

2013 Corn Grain Top 30 Harvest Report
 Pennsylvania Central [PACE] NORTHUMBERLAND
 Scott & Gerry Shoop, Northumberland County, PA 17847



PREV. CROP/HERB: Soybean / glyphosate
 SOIL DESCRIPTION: Silt loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 3.1% OM
 PEST MANAGEMENT: Lumax, Roundup, Capture, Status, Atrazine
 FERTILITY - Applied N: 70 Spring, 60 Planter, 110 Side
 Applied N-P-K (units): 240-0-0
 SEEDED - RATE - ROW: May 1 35,500 /A 30" spacing
 HARVESTED - STAND: Oct 29 36,800 /A

All-Season Test
99 - 109 Day CRM
 B2013PACE01

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
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108	270.8	15.0	0	36.0	1,097	1
Pioneer	P0210HR GC	HX,RR2	MQ,P1V	102	263.0	15.2	0	38.3	1,064	2
Pioneer	P0604YHR GC	OI	CM,C2	106	261.8	15.7	3	39.0	1,056	3
Augusta	A4658GT3110	3110	CE,C2	108	259.4	16.7	1	38.5	1,040	4
Hubner	H5333RC3P	VT3P,B	AC,P5V	107	254.4	15.0	0	36.4	1,030	5
Dekalb	DKC52-04RIB GC	VT3P,B	AC,P5	102	247.9	15.0	1	35.9	1,004	6
Doebblers	554GRQ	3000GT	MQ,C2	105	247.8	15.8	0	39.0	999	8
Chemgro	6547RVP	VT3P	AC,P5	105	247.4	15.4	0	35.9	999	9
Chemgro	6947RVP	VT3P	AC,P5V	109	247.3	15.0	0	36.4	1,002	7
TA Seeds	TA565-20	3000GT	AVC,C2	106	246.9	16.3	0	36.3	992	10
Dyna-Gro	D47SS23	STX	AC,P5V	106	245.1	16.1	0	35.1	986	11
Augusta	A2954GT3000	3000GT	CE,C2	104	244.4	15.7	1	37.6	986	12
FS InVISION	FS 55R25VT3P	VT3P,B	AC,P2	105	243.5	16.0	0	36.2	980	14
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107	242.7	17.2	0	36.6	970	18
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	242.6	16.5	0	35.8	973	17
Chemgro	6337RVP	VT3P	AC,P5	103	242.4	14.4	0	39.0	982	13
Doebblers	RPM 603XRR^	RR2	MQ,C2	108	242.1	15.3	0	37.4	979	15
Augusta	A2956	None	CE,C2	106	242.1	17.0	5	35.2	968	19
TA Seeds	TA544-28RIB	STX,B	AVC,C2	104	241.4	14.9	0	36.7	978	16
Dekalb	DKC53-56RIB GC	STX,B	AC,P5	103	239.3	15.2	0	34.7	968	20
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	239.0	16.1	2	37.5	961	21
Augusta	A2847GT3000	3000GT	CE,C2	99	226.4	14.7	0	36.9	917	22
Doebblers	RPM 537AMX^	AMX,B	MQ,P1V	103	225.8	16.5	2	36.4	906	23
Doebblers	RPM 498HXR^	HX,RR2	MQ,P1V	99	186.1	15.0	28	36.1	754	24



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Test Average = **243.7** **15.7** **2** **36.8** **983**
 LSD (0.10) = 15.4 0.7 9
 C.V. = 4.6 3.1

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: *Optimal is what best describes this test. Early planting, excellent emergence, early vigor and the right amount of rainfall and heat units produced some of the best corn yields for this area. All hybrids except one were standing perfectly which did not let us evaluate stalk and plant health. This test did allow us to see the top end yield potential for these hybrids. Overall rating of this plot is a 9 out 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.