

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

2023 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] CENTRE HALL, PA
Wade Wolfe, Center County, PA 16828

All-Season Test	102 - 112 Day CRM B2023PACE06
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Bicep li, Glyphosate
SOIL DESCRIPTION:	Hagerstown silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, medium K, 5.2 pH, 3.8% OM, 14.0 CEC
PEST MANAGEMENT:	Bicep li, Glyphosate, Ethos, Xyway
FERTILITY - Applied N:	195 Spring
Applied N-P-K (units):	195-45-150
SEEDED - RATE - ROW:	May 23 32.5 /A 30" spacing
HARVESTED - STAND:	Nov 17 30.8 /A

TEST COMMENTS:

Planting conditions were extremely dry and hard. Not sure if we would get the seed deep enough for germination, but thanks to Precision Delta Force, stands were better than expected. Wade said the only dry time during the summer was at wheat harvest, mid-July range. Other than that rainfall was excellent. Corn was standing nice at harvest and except for some high moistures and spongy cobs it went off well. 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
Chemgro	6535RDD ↗	VT2PDG	105	246.2	22.2	1	31.7	1209	1
Seed Consultants	SC1093AM ↗	AM	109	242.2	28.2	1	32.8	1153	3
Hefty	H6244 ↗	STX	112	239.4	25.9	1	31.5	1154	2
Mid-Atlantic	MA8042VT2PRIB ↗	VT2P	104	232.5	21.5	2	31.1	1146	4
Hefty	H6064 ↗	STX	110	230.3	26.2	2	29.4	1108	5
Augusta	A1961 TRE ↗	TRE	111	228.6	26.1	1	29.3	1100	6
Seed Consultants	SC1112AM ↗	AM	111	227.6	26.3	1	31.2	1094	10
Seedway	SW 1021VT ↗	VT2P	110	226.9	25.3	1	32.0	1097	9
Seed Consultants	SC1094Q ↗	QR	109	226.8	24.7	1	31.0	1099	8
Chemgro	6725RDP ↗	VT2P	107	225.9	23.8	3	31.2	1100	7
DeKalb	DKC62-70RIB GC ↗	VT2P	112	225.0	26.7	1	29.7	1079	12
Seedway	SW 0987VT ↗	VT2P	109	223.3	25.5	1	32.3	1078	13
Hubner	H0881D ↗	VT2P	108	223.3	26.5	1	28.8	1072	14
Pioneer	P1136AM GC ↗	AM	111	222.9	28.4	1	29.9	1060	17
Revere	0918 VT2PRIB ↗	VT2P	109	222.5	27.4	1	29.0	1063	15
Revere	0518 VT2PRIB ↗	VT2P	105	220.9	21.6	2	29.7	1088	11
Revere	0707 DGVT2PRIB ↗	VT2PDG	107	218.9	24.3	1	31.8	1063	16
Golden Harvest	G08B38-AA ↗	AA	108	214.8	25.6	1	29.2	1036	21
Pine Creek	R5917D ↗	D	109	212.7	23.5	4	32.4	1037	20
Hubner	H6663RCSS ↗	STX	113	212.0	30.0	1	31.6	1000	28
Pine Creek	R5327D ↗	D	103	211.3	21.4	3	32.4	1042	18
Chemgro	6434PC ↗	PCE	104	211.2	21.6	4	31.0	1040	19
Pioneer	P0487Q GC ↗	QR	104	210.6	22.5	2	31.3	1032	25
Augusta	A1954 PCE ↗	PCE	104	210.3	21.7	3	31.5	1035	22
Pioneer	P0859AM GC ↗	AM	108	210.2	26.3	1	32.2	1010	27
Mid-Atlantic	MA6032PWE ↗	PCE	103	210.1	22.0	2	31.8	1033	24
Hubner	H0475P ↗	STXP	104	209.3	21.0	2	31.4	1034	23
Mid-Atlantic	MA8039VT2PRIB ↗	VT2P	103	204.2	20.6	3	31.4	1011	26
Hefty	H5444 ↗	STX	104	201.4	20.3	1	29.7	998	29
Hefty	H5674 ↗	STXP	106	201.3	21.3	1	30.7	993	30

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Averages = **213.8** **24.4** **2** **30.8** **1037**

LSD (0.10) = 15.1 1.2 1

LSD (0.25) = 7.9 0.6 1

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C.V. = 6.7 Historic yield: 185.08 bu/a, 19 yr(s)

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

Report Date: 11/21/2023

† 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

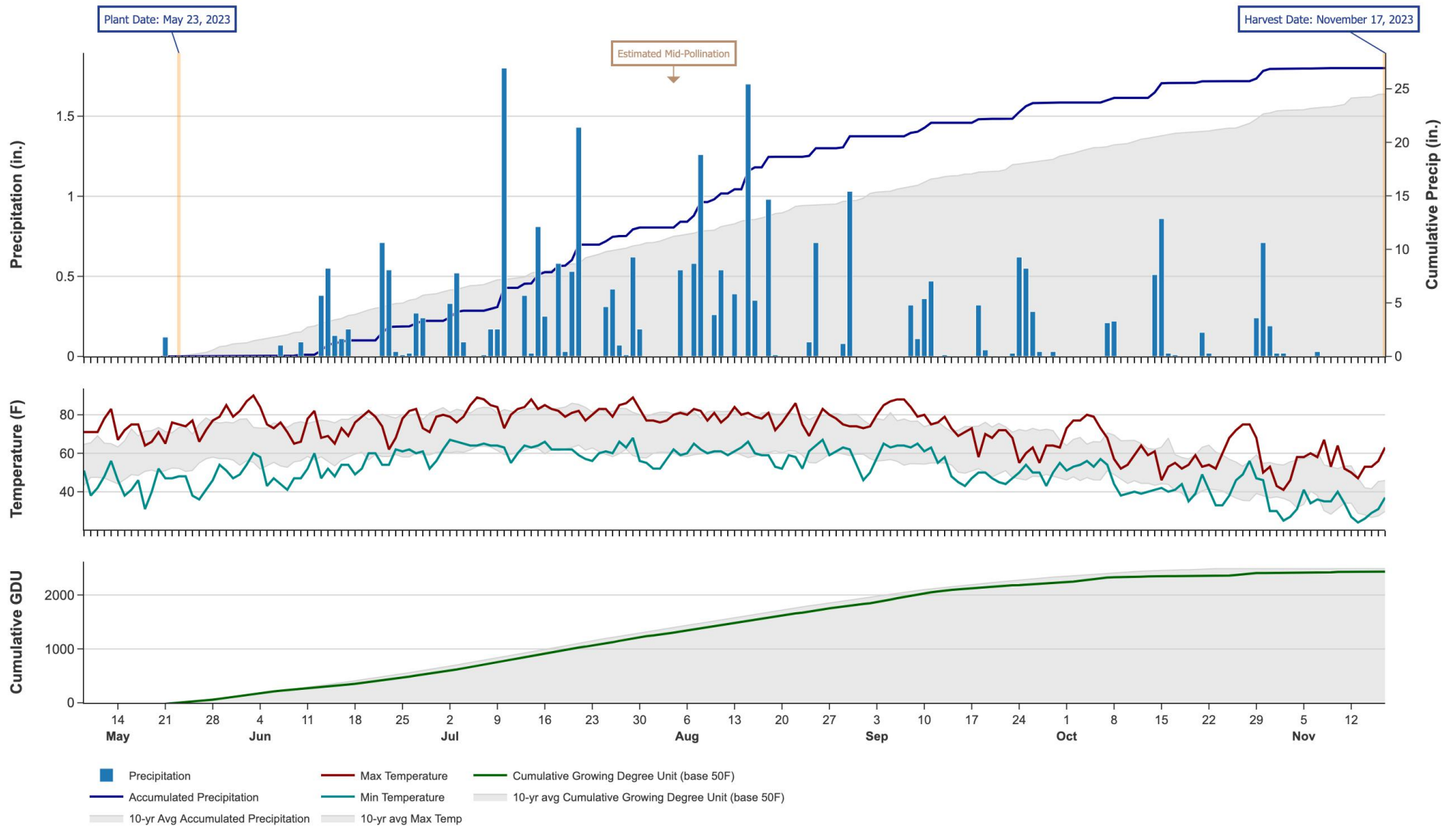
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Weather Conditions Summary at CENTRE HALL, PA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	0.1 3.2 (-3.1)	3.3 4.7 (-1.4)	8.7 4.8 (+4.0)	8.5 4.0 (+4.5)	3.2 4.1 (-1.0)	3.1 4.0 (-0.9)	0.1 1.8 (-1.7)	27.1 26.6 (+0.5)
GDU Avg (Diff)	270 267 (+2)	446 515 (-69)	682 677 (+4)	587 618 (-31)	400 405 (-5)	186 147 (+38)	26 0 (+26)	2597 2632 (-35)



* 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.