

2014 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] MCVEYTOWN
Charles Groff, Juniata County, PA 17051



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

PREV. CROP/HERB: Soybean
SOIL DESCRIPTION: Silt loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.3% OM
PEST MANAGEMENT: Balance Flexx, atrazine, Dual II Magnum, Capture
FERTILITY - Applied N: 130 Spring, 65 Planter
Applied N-P-K (units): 195-95-20
SEEDING - RATE - ROW: May 14 33,400 /A 30" spacing
HARVESTED - STAND: Nov 5 31,400 /A

All-Season Test

99 - 109 Day CRM
B2014PACE06

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
Pioneer	P0506AM GC	AM,AQ,B	MQ,P1V	105	236.7	17.1	0	33.7	863	1
Hubner	H5368RC3P	VT3P,B	AC,P5V	105	234.3	16.1	0	31.9	860	2
FS InVISION	FS 57R30SS	STX,B	AC,P5V	107	231.8	16.7	0	32.5	848	3
FS InVISION	FS 60R36SS	STX,B	AC,P5V	110	230.4	18.0	0	32.0	835	4
TA Seeds	TA566-31	3111	CM,C2	106	227.7	17.2	7	29.9	830	5
Chemgro	6859V3	3111	CM,C2	108	223.6	17.3	0	33.4	814	7
Hubner	H5490RC3P	VT3P,B	AC,P5V	109	223.5	17.4	1	28.2	814	8
Mid-Atlantic	MA8045STX	STX,B	AC,P2	104	223.1	16.4	1	30.6	818	6
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	223.1	17.3	0	29.7	813	9
Doebler	RPM 629AMXT^	AMXT,B	MQ,P1V	108	219.4	18.0	4	31.0	795	10
Mid-Atlantic	MA5001GT3VIP	3111	CM,C2	102	216.9	16.8	1	31.4	793	11
Doebler	RPM 587AM^	AM,AQ,B	CM,C2	107	216.3	17.7	0	26.3	786	14
Steyer	10102VT2PRIB	VT2P,B	CM,C2	101	215.7	16.1	1	33.3	792	12
Partners Brand	PB 7841VIP3111 GC	3111	CM,C2	108	215.3	18.0	0	30.6	780	17
Doebler	RPM 537AMX^	AMX,AQ,B	CM,C2	103	215.1	17.8	0	28.3	781	16
Dyna-Gro	D46SS46	STX	AC,P5V	107	214.8	16.5	0	32.6	787	13
Chemgro	6546R3P	VT3P,B	AC,P2	105	214.0	16.2	1	31.9	785	15
Pioneer	P0419AMX GC	AMX,B	MQ,C2	104	213.5	17.3	1	33.7	778	18
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	212.6	16.8	0	31.7	777	19
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	210.9	17.4	1	31.6	768	21
Chemgro	6335RDP	VT2P,B	AC,P2	103	210.7	16.5	1	31.0	772	20
Hubner	H6254RCSS	STX,B	AC,P5V	105	208.6	16.2	1	32.2	766	22
Mid-Atlantic	MA8065STX	STX	AC,P2	106	204.8	16.4	1	31.0	751	23
Mid-Atlantic	MA5042GT3	3000GT	CM,C2	104	204.7	16.6	0	32.0	749	24
Steyer	10803GENSS RIB	STX,B	CM,C2	108	198.3	17.2	0	28.8	723	26
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	198.2	16.1	1	31.1	728	25
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	193.6	17.0	1	32.8	707	27
Steyer	10004GENSS RIB	STX,B	CM,C2	100	188.2	16.1	1	34.3	691	28
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	179.2	15.6	0	31.4	660	29
TA Seeds	TA544-28RIB	STX,B	CM,C2	104	171.1	15.7	2	32.1	630	30

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Test Average = **212.5** **16.9** **1** **31.4** **776**

LSD (0.10) = 13.2 0.3 2

LSD (0.25) = 9.2 0.2 2

C.V. = 4.5 1.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.70}{\$3.70}$ Local GMO non-GMO

Test Comments: Heavy rain right after planting caused some ponding issues, most hybrids did emerge and with the good silt loam soil looked good in a few days. Rainfall was there when the corn needed and the weather never stressed the corn. Some gray leaf spot and anthracnose caused early leaf loss. Corn was standing nicely at harvest with mainly tops out only. Overall rating of the test is 8 out of 10.

† 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: 11/6/2014 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.