

Test by: M.A.I.T.S Mount Joy, PA

2019 Corn Grain Top 30 Harvest Report

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

All-Season Test	105 - 115 Day CRM B2019PASE11
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup
SOIL DESCRIPTION:	silt loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, medium K, 6.1 pH, 3.2% OM, 7.6 CEC
PEST MANAGEMENT:	Accuron, Mustang Maxx, Halex
FERTILITY - Applied N:	45.0 Fall, 155 Spring
Applied N-P-K (units):	200-125-155
SEEDED - RATE - ROW:	May 3 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 29 32.3 /A

TEST COMMENTS:

Planted in green residue with very wet soil conditions. This plot emerged better than expected. Weed control was excellent and disease was not a problem. Rainfall and heat units were above average for the summer. Overall rating of the plot is a 7 out of 10.(10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112	243.0	18.2	2	32.8	1101	1
AUGUSTA	A4463	VT2P	113	241.6	17.2	6	34.0	1100	2
MID-ATLANTIC	MA8091VT2P	VT2P	109	241.4	18.5	1	34.7	1092	3
AUGUSTA	A4559	3010	107	241.3	19.1	6	33.7	1088	4
DYNA-GRO	D55VC80	VT2P	115	239.4	19.7	0	34.3	1075	5
CHEMGRO	7145RDP	VT2P,B	111	237.4	18.2	3	33.0	1075	6
DYNA-GRO	D52VC63	VT2P	112	237.4	18.8	2	33.1	1072	7
LOCAL SEED CO	ZS1098 3330EZ	3330,B	110	233.2	19.1	1	32.4	1051	9
LOCAL SEED CO	LC1488 VT2PRIB	VT2P,B	114	232.9	17.8	3	34.0	1058	8
DEKALB	DKC62-53RIB GC	VT2P,B	112	230.6	18.9	1	31.2	1041	10
MID-ATLANTIC	MA8128VT2P	VT2P	112	229.9	18.4	6	32.2	1040	11
SEED CONSULTANTS	SCS 1139AM	AM,B	113	229.8	19.4	2	33.7	1034	13
CHEMGRO	7305RDP	VT2P	113	228.1	17.3	7	33.4	1038	12
PIONEER	P1197AM GC	AM,B	111	225.6	17.7	1	33.8	1025	14
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108	222.5	16.6	5	31.5	1017	15
HUBNER	H6390RCSS	STX,B	108	221.4	17.8	2	32.4	1005	17
SEED CONSULTANTS	SCS 1105AM	AM,B	109	220.8	17.1	3	31.5	1006	16
PIONEER	P0843AM GC	AM,B	108	220.7	17.8	3	32.8	1002	18
AUGUSTA	A5264 GC	3000GT	114	219.4	21.6	2	33.2	975	23
HUBNER	H6663RCSS	STX,B	113	219.1	20.6	1	31.2	979	21
SEED CONSULTANTS	SCS 1087YHR GC	OI	108	217.4	16.7	6	33.1	993	19
LOCAL SEED CO	LC1196 VT2P	VT2P	111	217.4	17.2	0	30.5	990	20
CHEMGRO	6905V5Z	3330,B	109	216.7	19.0	1	31.4	977	22
CHANNEL	210-79STXRIB	STX,B	110	213.6	16.8	6	32.5	975	24
MID-ATLANTIC	MA5096	3330,B	109	213.4	19.9	0	31.2	958	27
MID-ATLANTIC	MA5083	3120,B	108	212.8	18.1	4	32.9	965	26
MID-ATLANTIC	MA8074VT2P GC	VT2P	107	211.7	16.7	4	31.1	967	25
HUBNER	H6763RCSS	STX,B	115	211.5	20.6	0	33.5	946	30
NK BRAND	NK0968-3330GT	3000GT	109	211.3	19.4	0	29.9	951	29
CHEMGRO	7095RDP	VT2P,B	110	210.1	17.1	1	30.6	958	28

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Averages = **217.4** **18.5** **3** **32.3** **983**

LSD (0.10) = 16.0 0.7 3

LSD (0.25) = 8.4 0.3 2

C.V. = 7.0

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.61

Report Date: 10/31/2019

Additional reports available at www.firstseedtests.com

† 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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2019 Corn - Pennsylvania Southeast [PASE]

All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A1059	3110	109
AUGUSTA	A1165	VT2P	115
AUGUSTA	A4463	VT2P	113
AUGUSTA	A4559	3010	107
AUGUSTA	A4565	3220	115
AUGUSTA	A5264 GC	3000GT	114
CHANNEL	210-79STXRIB	STX,B	110
CHEMGRO	6905V5Z	3330,B	109
CHEMGRO	7095RDP	VT2P,B	110
CHEMGRO	7145RDP	VT2P,B	111
CHEMGRO	7305RDP	VT2P	113
DEKALB	DKC55-53RIB GC	STX,B	105
DEKALB	DKC62-53RIB GC	VT2P,B	112
DYNA-GRO	D52VC63	VT2P	112
DYNA-GRO	D55VC80	VT2P	115
HUBNER	H6287RCSS	STX,B	104
HUBNER	H6390RCSS	STX,B	108
HUBNER	H6663RCSS	STX,B	113
HUBNER	H6763RCSS	STX,B	115
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108
LOCAL SEED CO	LC1196 VT2P	VT2P	111
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112
LOCAL SEED CO	LC1488 VT2PRIB	VT2P,B	114
LOCAL SEED CO	LC1577 VT2PRIB	VT2P,B	115
LOCAL SEED CO	ZS1098 3330EZ	3330,B	110
MID-ATLANTIC	MA5083	3120,B	108
MID-ATLANTIC	MA5096	3330,B	109
MID-ATLANTIC	MA8074VT2P GC	VT2P	107
MID-ATLANTIC	MA8091VT2P	VT2P	109
MID-ATLANTIC	MA8104SS	STX	110
MID-ATLANTIC	MA8128VT2P	VT2P	112
NK BRAND	NK0968-3330GT	3000GT	109
NK BRAND	NK1205-3120-EZR	3120,B	112
NK BRAND	NK1573-3000GT	3000GT	115
PIONEER	P0843AM GC	AM,B	108
PIONEER	P1197AM GC	AM,B	111

Company/Brand	Brand/Product	Technology	RM
PIONEER	P1283AM	AM,B	112
SEED CONSULTANTS	SC-EX110YHR	OI	108
SEED CONSULTANTS	SCS 1087YHR GC	OI	108
SEED CONSULTANTS	SCS 1105AM	AM,B	109
SEED CONSULTANTS	SCS 1139AM	AM,B	113
SEED CONSULTANTS	SCS 1158YHR	OI,B	115

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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