

2014 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] LEBANON
Steve Wenger, Lebanon County, PA 17042



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

PREV. CROP/HERB: Corn, 2+ yr / Bicep II Magnum, Prowl, Status
SOIL DESCRIPTION: Silt loam, mod. well drained, conventional w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, mod. high K, 6.4 pH, 3.4% OM
PEST MANAGEMENT: Bicep II Magnum, Prowl, Capreno, Capture
FERTILITY - Applied N: 95 Spring, 3 Planter, 125 Sidedress
Applied N-P-K (units): 223-135-105
SEEDING - RATE - ROW: May 8 33,500 /A 30" spacing
HARVESTED - STAND: Oct 9 32,100 /A

All-Season Test
105 - 115 Day CRM
B2014PASE10

Top 30 of 54
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
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	252.8	19.1	0	32.1	821	2
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	252.7	18.7	0	32.0	823	1
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114	252.4	27.0	0	33.4	770	16
Mid-Atlantic	MA8086STX	STX	AC,P2	108	252.1	23.2	0	31.7	793	6
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	251.0	24.7	0	32.3	780	14
Mid-Atlantic	MA8065STX	STX	AC,P2	106	249.8	18.6	0	31.8	814	3
Hubner	H5490RC3P	VT3P,B	AC,P5V	109	249.7	20.3	0	32.9	803	5
Augusta	A6664VT2Pro	VT2P	AC,P5V	114	249.1	25.8	0	32.0	767	17
Chemgro	7146R3P	VT3P,B	AC,P2	111	247.9	21.7	0	32.0	789	10
Hubner	H5368RC3P	VT3P,B	AC,P5V	105	247.7	17.6	0	33.3	814	4
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	247.4	22.1	0	32.0	785	12
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	247.3	28.8	0	33.3	743	29
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112	247.1	25.4	0	31.5	764	18
Doebblers	RPM 5115AM^	AM,B	MQ,P1V	111	246.8	20.9	0	31.0	790	9
Mycogen	2C799	STX,B	CM,C2	114	246.8	26.3	0	32.4	757	22
Unity	7914-3000GT	3000GT	CM,C2	114	246.6	25.4	0	32.9	762	19
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	246.0	20.3	0	32.2	792	8
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	245.8	20.0	0	32.4	793	7
Chemgro	6949RSX	STX,B	AC,P5V	109	243.3	20.2	0	32.0	783	13
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	241.9	18.6	0	31.4	789	11
Pioneer	P0604AM GC	AM,B	MQ,C2	106	241.6	20.4	0	30.9	777	15
Unity	4814VT2P-RIB	STX,B	CM,C2	114	240.3	26.5	0	32.9	736	30
Steyer	11103GENSS RIB	STX,B	CM,C2	111	240.1	22.2	1	33.0	761	20
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	239.7	22.6	0	31.9	757	23
Mycogen	2V709	STX,B	CM,C2	110	237.9	23.1	1	33.0	749	27
NK Brand	N63R-GT GC	GT	CM,C2	109	236.4	21.8	0	33.1	752	25
Spectrum	5967	None	CM,C2,St	109	235.6	19.8	3	32.0	761	21
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	232.9	19.7	1	32.0	753	24
Hubner	H5333RC3P	VT3P,B	AC,P5V	107	229.8	18.1	0	31.6	752	26
Steyer	10803GENSS RIB	STX,B	CM,C2	108	226.5	17.3	3	31.6	746	28

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Test Average = **232.8** **22.3** **1** **32.1** **737**
LSD (0.10) = 18.2 2.5 1
LSD (0.25) = 12.7 1.7 1
C.V. = 5.8 8.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.35 \text{ Local GMO}}{\$3.35 \text{ non-GMO}}$

Test Comments: 2013 was a very good growing season in Lebanon, but 2014 was an even better one. Soils were a bit cool when planted, but emergence was not affected. Soil moisture was adequate nearly all growing season. The biggest difference from 2013, air temperature never got high enough to stress the corn crop. Disease pressure was light, some anthracnose and northern corn leaf blight. Test rating 7 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: 10/11/2014 Revised:

2014 Corn Grain - Pennsylvania Southeast [PASE]



All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	TA Seeds	TA753-22DPRIB	VT2P,B	CM,C2	115
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	Unity	4508VT3P-RIB	VT3P,B	CM,C2	108
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	Unity	4814VT2P-RIB	STX,B	CM,C2	114
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	Unity	5512SS-RIB	STX,B	AC,P5V	112
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	Unity	5514SS-RIB	STX,B	AC,P5V	114
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	Unity	5608SS-RIB	STX,B	CM,C2	108
Augusta	A4564GENSS	STX	AC,P5V	114	Unity	7811-3000GT	3000GT	CM,C2	111
Augusta	A6664VT2Pro	VT2P	AC,P5V	114	Unity	7914-3000GT	3000GT	CM,C2	114
Chemgro	6546R3P	VT3P,B	AC,P2	105					
Chemgro	6949RSX	STX,B	AC,P5V	109					
Chemgro	7146R3P	VT3P,B	AC,P2	111					
Dekalb	DKC61-89RIB GC	VT2P,B	AC,P2	111					
Doebblers	RPM 5015AM^	AM,B	MQ,P1V	110					
Doebblers	RPM 5115AM^	AM,B	MQ,P1V	111					
Doebblers	RPM 5315AMXT^	AMXT,B	MQ,P1V	113					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114					
Hubner	H5333RC3P	VT3P,B	AC,P5V	107					
Hubner	H5368RC3P	VT3P,B	AC,P5V	105					
Hubner	H5490RC3P	VT3P,B	AC,P5V	109					
Hubner	H6744RCSS	STX,B	AC,P5V	113					
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112					
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106					
Mid-Atlantic	MA8065STX	STX	AC,P2	106					
Mid-Atlantic	MA8086STX	STX	AC,P2	108					
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109					
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112					
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112					
Mycogen	2C799	STX,B	CM,C2	114					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
Mycogen	2Y767	STX,B	CM,C2	114					
NK Brand	N63R-GT GC	GT	CM,C2	109					
Pioneer	P0604AM GC	AM,B	MQ,C2	106					
Pioneer	P1105AM GC	AM,B	MQ,C2	111					
Spectrum	5967	None	CM,C2,St	109					
Spectrum	6241	None	CM,C2,St	112					
Steyer	10803GENSS RIB	STX,B	CM,C2	108					
Steyer	11103GENSS RIB	STX,B	CM,C2	111					
Steyer	11504VT2PR0 RIB	VT2P,B	CM,C2	115					
TA Seeds	TA566-31	3111	CM,C2	106					
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108					
TA Seeds	TA625-30	3110	CM,C2	110					

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.