

# 2013 Corn Grain Top 30 Harvest Report

Pennsylvania Central [ PACE ] RINGTOWN  
 Scott Careyva, Schuylkill County, PA 17967



Test by: Mid-Atlantic Independent Tech. Svcs., Mt. Hope, PA

PREV. CROP/HERB: Wheat/soybean / glyphosate  
 SOIL DESCRIPTION: Clay loam, no-till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 4.3% OM  
 PEST MANAGEMENT: Lumax, Atrazine, Capture  
 FERTILITY - Applied N: 180 Spring, 30 Planter  
 Applied N-P-K (units): 210-0-120  
 SEEDED - RATE - ROW: May 1 33,600 /A 30" spacing  
 HARVESTED - STAND: Nov 5 34,800 /A

**All-Season Test**  
**99 - 109 Day CRM**  
 B2013PACE02

**Top 24 of 24**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	<b>254.2</b>	18.0	14	35.9	1,010	2
Dekalb	DKC52-04RIB GC	VT3P,B	AC,P5	102	<b>250.2</b>	15.1	22	35.0	1,013	1
Doebblers	554GRQ	3000GT	MQ,C2	105	245.8	17.3	0	34.6	981	3
TA Seeds	TA544-28RIB	STX,B	AVC,C2	104	244.9	16.8	5	34.6	981	4
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108	244.2	17.2	38	36.4	976	5
TA Seeds	TA565-20	3000GT	AVC,C2	106	242.8	17.5	6	33.3	968	6
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107	242.7	18.6	30	35.1	961	7
Dekalb	DKC53-56RIB GC	STX,B	AC,P5	103	237.9	16.2	12	34.7	956	8
Doebblers	RPM 603XRR^	RR2	MQ,C2	108	237.4	16.7	11	32.9	951	9
Pioneer	P0604YHR GC	OI	CM,C2	106	236.3	17.2	39	33.0	944	11
Doebblers	RPM 537AMX^	AMX,B	MQ,P1V	103	234.3	17.9	19	33.7	932	12
Chemgro	6337RVP	VT3P	AC,P5	103	233.7	15.2	21	34.8	945	10
Augusta	A2954GT3000	3000GT	CE,C2	104	232.9	17.2	28	35.9	930	13
FS InVISION	FS 55R25VT3P	VT3P,B	AC,P2	105	232.0	17.5	7	34.5	925	14
Dyna-Gro	D47SS23	STX	AC,P5V	106	231.8	17.8	14	35.8	923	15
Pioneer	P0210HR GC	HX,RR2	MQ,P1V	102	228.1	16.2	75	35.9	917	16
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	226.9	17.8	12	36.4	903	18
Chemgro	6547RVP	VT3P	AC,P5	105	226.1	16.4	49	35.6	908	17
Chemgro	6947RVP	VT3P	AC,P5V	109	217.2	16.7	44	34.1	870	19
Augusta	A4658GT3110	3110	CE,C2	108	213.9	17.9	52	33.6	851	21
Hubner	H5333RC3P	VT3P,B	AC,P5V	107	211.5	15.8	26	35.0	852	20
Augusta	A2847GT3000	3000GT	CE,C2	99	210.9	15.7	43	34.2	850	22
Augusta	A2956	None	CE,C2	106	185.1	18.0	65	34.5	736	23
Doebblers	RPM 498HXR^	HX,RR2	MQ,P1V	99	163.9	16.3	38	35.3	658	24



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Test Average = **228.5** **17.0** **28** **34.8** **914**  
 LSD (0.10) = 20.5 0.8 18  
 C.V. = 6.5 3.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$4.05 \text{ Local GMO}}{\$4.05 \text{ non-GMO}}$

**Test Comments:** *One of the nicest looking tests through July. Good emergence, excellent stands, and timely rains during early summer August turned drier and a late season storm broke some hybrids off just below the ear, most however, were picked up by the header. This test shows nice corn stalk strength differences for central PA. The main disease was Anthracnose with some Diplodia. Overall test rating is 8 of 10.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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**All-Season Test Products (24 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A2847GT3000	3000GT	CE,C2	99					
Augusta	A2954GT3000	3000GT	CE,C2	104					
Augusta	A2956	None	CE,C2	106					
Augusta	A4658GT3110	3110	CE,C2	108					
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108					
Chemgro	6337RVP	VT3P	AC,P5	103					
Chemgro	6547RVP	VT3P	AC,P5	105					
Chemgro	6947RVP	VT3P	AC,P5V	109					
Dekalb	DKC52-04RIB GC	VT3P,B	AC,P5	102					
Dekalb	DKC53-56RIB GC	STX,B	AC,P5	103					
Doebblers	554GRQ	3000GT	MQ,C2	105					
Doebblers	RPM 498HXR^	HX,RR2	MQ,P1V	99					
Doebblers	RPM 537AMX^	AMX,B	MQ,P1V	103					
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107					
Doebblers	RPM 603XRR^	RR2	MQ,C2	108					
Dyna-Gro	D47SS23	STX	AC,P5V	106					
Dyna-Gro	D49VP88	VT3P	AC,P5V	109					
FS InVISION	FS 55R25VT3P	VT3P,B	AC,P2	105					
Hubner	H5333RC3P	VT3P,B	AC,P5V	107					
Pioneer	P0210HR GC	HX,RR2	MQ,P1V	102					
Pioneer	P0604YHR GC	OI	CM,C2	106					
TA Seeds	TA544-28RIB	STX,B	AVC,C2	104					
TA Seeds	TA565-20	3000GT	AVC,C2	106					
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. 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®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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