

## 2015 Corn Grain Top 30 Harvest Report

Pennsylvania Central [ PACE ] DANVILLE  
Rich & Stan Crone, Montour County, PA 17821



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

PREV. CROP/HERB: Soybean  
SOIL DESCRIPTION: Buchanan gravelly loam, moderately drained, no-till, non-irrigated  
SOIL CONDITION: Moderate P, mod. high K, 6.5 pH, 3.1% OM  
PEST MANAGEMENT: glyphosate, Acuron, Capture  
FERTILITY - Applied N: 90 Spring, 35 Planter, 90 Sidedress  
Applied N-P-K (units): 215-35-100  
SEDED - RATE - ROW: May 20 33,000 /A 30" spacing  
HARVESTED - STAND: Nov 13 34,200 /A

**All-Season Test**  
**99 - 109 Day CRM**  
B2015PACE05

**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	<b>239.5</b>	15.7	8	34.7	870	1
Pioneer	P0843AM GC	AM,B	108	<b>235.7</b>	17.0	13	35.0	849	4
TA Seeds	TA544-28RIB	STX,B	104	<b>235.6</b>	14.2	3	34.5	860	2
Pioneer	P0339AM GC	AM,AQ,B	103	<b>233.5</b>	15.6	13	34.2	849	5
Hubner	H5368RC3P	VT3P,B	105	<b>233.2</b>	13.6	3	34.7	851	3
Chemgro	6469RSX	STX	104	228.7	14.8	0	35.2	835	6
Mid-Atlantic	MA8086STX	STX	108	227.3	15.8	1	34.1	825	7
Mid-Atlantic	MA8099VT3P	VT3P	109	226.3	16.5	2	33.8	818	8
Dekalb	DKC60-67RIB GC	STX,B	110	223.1	15.7	2	33.4	810	9
Hubner	H6191RCSS	STX,B	99	221.8	13.4	2	36.1	810	10
Dekalb	DKC55-20RIB GC	STX,B	105	220.8	14.2	2	34.1	806	11
Doebler	RPM 563HXR^	HX,RR2	105	219.6	15.6	2	33.3	798	12
Mycogen	2Y669	STX,B	108	218.8	15.9	29	34.6	794	13
Mycogen	X13652VH	HXT,RR2	109	217.5	18.5	3	33.4	775	20
TA Seeds	TA583-28RIB	STX,B	108	216.5	15.0	39	34.6	790	14
Augusta	A4258SS	STX	108	215.3	16.2	9	33.8	779	16
Chemgro	6859V3	3111	108	214.7	15.8	6	34.1	779	17
Mid-Atlantic	MA8046SS	STX	104	214.1	13.9	10	33.0	781	15
Mycogen	2T619	STX,B	106	213.0	15.0	6	34.7	777	18
Doebler	RPM 4115AM^	AM,AQ,B	101	212.9	14.1	9	33.6	777	19
Dyna-Gro	D41SS71RIB	STX,B	101	211.6	14.1	3	35.2	772	21
Augusta	A4758VT2ProRIB	VT2P,B	108	209.2	14.7	50	32.7	764	22
Chemgro	6546R3P	VT3P,B	105	208.0	14.0	19	33.6	759	23
Mid-Atlantic	MA8065STX	STX	106	206.5	14.7	38	33.3	754	24
Mid-Atlantic	MA9076	None	107	204.0	15.0	59	35.5	745	25
Dyna-Gro	D49VP88	VT3P	109	202.4	15.1	2	34.3	738	26
Mid-Atlantic	MA8045STX	STX	104	201.0	13.6	5	34.1	734	27
Augusta	A4959GT3110	3110	109	196.9	17.9	28	34.6	704	29
Doebler	RPM 4315AMXT^	AMXT,B	103	195.2	13.8	18	33.9	712	28
TA Seeds	TA566-31	3111	106	193.2	16.2	32	33.9	699	30

*Robin Kauffman*

Rob Kauffman

rkmaits@aol.com, (717) 413-0763

Averages = **216.5** **15.2** **14** **34.2** **787**  
LSD (0.10) = 16.6 0.4 16  
LSD (0.25) = 11.5 0.3 11  
C.V. = 5.6 2.0

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.65; non-GMO = \$3.65

**Test Comments:** *Good soil moisture and temperature at planting helped this test off to a good start. Except for a short dry spell from late August into September, rainfall was good this summer. Strong winds, 25 to 35 mph, one day before harvest caused some hybrid lodging, however, these hybrids still went through the combine at near 100% yield potential. Overall test rating 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:

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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					
Doebbers	RPM 4115AM^	AM,AQ,B	CM,C2	101					
Doebbers	RPM 4315AMXT^	AMXT,B	CM,C2	103					
Doebbers	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.