

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

2023 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] CORDOVA, MD

Kyle Hutchinson, Talbot County, MD

All-Season Test	106 - 116 Day CRM B2023DMNO14
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate
SOIL DESCRIPTION:	Fallsington loam, mod. poorly drained, irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 5.3 pH, 2.1% OM, 9.4 CEC
PEST MANAGEMENT:	Atrazine, Dual, Impact, Ethos, Xyway, Approach, Bifenthrin, Veltyma
FERTILITY - Applied N:	145 Spring, 15 Planter, 100 Sidedress, 42# Sulfur
Applied N-P-K (units):	260-35-88
SEEDED - RATE - ROW:	May 8 32.5 /A 30" spacing
HARVESTED - STAND:	Oct 2 31.4 /A

TEST COMMENTS:

Excellent planting conditions. Corn emerged uniformly and got off to a great start. With pivot irrigation, this plot was never stressed. Weed and disease control were excellent. 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
Channel	213-19STXRIB GC ↗	STX	113	300.6	23.3	2	31.2	1540	1
Dyna-Gro	D56TC44RIB ↗	TRE	116	300.4	23.7	1	31.5	1536	2
DeKalb	DKC62-70RIB GC ↗	VT2P	112	297.0	22.8	1	32.0	1525	3
Pioneer	P1136AM GC ↗	AM	111	291.8	21.7	2	30.5	1507	4
Chemgro	7525RDP ↗	VT2P	115	289.0	26.4	7	32.0	1458	12
Revere	0918 VT2PRIB ↗	VT2P	109	288.4	22.3	2	31.8	1485	5
Mid-Atlantic	MA8136DGV2PRIB ↗	VT2PDG	113	288.1	23.2	2	30.8	1477	8
Hubner	H1880D ↗	VT2P	118	287.5	26.2	8	32.1	1452	14
Axis	65W75 GC ↗	TRE	115	286.4	25.6	17	31.1	1451	15
Hubner	H09G056 ↗	VT2PDG	109	286.0	21.2	2	31.0	1480	7
Pioneer	P0859AM GC ↗	AM	108	286.0	21.1	1	31.0	1481	6
Hubner	H13G513 ↗	VT2PDG	113	285.6	22.6	1	32.3	1468	9
Augusta	A1961 TRE ↗	TRE	111	284.3	22.7	1	32.1	1461	10
Seed Consultants	SC1134AM ↗	AM	113	283.9	22.8	5	31.9	1458	13
Golden Harvest	G10B61-AA ↗	AA	110	283.8	22.5	2	31.7	1459	11
Mid-Atlantic	MA8110TRECIB ↗	TRE	111	281.1	22.3	1	31.0	1447	16
Hubner	H4763RC2P ↗	VT2P	115	278.8	24.6	3	30.8	1419	20
Seed Consultants	SC1094Q ↗	QR	109	278.6	22.8	1	32.5	1430	17
Revere	1627 TCRIB ↗	TRE	116	278.3	23.6	4	31.5	1423	18
Revere	1307 TCRIB ↗	TRE	113	275.2	21.7	1	31.3	1421	19
Mid-Atlantic	MA6153PWE ↗	PCE	115	274.8	23.4	1	31.8	1407	22
Dyna-Gro	D53VC54RIB ↗	VT2P	113	274.7	22.4	2	30.7	1413	21
Chemgro	7444PC ↗	PCE	114	273.7	22.6	2	31.5	1407	23
Seed Consultants	SC1154AM ↗	AM	115	273.0	23.7	2	31.5	1396	25
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	272.9	23.8	3	32.0	1395	26
Mid-Atlantic	MA5124VIP3110 ↗	3110	112	271.5	22.6	1	30.7	1395	27
Mid-Atlantic	MA6094PWE ↗	PCE	109	271.4	21.3	1	31.7	1404	24
Seed Consultants	SC1112AM ↗	AM	111	269.3	21.7	1	30.9	1390	28
Augusta	A7162 VT2P ↗	VT2P	112	268.2	22.1	6	31.5	1382	29
Augusta	A2264-PWE ↗	PCE	114	268.1	22.8	7	31.6	1376	30

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Averages = **274.1** **23.0** **3** **31.4** **1406**

LSD (0.10) = 17.7 1.4 4

LSD (0.25) = 9.3 0.7 2

C.V. = 6.1

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.33

Report Date: 10/07/2023

† 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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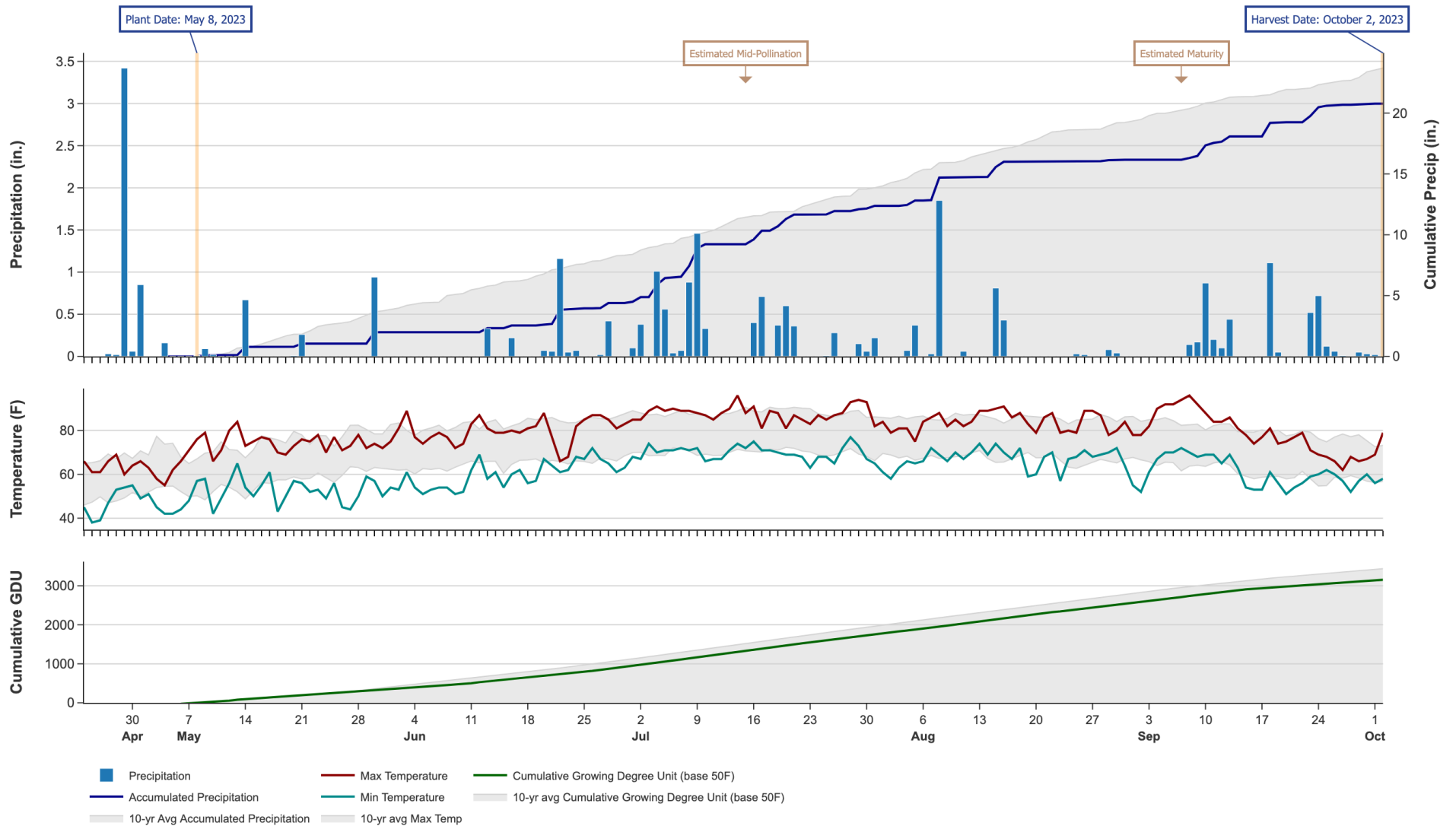
Additional reports available at www.firstseedtests.com

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Weather Conditions Summary at CORDOVA, MD

Weather Data Retrieved: 10/07/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	3.5 1.1 (+2.4)	3.0 5.3 (-2.3)	2.4 4.6 (-2.2)	8.0 5.5 (+2.5)	3.8 5.4 (-1.6)	4.6 4.2 (+0.4)	0.0 0.3 (-0.3)	25.3 26.4 (-1.1)
GDU Avg (Diff)	49 60 (-11)	384 469 (-85)	590 720 (-130)	854 867 (-13)	780 817 (-37)	576 626 (-50)	31 29 (+1)	3264 3591 (-327)



* 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	A1365-PWE	PCE	N	115	CM,C2
Augusta	A1961 TRE	TRE	N	111	Treated
Augusta	A1964-3110	3110	N	114	CM,C2
Augusta	A2164-PWE	PCE	N	114	CM,C2
Augusta	A2262-3110	3110	N	112	CM,C2
Augusta	A2264-PWE	PCE	N	114	CM,C2
Augusta	A7162 VT2P	VT2P	N	112	CM,C2
Axis	64M20	VT2P	Y	114	Treated
Axis	65W75	TRE	Y	115	Treated
Channel	213-19STXRIB	STX	Y	113	AC,P2V
Channel	214-78DGV2PRIB	VT2PDG	Y	114	AC,P2V
Chemgro	7335RDD	VT2PDG	Y	113	AC250
Chemgro	7444PC	PCE	N	114	CM,C2,Vi,Va
Chemgro	7525RDP	VT2P	Y	115	AC250
DeKalb	DKC62-70RIB	VT2P	Y	112	AC,P5V,EDC-EL
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C1,Va
Golden Harvest	G16Q82-AA	AA	Y	116	CM,C5,Va
Hefty	H6244	STX	N	112	NA
Hubner	H09G056	VT2PDG	Y	109	AC,P5,B360
Hubner	H13G513	VT2PDG	Y	113	AC,P5,B360
Hubner	H1880D	VT2P	Y	118	AC,P5,B360
Hubner	H4763RC2P	VT2P	Y	115	AC,P2,B360
Mid-Atlantic	MA5124VIP3110	3110	N	112	CM,C2
Mid-Atlantic	MA6094PWE	PCE	N	109	CM,C2
Mid-Atlantic	MA6148PWE	PCE	N	114	CM,C2
Mid-Atlantic	MA6153PWE	PCE	N	115	CM,C2
Mid-Atlantic	MA8108VT2PRIB	VT2P	Y	110	AC,P2
Mid-Atlantic	MA8110TRECIB	TRE	Y*	111	AC,P2
Mid-Atlantic	MA8136DGV2PRIB	VT2PDG	Y	113	AC,P2
Pioneer	P0859AM	AM	Y	108	Lum
Pioneer	P1136AM	AM	Y	111	Lum
Revere	0918 VT2PRIB	VT2P	Y	109	Treated
Revere	1307 TCRIB	TRE	Y	113	Treated
Revere	1627 TCRIB	TRE	Y	116	Treated
Seed Consultants	SC1094Q	QR	Y	109	Lum, L1
Seed Consultants	SC1112AM	AM	Y	111	Lum, L1
Seed Consultants	SC1122Q	QR	Y	112	Lum, L1
Seed Consultants	SC1134AM	AM	Y	113	Lum, L1
Seed Consultants	SC1154AM	AM	Y	115	Lum, L1

* 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
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
TRE	Trecepta®
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,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2V	Acceleron® Poncho 250/Votivo
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,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.