

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

## 2020 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] MOUNT JOY, PA  
John Conley, Lancaster County, PA 17552

<b>All-Season Test</b>	105 - 115 Day CRM B2020PASE10
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Glyphosate
<b>SOIL DESCRIPTION:</b>	clay loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 6.0 pH, 3.1% OM, 8.4 CEC
<b>PEST MANAGEMENT:</b>	Atrazine, Glyphosate, Capture, Capreno, Miravis Neo
<b>FERTILITY - Applied N:</b>	125 Spring, 55 Planter, 98 Sidedress
<b>Applied N-P-K (units):</b>	278-135-130
<b>SEEDED - RATE - ROW:</b>	May 13 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 28 35.2 /A

### TEST COMMENTS:

*One of the best yielding plots for 2020. Emergence was excellent and rainfall was adequate except for a few weeks in July. Corn was generally standing well with very little disease pressure, fungicide definitely helped. Overall rating of the plot was 8 out of 10. (10=best)*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DEKALB	DKC59-82RIB GC	VT2P,B	109	<b>294.8</b>	21.9	17	35.5	1314	1
CHEMGRO	7505RDP	VT2P,B	115	<b>288.4</b>	23.5	8	34.3	1274	3
PIONEER	P1283AM GC	AM,B	112	<b>284.1</b>	22.1	7	34.8	1265	4
AUGUSTA	1165 GC	VT2P	115	<b>284.0</b>	20.7	9	36.1	1275	2
AUGUSTA	7162	VT2P	112	<b>283.0</b>	22.1	13	37.3	1260	5
MID-ATLANTIC	MA8141DGVT2P	VT2PDG	114	<b>282.2</b>	23.3	6	35.5	1248	6
MID-ATLANTIC	MA8128VT2P	VT2P	112	<b>280.8</b>	22.6	15	35.0	1247	7
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112	278.3	22.4	13	35.5	1237	9
DYNA-GRO	D52VC63	VT2P	112	277.2	21.5	9	36.7	1238	8
HUBNER	H6456RCSS	STX	109	276.6	22.3	9	35.0	1230	11
CHEMGRO	7095RDP	VT2P,B	110	276.5	23.8	7	34.3	1219	13
HUBNER	H6763RCSS	STX,B	115	276.4	21.5	14	34.5	1235	10
LOCAL SEED	LC1488 VT2PRIB	VT2P,B	114	275.6	23.2	4	33.9	1220	12
LOCAL SEED	LC1398 VT2PRIB	VT2P,B	113	273.6	23.1	11	35.1	1211	16
MID-ATLANTIC	MA8106	VT2P	109	272.8	24.3	16	36.7	1200	20
SEED CONSULTANTS	SCS1141AM	AM,B	114	272.2	21.1	13	34.8	1219	14
CHEMGRO	7305RDP	VT2P,B	113	271.7	21.4	10	36.2	1215	15
LOCAL SEED	LC0708 VT2PRIB	VT2P,B	107	271.1	22.1	10	34.2	1207	17
NK BRAND	NK1239-5122-EZR	5122,B	112	271.1	22.8	5	34.3	1202	19
SEED CONSULTANTS	SCS1087AM	AM,B	108	268.4	20.6	16	36.7	1205	18
DYNA-GRO	D55VC80	VT2P	115	267.4	24.6	7	35.7	1174	24
LOCAL SEED	LC1497 DGVT2P	VT2PDG,B	114	267.3	23.5	6	33.0	1181	23
SEED CONSULTANTS	SCS1091AM	AM,B	109	266.7	21.7	15	34.8	1190	21
DEKALB	DKC62-53RIB GC	VT2P,B	112	264.8	21.4	5	36.4	1184	22
AUGUSTA	4463	VT2P	112	264.3	23.0	6	33.8	1171	26
HUBNER	H6692RCSS	STX	112	263.9	22.2	14	35.7	1174	25
LOCAL SEED	LC1009 VT2PRIB	VT2P,B	110	263.4	23.0	5	35.8	1167	29
AUGUSTA	1060	3330	109	261.4	21.2	9	36.3	1170	27
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	261.3	21.1	18	33.2	1170	28
PIONEER	P1077AM GC	AM,AQ,B	110	260.3	22.5	14	34.2	1156	30

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Averages = **267.9** **22.5** **10** **35.2** **1190**

LSD (0.10) = 11.9 ns ns

LSD (0.25) = 6.2 ns ns

C.V. = 4.2

Historic yield: 58.4 bu/a, 1 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.63

## 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

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<sup>^</sup> 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\*

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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®

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

## Corn Seed Treatments\*\*

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NA	Not Available
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)

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