

2017 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] CENTRE HALL
Wade Wolfe, Centre County, PA 16828



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

PREV. CROP/HERB: Corn, 2+ Yr / glyphosate, Prowl, Atrazine
SOIL DESCRIPTION: Silt loam, moderately drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, very high P, medium K, 4.5 pH, 2.8% OM, 16.2 CEC
PEST MANAGEMENT: Capreno, Atrazine, Lorsban
FERTILITY - Applied N: 180 Spring, 40 Planter
Applied N-P-K (units): 220-0-0
SEEDING - RATE - ROW: May 23 36,000 /A 30" spacing
HARVESTED - STAND: Nov 14 35,900 /A

All-Season Test
99 - 109 Day CRM
B2017PACE04

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
Dyna-Gro	D45SS65	STX	105	243.0	20.2	1	36.1	923	1
Doebler	RPM 4417AMXT^	AMXT,B	104	239.0	22.5	3	36.0	894	2
Dekalb	DKC60-87RIB GC	STX,B	110	231.0	25.6	4	36.8	847	6
Hubner	H6394RCSS	STX,B	108	228.2	23.2	0	36.0	850	5
Hubner	H6257RCSS	STX,B	104	228.0	20.6	2	35.8	864	4
Mid-Atlantic	MA8034VT2P	VT2P	103	227.8	19.9	4	37.0	867	3
Augusta	A4758VT2Pro	VT2P	108	225.9	23.2	2	35.4	841	8
T.A. Seeds	TA536-28RIB	STX,B	104	223.9	20.9	1	35.8	847	7
Viking	49-09	None	109	223.1	22.2	2	35.5	837	9
Pioneer	P0574AM GC	AM,B	105	220.3	22.2	3	33.4	826	10
Mid-Atlantic	MA8092VT2P	VT2P	109	216.9	23.9	1	36.4	804	12
Augusta	A1156GENSS	STX	106	213.9	21.0	1	35.4	809	11
Doebler	RPM 4917AM^	AM,B	109	213.4	25.8	2	34.8	781	18
Mid-Atlantic	MA8086VT2P	VT2P	108	211.7	22.4	4	36.4	793	14
Chemgro	6985RDP	VT2P	109	210.8	22.9	5	35.8	787	16
Hubner	H5490RC3P	VT3P,B	110	210.2	24.5	3	36.7	776	20
Dyna-Gro	D47VC29	VT2P	107	209.8	21.1	3	35.1	793	15
Chemgro	6469RSX	STX,B	104	209.7	20.3	2	35.1	796	13
Augusta	A4759GT3111	3111	109	209.0	24.0	0	36.5	774	21
Pioneer	P0843AM GC	AM,B	108	207.6	24.5	1	34.5	767	23
Doebler	RPM 4115AMXT^	AMXT,AQ,B	101	206.6	19.8	3	35.8	787	17
Viking	13-07	None	107	204.6	21.6	5	37.6	770	22
Augusta	A1256GENSS	STX	106	203.7	19.7	5	34.7	777	19
Chemgro	6859V3	3111	108	203.1	24.1	2	36.5	752	27
Augusta	A1159GTCBLL	3010	109	202.8	24.2	1	35.8	750	28
Mid-Atlantic	MA8063VT2P	VT2P	106	198.6	19.7	2	37.2	757	25
Dekalb	DKC57-99RIB GC	VT2P,DG,B	107	197.8	17.8	4	36.4	764	24
T.A. Seeds	TA547-22DPRIB	VT2P,B	106	196.6	18.8	3	37.4	754	26
Mid-Atlantic	MA8091VT2P	VT2P	109	193.3	29.8	2	35.4	688	30
Doebler	RPM 4318AMXT^	AMXT,B	103	192.8	21.2	1	34.3	728	29

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Averages = **213.4** **22.3** **2** **35.9** **800**

LSD (0.10) = 13.7 0.9 ns

LSD (0.25) = 7.2 0.5 ns

C.V. = 6.1 Prev. years average yield, 180.0 bu/a, 13 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.93; non-GMO = \$3.93

Test Comments: *Good soil moisture at planting started the corn crop off nicely. Early summer was almost too wet with some nitrogen not being there when needed, sidedressing was a good idea this year. Late August and September was dry which took some top yield potential away from the later maturity hybrids. Corn was standing nicely at harvest. Overall rating of the plot was 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: 11/15/2017 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. VPM [®] 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 [®] , VPM [®] 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.