

2018 Corn Grain Top 30 Harvest Report
 Pennsylvania Southeast [PASE] SPRING GROVE
 Jim Bange, York County, PA 17329



PREV. CROP/HERB: Corn / Acuron
 SOIL DESCRIPTION: Silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: No-till, very high P, very high K, 7 pH, 3.7% OM, 8.3 CEC
 PEST MANAGEMENT: Capture, Corvus, Banvel
 FERTILITY - Applied N: 115 Spring, 10 Planter, 108 Sidedress
 Applied N-P-K (units): 233-35-215
 SEEDING - RATE - ROW: May 8 35,000 /A 30" spacing
 HARVESTED - STAND: Oct 8 34,900 /A

All-Season Test
105 - 115 Day CRM
 B2018PASE09

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
Augusta	A1165VT2ProRIB	VT2P,B	115	263.4	24.9	0	35.4	996	2
Augusta	A4463VT2Pro	VT2P	112	259.4	21.5	1	34.7	1,003	1
Dyna-Gro	D55VC45	VT2P	115	255.3	24.6	1	37.0	968	6
Doebler	RPM 5018AM	AM,B	110	254.8	19.9	3	35.6	996	3
Seed Consultants	SCS 1105YHR	OI	110	253.6	20.4	0	35.8	988	4
Hubner	H6663RCSS	STX,B	113	251.7	24.0	1	35.4	958	9
Hubner	H6755RCSS	STX,B	114	251.4	22.9	1	33.7	963	7
Mid-Atlantic	MA8132VT2P	VT2P	113	250.1	24.1	0	36.3	951	10
Doebler	RPM 4219AM	AM	102	250.0	19.0	1	36.9	983	5
Chemgro	7095RDP	VT2P	110	247.4	20.7	0	36.1	962	8
Mid-Atlantic	MA8091VT2P	VT2P	109	246.3	23.1	0	35.2	943	13
Dyna-Gro	D52SS63	STX	112	245.5	22.7	0	35.5	942	14
Local Seed Co.	LC1289VT2P	VT2P,B	112	245.1	23.1	0	36.1	938	15
Mid-Atlantic	MA8074VT2P	VT2P	107	244.0	20.9	1	35.2	947	11
Seed Consultants	SCS 1158YHR	OI	115	243.8	23.6	0	36.1	930	18
Local Seed Co.	LC1349VT2P	VT2P,B	113	242.9	22.5	1	35.0	933	16
Seed Consultants	SCS 1098YHR	OI	109	241.9	21.9	1	31.2	933	17
Doebler	RPM 4917AM	AM,B	109	240.4	21.8	1	36.0	928	20
Hubner	H6287RCSS	STX,B	104	240.3	18.9	1	36.8	945	12
Mid-Atlantic	MA8107VT2P	VT2P	110	239.4	21.2	2	35.2	928	21
Chemgro	7185RDP	VT2P,B	111	239.0	22.1	2	35.6	921	22
Augusta	A1166VT2Pro	VT2P	116	238.7	23.3	3	35.1	912	23
Seed Consultants	SCS 1139AM	AM,B	113	238.6	23.3	1	34.1	912	24
Doebler	RPM 5518AM	AM,B	115	238.4	23.7	0	32.1	909	25
Seed Consultants	SCS 1087YHR	OI	108	237.9	19.8	2	33.7	930	19
Augusta	A6664VT2Pro	VT2P	114	237.3	23.8	2	36.4	904	26
Hubner	H6394RCSS	STX,B	108	230.6	20.6	1	35.6	897	27
Viking	42-05	None	105	225.2	20.2	2	34.1	878	28
Chemgro	6875RDP	VT2P,DG,B	108	223.4	20.3	4	33.2	871	29
Doebler	RPM 4919AM	AM	109	218.2	19.5	2	34.6	855	30

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Averages =	227.2	21.9	2	34.9	876
LSD (0.10) =	23.3	0.5	7		
LSD (0.25) =	12.2	0.3	4		
C.V. =	9.7			Prev. years average yield, 206.5 bu/a, 10 yrs	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.03; non-GMO = \$4.03

Test Comments: *Wet. Wet. Wet. Soil remained water filled all summer. Jim, our host grower, top-dressed additional nitrogen because heavy rains leached nitrogen from the soil. Corn standability was good at harvest but disease was rampant. Many hybrids would not have stood through the next storm. Gray leaf spot as well as gibberella and diplodia stalk rots were present. Test rating is 9 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: 10/11/2018 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.