.10) = 13.1 0.1 2

LSD (0.25) = 6.8 0.1 1

C.V. = 5.2

Prev. years average yield, 166.9 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.88; non-GMO = \$3.88

Test Comments: *Plenty of rainfall throughout the growing season produced above average yields. No extreme high temperatures gave the corn very little stress and no significant disease was present in early fall. Corn was standing nice at this late harvest with mainly tops breaking off. Overall rating of the plot is a 8 out of 10. (10=best)*

† 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: 12/11/2017 Revised:

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All-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1156GENSS	STX	AC,P5V	106					
Augusta	A1159GTCBLL	3010	AVC,C5	109					
Augusta	A1256GENSS	STX	AC,P2	106					
Augusta	A4758VT2Pro	VT2P	CM,C1	108					
Augusta	A4759GT3111	3111	CM,C2	109					
Chemgro	6469RSX	STX,B	AC,P5V	104					
Chemgro	6859V3	3111	CM,C2,Vi	108					
Chemgro	6985RDP	VT2P	AC,P2	109					
Dekalb	DKC57-99RIB GC	VT2P,DG,B	AC,P5V	107					
Dekalb	DKC60-87RIB GC	STX,B	AC,P5V	110					
Doebler	RPM 4115AMXT^	AMXT,AQ,B	MQ,P1V,In	101					
Doebler	RPM 4318AMXT^	AMXT,B	MQ,P1V,In	103					
Doebler	RPM 4417AMXT^	AMXT,B	MQ,P1V,In	104					
Doebler	RPM 4917AM^	AM,B	MQ,P1V,In	109					
Dyna-Gro	D45SS65	STX	AC,P5V	105					
Dyna-Gro	D47VC29	VT2P	AC,P5V	107					
Hubner	H5490RC3P	VT3P,B	AC,P5V	110					
Hubner	H6257RCSS	STX,B	AC,P5V	104					
Hubner	H6394RCSS	STX,B	AC,P5V	108					
Mid-Atlantic	MA8034VT2P	VT2P	AC,P5V	103					
Mid-Atlantic	MA8063VT2P	VT2P	AC,P5V	106					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P5V	108					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P5V	109					
Mid-Atlantic	MA8092VT2P	VT2P	AC,P5V	109					
Pioneer	P0574AM GC	AM,B	MQ,P1V	105					
Pioneer	P0843AM GC	AM,B	MQ,C2,Lu	108					
T.A. Seeds	TA536-28RIB	STX,B	AVC,C5	104					
T.A. Seeds	TA547-22DPRIB	VT2P,B	AVC,C5	106					
Viking	13-07	None	CM,C2	107					
Viking	49-09	None	CM,C2	109					

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	Acceleron [®] 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.