

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

## 2021 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] PUNGOTEAGUE, VA  
Larry Custis, Accomack County, VA 23422

<b>All-Season Test</b>	106 - 116 Day CRM B2021DMNO16
<b>Top 30 of 53</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Liberty
<b>SOIL DESCRIPTION:</b>	sand, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, medium K, 5.1 pH, 1.3% OM, 4.0 CEC
<b>PEST MANAGEMENT:</b>	Halexgt, Xyway, Ethos
<b>FERTILITY - Applied N:</b>	150 Spring, 10 Planter
<b>Applied N-P-K (units):</b>	160-21-10
<b>SEEDED - RATE - ROW:</b>	May 24 28.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 5 29.3 /A

### TEST COMMENTS:

Planting conditions were excellent, with soil temperature at 59.5F and soil moisture at 37.7%. Corn was up in about a week and looked good for most of the summer. Rainfall and temperatures were above average for the whole growing season. Weed control was good. Disease pressure was heavy, ear smut was as bad as I have seen in years, some hybrids had almost 50% ears infected. Bad timing of rain and pollination caused this problem. Standability was good with only a few broken stalks and tops starting to go down. The overall rating of the plot was 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
Dyna-Gro	D54VC34 ↗	VT2P	114	<b>219.2</b>	20.8	0	30.2	1242	1
Hefty	H6354 ↗	STX	113	<b>215.4</b>	18.4	0	29.2	1233	2
Chemgro	7615RDP ↗	VT2P	116	<b>214.8</b>	19.5	0	28.5	1224	3
Great Heart	HT-7425DGV2P ↗	VT2PDG	114	<b>212.9</b>	20.4	0	29.9	1208	4
MorCorn	MC 4319 ↗	VT2P	113	<b>210.9</b>	20.3	3	29.9	1198	5
Hubner	H13G513 ↗	VT2PDG	113	<b>209.8</b>	19.3	0	30.1	1196	6
Hefty	H6552 ↗	VT2P	115	<b>202.9</b>	22.4	0	30.3	1141	11
Augusta	A3363 VT2PDG ↗	VT2PDG	113	200.8	19.1	0	28.3	1146	8
Seed Consultants	SC1112AM ↗	AM	111	200.7	18.8	0	29.2	1147	7
Local Seed	LC1307 TCRIB ↗	TRE	113	199.9	18.2	1	29.8	1145	9
Hefty	H6244 RIB ↗	STX	112	199.8	19.8	0	28.0	1137	12
Mid-Atlantic	MA8110 ↗	TRE	111	199.7	18.6	0	30.1	1142	10
MorCorn	MC 4311 ↗	TRE	113	198.1	18.6	1	29.5	1133	13
Chemgro	7505RDP ↗	VT2P	115	197.2	18.9	1	28.9	1126	15
Hefty	H5944 RIB ↗	STX	109	197.1	17.5	0	29.0	1133	14
Mid-Atlantic	MA5155 ↗	3111	115	195.4	20.6	0	28.6	1108	16
Dyna-Gro	D55VC80 ↗	VT2P	115	194.5	20.2	0	30.1	1105	17
Augusta	A1961 TRE ↗	TRE	111	192.1	18.1	0	30.4	1101	18
Hubner	H4890RC2P ↗	VT2P	117	189.4	21.7	0	29.3	1069	20
Augusta	A7162 VT2P ↗	VT2P	112	189.0	19.3	0	30.2	1078	19
Mid-Atlantic	MA8158 ↗	STX	115	187.3	21.5	0	28.0	1058	25
Local Seed	LC1407 VT2PRIB ↗	VT2P	114	186.6	18.9	1	29.3	1066	22
Augusta	A1165 VT2P ↗	VT2P	115	185.6	20.1	0	30.5	1055	26
Hubner	H09G056 ↗	VT2PDG	109	185.3	17.2	0	29.2	1066	23
MorCorn	MC 3952 ↗	VT2P	109	185.3	16.8	0	28.4	1068	21
Hefty	H6134 RIB ↗	STX	111	184.7	19.4	0	28.4	1053	28
Great Heart	HT-7447VT2P ↗	VT2P	114	184.6	19.5	0	28.3	1052	29
Mid-Atlantic	MA8128 ↗	VT2P	112	184.5	17.2	1	28.0	1062	24
Hubner	H4390RC2P ↗	VT2P	109	183.7	17.7	0	29.8	1055	27
Pioneer	P1077AM GC ↗	AM,AQ	110	182.2	17.6	0	28.9	1047	30

*Robin Kauffman*

Averages = **186.5** **19.0** **0** **29.3** **1065**

LSD (0.10) = 14.6 0.7 ns

LSD (0.25) = 7.7 0.4 ns

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C.V. = 7.4 Historic yield: 183.69 bu/a, 7 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.81

Report Date: 10/10/2021

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

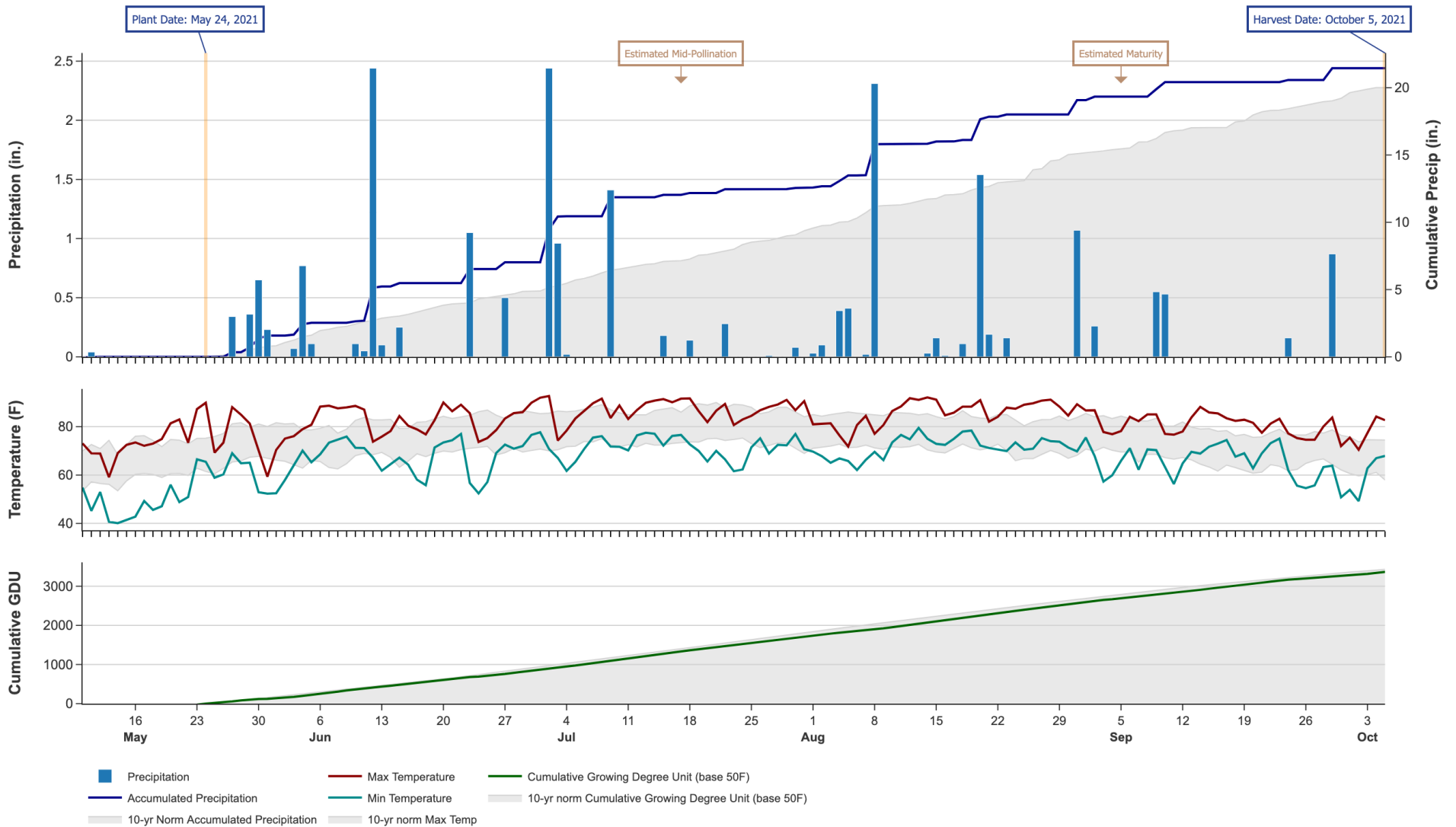
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# 2021 Corn - Delaware Maryland North [ DMNO ]

## Weather Conditions Summary at PUNGOTEAGUE, VA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.6   3.0 (-1.4)	5.5   4.1 (+1.4)	5.5   4.5 (+1.0)	6.5   5.7 (+0.8)	2.4   4.1 (-1.8)	0.0   0.8 (-0.8)	21.5   22.3 (-0.8)
GDU   Normal (Diff)	325   396 (-71)	724   751 (-27)	868   907 (-39)	858   848 (+9)	695   680 (+14)	96   86 (+9)	3566   3670 (-104)



\* 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.

## 2021 Corn - Delaware Maryland North [ DMNO ]

### All-Season Test Products (53 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1165 VT2P	VT2P	N	115	CM,C2
Augusta	A1961 TRE	TRE	N	111	AC,P2
Augusta	A2362 VT2P	VT2P	N	112	CM,C2
Augusta	A3363 VT2PDG	VT2PDG	N	113	CM,C2
Augusta	A4463 VT2P	VT2P	N	113	CM,C2
Augusta	A5364-3120-EZ	3120	Y	114	AVC,C5
Augusta	A7162 VT2P	VT2P	N	112	CM,C2
Chemgro	7305RDP	VT2P	Y	113	AC,P2
Chemgro	7505RDP	VT2P	Y	115	AC,P2
Chemgro	7525RDP	VT2P	Y	115	AC,P5
Chemgro	7615RDP	VT2P	Y	116	AC,P2
DeKalb	DKC58-64RIB GC	STX	Y	108	Treated
DeKalb	DKC62-53RIB GC	VT2P	Y	112	Treated
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5V
Great Heart	HT-7425DGV2P	VT2PDG	Y	114	AC,P5V
Great Heart	HT-7447VT2P	VT2P	Y	114	AC,P5V
Hefty	H5944 RIB	STX	Y	109	HC
Hefty	H6134 RIB	STX	Y	111	HC
Hefty	H6244 RIB	STX	Y	112	HC
Hefty	H6354	STX	N	113	HC
Hefty	H6532 VT2PRIB	VT2P	Y	115	HC
Hefty	H6552	VT2P	N	115	HC
Hubner	H09G056	VT2PDG	Y	109	AC,P5
Hubner	H13G513	VT2PDG	Y	113	AC,P2
Hubner	H4390RC2P	VT2P	Y	109	AC,P2
Hubner	H4763RC2P	VT2P	Y	115	AC,P2
Hubner	H4828RC2P	VT2P	Y	116	AC,P2
Hubner	H4890RC2P	VT2P	Y	117	AC,P5
Local Seed	LC1009 VT2PRIB	VT2P	Y	110	RA
Local Seed	LC1307 TCRIB	TRE	Y	113	RA
Local Seed	LC1398 VT2PRIB	VT2P	Y	113	RA
Local Seed	LC1407 VT2PRIB	VT2P	Y	114	RA
Local Seed	LC1497 DGV2PRIB	VT2PDG	Y	114	RA
Local Seed	LC1506 VT2PRIB	VT2P	Y	115	RA
Local Seed	LC1616 TCRIB	TRE	Y	116	RA
Mid-Atlantic	MA5155	3111	N	115	CM,C2
Mid-Atlantic	MA8064	VT2P	N	106	AC,P2
Mid-Atlantic	MA8106	VT2P	Y	110	AC,P2
Mid-Atlantic	MA8110	TRE	N	111	AC,P2
Mid-Atlantic	MA8128	VT2P	Y	112	AC,P2
Mid-Atlantic	MA8141	VT2PDG	N	114	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Mid-Atlantic	MA8158	STX	Y	115	AC,P2
MorCorn	MC 3952	VT2P	N	109	P1
MorCorn	MC 4255	VT2P	N	112	P1
MorCorn	MC 4311	TRE	N	113	P1
MorCorn	MC 4319	VT2P	N	113	P1
Pioneer	P0806AM GC	AM	Y	108	Lum
Pioneer	P1077AM GC	AM,AQ	Y	110	Lum
Seed Consultants	SC1087AM	AM	Y	108	Lum,P1V
Seed Consultants	SC1092AM	AM	Y	109	Lum,P1V
Seed Consultants	SC1112AM	AM	Y	111	Lum,P1V
Seed Consultants	SC1122Q	QR	Y	112	Lum,P1V

\* 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

<sup>^</sup> 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

3111	Agrisure® Viptera® 3111
3120	Agrisure® 3120 (CB,HX,LL,GT)
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

### Corn Seed Treatments\*

NA	Not Available
AC,P2	Accelaron® 250
AC,P5	Accelaron® 500
AC,P5V	Accelaron® Poncho 500/Votivo
AVC,C5	Avicta® Complete 500
CM,C2	CruiserMaxx® 250
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
P1	Poncho 1250
RA	Radius 500 (Local Seed Co)
Treated	Treated seed, unspecified

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