

2014 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] ELVERSON
Dave Mast, Chester County, PA 19520



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

PREV. CROP/HERB: Soybean / Glyphosate
SOIL DESCRIPTION: Silt loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, mod. high K, 5.9 pH, 3.2% OM
PEST MANAGEMENT: Lumax, Capture
FERTILITY - Applied N: 65 Spring, 7 Planter, 81 Sidedress
Applied N-P-K (units): 153-20-7
SEEDING - RATE - ROW: May 15 33,500 /A 30" spacing
HARVESTED - STAND: Nov 3 33,200 /A

All-Season Test
105 - 115 Day CRM
B2014PASE08

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
Steyer	11504VT2PR0 RIB	VT2P,B	CM,C2	115	246.6	23.2	0	33.3	899	1
Unity	4814VT2P-RIB	STX,B	CM,C2	114	234.1	26.7	1	34.0	833	12
Spectrum	5967	None	CM,C2,St	109	232.0	19.5	2	31.6	867	2
Mycogen	2V709	STX,B	CM,C2	110	231.4	20.9	7	34.1	857	3
Unity	7914-3000GT	3000GT	CM,C2	114	230.4	24.6	1	33.6	832	13
Hubner	H5490RC3P	VT3P,B	AC,P5V	109	229.5	20.2	0	33.4	854	5
Dekalb	DKC61-89RIB GC	VT2P,B	AC,P2	111	228.7	19.5	2	33.9	855	4
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	227.9	19.6	3	33.0	851	6
Steyer	10803GENSS RIB	STX,B	CM,C2	108	227.1	19.2	3	31.9	850	7
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	226.6	20.5	2	33.7	841	9
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112	226.1	22.5	1	33.2	828	14
Augusta	A6664VT2Pro	VT2P	AC,P5V	114	225.3	25.1	0	33.2	811	22
Pioneer	P1105AM GC	AM,B	MQ,C2	111	223.8	19.8	11	35.0	835	11
Hubner	H5368RC3P	VT3P,B	AC,P5V	105	223.4	18.1	0	33.1	843	8
Mycogen	2C799	STX,B	CM,C2	114	223.3	23.4	1	33.4	813	18
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	223.2	19.1	4	32.5	836	10
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	223.1	23.4	1	33.7	812	20
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	222.5	24.8	0	33.4	802	27
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	221.7	20.1	1	32.7	825	15
NK Brand	N63R-GT GC	GT	CM,C2	109	219.8	20.2	3	32.8	818	17
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	219.4	21.8	0	34.2	807	25
Chemgro	6546R3P	VT3P,B	AC,P2	105	218.5	18.3	2	32.8	823	16
Mid-Atlantic	MA8065STX	STX	AC,P2	106	217.8	19.7	2	32.7	813	19
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	217.1	19.4	0	33.1	812	21
Doebler	RPM 5115AM^	AM,B	MQ,P1V	111	215.9	19.5	5	32.8	807	26
Mycogen	2Y767	STX,B	CM,C2	114	215.9	20.9	1	32.8	799	29
Pioneer	P0604AM GC	AM,B	MQ,C2	106	215.3	18.6	1	32.7	810	23
Doebler	RPM 5315AMXT^	AMXT,B	MQ,P1V	113	214.9	21.2	0	33.5	794	30
Doebler	RPM 5015AM^	AM,B	MQ,P1V	110	214.7	20.0	0	33.3	800	28
Hubner	H5333RC3P	VT3P,B	AC,P5V	107	214.2	18.1	1	33.6	808	24

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Test Average = **217.4** **21.6** **2** **33.2** **801**
LSD (0.10) = 15.9 0.7 4
LSD (0.25) = 11.1 0.5 3
C.V. = 5.4 2.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.85 \text{ Local GMO}}{\$3.85 \text{ non-GMO}}$

Test Comments: *Cool wet spring delayed planting until mid-May. Emergence was good and crop matured nicely through the summer. Rainfall was average except for August which was drier, 2.4" below 30-yr average. Weed control was excellent. Diseases present include anthracnose, gray leaf spot and some gibberella ear rot came late in the season. Some hybrids had soft cobs that broke up during combining.*

† 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: 11/4/2014 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.