

2016 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: Conestoga-Clarksburg silt loam, moderately drained, non-irrigated
SOIL CONDITION: No-till, moderate P, moderate K, 5.1 pH, 3.2% OM
PEST MANAGEMENT: paraquat, Lexar, Capture, Capreno, atrazine
FERTILITY - Applied N: 125 Spring, 75 Planter
Applied N-P-K (units): 200-70-0
SEEDING - RATE - ROW: Jun 2 34,000 /A 30" spacing
HARVESTED - STAND: Oct 18 32,700 /A

All-Season Test
105 - 115 Day CRM
B2016PASE11

Top 30 of 48

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Mid-Atlantic	MA8147VT2P	VT2P	114	159.9	22.0	0	33.2	618	1
AgriGold	A6499STXRIB	STX,B	112	153.4	21.3	0	32.1	596	2
Hubner	H14G153	VT2P,DG,B	114	149.3	22.8	0	32.7	574	4
NK Brand	N58S-3111 GC	3111	106	147.8	17.0	1	32.5	590	3
Steyer	11506VT2PRORIB	VT2P,B	115	146.6	22.3	2	33.0	566	5
Augusta	A6664VT2Pro	VT2P	114	142.8	22.7	1	32.5	549	9
Steyer	11306VT2PRORIB	VT2P,B	113	140.9	18.9	0	31.9	555	7
Augusta	A1564GTCBLL	GT/CB/LL	114	140.7	18.5	1	33.0	556	6
AgriGold	A6572STX	STX	114	139.4	21.3	0	32.4	541	11
Mid-Atlantic	MA8086VT2P	VT2P	108	138.6	17.8	1	33.0	550	8
Dekalb	DKC57-92RIB GC	STX,B	107	137.0	17.2	2	32.7	546	10
Dyna-Gro	D54VC52	VT2P	114	137.0	22.0	0	33.2	530	13
NK Brand	N60F-3111 GC	3111	107	136.2	20.1	0	32.9	533	12
Mid-Atlantic	MA8107VT2P	VT2P	110	134.4	18.9	1	32.5	530	14
Hubner	H6663RCSS	STX,B	113	132.9	22.5	0	32.7	512	16
AgriGold	A6441STXRIB	STX,B	109	130.4	18.0	0	32.4	517	15
Mycogen	MY10Z28	STX,B	110	130.3	20.3	1	33.0	509	17
Mid-Atlantic	MA8152VT2P	VT2P	115	127.4	21.4	0	32.9	494	19
TA Seeds	TA583-28RIB	STX,B	108	127.2	16.8	0	32.8	508	18
Dekalb	DKC62-08RIB GC	STX,B	112	125.3	19.2	1	32.7	493	21
Mycogen	MY13M87	STX	113	123.0	23.4	0	31.9	471	26
Hubner	H5368RC3P	VT3P,B	105	122.5	15.2	1	32.3	494	20
Dekalb	DKC62-97RIB GC	VT3P,B	112	122.2	18.9	0	33.3	482	22
Augusta	A1108VT2ProRIB	VT2P,B	108	121.2	19.0	1	32.1	478	23
Doebler	RPM 4917AM^	AM,B	109	121.2	19.2	0	33.0	477	24
TA Seeds	TA667-31	3111	111	121.1	19.7	0	32.1	475	25
Augusta	A1565GTCBLL	GT/CB/LL	115	120.7	21.2	4	33.2	469	27
Steyer	11104VT2PRO	VT2P	111	116.5	18.8	2	31.9	460	28
AgriGold	A6462STXRIB	STX,B	110	116.3	18.8	2	33.0	459	29
Chemgro	7275RDD	VT2P,DG	112	115.3	18.9	0	33.2	455	30

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Averages = **122.8** **19.6** **1** **32.7** **482**

LSD (0.10) = 26.3 1.6 2

LSD (0.25) = 18.3 1.1 1

C.V. = 15.8 Prev. years average yield, 162.8 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.04; non-GMO = \$4.04

Test Comments: *Wet spring delayed planting but soil moisture was good for emergence and early vigor was excellent. Rainfall was good until early July, after that, most of the summer was extremely hot and dry. July and August rainfall was 1.6" and 2.1", respectively, below the area 30-yr average which robbed yield potential. Disease pressure was low and standability was good. Overall plot rating 5 of 10. (10=best)*

† 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: 10/19/2016 Revised:

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All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6441STXRIB	STX,B	AC,P5V	109	TA Seeds	TA583-28RIB	STX,B	CM,C2	108
AgriGold	A6462STXRIB	STX,B	AC,P5V	110	TA Seeds	TA667-31	3111	CM,C2	111
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	TA Seeds	TA736-22DPRIB	VT2P,B	CM,C2	113
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6572STX	STX	AC,P5V	114					
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A1564GTCBLL	GT/CB/LL	AVC,C5	114					
Augusta	A1565GTCBLL	GT/CB/LL	AVC,C5	115					
Augusta	A5062GT3110	3110	AVC,C5	112					
Augusta	A6664VT2Pro	VT2P	CM,C1	114					
Chemgro	6875RDD	VT2P,DG	AC,P5V	108					
Chemgro	7169RSX	STX,B	AC,P5V	111					
Chemgro	7275RDD	VT2P,DG	AC,P5V	112					
Dekalb	DKC57-92RIB GC	STX,B	AC,P5V	107					
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112					
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5V	112					
Doebblers	RPM 4717AM^	AM,B	MQ,P1V	107					
Doebblers	RPM 4917AM^	AM,B	MQ,P1V	109					
Doebblers	RPM 5125AM^	AM,B	MQ,P1V	111					
Doebblers	RPM 5315AM^	AM,B	MQ,P1V	113					
Dyna-Gro	D51SS54	STX	AC,P5V	111					
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
Hubner	H14G153	VT2P,DG,B	AC,P5V	114					
Hubner	H5368RC3P	VT3P,B	AC,P5V	105					
Hubner	H5490RC3P	VT3P,B	AC,P5V	109					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Mid-Atlantic	MA8065SS	STX	AC,P2	106					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P2	108					
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110					
Mid-Atlantic	MA8125VT2P	VT2P	AC,P2	112					
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112					
Mid-Atlantic	MA8147VT2P	VT2P	AC,P2	114					
Mid-Atlantic	MA8152VT2P	VT2P	AC,P2	115					
Mycogen	2C799	STX,B	CM,C5,Vi,In	113					
Mycogen	MY10Z28	STX,B	CM,C5,Vi,In	110					
Mycogen	MY13M87	STX	CM,C1,Vi,In	113					
Mycogen	X13652VH	HXT,RR2	CM,C5,Vi,In	109					
NK Brand	N58S-3111 GC	3111	AVC,C2,Vi	106					
NK Brand	N60F-3111 GC	3111	AVC,C2,Vi	107					
Pioneer	P1197AM GC	AM,B	MQ,C2	111					
Steyer	10805VT2PRORIB	VT2P,B	CM,C2	108					
Steyer	11104VT2PRO	VT2P	AC,P5V	111					
Steyer	11306VT2PRORIB	VT2P,B	CM,C2	113					
Steyer	11506VT2PRORIB	VT2P,B	CM,C2	115					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

** Seed treatments may include unspecified plant health promoting components.