

2015 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] MARTINSBURG
Jim Smith, Blair County, PA 16662



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

PREV. CROP/HERB: Soybean / glyphosate
SOIL DESCRIPTION: Hublersburg cherty silt loam, moderately drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.3 pH, 5.4% OM
PEST MANAGEMENT: glyphosate, 2,4-D, Lumax, Capture, Capreno, atrazine
FERTILITY - Applied N: 40 Fall, 92 Spring, 80 Sidedress
Applied N-P-K (units): 212-0-0
SEDED - RATE - ROW: May 4 33,000 /A 30" spacing
HARVESTED - STAND: Oct 30 36,300 /A

All-Season Test
99 - 109 Day CRM
B2015PACE02

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	MA8086STX	STX	108	269.0	15.2	3	35.1	1,040	1
Doebler	RPM 563HXR^	HX,RR2	105	250.9	14.9	1	36.4	971	2
Augusta	A4758VT2ProRIB	VT2P,B	108	241.1	13.9	2	35.8	933	3
Doebler	RPM 4315AMXT^	AMXT,B	103	239.2	13.8	2	37.3	926	4
Mid-Atlantic	MA8046SS	STX	104	234.4	13.8	2	36.7	907	5
TA Seeds	TA583-28RIB	STX,B	108	233.1	14.4	3	36.3	902	6
Mid-Atlantic	MA8065STX	STX	106	233.0	14.0	2	35.9	902	7
Pioneer	P0843AM GC	AM,B	108	227.7	15.7	1	36.7	877	8
Augusta	A4959GT3110	3110	109	225.9	16.1	1	37.8	868	11
Mycogen	X13652VH	HXT,RR2	109	225.6	15.6	2	37.6	870	10
Pioneer	P0339AM GC	AM,AQ,B	103	225.2	13.9	2	36.0	872	9
Hubner	H5368RC3P	VT3P,B	105	222.5	13.7	6	36.0	861	12
Hubner	H6191RCSS	STX,B	99	219.5	13.4	3	36.9	849	13
Dekalb	DKC55-20RIB GC	STX,B	105	217.2	14.0	2	36.1	841	14
Doebler	RPM 4115AM^	AM,AQ,B	101	216.4	14.1	1	36.4	837	15
Mid-Atlantic	MA8099VT3P	VT3P	109	216.4	14.4	2	36.9	837	16
Dyna-Gro	D41SS71RIB	STX,B	101	215.9	13.9	3	36.4	836	17
Mid-Atlantic	MA9076	None	107	215.5	14.0	3	33.9	834	18
Mycogen	2Y669	STX,B	108	215.0	15.1	5	37.0	832	19
Hubner	H5490RC3P	VT3P,B	110	212.3	14.6	3	36.0	822	20
Chemgro	6469RSX	STX	104	212.1	14.1	0	37.0	821	21
Mycogen	2T619	STX,B	106	210.1	15.3	1	36.9	812	22
Chemgro	6546R3P	VT3P,B	105	208.1	13.7	4	34.2	805	23
Dyna-Gro	D49VP88	VT3P	109	206.3	14.0	3	36.9	798	24
Augusta	A4258SS	STX	108	205.9	14.6	2	34.7	797	25
Dekalb	DKC60-67RIB GC	STX,B	110	203.8	13.8	4	36.5	789	26
TA Seeds	TA544-28RIB	STX,B	104	199.4	13.9	1	35.9	772	27
Mid-Atlantic	MA8045STX	STX	104	191.7	13.4	4	35.4	742	28
TA Seeds	TA566-31	3111	106	182.2	15.7	0	36.8	702	29
Chemgro	6859V3	3111	108	178.5	13.5	2	36.5	691	30

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Averages = **218.5** **14.4** **2** **36.3** **845**
LSD (0.10) = 21.7 0.6 2
LSD (0.25) = 15.1 0.4 2
C.V. = 7.3 2.9

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.87; non-GMO = \$3.87

Test Comments: *Soil conditions at planting were excellent. Crop started fast and looked great for most of the season. Northern corn leaf blight and gray leaf spot was observed in mid-August. Rainfall did shut off from mid-August through September which took away the top-end yield potential. Some hybrids were more affected than others depending on the development stage. Overall test rating is 8 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:

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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	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					
Doebblers	RPM 4115AM^	AM,AQ,B	CM,C2	101					
Doebblers	RPM 4315AMXT^	AMXT,B	CM,C2	103					
Doebblers	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,ln	106					
Mycogen	2Y669	STX,B	CM,C5,Vi,ln	108					
Mycogen	X13652VH	HXT,RR2	CM,C5,Vi,ln	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.