

2017 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] MCVEYTOWN
Charles Groff, Juniata County, PA 17051



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

PREV. CROP/HERB: Corn, 2+ Yr
SOIL DESCRIPTION: Silty clay, moderately drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, very high P, medium K, 5.9 pH, 2.9% OM, 9.4 CEC
PEST MANAGEMENT: Glyphosate, Capreno, Atrazine, Capture
FERTILITY - Applied N: 65 Planter, 115 Sidedress
Applied N-P-K (units): 180-80-75
SEEDING - RATE - ROW: May 16 34,500 /A 30" spacing
HARVESTED - STAND: Dec 6 34,100 /A

All-Season Test
99 - 109 Day CRM
B2017PACE05

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
Chemgro	6985RDP	VT2P	109	248.6	14.1	10	35.1	965	1
Mid-Atlantic	MA8091VT2P	VT2P	109	240.2	15.6	26	34.1	928	2
Pioneer	P0843AM GC	AM,B	108	222.4	14.6	23	33.0	863	3
Mid-Atlantic	MA8086VT2P	VT2P	108	221.1	14.0	23	34.6	858	4
Hubner	H6394RCSS	STX,B	108	220.0	13.7	6	35.1	854	5
Augusta	A4759GT3111	3111	109	219.7	14.0	11	33.6	852	6
Pioneer	P0574AM GC	AM,B	105	217.0	14.1	26	35.5	842	7
Dyna-Gro	D47VC29	VT2P	107	215.8	13.8	17	35.5	837	8
Augusta	A4758VT2Pro	VT2P	108	212.0	14.3	20	34.7	823	9
T.A. Seeds	TA547-22DPRIB	VT2P,B	106	211.7	13.3	3	33.2	821	10
Mid-Atlantic	MA8092VT2P	VT2P	109	211.2	14.2	20	33.3	819	11
Chemgro	6469RSX	STX,B	104	208.7	13.9	7	35.5	810	12
Augusta	A1156GENSS	STX	106	208.1	13.8	9	32.9	807	13
Doebler	RPM 4417AMXT^	AMXT,B	104	203.6	14.0	23	35.0	790	14
T.A. Seeds	TA536-28RIB	STX,B	104	203.0	13.9	6	35.0	788	15
Mid-Atlantic	MA8063VT2P	VT2P	106	200.1	13.3	19	32.0	776	16
Dekalb	DKC60-87RIB GC	STX,B	110	200.1	14.1	27	34.5	776	17
Chemgro	6859V3	3111	108	199.3	13.7	10	34.1	773	18
Viking	13-07	None	107	193.5	13.8	16	33.7	751	19
Hubner	H5490RC3P	VT3P,B	110	192.2	14.5	28	35.1	746	20
Augusta	A1256GENSS	STX	106	191.4	13.7	22	33.0	743	21
Augusta	A1159GTCBLL	3010	109	190.4	14.0	22	35.5	739	22
Doebler	RPM 4917AM^	AM,B	109	189.5	14.7	39	34.5	735	23
Dyna-Gro	D45SS65	STX	105	185.3	14.4	39	35.6	719	24
Viking	49-09	None	109	184.3	14.3	46	34.1	715	25
Doebler	RPM 4318AMXT^	AMXT,B	103	181.6	14.6	50	31.4	705	26
Dekalb	DKC57-99RIB GC	VT2P,DG,B	107	175.6	13.9	38	31.6	681	27
Hubner	H6257RCSS	STX,B	104	175.0	14.6	49	34.1	679	28
Mid-Atlantic	MA8034VT2P	VT2P	103	165.0	14.0	17	34.1	640	29
Doebler	RPM 4115AMXT^	AMXT,AQ,B	101	129.6	14.7	75	34.1	503	30

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Averages = **200.5** **14.1** **24** **34.1** **778**

LSD (0.10) = 16.2 0.4 14

LSD (0.25) = 8.5 0.2 8

C.V. = 7.7 Prev. years average yield, 159.4 bu/a, 10 yrs

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

Test Comments: *Good growing season. Rainfall was above average with little stress for the summer. Yields would have been higher for some hybrids but stalk and root strength caused some to lay over. Poor roots, Anthracnose and Diplodia was evident. 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: 12/07/2017 Revised:

2017 Corn Grain - Pennsylvania Central [PACE]



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.