

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

2020 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] MECHANICSBURG, PA

Daryl Alger, Cumberland County, PA 17331

All-Season Test	105 - 115 Day CRM B2020PASE09
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Glyphosate
SOIL DESCRIPTION:	silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.6 pH, 3.2% OM, 7.6 CEC
PEST MANAGEMENT:	Glyphosate, Atrazine, Dual, Capture, Callisto
FERTILITY - Applied N:	125 Spring, 5 Planter, 120 Sidedress
Applied N-P-K (units):	250-0-0
SEEDED - RATE - ROW:	May 21 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 3 35.0 /A

TEST COMMENTS:

Planted into thick chickweed but stands were good and with adequate soil moisture and temperatures emergence was excellent. Rainfall was short in mid-July and early August but corn seemed to handle it well. Corn in general was standing well at harvest with some hybrids root lodging. Unfortunately, the combine operator error caused yield data to be very variable and lose a good plot.

Company/Brand	Product/Brand	Yield	Moisture %	Lodging %	Stand	Gross Income	Rank
		bu	%	%	/a	\$/bu	
Mid-Atlantic	WAVE/VTOP	112	22.2	14	34.0	1121	1
Mid-Atlantic	WAVE/VTOP	114	22.4	15	34.7	1080	3
SEED CONSULTANTS	SC/STYAM	108	22.1	12	33.8	1088	2
SEED CONSULTANTS	SC/STYAM	108	22.4	20	34.8	1088	4
AUGUSTA	WAVE	112	22.8	16	34.6	1046	5
PIONEER	PIONEER 30	112	22.7	14	34.8	1030	7
HR BRAND	HR/HR/HR/HR/HR	110	21.1	11	34.1	1027	6
HUBER	HUBER/HR	112	21.2	11	34.1	1020	8
Mid-Atlantic	WAVE	110	21.7	11	34.3	1008	9
CHEMUR	TRIPLEX	110	21.2	11	34.3	990	10
SYNLAB	SYNLAB	114	21.2	11	34.3	992	12
Mid-Atlantic	WAVE/VTOP	108	21.1	11	34.3	988	11
HUBER	HUBER/HR	110	21.1	13	34.1	948	13
HR BRAND	HR/HR/HR/HR/HR	110	21.1	25	34.8	938	14
CHEMUR	TRIPLEX	110	21.1	19	34.0	918	16
LOCAL SEED	LOCAL SEED	107	19.7	23	34.3	927	15
LOCAL SEED	LOCAL SEED	107	19.7	25	34.3	915	17
SEALS	SEALS	108	19.8	23	34.8	914	18
HUBER	HUBER/HR	108	19.8	26	34.4	910	19
LOCAL SEED	LOCAL SEED	107	19.8	25	34.7	908	20
CHEMUR	TRIPLEX	113	19.1	26	35.0	893	21
AUGUSTA	WAVE	110	19.2	26	35.7	887	24
PIONEER	PIONEER 30	110	17.8	16	34.4	888	23
HUBER	HUBER/HR	104	17.8	26	35.3	844	22
SEED CONSULTANTS	SC/STYAM	112	17.2	22	35.3	819	25
HUBER	HUBER/HR	108	17.8	22	34.4	808	27
LOCAL SEED	LOCAL SEED	114	17.2	23	35.8	814	26
Mid-Atlantic	WAVE	108	19.8	30	34.2	798	28
LOCAL SEED	LOCAL SEED	108	19.3	26	35.2	775	29
CHEMUR	TRIPLEX	108	19.4	23	34.3	771	30

REJECTED

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Averages =	181.9	21.1	22	35.0	858
LSD (0.10) =	35.7	1.3	ns		
LSD (0.25) =	18.7	0.7	ns		
C.V. =	18.6			Historic yield: 281.6 bu/a, 1 yr(s)	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$4.84

Report Date: 12/11/2020

Revised: 12/11/2020

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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2020 Corn - Pennsylvania Southeast [PASE]



All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1060	3330	109	CM,C2
AUGUSTA	1165 GC	VT2P	115	CM,C2
AUGUSTA	4463	VT2P	112	CM,C1
AUGUSTA	7162	VT2P	112	CM,C1
CHEMGRO	6819D5Z	5222,B	108	CM,C5,Vi
CHEMGRO	7095RDP	VT2P,B	110	AC,P2
CHEMGRO	7305RDP	VT2P,B	113	AC,P2
CHEMGRO	7505RDP	VT2P,B	115	AC,P2
DEKALB	DKC59-82RIB GC	VT2P,B	109	NA
DEKALB	DKC62-53RIB GC	VT2P,B	112	NA
DYNA-GRO	D52VC63	VT2P	112	AC,P5V,EDC-B
DYNA-GRO	D55VC80	VT2P	115	AC,P5V,EDC-B
HUBNER	H6287RCSS	STX,B	104	AC,P5V
HUBNER	H6390RCSS	STX,B	108	AC,P5V
HUBNER	H6456RCSS	STX	109	AC,P5V
HUBNER	H6663RCSS	STX,B	113	AC,P5V
HUBNER	H6692RCSS	STX	112	AC,P5V
HUBNER	H6763RCSS	STX,B	115	AC,P5V
LOCAL SEED	LC0708 VT2PRIB	VT2P,B	107	RA
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	RA
LOCAL SEED	LC1009 VT2PRIB	VT2P,B	110	RA
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112	RA
LOCAL SEED	LC1398 VT2PRIB	VT2P,B	113	RA
LOCAL SEED	LC1488 VT2PRIB	VT2P,B	114	RA
LOCAL SEED	LC1497 DGVT2P	VT2PDG,B	114	RA
MID-ATLANTIC	MA5155	3111	115	NA
MID-ATLANTIC	MA8066	VT2PDG	106	NA
MID-ATLANTIC	MA8091VT2P	VT2P	109	NA
MID-ATLANTIC	MA8106	VT2P	109	NA
MID-ATLANTIC	MA8128VT2P	VT2P	112	NA
MID-ATLANTIC	MA8141DGVT2P	VT2PDG	114	NA
MID-ATLANTIC	MA8158	STX	1115	NA
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1460-5222-EZR	5222,B	114	AVC,C5,Vi
PIONEER	P1077AM GC	AM,AQ,B	110	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
PIONEER	P1283AM GC	AM,B	112	NA
SEED CONSULTANTS	SCS1087AM	AM,B	108	NA
SEED CONSULTANTS	SCS1091AM	AM,B	109	NA
SEED CONSULTANTS	SCS1111Q	QR,B	111	NA
SEED CONSULTANTS	SCS1121AM	AM,B	112	NA
SEED CONSULTANTS	SCS1141AM	AM,B	114	NA

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*

3111	Agrisure® Viptera® 3111
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
QR	Qrome™
STX	SmartStax®
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

Corn Seed Treatments**

AC,P2	Acceleron, Poncho 250
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C1	CruiserMaxx 1250
CM,C2	CruiserMaxx 250
CM,C5,Vi	CruiserMaxx 500 with Vibrance
RA	Radius 500 (Local Seed Co)

** Seed treatments may include unspecified plant health promoting components.