

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

2019 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] NORTHUMBERLAND, PA
Scott Shoop, Northumberland County, PA 17847

All-Season Test	99 - 109 Day CRM B2019PACE05
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup
SOIL DESCRIPTION:	loamy sand, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 5.3 pH, 2.4% OM, 8.4 CEC
PEST MANAGEMENT:	Accurron, Capture, Capreno, Atrazine
FERTILITY - Applied N:	90 Spring, 65 Planter, 50 Sidedress
Applied N-P-K (units):	205-15-200
SEDED - RATE - ROW:	May 30 34.0 /A 30" spacing
HARVESTED - STAND:	Nov 21 33.2 /A

TEST COMMENTS:

Excellent emergence with very uniform stands. Good rainfall and heat units for most of the summer, though it did turn dry late August and September. There was some gray leaf spot and anthracnose, but not enough to cause any harvest difficulty. Overall rating of the plot is an 8 out 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
MID-ATLANTIC	MA8034VT2P	VT2P	103	270.4	16.0	3	33.0	1186	1
DEKALB	DKC55-53RIB GC	STX,B	105	268.3	16.6	18	33.2	1172	2
PIONEER	P0843AM GC	AM,B	108	268.2	19.7	3	33.0	1151	4
AUGUSTA	A1059	3110	109	265.5	21.0	0	33.4	1131	9
DYNA-GRO	D49SS70	STX	109	265.3	20.1	2	34.1	1136	7
HUBNER	H6390RCSS	STX,B	108	264.1	18.2	9	33.3	1144	5
SEED CONSULTANTS	SCS 1087YHR	OI	108	262.9	18.7	0	33.0	1135	8
SEED CONSULTANTS	SC-EX110YHR	OI	108	262.7	19.5	0	32.9	1129	10
SEED CONSULTANTS	SC-EX105YHR	OI	104	262.3	17.6	6	33.7	1139	6
MID-ATLANTIC	MA8017VT2P	VT2P	101	261.7	15.4	0	32.9	1152	3
SEED CONSULTANTS	SCS 1105AM	AM,B	109	259.1	18.4	0	33.7	1121	12
MID-ATLANTIC	MA8091VT2P	VT2P	109	258.4	21.9	17	33.7	1095	14
CHEMGRO	6505RDP	VT2P	105	257.3	17.0	2	32.9	1122	11
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108	252.9	18.9	6	32.5	1091	15
LOCAL SEED CO	LC0297 SSX	STX	102	252.3	17.4	0	32.9	1098	13
NK BRAND	NK0968-3330GT	3000GT	109	250.5	23.6	3	33.7	1051	23
AUGUSTA	A4760	VT2P	109	249.8	20.6	0	33.7	1067	19
CHEMGRO	6905V5Z	3330,B	109	248.0	22.6	0	33.4	1047	25
HUBNER	H6287RCSS	STX,B	104	247.7	15.3	5	32.4	1090	16
MID-ATLANTIC	MA5096	3330,B	109	247.7	22.7	0	33.3	1045	26
PIONEER	P0720AM GC	AM,B	107	246.2	17.4	20	33.0	1071	18
CHEMGRO	6395RDP GC	VT2P,B	103	245.7	15.1	2	32.4	1083	17
CHEMGRO	6605RDP	VT2P	106	243.3	17.0	9	33.4	1061	21
LOCAL SEED CO	LC0488 SSXRIB	STX,B	104	241.9	15.6	2	32.5	1063	20
DYNA-GRO	D47VC29	VT2P	107	240.7	16.7	6	33.6	1051	24
AUGUSTA	A4759	3111	108	240.5	18.9	1	33.3	1037	27
LOCAL SEED CO	LC0657 SSXRIB	STX,B	106	240.5	14.8	10	32.8	1061	22
MID-ATLANTIC	MA8074VT2P	VT2P	107	238.2	18.8	11	33.0	1028	30
AUGUSTA	A2756	3000GT	106	236.0	16.9	2	32.6	1030	28
DEKALB	DKC52-68RIB GC	VT2P,B	102	236.0	16.8	4	33.6	1030	29

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Averages =	243.6	18.0	7	33.2	1055
LSD (0.10) =	14.9	0.6	10		
LSD (0.25) =	7.8	0.3	5		
C.V. =	5.8				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.41

Report Date: 11/26/2019

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 Central [PACE]



All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A1059	3110	109
AUGUSTA	A2756	3000GT	106
AUGUSTA	A4559	3010	107
AUGUSTA	A4759	3111	108
AUGUSTA	A4760	VT2P	109
AUGUSTA	A4858	3010,B	108
CHEMGRO	6395RDP GC	VT2P,B	103
CHEMGRO	6505RDP	VT2P	105
CHEMGRO	6605RDP	VT2P	106
CHEMGRO	6905V5Z	3330,B	109
DEKALB	DKC52-68RIB GC	VT2P,B	102
DEKALB	DKC55-53RIB GC	STX,B	105
DYNA-GRO	D47VC29	VT2P	107
DYNA-GRO	D49SS70	STX	109
HUBNER	H6225RCSS	STX,B	102
HUBNER	H6287RCSS	STX,B	104
HUBNER	H6390RCSS	STX,B	108
LOCAL SEED CO	LC0057 SSXRIB	STX,B	100
LOCAL SEED CO	LC0297 SSX	STX	102
LOCAL SEED CO	LC0488 SSXRIB	STX,B	104
LOCAL SEED CO	LC0657 SSXRIB	STX,B	106
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108
LOCAL SEED CO	LCX07-90	None	107
LOCAL SEED CO	ZS0398 3110	3110	103
MID-ATLANTIC	MA5083	3120,B	108
MID-ATLANTIC	MA5096	3330,B	109
MID-ATLANTIC	MA8017VT2P	VT2P	101
MID-ATLANTIC	MA8026VT2P	VT2P	102
MID-ATLANTIC	MA8034VT2P	VT2P	103
MID-ATLANTIC	MA8074VT2P	VT2P	107
MID-ATLANTIC	MA8091VT2P	VT2P	109
NK BRAND	NK0472-3110	3110	104
NK BRAND	NK0886-3120-EZR	3120,B	108
NK BRAND	NK0968-3330GT	3000GT	109
PIONEER	P0720AM GC	AM,B	107
PIONEER	P0843AM GC	AM,B	108

Company/Brand	Brand/Product	Technology	RM
SEED CONSULTANTS	SC-EX105YHR	OI	104
SEED CONSULTANTS	SC-EX110YHR	OI	108
SEED CONSULTANTS	SCS 1069YHR	OI	106
SEED CONSULTANTS	SCS 1087YHR	OI	108
SEED CONSULTANTS	SCS 1105AM	AM,B	109
SEED CONSULTANTS	SCS 989AM	AM,B	98

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® TRIsect (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.