

2018 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] ELVERSON
Dave Mast, Chester County, PA 19520



PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Silt loam, moderately drained, non-irrigated
SOIL CONDITION: No-till, very high P, very high K, 6.2 pH, 2.9% OM, 7.2 CEC
PEST MANAGEMENT: Roundup, atrazine, Acuron, Capreno, atrazine
FERTILITY - Applied N: 80 Spring, 80 Sidedress
Applied N-P-K (units): 160-0-0
SEEDING - RATE - ROW: May 3 34,000 /A 30" spacing
HARVESTED - STAND: Oct 22 33,400 /A

All-Season Test
105 - 115 Day CRM
B2018PASE08

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
Dyna-Gro	D52SS63	STX	112	192.0	17.8	0	34.7	745	1
Augusta	A4463VT2Pro	VT2P	112	188.8	16.4	4	33.6	739	2
Dyna-Gro	D55VC45	VT2P	115	186.0	18.1	0	33.7	720	3
Viking	13-07	None	107	181.2	14.5	3	33.9	716	4
Mid-Atlantic	MA8132VT2P	VT2P	113	180.2	17.6	0	33.6	700	6
Viking	42-05	None	105	178.0	15.1	2	32.9	703	5
Mid-Atlantic	MA8107VT2P	VT2P	110	177.2	15.6	2	34.1	697	7
Chemgro	6875RDP	VT2P,DG,B	108	175.9	14.9	1	34.1	695	8
Chemgro	7095RDP	VT2P	110	175.1	15.6	0	34.5	689	9
Mid-Atlantic	MA8091VT2P	VT2P	109	175.0	18.0	0	33.8	678	11
Hubner	H6755RCSS	STX,B	114	174.8	15.8	1	33.7	687	10
Chemgro	7185RDP	VT2P,B	111	172.6	15.8	2	33.9	678	12
Local Seed Co.	LC1349VT2P	VT2P,B	113	171.2	16.8	2	33.7	669	13
Augusta	A1165VT2ProRIB	VT2P,B	115	171.0	17.4	0	33.4	665	14
Hubner	H6663RCSS	STX,B	113	170.1	17.6	1	33.8	661	15
Seed Consultants	SCS 1098YHR	OI	109	169.0	18.3	1	33.4	654	17
Augusta	A1166VT2Pro	VT2P	116	167.7	17.9	2	32.9	650	19
Hubner	H6394RCSS	STX,B	108	166.8	15.4	2	33.7	657	16
Hubner	H6287RCSS	STX,B	104	165.6	14.2	5	32.5	654	18
Local Seed Co.	LC1487	None	114	165.4	18.1	1	33.7	641	23
Augusta	A5162GT3000	3000GT	112	165.1	16.4	1	34.3	646	21
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	100	164.0	15.0	2	33.6	648	20
Mid-Atlantic	MA8074VT2P	VT2P	107	163.4	14.7	1	33.0	645	22
Augusta	A4465GT3111	3111	114	162.7	18.1	1	33.6	630	26
NK Brand	NK1284-3220-EZR	3220,B	112	161.7	16.2	1	33.7	634	25
Local Seed Co.	LC1289VT2P	VT2P,B	112	161.7	17.3	1	34.2	629	27
Doebler	RPM 5018AM	AM,B	110	161.2	15.2	1	33.0	636	24
Pioneer	P1422AMXT GC	AMXT,B	114	157.1	18.2	1	33.0	608	28
Augusta	A6664VT2Pro	VT2P	114	155.5	16.9	1	33.0	607	29
Seed Consultants	SCS 1087YHR	OI	108	151.3	14.8	1	32.7	598	30

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Averages =	162.1	16.7	1	33.4	633
LSD (0.10) =	15.1	0.6	2		
LSD (0.25) =	7.9	0.3	1		
C.V. =	8.8	Prev. years average yield, 199.2 bu/a, 16 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.95; non-GMO = \$3.95

Test Comments: Soil conditions were wet at planting. Heavy rains after planting, and most of the summer, most likely caused some nitrogen to leach away. Stands were good but corn lacked good color all season long even after being sidedressed with additional nitrogen. Standability was good at harvest but probably was helped due to lack of ear size. Overall rating of the plot is a 8 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: 10/24/2018 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.