

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

2023 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] RINGTOWN, PA
Scott Careyva, Schukill County, PA 17967

All-Season Test	102 - 112 Day CRM B2023PACE04
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Leck Kill Channery silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.2 pH, 2.6% OM, 9.0 CEC
PEST MANAGEMENT:	Atrazine, Dual, Mesotrione, Ethos, Xyway, Quilt
FERTILITY - Applied N:	140 Spring, 60 Planter
Applied N-P-K (units):	200-10-60
SEEDED - RATE - ROW:	Jun 8 32.5 /A 30" spacing
HARVESTED - STAND:	Dec 1 31.4 /A

TEST COMMENTS:

The plot started extremely well. Stands and emergence were uniform. Rainfall for the growing season was above normal. Scott mentioned that yields would have been better if they received a little more sunshine and heat during the summer, none the less this still was a very nice plot. The overall rating of the plot is a 9 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hubner	H0881D ↗	VT2P	108	292.7	19.2	3	33.3	1459	1
Chemgro	6725RDP ↗	VT2P	107	291.1	18.7	3	32.7	1455	2
Seed Consultants	SC1094Q ↗	QR	109	282.0	19.2	1	31.3	1406	4
Augusta	A1961 TRE ↗	TRE	111	281.3	19.1	1	31.9	1403	5
Mid-Atlantic	MA6032PWE ↗	PCE	103	281.3	18.0	5	31.8	1411	3
Seed Consultants	SC1093AM ↗	AM	109	277.6	20.4	1	32.7	1376	7
Hefty	H6244 ↗	STX	112	277.4	20.5	1	30.9	1374	8
Revere	0518 VT2PRIB ↗	VT2P	105	276.1	16.6	2	31.6	1395	6
Hubner	H6663RCSS ↗	STX	113	272.9	21.4	1	32.9	1345	14
Augusta	A2061-PWE ↗	PCE	111	272.5	19.5	2	29.5	1356	9
DeKalb	DKC62-70RIB GC ↗	VT2P	112	271.6	19.4	5	31.5	1352	10
Augusta	A2262-3110 ↗	3110	112	271.4	20.6	1	31.9	1343	16
Pioneer	P0859AM GC ↗	AM	108	270.0	19.1	1	29.0	1347	12
Seedway	SW 1021VT ↗	VT2P	110	269.8	19.3	2	30.4	1344	15
Hefty	H6064 ↗	STX	110	269.0	19.7	1	32.4	1338	19
Seed Consultants	SC1122Q ↗	QR	112	268.9	20.2	1	33.6	1334	20
Seedway	SW 0711SS ↗	STX	107	268.8	18.2	2	31.6	1346	13
Revere	0918 VT2PRIB ↗	VT2P	109	268.3	18.8	1	32.0	1340	17
Pioneer	P1136AM GC ↗	AM	111	267.2	21.5	1	29.5	1317	23
Mid-Atlantic	MA8039VT2PRIB ↗	VT2P	103	266.6	16.3	1	30.4	1348	11
Chemgro	6434PC ↗	PCE	104	266.5	17.4	1	32.3	1340	18
Pine Creek	R6018DV GC ↗	DV	110	264.4	20.9	3	31.5	1307	25
Pine Creek	R5315V20 GC ↗	V	103	263.7	18.5	3	32.3	1319	22
Chemgro	6535RDD ↗	VT2PDG	105	262.3	16.7	2	30.6	1324	21
Mid-Atlantic	MA8042VT2PRIB ↗	VT2P	104	259.5	16.9	3	31.2	1309	24
Augusta	A1954 PCE ↗	PCE	104	258.4	17.6	1	30.6	1298	26
Chemgro	7144PC ↗	PCE	111	257.0	19.4	1	32.7	1280	28
Seedway	SW 0987VT ↗	VT2P	109	255.9	19.2	2	30.6	1276	30
Revere	0707 DGVT2PRIB ↗	VT2PDG	107	255.7	18.5	1	32.2	1279	29
Hubner	H0475P ↗	STXP	104	253.8	16.7	2	31.8	1281	27

Robin Kauffman

Averages = **262.3** **18.9** **2** **31.4** **1310**

LSD (0.10) = 15.2 0.4 2

LSD (0.25) = 8.0 0.2 1

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C.V. = 5.5 Historic yield: 235.09 bu/a, 14 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.09

Report Date: 12/02/2023

† 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

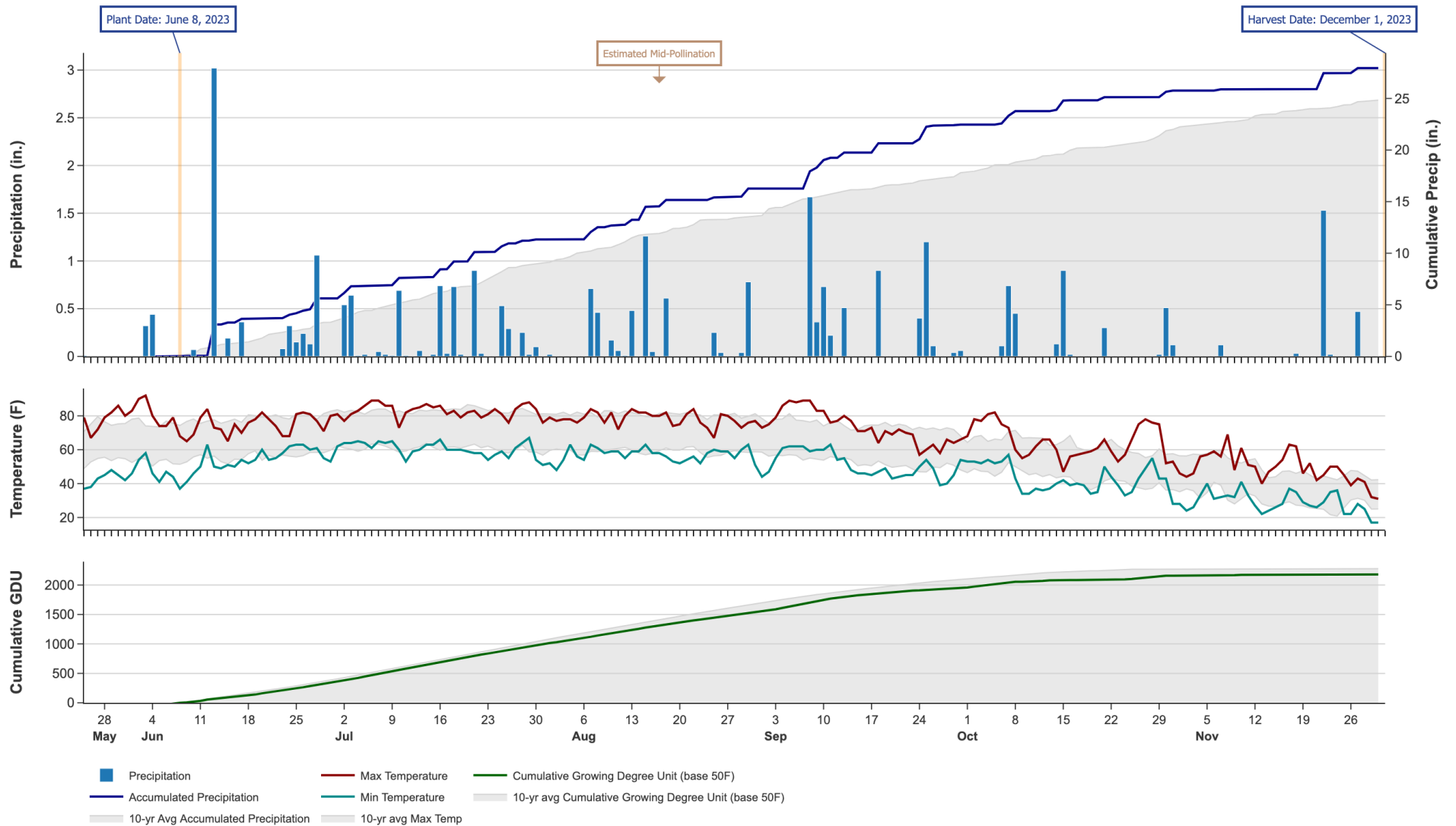
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2023 Corn - Pennsylvania Central [PACE]

Weather Conditions Summary at RINGTOWN, PA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	0.0 1.0 (-1.0)	6.4 4.3 (+2.0)	5.7 5.8 (-0.0)	4.9 4.5 (+0.4)	6.2 4.2 (+2.0)	3.3 4.2 (-0.9)	2.2 2.8 (-0.7)	28.7 26.9 (+1.9)
GDU Avg (Diff)	98 101 (-3)	454 497 (-43)	666 680 (-14)	548 620 (-72)	400 416 (-16)	211 171 (+39)	22 4 (+17)	2399 2492 (-93)



* 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.

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All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1954 PCE	PCE	N	104	CM,C2
Augusta	A1958-DV	DV	N	108	CM,C2
Augusta	A1961 TRE	TRE	N	111	Treated
Augusta	A2061-PWE	PCE	N	111	CM,C2
Augusta	A2262-3110	3110	N	112	CM,C2
Chemgro	6434PC	PCE	N	104	CM,C2,Vi,Va
Chemgro	6535RDD	VT2PDG	Y	105	AC,P2
Chemgro	6725RDP	VT2P	Y	107	AC250
Chemgro	7035RDP	VT2P	Y	110	AC250
Chemgro	7144PC	PCE	N	111	CM,C2,Vi,Va
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5V,EDC-EL
Golden Harvest	G08B38-AA	AA	Y	108	CM,C5,Va
Hefty	H5444	STX	N	104	HC
Hefty	H5674	STXP	Y	106	HC
Hefty	H6064	STX	N	110	HC
Hefty	H6244	STX	N	112	NA
Hubner	H0475P	STXP	Y	104	AC,P5V,B360
Hubner	H0881D	VT2P	Y	108	AC,P5,B360
Hubner	H6390RCSS	STX	Y	108	AC,P5V,B360
Hubner	H6663RCSS	STX	Y	113	AC,P5V
Mid-Atlantic	MA6032PWE	PCE	N	103	CM,C2
Mid-Atlantic	MA8039VT2PRIB	VT2P	Y	103	AC,P2
Mid-Atlantic	MA8042VT2PRIB	VT2P	Y*	104	AC,P2
Pine Creek	R5315V20 GC	V	N*	103	Treated
Pine Creek	R5318DV GC	DV	N*	105	Treated
Pine Creek	R5327D	D	Y	103	Treated
Pine Creek	R5917D	D	Y	109	Treated
Pine Creek	R6018DV GC	DV	N*	110	Treated
Pioneer	P0487Q GC	QR	Y	104	Lum
Pioneer	P0859AM GC	AM	Y	108	Lum
Pioneer	P1136AM GC	AM	Y	111	Lum
Revere	0297 VT2PRIB	VT2P	Y	102	Treated
Revere	0518 VT2PRIB	VT2P	Y	105	Treated
Revere	0707 DGVT2PRIB	VT2PDG	Y	107	Treated
Revere	0918 VT2PRIB	VT2P	Y	109	Treated
Seed Consultants	SC1093AM	AM	Y	109	Lum, L1
Seed Consultants	SC1094Q	QR	Y	109	Lum, L1
Seed Consultants	SC1112AM	AM	Y	111	Lum, L1
Seed Consultants	SC1122Q	QR	Y	112	Lum, L1
Seedway	SW 0711SS	STX	Y	107	AC,P5
Seedway	SW 0987VT	VT2P	Y	109	AC,P5
Seedway	SW 1021VT	VT2P	Y	110	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

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

Corn Technologies

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
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
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®

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

Corn Seed Treatments*

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
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.