

## 2014 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 / Touchdown  
SOIL DESCRIPTION: Silty clay loam, mod. well drained, no-till, non-irrigated  
SOIL CONDITION: High P, high K, 6.03 pH, 4.11% OM  
PEST MANAGEMENT: Bicep II Magnum, Status, Banvel, Prowl  
FERTILITY - Applied N: 120 Fall, 80 Planter  
Applied N-P-K (units): 200-135-110  
SEEDING - RATE - ROW: May 7 33,200 /A 30" spacing  
HARVESTED - STAND: Oct 17 33,200 /A

**All-Season Test**  
**99 - 109 Day CRM**  
B2014PACE02

**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
Hubner	H5490RC3P	VT3P,B	AC,P5V	109	<b>244.1</b>	19.2	0	34.6	792	1
Doebler	RPM 629AMXT^	AMXT,B	MQ,P1V	108	<b>226.9</b>	18.0	0	34.2	743	2
Steyer	10803GENSS RIB	STX,B	CM,C2	108	220.7	18.2	0	33.6	722	3
Chemgro	6859V3	3111	CM,C2	108	220.6	20.1	0	34.1	711	4
Doebler	RPM 537AMX^	AMX,AQ,B	CM,C2	103	216.0	19.4	0	32.4	700	6
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	214.6	18.3	0	34.2	701	5
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	210.9	21.6	3	33.2	672	10
Partners Brand	PB 7841VIP3111 GC	3111	CM,C2	108	208.6	20.2	0	33.7	672	11
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	208.1	20.8	0	34.1	667	12
Doebler	RPM 587AM^	AM,AQ,B	CM,C2	107	207.3	21.7	0	33.2	660	14
Pioneer	P0506AM GC	AM,AQ,B	MQ,P1V	105	206.6	17.1	0	33.2	681	8
Mid-Atlantic	MA5042GT3	3000GT	CM,C2	104	205.5	20.4	0	32.8	661	13
Chemgro	6546R3P	VT3P,B	AC,P2	105	205.2	17.0	0	32.3	677	9
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	203.9	12.8	5	31.4	683	7
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	203.2	19.2	0	34.2	659	15
FS InVISION	FS 60R36SS	STX,B	AC,P5V	110	202.5	23.2	0	33.6	637	18
Pioneer	P0419AMX GC	AMX,B	MQ,C2	104	195.2	16.9	0	31.7	645	16
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	191.2	12.5	4	30.6	641	17
Mid-Atlantic	MA8065STX	STX	AC,P2	106	190.8	17.5	2	33.4	627	19
FS InVISION	FS 57R30SS	STX,B	AC,P5V	107	188.9	17.8	1	33.2	620	21
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	185.8	18.2	0	33.7	608	23
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	185.6	13.3	2	33.0	622	20
Mid-Atlantic	MA8045STX	STX,B	AC,P2	104	185.2	20.1	5	31.0	597	27
Dyna-Gro	D46SS46	STX	AC,P5V	107	183.2	18.6	0	34.6	597	28
Chemgro	6335RDP	VT2P,B	AC,P2	103	182.0	14.4	2	33.3	610	22
Hubner	H6254RCSS	STX,B	AC,P5V	105	182.0	16.6	2	35.0	602	25
Steyer	10004GENSS RIB	STX,B	CM,C2	100	181.8	15.5	1	30.8	607	24
Hubner	H5368RC3P	VT3P,B	AC,P5V	105	178.7	14.7	4	34.1	599	26
Mid-Atlantic	MA5001GT3VIP	3111	CM,C2	102	175.7	16.6	3	32.8	582	29
TA Seeds	TA566-31	3111	CM,C2	106	158.9	19.8	0	33.0	513	30

*Robin Kauffman*

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

Test Average = **199.0** **18.0** **1** **33.2** **650**  
LSD (0.10) = 26.7 1.9 2  
LSD (0.25) = 18.6 1.3 2  
C.V. = 9.8 7.7

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.35 \text{ Local GMO}}{\$3.35 \text{ non-GMO}}$

**Test Comments:** *Soil moisture at planting was good but temperatures took a while to warm up. Emergence was excellent and early growth was slow but did start to catch up. Overall, rainfall good except for a mid-July stretch where corn was stressed by lack of moisture. This test site missed a few showers that others received. Anthracnose and northern corn leaf blight were present but standability was not hurt.*

† 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

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

AgSCI Copyright 2014

Report date: 10/18/2014 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.