

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

## 2022 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] WARWICK, MD  
Jonathan Quinn, Cecil County, MD 21912

<b>All-Season Test</b>	106 - 116 Day CRM B2022DMNO17
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / NA
<b>SOIL DESCRIPTION:</b>	Matapeake silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, high K, 6.0 pH, 2.0% OM, 7.5 CEC
<b>PEST MANAGEMENT:</b>	Glyphosate, Cinch Atz, Valor, Atrazine, Ethos
<b>FERTILITY - Applied N:</b>	120 Spring, 15 Planter, 60 Sidedress
<b>Applied N-P-K (units):</b>	195-120-175
<b>SEEDED - RATE - ROW:</b>	May 31 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 22 32.4 /A

### TEST COMMENTS:

The plot started well. Good soil moisture and temperatures got corn off to a fast start. Then a hot and dry summer cut into the yields and added a lot of variability to the plot. A thunderstorm caused some green snap to two hybrids but also supplied needed rainfall. The lower-lying part of the field seemed to benefit the most. At harvest, some hybrids were starting to break right at ear level but in general, harvested alright. The overall rating of the plot is a 6 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Axis	59R27RIB GC ↗	VT2P	111	<b>218.2</b>	18.2	2	32.2	1582	1
Augusta	A7162 VT2P ↗	VT2P	112	<b>193.7</b>	16.8	3	32.8	1411	2
Revere	1577 VT2PRIB ↗	VT2P	115	<b>190.4</b>	18.3	2	32.5	1380	4
Golden Harvest	G15J91-V ↗	V	115	<b>190.0</b>	19.6	4	32.5	1371	6
Augusta	A1465 VT2P ↗	VT2P	112	<b>189.9</b>	17.3	0	32.1	1381	3
Seed Consultants	SC1122Q ↗	QR	112	<b>188.8</b>	16.5	3	32.0	1377	5
Great Heart	HT-7541TRE ↗	TRE	115	<b>184.4</b>	18.4	2	33.2	1336	7
Augusta	A7168 VT2P ↗	VT2P	116	<b>180.1</b>	19.0	3	32.6	1302	9
Hubner	H4828RC2P ↗	VT2P	116	<b>179.8</b>	17.1	5	32.5	1308	8
Chemgro	7505RDP ↗	VT2P	115	<b>178.1</b>	17.3	6	32.6	1295	10
Augusta	A3363 VT2PDG ↗	VT2PDG	113	<b>175.1</b>	16.3	6	32.1	1278	11
Hubner	H1880D ↗	VT2P	118	<b>172.7</b>	17.8	4	32.3	1254	12
Revere	1525 V ↗	V	115	<b>171.8</b>	18.5	2	32.1	1244	14
Mid-Atlantic	MA8136 ↗	VT2PDG	113	<b>170.9</b>	16.1	6	32.3	1248	13
Mid-Atlantic	MA8108 ↗	VT2P	110	<b>170.1</b>	16.7	4	31.8	1240	15
Hubner	H09G056 ↗	VT2PDG	109	<b>169.0</b>	15.7	7	32.5	1236	16
Great Heart	HT-7499TRE ↗	TRE	114	<b>168.3</b>	17.1	6	32.6	1225	17
Chemgro	7525RDP ↗	VT2P	115	<b>168.1</b>	17.9	4	32.5	1220	19
Seed Consultants	SC1093AM ↗	AM	109	<b>167.7</b>	16.6	9	33.0	1223	18
Augusta	A1964-3110 ↗	3110	114	<b>166.9</b>	17.5	3	32.1	1213	22
Mid-Atlantic	MA8145 ↗	VT2P	114	<b>166.5</b>	17.2	5	32.9	1211	23
Hubner	H4763RC2P ↗	VT2P	115	<b>166.5</b>	16.6	6	32.4	1214	21
Hubner	H13G513 ↗	VT2PDG	113	<b>166.3</b>	15.9	6	32.4	1215	20
Chemgro	7335RDD ↗	VT2PDG	113	<b>165.5</b>	16.3	10	32.2	1208	24
MorCorn	MC 4161 ↗	VT2PDG	111	<b>165.4</b>	16.5	18	33.2	1206	25
DeKalb	DKC61-41RIB GC ↗	VT2P	111	<b>164.4</b>	16.1	10	33.0	1201	26
Revere	1307 TCRIB ↗	TRE	113	<b>162.8</b>	16.3	10	32.6	1188	27
Augusta	A1961 TRE ↗	TRE	111	<b>161.9</b>	15.9	5	32.5	1183	28
Revere	1125 SSX ↗	STX	111	<b>161.9</b>	17.0	9	32.3	1178	30
Revere	0707 DGVT2PRIB ↗	VT2PDG	107	<b>161.3</b>	15.6	5	32.5	1180	29

*Robin Kauffman*

Averages = **162.9** **16.7** **6** **32.4** **1189**

LSD (0.10) = 16.7 0.8 5

LSD (0.25) = 8.8 0.4 2

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C.V. = 9.7 Historic yield: 182.65 bu/a, 20 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$7.33

Report Date: 11/14/2022

† 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

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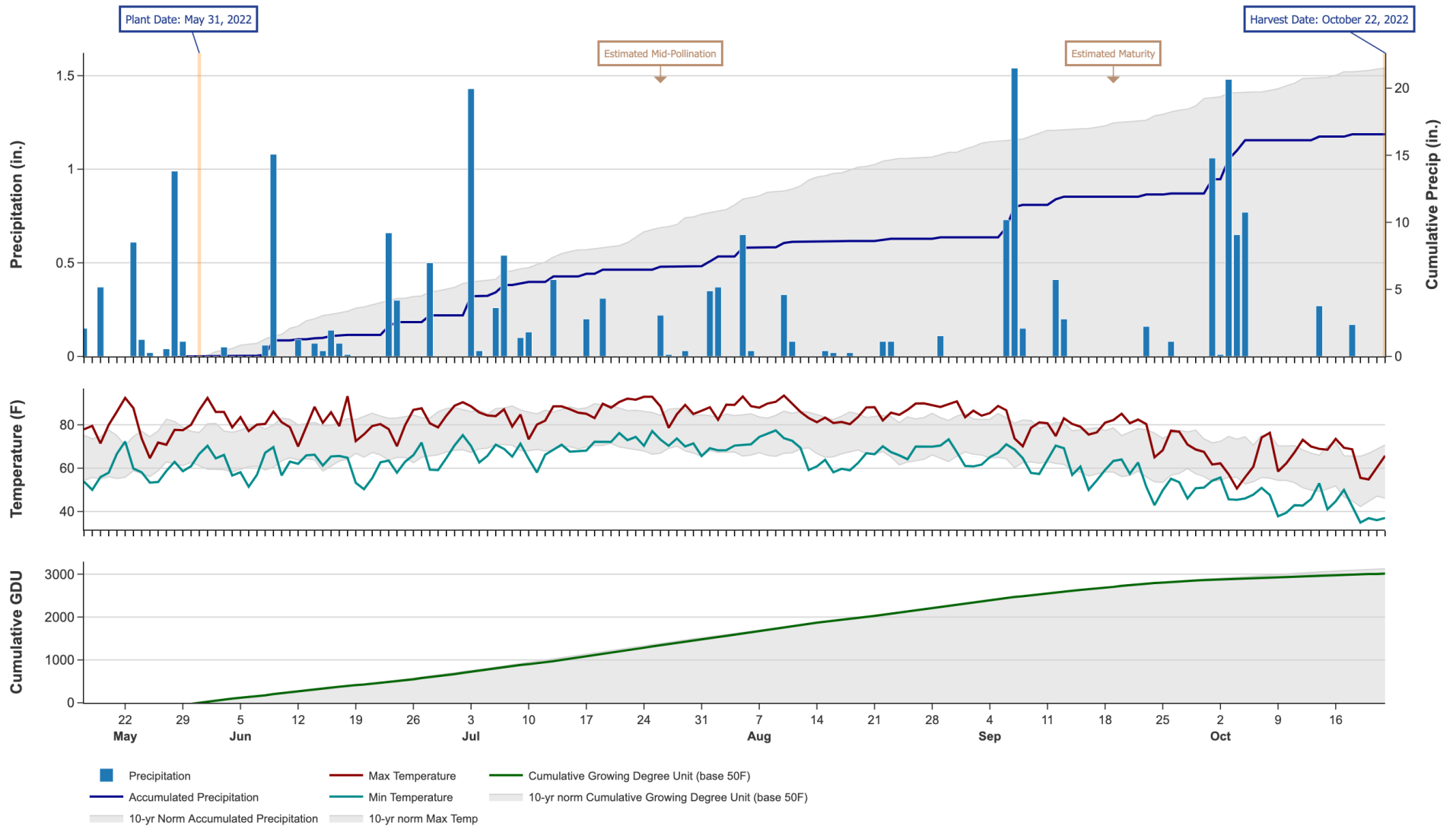
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2022 Corn - Delaware Maryland North [ DMNO ]

## Weather Conditions Summary at WARWICK, MD

Weather Data Retrieved: 11/14/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	2.4   2.2 (+0.2)	3.1   5.0 (-2.0)	3.7   5.6 (-1.9)	2.1   4.6 (-2.5)	3.3   4.0 (-0.7)	4.4   2.3 (+2.2)	18.9   23.7 (-4.8)
GDU   Normal (Diff)	279   259 (+19)	640   668 (-28)	841   846 (-5)	817   777 (+39)	565   584 (-19)	150   248 (-98)	3292   3386 (-94)



\* 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 - Delaware Maryland North [ DMNO ]

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1359 VT2P	VT2P	N	108	CM,C2
Augusta	A1465 VT2P	VT2P	N	112	AC,P5V
Augusta	A1961 TRE	TRE	N	111	CM,C2
Augusta	A1964-3110	3110	N	114	CM,C2
Augusta	A3363 VT2PDG	VT2PDG	N	113	CM,C2
Augusta	A7162 VT2P	VT2P	N	112	CM,C2,Vi
Augusta	A7168 VT2P	VT2P	N	116	CM,C2,Vi
Axis	59R27RIB GC	VT2P	Y*	111	Treated
Chemgro	7335RDD	VT2PDG	Y	113	AC250
Chemgro	7505RDP	VT2P	Y	115	AC250
Chemgro	7525RDP	VT2P	Y	115	AC250
DeKalb	DKC61-41RIB GC	VT2P	Y	111	AC,P5
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Great Heart	HT-7499TRE	TRE	Y	114	Treated
Great Heart	HT-7541TRE	TRE	Y	115	Treated
Hubner	H0881D	VT2P	Y	108	AC,P5,B360
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
Hubner	H4828RC2P	VT2P	Y	116	AC,P5,B360
Mid-Atlantic	MA8108	VT2P	Y	110	AC,P2
Mid-Atlantic	MA8110	TRE	N	111	CM,C5
Mid-Atlantic	MA8136	VT2PDG	Y	113	AC,P2
Mid-Atlantic	MA8141	VT2PDG	N	114	CM,C5
Mid-Atlantic	MA8145	VT2P	Y	114	AC,P2
MorCorn	MC 4161	VT2PDG	N	111	AC,P1
MorCorn	MC 4311	TRE	N	113	AC,P1
MorCorn	MC 4527	VT2P	N	115	AC,P1
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
NK Brand	NK1677-3110	3110	N	116	AVC,C2,CM,C5,Vi,Va
Pioneer	P1136AM GC	AM	Y	111	Lum
Pioneer	PO924Q GC	QR	Y	109	Lum
Revere	0707 DGVT2PRIB	VT2PDG	Y	107	RA
Revere	0918 SSXRIB	STX	Y	109	RA
Revere	1125 SSX	STX	Y	111	RA
Revere	1307 TCRIB	TRE	Y	113	RA

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Revere	1398 VT2PRIB	VT2P	Y	113	RA
Revere	1525 V	V	Y	115	RA
Revere	1577 VT2PRIB	VT2P	Y	115	RA
Seed Consultants	SC1093AM	AM	Y	109	Lum, L1
Seed Consultants	SC1112AM	AM	Y	111	Lum, L1
Seed Consultants	SC1122Q	QR	Y	112	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

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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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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
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
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,P1	Acceleron® 1250
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5	Cruisermaxx® 500
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
RA	Radius 500 (Local Seed Co)
Treated	Treated seed, unspecified

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