

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

2019 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] MCVEYTOWN, PA
Charles Groff, Juniata County, PA 17051

All-Season Test	99 - 109 Day CRM B2019PACE04
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup
SOIL DESCRIPTION:	clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, medium K, 4.9 pH, 2.9% OM, 10.4 CEC
PEST MANAGEMENT:	Capture, Atrazine, Dual, Capreno
FERTILITY - Applied N:	150 Spring
Applied N-P-K (units):	150-100-80
SEEDED - RATE - ROW:	Jun 5 34.0 /A 30" spacing
HARVESTED - STAND:	Dec 4 33.3 /A

TEST COMMENTS:

Growing conditions for most of the summer were ideal with plenty of rainfall and heat. Stands were consistent, and the plot was very uniform. Disease was minimal and standability for this late harvest was good. Due to the harvest timing, the only drawback to this plot was moisture separation. Overall rating for the plot is 8 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	LC0877 VT2PRIB	VT2P,B	108	219.9	14.3	6	32.8	965	1
MID-ATLANTIC	MA8091VT2P	VT2P	109	217.0	15.0	10	33.2	953	2
MID-ATLANTIC	MA8074VT2P	VT2P	107	215.0	14.3	9	32.9	944	3
NK BRAND	NK0472-3110	3110	104	207.6	14.1	3	33.6	911	4
AUGUSTA	A1059	3110	109	207.4	15.2	9	33.3	910	5
DYNA-GRO	D49SS70	STX	109	206.0	14.6	8	33.2	904	6
DYNA-GRO	D47VC29	VT2P	107	205.7	14.0	2	33.0	903	7
AUGUSTA	A4759	3111	108	204.6	14.3	8	33.0	898	8
SEED CONSULTANTS	SCS 1105AM	AM,B	109	203.3	14.2	4	32.7	892	9
MID-ATLANTIC	MA8034VT2P	VT2P	103	202.4	14.1	6	33.6	889	10
MID-ATLANTIC	MA5096	3330,B	109	202.0	16.0	1	32.9	882	13
AUGUSTA	A4559	3010	107	201.7	15.5	4	33.3	883	12
LOCAL SEED CO	LC0057 SXXRIB	STX,B	100	201.3	14.1	6	33.4	884	11
HUBNER	H6390RCSS	STX,B	108	199.2	14.3	12	32.9	874	14
AUGUSTA	A2756	3000GT	106	199.2	13.9	10	33.7	874	15
MID-ATLANTIC	MA8026VT2P	VT2P	102	196.8	14.2	6	32.3	864	16
NK BRAND	NK0886-3120-EZR	3120,B	108	196.5	14.3	10	33.2	863	17
SEED CONSULTANTS	SCS 1087YHR	OI	108	195.9	14.0	4	34.5	860	18
CHEMGRO	6505RDP	VT2P	105	195.2	14.1	4	32.9	857	19
AUGUSTA	A4858	3010,B	108	192.9	14.5	13	33.2	847	20
NK BRAND	NK0968-3330GT	3000GT	109	192.8	15.7	6	33.8	843	21
HUBNER	H6287RCSS	STX,B	104	191.5	14.2	5	33.2	841	22
LOCAL SEED CO	LC0488 SXXRIB	STX,B	104	191.4	14.1	11	32.7	840	23
CHEMGRO	6395RDP GC	VT2P,B	103	191.2	14.2	3	33.0	839	24
MID-ATLANTIC	MA8017VT2P	VT2P	101	188.6	14.0	10	33.4	828	25
DEKALB	DKC55-53RIB GC	STX,B	105	188.5	14.1	14	34.1	828	26
LOCAL SEED CO	LCX07-90	None	107	186.5	14.3	10	33.4	819	27
CHEMGRO	6905V5Z	3330,B	109	186.3	16.3	4	34.0	812	28
MID-ATLANTIC	MA5083	3120,B	108	184.6	14.1	14	32.5	810	29
PIONEER	P0843AM GC	AM,B	108	183.7	14.7	5	34.1	806	30

Robin Kauffman

Rob Kauffman

rob.kauffman@firstseedtests.info, (717) 413-0763

Averages =	191.3	14.5	7	33.3	839
LSD (0.10) =	12.3	0.3	ns		
LSD (0.25) =	6.4	0.2	ns		
C.V. =	6.1				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.39

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.