

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

## 2020 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] DANVILLE, PA  
Rich & Stan Crone, Montour County, PA 17821

<b>All-Season Test</b>	99 - 109 Day CRM B2020PACE02
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Glyphosate, Acurron,
<b>SOIL DESCRIPTION:</b>	sandy clay loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, very high P, very high K, 6.0 pH, 2.0% OM, 6.5 CEC
<b>PEST MANAGEMENT:</b>	Glyphosate, Brawl Atz, Prowl 3.3ec, Diflex, Capture, Delaro
<b>FERTILITY - Applied N:</b>	150 Planter, 80 Sidedress
<b>Applied N-P-K (units):</b>	230-25-0
<b>SEEDED - RATE - ROW:</b>	May 22 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 24 33.7 /A

### TEST COMMENTS:

*A wet and cool spring turned into a hot and dry summer. Stands and overall appearance of the plot looked good through mid-June then the lack of good rainfall and heat took the top yields off the plot. There was good weed control. Harvesting this late in the season most hybrids were standing well and shelled off the cob clean. The overall rating of the plot is a 7 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	D45TC55	TRE	105	<b>235.8</b>	16.5	3	34.6	1149	1
AUGUSTA	1060	3330	109	<b>230.4</b>	19.3	3	35.2	1106	2
DEKALB	DKC59-82RIB GC	VT2P,B	109	<b>227.4</b>	17.5	3	32.0	1103	3
AUGUSTA	1059	3110	109	<b>220.0</b>	19.4	2	33.5	1056	4
MID-ATLANTIC	MA8091VT2P	VT2P	109	<b>217.8</b>	17.6	14	34.6	1055	5
NK BRAND	NK1082-5222A-EZR	5222A,B	110	216.7	18.4	6	34.5	1046	7
HUBNER	H05G716	VT2PDG	105	215.0	15.9	11	34.2	1051	6
AUGUSTA	4958-3120	3120,B	108	214.9	17.4	17	32.9	1042	8
PIONEER	P0806AM GC	AM,B	108	212.1	17.5	7	33.8	1028	10
DYNA-GRO	D44SS54 GC	STX	104	211.2	16.6	10	32.5	1029	9
SEED CONSULTANTS	SCS1071AM	AM,B	107	209.7	17.0	7	33.5	1019	11
HUBNER	H6287RCSS	STX,B	104	206.9	15.8	11	34.6	1012	12
MID-ATLANTIC	MA8039	VT2P	103	206.8	15.9	7	33.5	1011	13
LOCAL SEED	LC0297 SSXRIB	STX,B	102	206.8	16.0	5	32.7	1010	14
HUBNER	H6225RCSS	STX,B	102	204.1	16.1	2	33.8	996	15
MID-ATLANTIC	MA5024	5222,B	102	204.0	17.0	2	34.7	991	16
CHEMGRO	6819D5Z	5222,B	108	202.9	17.0	18	34.3	986	18
CHEMGRO	6505RDP	VT2P,B	105	202.8	16.0	6	33.0	991	17
HUBNER	H6390RCSS	STX,B	108	202.6	17.4	2	34.5	983	19
DYNA-GRO	D49SS70	STX	109	202.6	17.5	11	33.3	982	20
AUGUSTA	4759	3111	108	200.6	17.7	3	32.4	971	22
SEED CONSULTANTS	SCS1091AM	AM,B	109	200.0	18.1	12	32.3	966	24
MID-ATLANTIC	MA8106	VT2P	109	199.7	16.6	26	35.2	972	21
MID-ATLANTIC	MA8008	VT2P	100	198.6	16.0	4	33.4	970	23
NK BRAND	NK0886-5122-EZR	5122,B	108	198.4	18.6	4	33.9	956	26
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	198.0	17.7	14	34.3	959	25
PIONEER	P0963AM GC	AM,B	109	196.7	18.4	15	34.5	949	28
NK BRAND	NK0968-3000GT	3000GT	109	196.2	17.3	3	34.8	952	27
SEED CONSULTANTS	SCS1069AM	AM,B	106	195.4	17.1	19	35.5	949	29
CHEMGRO	6605RDP	VT2P,B	106	194.8	16.4	22	32.4	949	30

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Averages = **204.6** **17.0** **10** **33.7** **994**

LSD (0.10) = 12.5 0.8 ns

LSD (0.25) = 6.6 0.4 ns

C.V. = 5.8

Historic yield: 184.1 bu/a, 17 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.91

Report Date: 11/25/2020

Additional reports available at [www.firstseedtests.com](http://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 Central [ PACE ]

### All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1059	3110	109	AVC,C5
AUGUSTA	1060	3330	109	CM,C2
AUGUSTA	4757	VT2P	107	AC,P5V
AUGUSTA	4759	3111	108	CM,C2
AUGUSTA	4958-3120	3120,B	108	CM,C2
CHEMGRO	6395RDP	VT2P,B	103	AC,P2
CHEMGRO	6505RDP	VT2P,B	105	AC,P2
CHEMGRO	6605RDP	VT2P,B	106	AC,P2
CHEMGRO	6819D5Z	5222,B	108	CM,C5,Vi
DEKALB	DKC58-64RIB GC	STX,B	108	NA
DEKALB	DKC59-82RIB GC	VT2P,B	109	NA
DYNA-GRO	D44SS54 GC	STX	104	AC,P5V,EDC-B
DYNA-GRO	D45TC55	TRE	105	AC,P5V,EDC-B
DYNA-GRO	D49SS70	STX	109	AC,P5V,EDC-B
HUBNER	H05G716	VT2PDG	105	AC,P5V
HUBNER	H6225RCSS	STX,B	102	AC,P5V
HUBNER	H6287RCSS	STX,B	104	AC,P5V
HUBNER	H6390RCSS	STX,B	108	AC,P5V
LOCAL SEED	LC0297 SSXRIB	STX,B	102	RA
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	RA
LOCAL SEED	LC0607 TCRIB	TRE,B	106	RA
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	RA
MID-ATLANTIC	MA5024	5222,B	102	NA
MID-ATLANTIC	MA8008	VT2P	100	NA
MID-ATLANTIC	MA8039	VT2P	103	NA
MID-ATLANTIC	MA8066	VT2PDG	106	NA
MID-ATLANTIC	MA8091VT2P	VT2P	109	NA
MID-ATLANTIC	MA8106	VT2P	109	NA
NK BRAND	NK0886-5122-EZR	5122,B	108	AVC,C5,Vi
NK BRAND	NK0968-3000GT	3000GT	109	AVC,C5,Vi
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
PIONEER	P0806AM GC	AM,B	108	NA
PIONEER	P0963AM GC	AM,B	109	NA
SEED CONSULTANTS	SCS1069AM	AM,B	106	NA
SEED CONSULTANTS	SCS1071AM	AM,B	107	NA
SEED CONSULTANTS	SCS1091AM	AM,B	109	NA

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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^ 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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3000GT	Agrisure® 3000GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111
3120	Agrisure® 3120 (CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
STX	SmartStax®
TRE	Genuity® Trecepta™
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	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
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.