

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

## 2022 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 B2022PACE04
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Bicep, Atrazine, Capreno
<b>SOIL DESCRIPTION:</b>	Morrison sandy loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, very high K, 5.6 pH, 3.0% OM, 9.0 CEC
<b>PEST MANAGEMENT:</b>	Bicep, Ethos, Roundup
<b>FERTILITY - Applied N:</b>	53 Spring, 100 Sidedress
<b>Applied N-P-K (units):</b>	153-105-150
<b>SEEDED - RATE - ROW:</b>	May 26 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 19 31.5 /A

### TEST COMMENTS:

*Planting conditions were excellent in conventional tillage with good soil moisture and temperature. Emergence was uniform and corn got off to a fast start. Summer was very hot and dry at times. Early summer was dry with just enough rainfall to keep the crop moving. Showers were light for the most part and the soil moisture ran out. Hybrids stayed short and eared very high on the stalk. At harvest, corn was standing nice with mainly tops broken off. Some gray leaf spot was present with anthracnose. The overall rating of the plot is an 8 out of 10. (10=best)*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Revere	0918 SSXRIB ↗	STX	109	<b>214.1</b>	19.3	2	31.2	1568	1
Seedway	SW 0606VT ↗	VT2P	106	<b>200.5</b>	19.8	3	31.5	1466	2
Seed Consultants	SC1053AM ↗	AM	105	<b>200.2</b>	20.3	2	32.0	1461	3
Hubner	H6287RCSS ↗	STX	104	<b>198.6</b>	17.9	3	31.6	1461	4
Hubner	H6390RCSS ↗	STX	108	195.3	20.0	3	30.9	1427	5
Dyna-Gro	D50VC09RIB ↗	VT2P	110	193.1	21.6	1	31.9	1403	7
Chemgro	6535RDD ↗	VT2PDG	105	192.7	19.4	3	31.6	1411	6
Mid-Atlantic	MA8110 ↗	TRE	111	191.9	22.6	3	32.0	1389	9
Seed Consultants	SC1112AM ↗	AM	111	191.9	24.5	1	31.7	1380	10
Hefty	H5764 ↗	STXP	107	191.3	21.6	1	32.3	1390	8
Revere	1125 SSX ↗	STX	111	188.9	22.5	3	31.4	1368	13
DeKalb	DKC58-64RIB GC ↗	STX	108	188.5	21.2	5	31.7	1371	11
Hefty	H5952 ↗	VT2P	109	188.3	24.1	2	31.4	1356	15
NK Brand	NK1026-DVZ ↗	VZ	110	187.5	20.2	1	31.6	1369	12
Pioneer	PO924Q GC ↗	QR	109	186.1	20.1	1	31.0	1359	14
Augusta	A1962 DGVT2P ↗	VT2P	112	185.4	24.7	2	31.6	1333	18
Seedway	SW 1021VT ↗	VT2P	110	185.3	20.1	2	31.6	1353	16
Hubner	H0470S ↗	STX	104	183.4	21.3	1	31.0	1334	17
Mid-Atlantic	MA8108 ↗	VT2P	110	180.8	21.3	2	31.5	1315	19
Chemgro	6815RDP ↗	VT2P	108	180.6	22.6	1	31.7	1308	20
Hefty	H6064 ↗	STX	110	180.0	22.2	1	31.7	1305	21
Augusta	A1961 TRE ↗	TRE	111	179.6	22.5	4	30.9	1301	22
Seedway	SW 6540VT ↗	VT2P	109	179.2	22.5	2	31.0	1298	23
Chemgro	7035RDP ↗	VT2P	110	178.3	21.4	1	31.5	1296	25
NK Brand	NK0696-D ↗	D	106	178.1	22.0	0	30.6	1292	26
Mid-Atlantic	MA8128 ↗	VT2P	112	178.1	23.2	1	30.9	1287	28
Hefty	H6134 ↗	STX	111	177.8	23.1	4	32.0	1285	30
Revere	0707 DGVT2PRIB ↗	VT2PDG	107	177.4	22.3	2	31.0	1286	29
Augusta	A1560 VT2P ↗	VT2P	110	177.4	21.4	0	31.8	1290	27
DeKalb	DKC59-82RIB GC ↗	VT2P	109	176.6	18.1	1	31.1	1298	24

*Robin Kauffman*

Averages = **179.5** **21.6** **2** **31.5** **1277**

LSD (0.10) = 16.9 2.0 ns

LSD (0.25) = 8.9 1.1 ns

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C.V. = 9.0 Historic yield: 173.27 bu/a, 15 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$7.43

Report Date: 11/20/2022

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

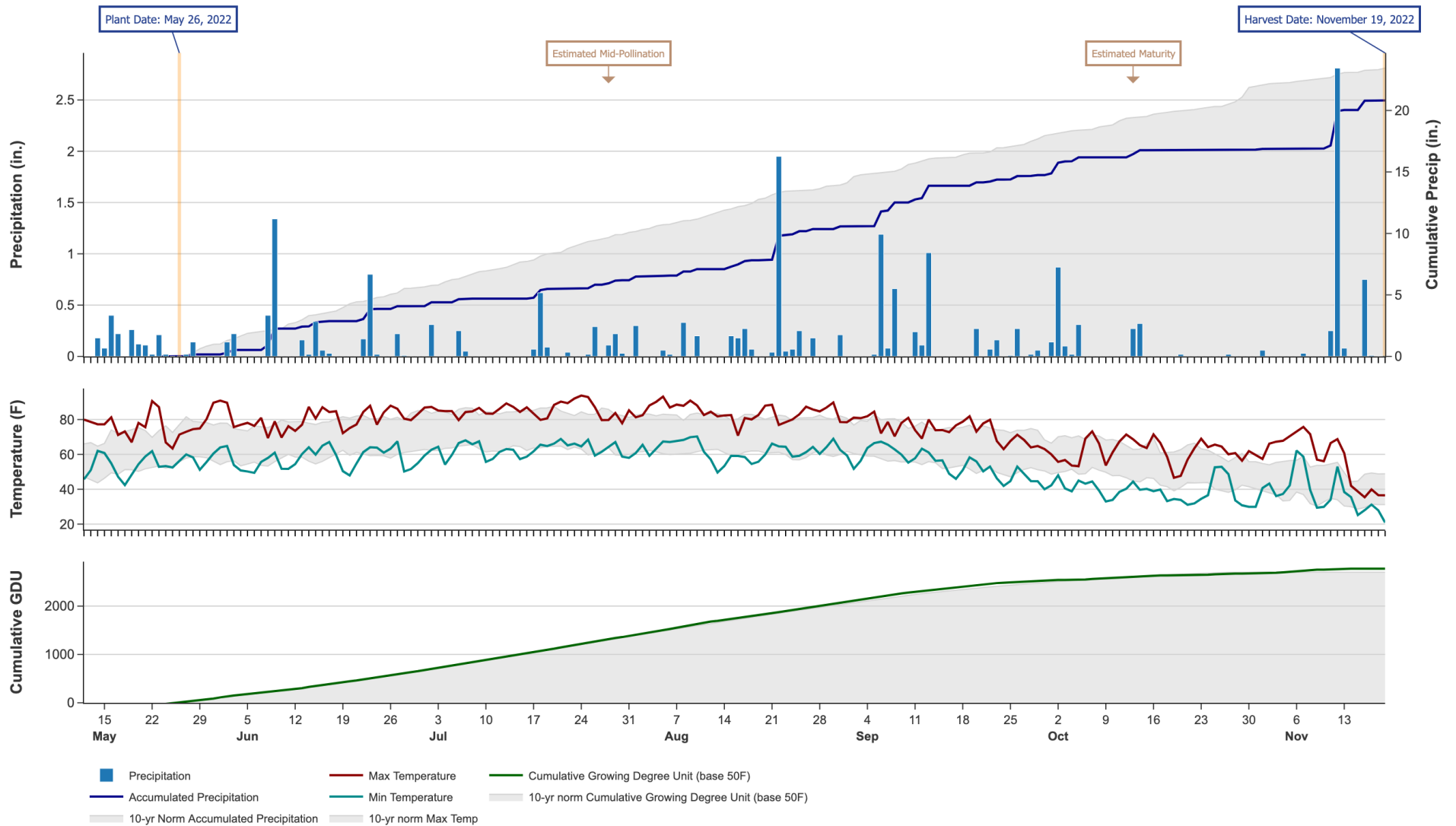
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# 2022 Corn - Pennsylvania Central [ PACE ]

## Weather Conditions Summary at MCVEYTOWN, PA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   Normal (Diff)	1.8   3.2 (-1.4)	3.9   4.6 (-0.7)	2.1   4.5 (-2.4)	4.4   3.9 (+0.5)	4.2   4.0 (+0.2)	2.1   4.0 (-1.9)	4.0   1.5 (+2.5)	22.4   25.6 (-3.2)
GDU   Normal (Diff)	313   265 (+47)	567   554 (+12)	728   732 (-4)	700   659 (+40)	452   454 (-2)	139   209 (-70)	101   0 (+101)	3000   2876 (+123)



\* 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.

## 2022 Corn - Pennsylvania Central [ PACE ]

### All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1359 VT2P	VT2P	N	108	CM,C2
Augusta	A1459	CONV	N	109	AC,P5V
Augusta	A1560 VT2P	VT2P	N	110	AC,P5V
Augusta	A1961 TRE	TRE	N	111	CM,C2
Augusta	A1962 DGVT2P	VT2P	N	112	CM,C2
Augusta	A4463 VT2P	VT2P	N	113	CM,C2,Vi
Chemgro	6535RDD	VT2PDG	Y	105	AC,P5
Chemgro	6725RDP	VT2P	Y	107	AC250
Chemgro	6815RDP	VT2P	Y	108	AC250
Chemgro	6929RSX	STX	Y	109	AC,P5,B360
Chemgro	7035RDP	VT2P	Y	110	CM,C5,Vi
DeKalb	DKC58-64RIB GC	STX	Y	108	AC,P5
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5
Dyna-Gro	D45TC55	TRE	Y*	105	AC,P5V
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	N	110	AC,P5V
Hefty	H5254	STX	N	102	HC
Hefty	H5764	STXP	N	107	HC
Hefty	H5944	STX	N	109	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6064	STX	N	110	HC
Hefty	H6134	STX	N	111	HC
Hefty	H6244	STX	N	112	HC
Hubner	H0470S	STX	Y	104	AC,P5V,B360
Hubner	H6287RCSS	STX	Y	104	AC,P5V,B360
Hubner	H6358RCSS	STX	Y	103	AC,P5,B360
Hubner	H6390RCSS	STX	Y	108	AC,P5V,B360
Mid-Atlantic	MA8108	VT2P	Y	110	AC,P2
Mid-Atlantic	MA8110	TRE	N	111	CM,C5
Mid-Atlantic	MA8128	VT2P	Y	112	AC,P2
NK Brand	NK0696-D	D	Y	106	AVC,C2,Vi,Va
NK Brand	NK1026-DVZ	VZ	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1082-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
Pioneer	PO732Q GC	QR	Y	107	Lum, L1
Pioneer	PO924Q GC	QR	Y	109	Lum
Revere	0297 VT2PRIB	VT2P	Y	102	RA
Revere	0518 VT2PRIB	VT2P	Y	105	RA
Revere	0707 DGVT2PRIB	VT2PDG	Y	107	RA
Revere	0918 SSXRIB	STX	Y	109	RA
Revere	1125 SSX	STX	Y	111	RA
Seed Consultants	SC1053AM	AM	Y	105	Lum

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Seed Consultants	SC1071AM	AM	Y	107	Lum, L1
Seed Consultants	SC1093AM	AM	Y	109	Lum, L1
Seed Consultants	SC1112AM	AM	Y	111	Lum, L1
Seedway	SW 0606VT	VT2P	Y	106	AC,P5
Seedway	SW 1021VT	VT2P	Y	110	AC,P5
Seedway	SW 6540VT	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

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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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AM	Optimum® AcreMax®
CONV	Conventional
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
QR	Qrome™
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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

### Corn Seed Treatments\*

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NA	Not Available
AC250	Acceleron® 250
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,B360	Acceleron® Poncho 500/Votivo with B-360 SAT
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5	Cruisermaxx® 500
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
RA	Radius 500 (Local Seed Co)

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