

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

2019 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] MECHANICSBURG, PA
Daryl Alger, Cumberland County, PA 17331

All-Season Test 105 - 115 Day CRM
B2019PASE09

Top 30 of 42 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / Glyphosate

SOIL DESCRIPTION: silt loam, well drained, non-irrigated

SOIL CONDITION: No-Till, very high P, very high K, 5.9 pH, 4.1% OM, 9.0 CEC

PEST MANAGEMENT: Atrazine, Glyphosate Dual, Capture, Callisto

FERTILITY - Applied N: 125 Spring, 120 Sidedress

Applied N-P-K (units): 245-135-195

SEEDED - RATE - ROW: May 9 34.0 /A 30" spacing

HARVESTED - STAND: Oct 21 31.7 /A

TEST COMMENTS:

Plot was a surprise all year. Planted in a wet conditions. The plot had above average rainfall for most of the growing season. Stands were good and disease did not become a problem. Overall rating of 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
DYNA-GRO	D55VC80	VT2P	115	327.7	18.9	0	31.9	1465	1
CHEMGRO	7305RDP	VT2P	113	312.4	17.3	2	33.6	1410	2
AUGUSTA	A4463	VT2P	113	309.6	17.5	3	32.5	1396	4
PIONEER	P1197AM GC	AM,B	111	308.6	16.6	3	32.7	1398	3
SEED CONSULTANTS	SCS 1158YHR	OI,B	115	301.0	19.1	1	32.1	1345	6
PIONEER	P1283AM	AM,B	112	297.4	17.3	1	31.9	1342	7
PIONEER	P0843AM GC	AM,B	108	297.2	16.1	1	32.0	1350	5
SEED CONSULTANTS	SCS 1139AM	AM,B	113	295.1	17.6	1	31.4	1329	8
MID-ATLANTIC	MA8091VT2P	VT2P	109	293.8	17.5	4	31.9	1324	10
DYNA-GRO	D52VC63	VT2P	112	292.9	17.4	3	32.0	1321	11
SEED CONSULTANTS	SCS 1087YHR GC	OI	108	292.7	16.4	1	31.8	1328	9
AUGUSTA	A1165	VT2P	115	291.2	19.7	1	31.2	1297	15
SEED CONSULTANTS	SC-EX110YHR	OI	108	286.7	16.5	1	30.7	1300	13
CHANNEL	210-79STXRIB	STX,B	110	285.9	15.9	3	33.0	1300	14
DEKALB	DKC55-53RIB GC	STX,B	105	285.3	14.6	1	31.9	1304	12
HUBNER	H6390RCSS	STX,B	108	285.3	16.2	2	32.4	1295	16
MID-ATLANTIC	MA8128VT2P	VT2P	112	285.2	16.8	2	32.7	1291	17
LOCAL SEED CO	LC1196 VT2P	VT2P	111	283.8	15.8	1	31.0	1291	18
SEED CONSULTANTS	SCS 1105AM	AM,B	109	283.2	16.4	1	30.8	1285	19
HUBNER	H6663RCSS	STX,B	113	283.1	18.6	2	31.5	1268	21
AUGUSTA	A5264 GC	3000GT	114	282.9	20.1	0	31.8	1257	24
LOCAL SEED CO	LC1577 VT2PRIB	VT2P,B	115	281.0	17.9	1	31.9	1264	23
DEKALB	DKC62-53RIB GC	VT2P,B	112	280.7	17.1	2	32.5	1268	22
CHEMGRO	7145RDP	VT2P,B	111	280.3	16.7	2	32.5	1269	20
LOCAL SEED CO	LC1488 VT2PRIB	VT2P,B	114	278.3	17.4	2	32.0	1255	25
AUGUSTA	A4559	3010	107	276.9	17.7	1	31.6	1247	26
NK BRAND	NK1573-3000GT	3000GT	115	276.5	19.1	17	31.6	1235	28
HUBNER	H6763RCSS	STX,B	115	275.9	19.0	3	32.0	1234	29
AUGUSTA	A1059	3110	109	275.5	17.3	0	33.8	1243	27
HUBNER	H6287RCSS	STX,B	104	269.6	13.8	6	32.0	1232	30

Averages = **281.6** 17.2 2 31.7 1271

LSD (0.10) = 13.1 0.8 3

LSD (0.25) = 6.9 0.4 1

C.V. = 4.4

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.57

2019 Corn - Pennsylvania Southeast [PASE]



All-Season Test Products (42 Total)

Company/Brand	Brand/Product	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.