

2015 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 / Lumax, atrazine
SOIL DESCRIPTION: Ashton-Monongahela silt loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 2.7% OM
PEST MANAGEMENT: Dual II Magnum, atrazine, Capreno, Capture
FERTILITY - Applied N: 90 Spring, 45 Planter, 90 Sidedress
Applied N-P-K (units): 225-75-0
SEDED - RATE - ROW: May 7 33,000 /A 30" spacing
HARVESTED - STAND: Oct 26 33,900 /A

All-Season Test
99 - 109 Day CRM
B2015PACE03

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
Hubner	H5490RC3P	VT3P,B	110	293.7	14.4	4	35.6	1,131	1
Chemgro	6859V3	3111	108	276.8	14.3	0	34.1	1,066	2
Augusta	A4758VT2ProRIB	VT2P,B	108	265.8	13.2	4	33.7	1,023	3
Dyna-Gro	D49VP88	VT3P	109	264.5	14.1	1	34.7	1,018	4
Augusta	<i>A4959GT3110</i>	<i>3110</i>	<i>109</i>	264.5	15.5	5	33.3	1,015	6
Mycogen	2Y669	STX,B	108	264.0	14.8	34	36.0	1,016	5
Dekalb	DKC60-67RIB GC	STX,B	110	262.5	14.8	3	33.3	1,011	7
Augusta	A4258SS	STX	108	261.7	14.2	4	31.8	1,008	8
Mid-Atlantic	MA8099VT3P	VT3P	109	258.9	14.0	1	35.0	997	9
TA Seeds	TA583-28RIB	STX,B	108	257.8	13.5	2	32.8	993	10
Doebler	RPM 563HXR^	HX,RR2	105	255.8	14.1	2	32.4	985	11
Mid-Atlantic	MA8086STX	STX	108	255.6	14.1	3	34.1	984	12
Pioneer	P0843AM GC	AM,B	108	254.9	14.5	5	32.7	981	13
Chemgro	6469RSX	STX	104	253.8	13.6	2	34.1	977	14
Mid-Atlantic	MA8065STX	STX	106	253.7	13.3	15	35.2	977	15
Mid-Atlantic	MA9076	None	107	252.9	13.6	19	33.3	974	16
Dekalb	DKC55-20RIB GC	STX,B	105	243.2	13.3	1	35.0	936	17
Dyna-Gro	D41SS71RIB	STX,B	101	239.5	13.0	6	34.3	922	18
Chemgro	6546R3P	VT3P,B	105	239.5	13.3	6	33.7	922	19
Mid-Atlantic	MA8046SS	STX	104	238.5	13.1	2	34.6	918	20
Hubner	H6191RCSS	STX,B	99	238.5	12.8	3	35.2	918	21
Doebler	RPM 4115AM^	AM,AQ,B	101	234.7	13.4	6	32.8	904	22
TA Seeds	TA544-28RIB	STX,B	104	234.1	13.2	1	33.8	901	23
Mycogen	2T619	STX,B	106	232.5	14.2	22	34.8	895	24
Hubner	H5368RC3P	VT3P,B	105	227.4	13.0	3	34.7	875	25
Pioneer	P0339AM GC	AM,AQ,B	103	223.3	13.6	2	33.8	860	26
Mycogen	X13652VH	HXT,RR2	109	223.0	14.5	4	32.9	859	27
Doebler	RPM 4315AMXT^	AMXT,B	103	217.1	13.2	8	34.1	836	28
Mid-Atlantic	MA8045STX	STX	104	213.9	13.0	3	33.2	824	29
TA Seeds	TA566-31	3111	106	212.9	13.8	9	32.9	820	30

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Averages = **247.2** **13.8** **6** **33.9** **952**
LSD (0.10) = 17.5 0.5 9
LSD (0.25) = 12.2 0.4 6
C.V. = 5.2 2.7

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.85; non-GMO = \$3.85

Test Comments: *Plenty of rainfall for most of the growing season, some early rains were excessive and leached some nitrogen out of the root zone. Very little disease pressure with gray leaf spot starting too late to cause any impact. Most hybrids were standing at harvest, however, a few were starting to get weak knees. Overall rating of the trial is 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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Revised:

2015 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	A4258SS	STX	AC,P5V	108					
Augusta	A4758VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A4959GT3110	3110	AVC,C5	109					
Chemgro	6469RSX	STX	AC,P5V	104					
Chemgro	6546R3P	VT3P,B	AC,P2	105					
Chemgro	6859V3	3111	AVC,C5	108					
Dekalb	DKC55-20RIB GC	STX,B	AC,P5V	105					
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110					
Doebler	RPM 4115AM^	AM,AQ,B	CM,C2	101					
Doebler	RPM 4315AMXT^	AMXT,B	CM,C2	103					
Doebler	RPM 563HXR^	HX,RR2	CM,C2	105					
Dyna-Gro	D41SS71RIB	STX,B	AC,P5V	101					
Dyna-Gro	D49VP88	VT3P	AC,P5V	109					
Hubner	H5368RC3P	VT3P,B	AC,P5V	105					
Hubner	H5490RC3P	VT3P,B	AC,P5V	110					
Hubner	H6191RCSS	STX,B	AC,P5V	99					
Mid-Atlantic	MA8045STX	STX	AC,P5V	104					
Mid-Atlantic	MA8046SS	STX	AC,P5V	104					
Mid-Atlantic	MA8065STX	STX	AC,P5V	106					
Mid-Atlantic	MA8086STX	STX	AC,P5V	108					
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109					
Mid-Atlantic	MA9076	None	AC,P2	107					
Mycogen	2T619	STX,B	CM,C5,Vi,In	106					
Mycogen	2Y669	STX,B	CM,C5,Vi,In	108					
Mycogen	X13652VH	HXT,RR2	CM,C5,Vi,In	109					
Pioneer	P0339AM GC	AM,AQ,B	MQ,C2,Lu	103					
Pioneer	P0843AM GC	AM,B	MQ,P1V	108					
TA Seeds	TA544-28RIB	STX,B	AVC,C5	104					
TA Seeds	TA566-31	3111	AVC,C5	106					
TA Seeds	TA583-28RIB	STX,B	AVC,C5	108					

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. 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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, Power Plus®, RPM®, Supreme EX®, VPMaxx® 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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
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)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIssect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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