

2014 Corn Grain Top 30 Harvest Report

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



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

PREV. CROP/HERB: Soybean / glyphosate
SOIL DESCRIPTION: Sandy clay loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, mod. high K, 6.4 pH, 3.8% OM
PEST MANAGEMENT: glyphosate, Lumax, atrazine, Capture
FERTILITY - Applied N: 80 Spring, 108 Planter
Applied N-P-K (units): 188-90-100
SEEDING - RATE - ROW: May 7 33,200 /A 30" spacing
HARVESTED - STAND: Nov 12 32,900 /A

All-Season Test
99 - 109 Day CRM
B2014PACE03

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	H5368RC3P	VT3P,B	AC,P5V	105	263.1	18.6	1	33.8	976	1
Doebler	RPM 629AMXT^	AMXT,B	MQ,P1V	108	258.3	23.8	0	34.3	925	4
Hubner	H5490RC3P	VT3P,B	AC,P5V	109	257.7	21.3	0	30.3	939	2
Pioneer	P0506AM GC	AM,AQ,B	MQ,P1V	105	253.7	20.3	3	34.3	930	3
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	253.3	22.1	2	34.7	918	5
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	249.4	21.2	4	31.9	909	6
FS InVISION	FS 60R36SS	STX,B	AC,P5V	110	249.4	24.4	1	33.3	889	12
Chemgro	6859V3	3111	CM,C2	108	248.1	22.6	0	34.2	896	9
Chemgro	6546R3P	VT3P,B	AC,P2	105	245.7	20.2	6	33.7	902	7
FS InVISION	FS 57R30SS	STX,B	AC,P5V	107	245.3	21.2	6	33.9	894	10
Pioneer	P0419AMX GC	AMX,B	MQ,C2	104	244.2	20.6	1	33.0	894	11
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	243.0	18.6	2	33.6	902	8
Doebler	RPM 587AM^	AM,AQ,B	CM,C2	107	242.2	22.2	3	32.0	877	16
Mid-Atlantic	MA8045STX	STX,B	AC,P2	104	240.8	19.8	6	32.9	886	13
Mid-Atlantic	MA5001GT3VIP	3111	CM,C2	102	239.9	19.7	1	33.0	883	15
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	239.7	22.1	2	34.1	868	19
Chemgro	6335RDP	VT2P,B	AC,P2	103	239.3	19.2	14	33.0	884	14
Hubner	H6254RCSS	STX,B	AC,P5V	105	237.2	19.6	4	33.7	874	17
Mid-Atlantic	MA5042GT3	3000GT	CM,C2	104	237.1	20.3	0	33.7	870	18
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	237.1	22.3	12	32.1	858	22
Mid-Atlantic	MA8065STX	STX	AC,P2	106	236.6	20.5	4	33.7	867	21
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	235.2	19.4	0	33.0	868	20
Doebler	RPM 537AMX^	AMX,AQ,B	CM,C2	103	234.8	21.6	1	32.4	853	24
Partners Brand	PB 7841VIP3111 GC	3111	CM,C2	108	232.3	22.6	1	32.1	839	25
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	230.3	18.5	4	33.2	855	23
Steyer	10803GENSS RIB	STX,B	CM,C2	108	226.6	21.9	2	31.9	822	26
TA Seeds	TA566-31	3111	CM,C2	106	225.5	22.1	25	32.1	817	29
Dyna-Gro	D46SS46	STX	AC,P5V	107	224.3	20.8	16	33.4	820	28
Steyer	10004GENSS RIB	STX,B	CM,C2	100	223.0	19.8	0	34.0	821	27
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	181.3	17.5	1	24.8	678	30

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Test Average = **239.1** **20.8** **4** **32.9** **874**
LSD (0.10) = 15.7 0.5 9
LSD (0.25) = 10.9 0.3 6
C.V. = 4.8 1.8

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$3.80 Local GMO
\$3.80 non-GMO

Test Comments: *Good soil moisture at planting. Soil temperatures were cool but corn emerged after 10-14 days. Populations looked excellent and with good rainfall for most of the summer, the corn crop never looked back. Very little disease or insect pressure. Standability was good with only tops out of most hybrids. Corn dried slowly from limited heat degree units this summer. Scott is very happy with his yields.*

† 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: 11/13/2014 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.