

2018 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] KUTZTOWN
Jon Stutzman, Berks County, PA 19530



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

PREV. CROP/HERB: Pumpkin
SOIL DESCRIPTION: Silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION: No-till, very high P, very high K, 6.4 pH, 3.0% OM, 6.8 CEC
PEST MANAGEMENT: glyphosate, Anthem Maxx, Warrior, Capture, Capreno, atrazine, TopGuard EQ
FERTILITY - Applied N: 126 Fall, 78 Planter, 90 Sidedress
Applied N-P-K (units): 294-148-112
SEEDING - RATE - ROW: May 24 34,000 /A 30" spacing
HARVESTED - STAND: Oct 19 33,700 /A

All-Season Test
105 - 115 Day CRM
B2018PASE12

Top 30 of 42
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
Hubner	H6755RCSS	STX,B	114	258.9	25.0	0	34.1	950	2
Doebler	RPM 4219AM	AM	102	253.0	20.7	0	34.7	956	1
Mid-Atlantic	MA8074VT2P	VT2P	107	250.4	21.5	0	34.7	941	3
Seed Consultants	SCS 1105YHR	OI	110	241.2	21.4	2	35.0	907	5
Doebler	RPM 4919AM	AM	109	238.8	22.0	0	34.3	894	6
Hubner	H6287RCSS	STX,B	104	238.2	19.3	0	33.8	908	4
Chemgro	6875RDP	VT2P,DG,B	108	238.2	22.2	1	34.3	891	7
Doebler	RPM 5018AM	AM,B	110	236.5	23.7	1	33.0	876	8
Seed Consultants	SCS 1087YHR	OI	108	235.6	23.9	1	34.2	871	9
Chemgro	7095RDP	VT2P	110	234.0	24.5	0	35.0	862	10
Seed Consultants	SCS 1158YHR	OI	115	233.8	29.7	0	34.8	831	17
Mid-Atlantic	MA8091VT2P	VT2P	109	231.6	25.7	0	33.6	846	14
Augusta	A1165VT2ProRIB	VT2P,B	115	231.4	28.2	0	34.1	831	18
Local Seed Co.	LC1289VT2P	VT2P,B	112	231.1	24.8	1	33.3	849	11
Hubner	H6663RCSS	STX,B	113	230.6	28.9	0	34.5	824	22
Chemgro	7185RDP	VT2P,B	111	229.4	23.9	0	33.9	848	13
Local Seed Co.	LC1349VT2P	VT2P,B	113	229.0	25.1	1	34.2	840	15
Viking	42-05	None	105	226.9	22.2	0	33.7	849	12
Mid-Atlantic	MA8132VT2P	VT2P	113	225.2	25.5	0	33.8	824	23
Dyna-Gro	D52SS63	STX	112	224.5	25.1	0	33.7	823	24
Hubner	H6394RCSS	STX,B	108	224.3	22.8	0	34.7	836	16
Mid-Atlantic	MA8107VT2P	VT2P	110	223.9	23.4	1	32.4	831	19
Doebler	RPM 4917AM	AM,B	109	223.1	23.7	3	33.7	826	21
Seed Consultants	SCS 1139AM	AM,B	113	222.6	26.6	0	33.2	808	29
Seed Consultants	SCS 1098YHR	OI	109	222.4	24.2	0	33.6	821	26
Augusta	A4463VT2Pro	VT2P	112	221.6	23.5	1	33.0	822	25
Viking	48-08	None	108	219.6	23.6	0	33.2	814	27
Viking	13-07	None	107	219.4	21.0	1	33.2	827	20
Augusta	A5162GT3000	3000GT	112	219.1	23.9	1	33.0	810	28
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	100	212.8	20.4	0	33.3	805	30

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Averages = **225.9** **24.7** **1** **33.7** **831**
LSD (0.10) = 14.4 0.8 3
LSD (0.25) = 7.6 0.4 2
C.V. = 6.0

Prev. years average yield, 213.7 bu/a, 13 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.92; non-GMO = \$3.92

Test Comments: *Good seedling emergence and early plant growth. There was a short dry period in late June, but over the entire season, rainfall was above average. Good heat provided excellent yields, but not quite up to expectations. The plot looked good and was standing very well at harvest. Overall rating of the plot is 9 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: 10/21/2018 Revised:

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All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1165VT2ProRIB	VT2P,B	AC,P1V	115					
Augusta	A1166VT2Pro	VT2P	AC,P1V	116					
Augusta	A4463VT2Pro	VT2P	AC,P5V	112					
Augusta	A4465GT3111	3111	AVC,C5	114					
Augusta	A5065GTCBLL	3010	CM,C1	115					
Augusta	A5162GT3000	3000GT	CM,C2	112					
Augusta	A6664VT2Pro	VT2P	CM,C1	114					
Chemgro	6875RDP	VT2P,DG,B	AC,P2	108					
Chemgro	7095RDP	VT2P	AC,P2	110					
Chemgro	7185RDP	VT2P,B	AC,P2	111					
De Dell Seeds	DL 7250	None	MQ	111					
Doebblers	RPM 4219AM	AM	MQ,P1V,R	102					
Doebblers	RPM 4917AM	AM,B	MQ,P1V,R	109					
Doebblers	RPM 4919AM	AM	MQ,P1V,R	109					
Doebblers	RPM 5018AM	AM,B	MQ,P1V,R	110					
Doebblers	RPM 5518AM	AM,B	MQ,P1V,R	115					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Hubner	H6287RCSS	STX,B	AC,P5V	104					
Hubner	H6394RCSS	STX,B	AC,P5V	108					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Hubner	H6755RCSS	STX,B	AC,P5V	114					
Local Seed Co.	LC1289VT2P	VT2P,B	CM,C2	112					
Local Seed Co.	LC1349VT2P	VT2P,B	CM,C2	113					
Local Seed Co.	LC1487	None	CM,C2	114					
Mid-Atlantic	MA8074VT2P	VT2P	AC,P2	107					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P2	109					
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110					
Mid-Atlantic	MA8132VT2P	VT2P	AC,P2	113					
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112					
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115					
Pioneer	P1422AMXT GC	AMXT,B	MQ,C2,R,Lu	114					
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	CM,C2,R	100					
Seed Consultants	SCS 1087YHR	OI	MQ,P1V,R	108					
Seed Consultants	SCS 1098YHR	OI	MQ,P1V,R	109					
Seed Consultants	SCS 1105YHR	OI	MQ,P1V,R	110					
Seed Consultants	SCS 1125YHR	OI	MQ,P1V	112					
Seed Consultants	SCS 1139AM	AM,B	MQ,P1V,R	113					
Seed Consultants	SCS 1158YHR	OI	MQ,P1V,R	115					
Viking	13-07	None	CM,C2	107					
Viking	42-05	None	CM,C2	105					
Viking	48-08	None	AC,P5V	108					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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