

2017 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / glyphosate
SOIL DESCRIPTION: Silt loam, mod. well drained, non-irrigated
SOIL CONDITION: No-till, very high P, very high K, 6.3 pH, 2.5% OM, 8.9 CEC
PEST MANAGEMENT: Glyphosate, Lorsban, Capreno, Atrazine
FERTILITY - Applied N: 122 Spring, 81 Planter
Applied N-P-K (units): 203-310-0
SEEDING - RATE - ROW: May 19 34,900 /A 30" spacing
HARVESTED - STAND: Oct 26 34,700 /A

All-Season Test
105 - 115 Day CRM
B2017PASE09

Top 30 of 36
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
Augusta	A6664VT2Pro	VT2P	114	247.4	24.8	1	34.7	919	1
Hubner	H6663RCSS	STX,B	113	230.4	24.5	0	35.4	858	3
Pioneer	P1197AM GC	AM,B	111	226.6	20.3	2	35.9	867	2
Mid-Atlantic	MA8147SS	STX	114	226.4	23.3	0	34.3	850	5
Mid-Atlantic	MA8152VT2P	VT2P	115	225.8	24.4	0	34.7	841	7
Dyna-Gro	D52SS63	STX	112	224.0	21.4	0	35.1	851	4
Mid-Atlantic	MA8144VT2P	VT2P	114	221.0	24.1	1	35.6	825	9
Doebler	RPM 5018AM^	AM,B	110	219.5	18.7	2	35.0	849	6
Mycogen	2C799	STX,B	113	218.9	23.1	1	34.8	823	10
Mid-Atlantic	MA8091VT2P	VT2P	109	217.7	21.1	0	34.3	829	8
Dyna-Gro	D55VC45	VT2P	115	214.1	23.2	0	33.3	804	13
Mid-Atlantic	MA8146VT3P	VT3P	114	213.4	23.6	0	32.3	799	14
Doebler	RPM 4917AM^	AM,B	109	213.3	21.4	1	33.8	811	11
Doebler	RPM 5125AM^	AM,B	111	209.3	18.9	2	35.6	808	12
Dekalb	DKC61-88RIB GC	VT3P,B	111	207.0	19.4	2	35.4	797	15
Augusta	A5162GT3000	3000GT	112	207.0	21.5	1	35.2	786	16
Doebler	RPM 5518AM^	AM,B	115	205.0	22.5	2	34.2	773	17
T.A. Seeds	TA736-22DPRIB	VT2P,B	113	201.3	23.0	0	35.8	757	24
Hubner	H6755RCSS	STX,B	114	200.5	22.2	2	34.2	758	23
Chemgro	7185RDP	VT2P,B	111	200.3	19.5	5	34.5	771	18
Mid-Atlantic	MA8107VT2P	VT2P,B	110	200.0	19.6	6	35.4	769	19
Chemgro	7275RDD	VT2P,DG,B	112	199.2	20.4	2	33.9	762	21
Viking	49-09	None	109	197.9	18.3	3	35.9	767	20
Augusta	A4759GT3111	3111	109	197.7	19.3	1	34.1	762	22
Hubner	H5490RC3P	VT3P,B	110	192.6	18.4	16	35.8	746	25
Hubner	H6394RCSS	STX,B	108	191.6	19.9	2	35.6	735	26
Viking	42-05	None	105	190.8	19.3	3	34.3	735	27
Augusta	A5065	None	115	186.4	21.5	0	32.8	708	29
Viking	13-07	None	107	185.0	17.6	7	34.2	721	28
Dekalb	DKC62-08RIB GC	STX,B	112	184.0	20.2	3	35.6	705	30

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Averages =	201.5	20.9	3	34.7	768
LSD (0.10) =	17.0	1.2	4		
LSD (0.25) =	8.9	0.6	2		
C.V. =	8.0			Prev. years average yield, 156.3 bu/a, 16 yrs	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.96; non-GMO = \$3.96

Test Comments: *Corn got off to an excellent start, early season rains and good heat units started the crop off well. Summer had above average rainfall and below average temperatures. Disease had little impact on standability or yield. The main yield drag was from deer damage, that caused some variability within the plot. Overall rating of this plot is a 6 out 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: 10/28/2017 Revised:

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All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1161VT2Pro	VT2P	AC,P5	111					
Augusta	A4759GT3111	3111	CM,C2	109					
Augusta	A5065	None	AC,P5	115					
Augusta	A5162GT3000	3000GT	AVC,C5	112					
Augusta	A6664VT2Pro	VT2P	CM,C2	114					
Chemgro	6875RDD	VT2P,DG,B	AC,P2	108					
Chemgro	7185RDP	VT2P,B	AC,P2	111					
Chemgro	7275RDD	VT2P,DG,B	AC,P2	112					
Dekalb	DKC61-88RIB GC	VT3P,B	AC,P2	111					
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112					
Doebler	RPM 4917AM^	AM,B	MQ,P1V,In	109					
Doebler	RPM 5018AM^	AM,B	MQ,P1V,In	110					
Doebler	RPM 5125AM^	AM,B	MQ,P1V,In	111					
Doebler	RPM 5518AM^	AM,B	MQ,P1V,In	115					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Hubner	H5490RC3P	VT3P,B	AC,P5V	110					
Hubner	H6394RCSS	STX,B	AC,P5V	108					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Hubner	H6755RCSS	STX,B	AC,P5V	114					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P5V	109					
Mid-Atlantic	MA8107VT2P	VT2P,B	AC,P5V	110					
Mid-Atlantic	MA8144VT2P	VT2P	AC,P5V	114					
Mid-Atlantic	MA8146VT3P	VT3P	AC,P5V	114					
Mid-Atlantic	MA8147SS	STX	AC,P5V	114					
Mid-Atlantic	MA8152VT2P	VT2P	AC,P5V	115					
Mycogen	2C799	STX,B	CM,C5,Vi,In	113					
Mycogen	MY12G35RA	PC,B	CM,C5,Vi,In	112					
Pioneer	P0843AM GC	AM,B	MQ,C2,Lu	108					
Pioneer	P1197AM GC	AM,B	MQ,C2	111					
T.A. Seeds	TA618-22DPRIB	VT2P,B	AVC,C5	110					
T.A. Seeds	TA736-22DPRIB	VT2P,B	AVC,C5	113					
Viking	13-07	None	CM,C2	107					
Viking	42-05	None	CM,C2	105					
Viking	49-09	None	CM,C2	109					
Viking	53-12	None	CM,C2	112					

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. VPM [®] 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 [®] , VPM [®] 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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore [™] (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	In	Intego [™] Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia [™]
AL2500	Alert 2500 [™]	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	SC	SHIELDCoat [™]
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

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