

2014 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] HANOVER
Dan Winters, Adams County, PA 17331



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

PREV. CROP/HERB: Soybean
SOIL DESCRIPTION: Silty clay loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 3.4% OM
PEST MANAGEMENT: Prowl, atrazine, Capture
FERTILITY - Applied N: 85 Spring, 70 Sidedress
Applied N-P-K (units): 155-80-35
SEDED - RATE - ROW: May 27 33,500 /A 30" spacing
HARVESTED - STAND: Nov 4 33,000 /A

All-Season Test
105 - 115 Day CRM
B2014PASE09

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
Augusta	A6664VT2Pro	VT2P	AC,P5V	114	221.8	23.4	0	35.9	807	3
Mid-Atlantic	MA8086STX	STX	AC,P2	108	218.6	20.2	1	32.1	813	1
Mycogen	2C799	STX,B	CM,C2	114	218.1	23.9	0	33.8	791	7
Steyer	11504VT2PR0 RIB	VT2P,B	CM,C2	115	217.6	22.8	0	34.7	795	6
Doebler	RPM 5015AM^	AM,B	MQ,P1V	110	215.9	19.6	0	33.7	806	4
Unity	4814VT2P-RIB	STX,B	CM,C2	114	214.5	28.1	0	32.5	756	14
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	214.4	19.7	0	33.6	800	5
Chemgro	6546R3P	VT3P,B	AC,P2	105	213.9	17.2	0	32.3	812	2
Hubner	H5490RC3P	VT3P,B	AC,P5V	109	208.9	19.2	1	34.5	782	8
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112	208.9	21.9	0	33.7	768	11
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114	208.4	25.9	0	32.5	746	19
Mycogen	2V709	STX,B	CM,C2	110	207.2	19.9	1	32.5	772	9
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	205.3	25.0	0	32.1	739	22
Spectrum	5967	None	CM,C2,St	109	205.2	18.9	2	31.5	770	10
Unity	5512SS-RIB	STX,B	AC,P5V	112	202.8	25.6	0	33.4	727	25
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	201.6	18.8	0	33.5	757	13
Mid-Atlantic	MA8065STX	STX	AC,P2	106	201.2	18.4	1	33.7	758	12
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	201.0	19.2	1	30.9	753	15
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	200.7	20.9	0	34.6	743	21
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	200.4	18.8	1	32.7	753	16
Unity	7914-3000GT	3000GT	CM,C2	114	200.4	24.6	0	33.9	723	29
Unity	4508VT3P-RIB	VT3P,B	CM,C2	108	200.0	19.0	7	34.2	750	17
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	199.8	19.4	1	33.0	747	18
Mycogen	2Y767	STX,B	CM,C2	114	199.0	21.4	0	33.0	734	23
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112	198.7	23.1	0	32.5	725	28
Hubner	H5333RC3P	VT3P,B	AC,P5V	107	196.5	17.3	3	33.6	745	20
NK Brand	N63R-GT GC	GT	CM,C2	109	196.2	19.3	2	32.4	734	24
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	194.3	21.1	0	34.9	718	30
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	192.6	18.2	2	34.3	726	26
Hubner	H5368RC3P	VT3P,B	AC,P5V	105	191.3	17.2	1	33.9	726	27

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Test Average = **197.5** **21.2** **1** **33.0** **729**

LSD (0.10) = 14.6 1.0 3

LSD (0.25) = 10.2 0.7 2

C.V. = 5.5 3.4

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

Test Comments: *This corn crop got off to a good start. A later planting date into warm soils and some mid-May showers resulted in excellent emergence. Rainfall did shut down in July, then started again August. The lack of July rainfall did hurt some hybrids more than others. Some longer season hybrids held on till the rains started again. All hybrids stood well through harvest with most tops broken off.*

† 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: 11/5/2014 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.