

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

## 2021 Corn Grain Top 30 Harvest Report

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

<b>All-Season Test</b>	102 - 112 Day CRM B2021PACE02
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Bicep, Atrazine, Glyphosate
<b>SOIL DESCRIPTION:</b>	silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, very high K, 5.9 pH, 3.6% OM, 8.9 CEC
<b>PEST MANAGEMENT:</b>	Bicep Magnum, Glyphosate, Xyway, Ethos Xp
<b>FERTILITY - Applied N:</b>	31 Fall, 91 Spring, 4 Planter, 100 Sidedress
<b>Applied N-P-K (units):</b>	226-124-236
<b>SEEDED - RATE - ROW:</b>	May 13 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 18 33.4 /A

### TEST COMMENTS:

The plot was planted into conventional tillage with a soil temperature of 64.3F and furrow moisture of 35.2%, which got corn off to a fast start. Heavy rain when corn was 4-6 inches covered some corn, but it did come through and stands were excellent. Rainfall and some heat made for an excellent crop. After last year's drought, it was nice to get a growing year like this to catch back up. Standability was good with only a few down plants and broken tops. Anthracnose and some northern leaf blight were present. The overall rating of the plot is 9 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DeKalb	DKC58-64RIB GC ↗	STX	108	<b>281.2</b>	20.5	0	33.8	1581	1
Seed Consultants	SC1087AM ↗	AM	108	<b>273.6</b>	20.9	1	34.7	1536	3
Seed Consultants	SC1042Q ↗	QR	104	<b>271.0</b>	18.3	0	33.3	1539	2
Hefty	H6244 RIB ↗	STX	112	<b>270.5</b>	23.2	0	32.8	1502	8
Pioneer	P0806AM GC ↗	AM	108	<b>270.4</b>	20.9	0	33.0	1518	4
Seed Consultants	SC1071AM ↗	AM	107	<b>268.6</b>	21.4	0	34.3	1504	6
Hefty	H5944 RIB ↗	STX	109	<b>266.8</b>	18.4	3	33.3	1514	5
Seed Consultants	SC1092AM ↗	AM	109	<b>266.7</b>	19.8	1	31.1	1504	7
Augusta	A3363 VT2PDG ↗	VT2PDG	113	<b>266.0</b>	21.8	0	34.7	1487	10
Seed Consultants	SC1122Q ↗	QR	112	<b>265.6</b>	21.8	0	32.8	1484	11
Hubner	H6456RCSS ↗	STX	109	<b>264.2</b>	22.6	0	32.3	1472	14
Local Seed	LC0707 DGV2PRIB ↗	VT2PDG	107	<b>264.1</b>	19.6	0	34.2	1491	9
Local Seed	LC0918 SSXRIB ↗	STX	109	<b>262.4</b>	21.5	0	32.1	1469	15
Hubner	H6390RCSS ↗	STX	108	<b>261.1</b>	19.7	1	33.2	1473	13
Dyna-Gro	D45TC55 ↗	TRE	105	<b>260.2</b>	18.4	2	32.3	1476	12
Mid-Atlantic	MA8106 ↗	VT2P	110	258.0	20.6	0	33.8	1450	17
Mid-Atlantic	MA8042 ↗	STX	104	257.8	19.0	0	34.8	1459	16
Pioneer	P1077AM GC ↗	AM,AQ	110	255.6	20.5	0	33.7	1437	18
Local Seed	LC1009 VT2PRIB ↗	VT2P	110	255.2	21.2	3	33.2	1431	20
Augusta	A1961 TRE ↗	TRE	111	254.6	19.6	0	33.2	1437	19
Dyna-Gro	D52VC63 ↗	VT2P	112	254.3	22.4	0	33.4	1418	23
Hefty	H6134 RIB ↗	STX	111	253.1	21.4	2	32.9	1418	24
Chemgro	6929RSX ↗	STX	109	251.1	18.8	5	33.4	1423	21
Seedway	SW1162VT ↗	VT2P	111	250.9	20.3	0	33.8	1412	25
Local Seed	LC0607 TCRIB ↗	TRE	106	249.2	17.0	0	34.4	1423	22
Chemgro	6725RDP ↗	VT2P	107	248.0	17.8	3	34.7	1411	26
Augusta	A2362 VT2P ↗	VT2P	112	247.8	20.6	1	33.2	1393	29
Hefty	H5812 RIB ↗	VT2P	108	246.4	19.4	0	34.4	1392	30
Hubner	H6358RCSS ↗	STX	103	245.1	16.9	6	34.2	1400	27
Hefty	H5432 RIB ↗	VT2P	104	244.3	16.7	0	34.2	1397	28

*Robin Kauffman*

Rob Kauffman

rkmait@aol.com, (717) 413-0763

Averages = **247.7** **19.9** **1** **33.4** **1396**

LSD (0.10) = 12.3 0.8 ns

LSD (0.25) = 6.5 0.4 ns

C.V. = 4.7

Historic yield: 164.08 bu/a, 14 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.76

Report Date: 10/19/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

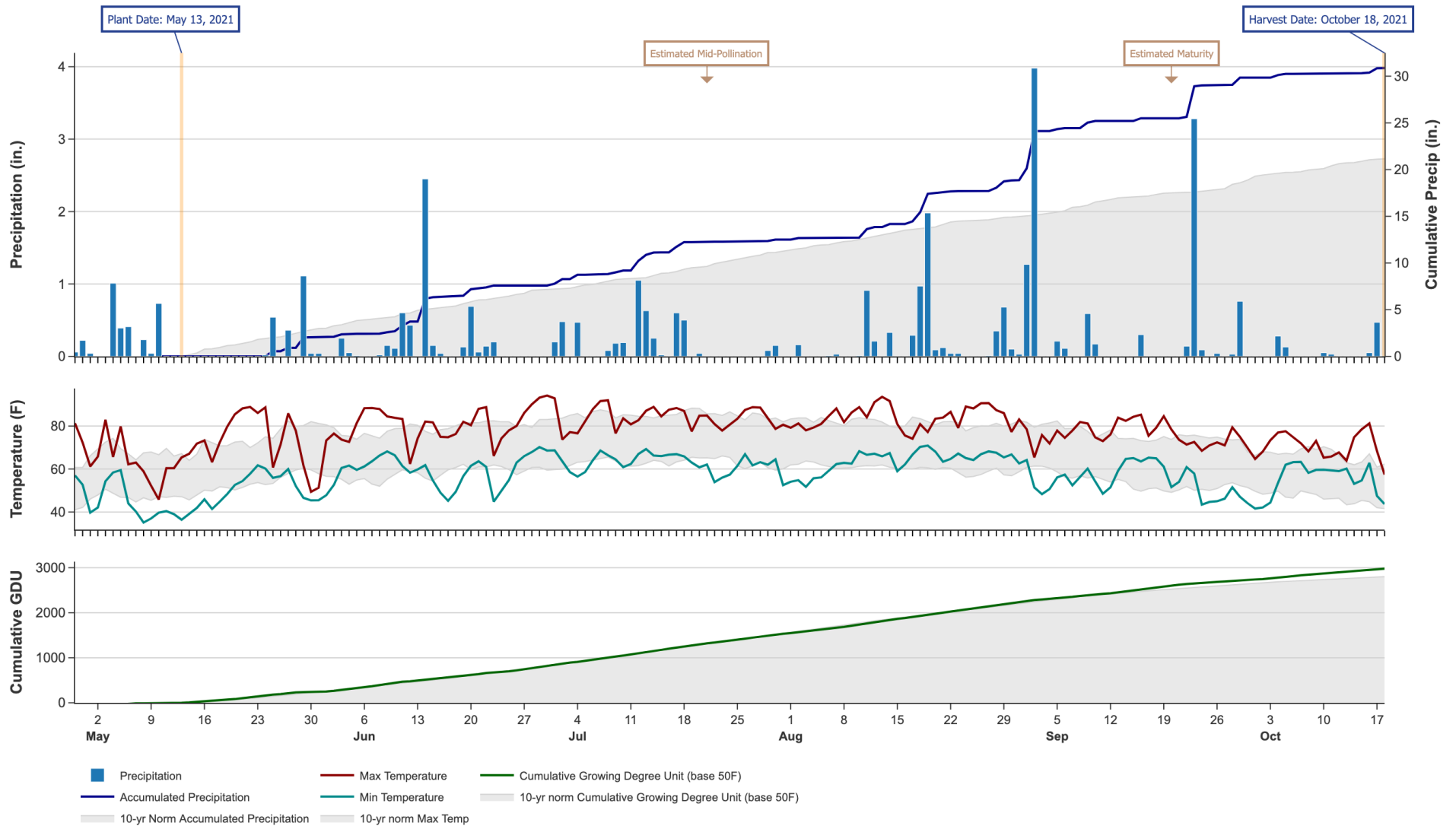
©2021, All rights reserved by Elite Field Genetics, LLC

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

# 2021 Corn - Pennsylvania Central [ PACE ]

## Weather Conditions Summary at MCVEYTOWN, PA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.3   0.2 (+0.1)	5.0   5.2 (-0.3)	5.5   4.1 (+1.3)	4.9   4.2 (+0.8)	6.4   3.7 (+2.7)	11.0   3.9 (+7.0)	1.0   2.3 (-1.3)	34.0   23.6 (+10.4)
GDU   Normal (Diff)	32   10 (+21)	327   373 (-46)	590   558 (+31)	704   739 (-35)	718   649 (+68)	481   450 (+30)	245   148 (+96)	3097   2930 (+166)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2021 Corn - Pennsylvania Central [ PACE ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1059-3110	3110	N	109	CM,C2
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Augusta	A1961 TRE	TRE	N	111	AC,P2
Augusta	A2362 VT2P	VT2P	N	112	CM,C2
Augusta	A3363 VT2PDG	VT2PDG	N	113	CM,C2
Augusta	A4463 VT2P	VT2P	N	113	CM,C2
Chemgro	6505RDP	VT2P	Y	105	AC,P2
Chemgro	6725RDP	VT2P	Y	107	AC,P5
Chemgro	6815RDP	VT2P	Y	108	AC,P2
Chemgro	6929RSX	STX	Y	109	AC,P5
DeKalb	DKC58-64RIB GC	STX	Y	108	Treated
Dyna-Gro	D45TC55	TRE	N	105	AC,P5V
Dyna-Gro	D52VC63	VT2P	N	112	AC,P5V
Hefty	H5432 RIB	VT2P	Y	104	HC
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5944 RIB	STX	Y	109	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6134 RIB	STX	Y	111	HC
Hefty	H6244 RIB	STX	Y	112	HC
Hubner	H05G716	VT2PDG	Y	105	AC,P5,B360
Hubner	H6358RCSS	STX	Y	103	AC,P5
Hubner	H6390RCSS	STX	Y	108	AC,P5
Hubner	H6456RCSS	STX	Y	109	AC,P5
Local Seed	LC0297 VT2PRIB	VT2P	Y	102	RA
Local Seed	LC0518 VT2PRIB	VT2P	Y	105	AC,P5V,EDC-EL
Local Seed	LC0607 TCRIB	TRE	Y	106	RA
Local Seed	LC0707 DGVT2PRIB	VT2PDG	Y	107	RA
Local Seed	LC0918 SXXRIB	STX	Y	109	AC,P5V,EDC-EL
Local Seed	LC0999 VT2PRIB	VT2P	Y	109	RA
Local Seed	LC1009 VT2PRIB	VT2P	Y	110	RA
Mid-Atlantic	MA5083-5122	5122	Y	108	CM,C2
Mid-Atlantic	MA8039	VT2P	Y	103	AC,P2
Mid-Atlantic	MA8042	STX	N	104	AC,P2
Mid-Atlantic	MA8064	VT2P	N	106	AC,P2
Mid-Atlantic	MA8106	VT2P	Y	110	AC,P2
Mid-Atlantic	MA8110	TRE	N	111	AC,P2
Mid-Atlantic	MA8128	VT2P	Y	112	AC,P2
NK Brand	NK0314-5122 EZR	5122	Y	103	AVC,C2,Vi
NK Brand	NK0748-5122 EZR	5122	Y	107	AVC,C2,Vi
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
NK Brand	NK1026-5332 EZR	5332	Y	110	AVC,C5,Vi

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
NK Brand	NK1082-5222A EZR	5222A	Y	110	AVC,C5,Vi
Pioneer	P0806AM GC	AM	Y	108	Lum
Pioneer	P1077AM GC	AM,AQ	Y	110	Lum
Seed Consultants	SC1042Q	QR	Y	104	Lum,P1V
Seed Consultants	SC1071AM	AM	Y	107	Lum,P1V
Seed Consultants	SC1087AM	AM	Y	108	Lum,P1V
Seed Consultants	SC1092AM	AM	Y	109	Lum,P1V
Seed Consultants	SC1112AM	AM	Y	111	Lum,P1V
Seed Consultants	SC1122Q	QR	Y	112	Lum,P1V
Seedway	SW1162VT	VT2P	Y	111	AC,P5
Seedway	SW6340	VT2P	Y	106	AC,P5
Seedway	SW6540	VT2P	Y	109	AC,P5

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<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

---

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,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
5332	Agrisure® Duracade® 5332 (Vip, CB, HX, RW, RW2, LL, GT)
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

---

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

## Corn Seed Treatments\*

---

NA	Not Available
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
RA	Radius 500 (Local Seed Co)
Treated	Treated seed, unspecified

---

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