

2013 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] CENTRE HALL
Wade Wolfe, Centre County, PA 16828



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

PREV. CROP/HERB: Corn / glyphosate
SOIL DESCRIPTION: Silt loam, moderately drained, conventional w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 5.7 pH, 3.3% OM
PEST MANAGEMENT: Dual II Magnum, Atrazine, Capture, Status
FERTILITY - Applied N: 100 Fall, 100 Spring
Applied N-P-K (units): 200-0-0
SEEDED - RATE - ROW: May 16 33,600 /A 30" spacing
HARVESTED - STAND: Oct 28 34,600 /A

All-Season Test
99 - 109 Day CRM
B2013PACE05

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	236.1	27.5	1	35.3	882	3
FS InVISION	FS 55R25VT3P	VT3P,B	AC,P2	105	232.1	22.7	0	34.3	895	1
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108	226.3	25.2	3	34.6	859	6
Pioneer	P0210HR GC	HX,RR2	MQ,P1V	102	226.1	20.6	6	34.6	884	2
Doebler	554GRQ	3000GT	MQ,C2	105	226.0	23.3	4	35.1	868	4
Chemgro	6947RVP	VT3P	AC,P5V	109	225.1	24.7	0	34.9	857	7
TA Seeds	TA565-20	3000GT	AVC,C2	106	223.0	25.7	3	34.8	843	9
Dekalb	DKC52-04RIB GC	VT3P,B	AC,P5	102	222.5	21.7	3	34.1	864	5
Doebler	RPM 589AMXT^	AMXT,B	MQ,C2	107	219.1	28.6	4	34.7	813	17
Chemgro	6547RVP	VT3P	AC,P5	105	218.6	25.3	2	35.5	829	12
Chemgro	6337RVP	VT3P	AC,P5	103	218.1	21.0	5	34.4	851	8
TA Seeds	TA544-28RIB	STX,B	AVC,C2	104	217.8	22.9	0	34.8	839	10
Augusta	A4658GT3110	3110	CE,C2	108	217.4	27.0	7	34.1	815	15
Dekalb	DKC53-56RIB GC	STX,B	AC,P5	103	216.4	22.1	10	35.5	838	11
Doebler	RPM 603XRR^	RR2	MQ,C2	108	214.6	25.1	3	34.0	815	16
Pioneer	P0604YHR GC	OI	CM,C2	106	214.3	23.8	6	32.7	821	13
Hubner	H5333RC3P	VT3P,B	AC,P5V	107	209.5	25.1	7	35.0	796	18
Augusta	A2956	None	CE,C2	106	208.7	28.2	3	34.6	776	20
Doebler	RPM 498HXR^	HX,RR2	MQ,P1V	99	207.8	19.5	3	34.0	818	14
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	206.2	26.8	3	34.8	774	21
Doebler	RPM 537AMX^	AMX,B	MQ,P1V	103	203.1	25.8	5	34.1	768	22
Dyna-Gro	D47SS23	STX	AC,P5V	106	200.1	26.8	3	35.7	751	23
Augusta	A2847GT3000	3000GT	CE,C2	99	198.8	20.0	7	34.3	780	19
Augusta	A2954GT3000	3000GT	CE,C2	104	193.2	24.8	10	34.6	735	24



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Test Average = **215.9** **24.3** **4** **34.6** **824**
LSD (0.10) = 16.6 1.1 ns
C.V. = 5.6 3.2

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

Test Comments: *Good emergence and early development got this test off to a fast start. Then in the last week of a June a strong storm with straight line winds caused some green snap and goose-necking. The green snap was evident in less than 5 plots but the lodging was evident in almost 20% of all plots to some degree. The lodging rating is 95% root lodging. Overall test rating is 7 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

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.