

# 2014 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 / Atrazine, Prowl, Status  
SOIL DESCRIPTION: Silt loam, mod. well drained, conventional w/o fall till, non-irrigated  
SOIL CONDITION: Mod. High P, mod. high K, 5.2 pH, 3.34% OM  
PEST MANAGEMENT: Prowl, atrazine, Capreno, Banvel, Capture  
FERTILITY - Applied N: 150 Fall, 30 Planter  
Applied N-P-K (units): 180-130-120  
SEEDING - RATE - ROW: May 5 32,900 /A 30" spacing  
HARVESTED - STAND: Nov 5 31,800 /A

**All-Season Test**  
**99 - 109 Day CRM**  
B2014PACE01

**Top 30 of 30**  
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
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	<b>239.3</b>	20.4	0	32.9	853	1
Doebler	RPM 629AMXT^	AMXT,B	MQ,P1V	108	<b>235.8</b>	22.6	0	32.0	828	2
Pioneer	P0419AMX GC	AMX,B	MQ,C2	104	<b>230.4</b>	20.3	0	30.3	822	4
FS InVISION	FS 60R36SS	STX,B	AC,P5V	110	<b>230.4</b>	23.8	0	30.3	802	7
Chemgro	6546R3P	VT3P,B	AC,P2	105	229.0	18.5	0	33.0	827	3
Hubner	H5490RC3P	VT3P,B	AC,P5V	109	226.7	19.7	0	33.7	812	5
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	226.5	20.3	0	32.5	808	6
Mid-Atlantic	MA8045STX	STX,B	AC,P2	104	223.0	19.1	1	29.6	802	8
Chemgro	6859V3	3111	CM,C2	108	222.4	22.3	0	31.4	782	12
FS InVISION	FS 57R30SS	STX,B	AC,P5V	107	221.0	19.4	1	32.4	793	9
Pioneer	P0506AM GC	AM,AQ,B	MQ,P1V	105	220.3	20.5	0	31.1	785	11
Hubner	H5368RC3P	VT3P,B	AC,P5V	105	218.3	17.7	0	34.1	793	10
Mid-Atlantic	MA5042GT3	3000GT	CM,C2	104	218.0	20.2	0	32.5	778	13
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	212.9	20.6	0	32.0	758	17
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	212.7	17.2	1	32.4	775	14
Hubner	H6254RCSS	STX,B	AC,P5V	105	211.1	19.0	2	30.1	760	16
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	211.0	17.2	1	30.3	769	15
Dyna-Gro	D46SS46	STX	AC,P5V	107	206.6	18.9	1	32.9	744	18
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	206.2	19.7	1	31.2	739	19
Doebler	RPM 537AMX^	AMX,AQ,B	CM,C2	103	205.9	21.5	0	31.5	728	21
Mid-Atlantic	MA5001GT3VIP	3111	CM,C2	102	202.8	18.3	0	31.4	734	20
Steyer	10803GENSS RIB	STX,B	CM,C2	108	200.2	19.6	0	29.7	718	23
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	198.4	18.1	0	32.4	719	22
Mid-Atlantic	MA8065STX	STX	AC,P2	106	197.4	19.5	0	33.4	708	24
Partners Brand	PB 7841VIP3111 GC	3111	CM,C2	108	196.5	22.9	0	33.4	688	25
Chemgro	6335RDP	VT2P,B	AC,P2	103	187.9	18.4	0	32.0	679	26
Steyer	10004GENSS RIB	STX,B	CM,C2	100	187.2	18.2	1	31.4	678	27
Doebler	RPM 587AM^	AM,AQ,B	CM,C2	107	178.8	21.2	0	31.6	634	28
TA Seeds	TA566-31	3111	CM,C2	106	175.0	22.8	1	32.3	613	29
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	162.2	16.7	1	30.0	593	30

*Robin Kauffman*

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

Test Average = **209.8** **19.8** **0** **31.8** **751**  
LSD (0.10) = 20.3 0.9 ns  
LSD (0.25) = 14.1 0.6 ns  
C.V. = 7.1 3.2

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.70 \text{ Local GMO}}{\$3.70 \text{ non-GMO}}$

**Test Comments:** *Most of the summer was wet and cool. Corn looked excellent as well. Diseases really started moving the month of August. Northern corn leaf blight was the most prevalent, some gray leaf spot and anthracnose was also evident. Certain hybrids showed little resistance to northern and dried down very quickly. Yields were good but quality could not match them. Overall test rating is 7 of 10.*

† 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: 11/6/2014 Revised:



## 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. VPMaax® 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®, VPMaax® 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 FIRST 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,RW,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.