

2014 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] MARTINSBURG
Aaron Martin, Blair County, PA 16662



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

PREV. CROP/HERB: Corn / glyphosate
SOIL DESCRIPTION: Silt loam, moderately drained, no-till, non-irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.1 pH, 3.5% OM
PEST MANAGEMENT: Balance Flexx, atrazine, Zidua, Capture
FERTILITY - Applied N: 75 Fall, 65 Spring, 7 Planter
Applied N-P-K (units): 147-130-240
SEEDING - RATE - ROW: May 12 33,400 /A 30" spacing
HARVESTED - STAND: Nov 10 32,700 /A

All-Season Test
99 - 109 Day CRM
B2014PACE04

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
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	221.1	16.4	7	32.3	855	1
FS InVISION	FS 60R36SS	STX,B	AC,P5V	110	207.5	19.5	1	33.3	786	4
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	204.7	17.3	2	33.8	787	3
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	204.1	16.2	26	32.4	790	2
Chemgro	6859V3	3111	CM,C2	108	203.9	17.3	0	31.8	783	5
Pioneer	P0419AMX GC	AMX,B	MQ,C2	104	198.5	18.8	9	32.5	755	7
Pioneer	P0506AM GC	AM,AQ,B	MQ,P1V	105	197.4	17.7	19	32.7	757	6
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	194.9	17.0	9	33.3	750	8
Steyer	10004GENSS RIB	STX,B	CM,C2	100	194.0	17.0	0	32.4	747	9
Doebler	RPM 537AMX^	AMX,AQ,B	CM,C2	103	187.3	18.2	5	31.5	715	10
Mid-Atlantic	MA5001GT3VIP	3111	CM,C2	102	183.6	16.9	12	33.0	707	11
Hubner	H5368RC3P	VT3P,B	AC,P5V	105	181.5	16.7	14	33.2	700	12
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	178.5	17.8	9	33.0	684	13
Doebler	RPM 587AM^	AM,AQ,B	CM,C2	107	178.0	17.5	10	33.2	683	14
Dyna-Gro	D46SS46	STX	AC,P5V	107	175.7	16.1	18	33.3	680	15
Steyer	10803GENSS RIB	STX,B	CM,C2	108	172.3	16.7	20	31.8	665	16
Doebler	RPM 629AMXT^	AMXT,B	MQ,P1V	108	170.8	18.9	39	32.1	649	18
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	170.7	16.6	49	32.8	659	17
Chemgro	6335RDP	VT2P,B	AC,P2	103	166.0	15.9	10	32.4	644	19
Mid-Atlantic	MA8045STX	STX,B	AC,P2	104	164.3	15.9	13	33.2	637	20
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	159.6	15.4	9	32.4	621	21
FS InVISION	FS 57R30SS	STX,B	AC,P5V	107	155.0	16.0	19	32.7	601	22
Mid-Atlantic	MA8065STX	STX	AC,P2	106	154.9	17.3	6	32.4	595	25
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	154.8	15.6	22	32.7	601	23
Hubner	H5490RC3P	VT3P,B	AC,P5V	109	154.6	17.6	15	33.0	593	26
Mid-Atlantic	MA5042GT3	3000GT	CM,C2	104	153.7	15.9	13	32.8	596	24
Hubner	H6254RCSS	STX,B	AC,P5V	105	152.1	15.8	46	32.7	590	27
Partners Brand	PB 7841VIP3111 GC	3111	CM,C2	108	151.6	16.5	26	33.0	586	28
TA Seeds	TA566-31	3111	CM,C2	106	149.7	18.2	54	32.3	572	29
Chemgro	6546R3P	VT3P,B	AC,P2	105	132.9	15.8	8	33.8	516	30

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Test Average = **175.8** **17.0** **16** **32.7** **677**

LSD (0.10) = 18.8 0.5 19

LSD (0.25) = 13.1 0.3 13

C.V. = 7.8 2.0

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.90 \text{ Local GMO}}{\$3.90 \text{ non-GMO}}$

Test Comments: Emergence and early vigor was excellent. Good rainfall through May and into June. A late June early July storm caused localized greensnap of stalks. Breakage was not hybrid specific, instead, influenced more by wind direction and path. The site experienced severe northern corn leaf blight and some gray leaf spot. Lodging scores reflect stalk lodging at harvest, not greensnap percentage.

† 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: 11/11/2014 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.