

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

2022 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] UPPERCO, MD
Doug Armacost, Carroll County, MD 21155

All-Season Test	106 - 116 Day CRM B2022DMNO18
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate
SOIL DESCRIPTION:	Glenelg loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.8 pH, 2.7% OM, 8.2 CEC
PEST MANAGEMENT:	Lumax, Atrazine, Ethos, Glyphosate
FERTILITY - Applied N:	144 Spring, 90 Sidedress
Applied N-P-K (units):	234-147-23
SEEDED - RATE - ROW:	Jun 1 34.5 /A 30" spacing
HARVESTED - STAND:	Nov 18 32.6 /A

TEST COMMENTS:

This was the last corn plot planted in the spring. Soil moisture was on the wet side but with the warm temperature and abundant rainfall for the summer got the crop got off to a great start. A mid-July straight-line thunderstorm caused some green snap for certain hybrids. Lodging scores reflect this occurrence, and where the hybrid was in the plot also made a difference. At harvest, corn was still standing nice with only top breakage. The overall rating of the plot is an 8 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A1964-3110 ↗	3110	114	246.1	20.4	2	32.0	1783	2
Golden Harvest	G10L16-DV ↗	DV	110	245.2	18.9	4	31.5	1785	1
Revere	1125 SSX ↗	STX	111	239.3	18.6	3	32.1	1744	3
Pioneer	P1136AM GC ↗	AM	111	238.5	18.7	5	32.6	1738	4
Mid-Atlantic	MA8145 ↗	VT2P	114	238.0	21.2	6	32.9	1720	6
Seed Consultants	SC1122Q ↗	QR	112	236.6	18.8	1	33.3	1724	5
Augusta	A3363 VT2PDG ↗	VT2PDG	113	235.7	20.4	1	32.9	1708	9
Seed Consultants	SC1093AM ↗	AM	109	235.7	18.2	7	33.2	1720	7
Revere	1525 V ↗	V	115	234.7	23.0	0	33.0	1685	11
Augusta	A1961 TRE ↗	TRE	111	233.7	17.7	3	32.4	1709	8
NK Brand	NK1082-DV ↗	DV	110	233.2	18.5	5	33.0	1701	10
Mid-Atlantic	MA8136 ↗	VT2PDG	113	230.4	20.1	2	32.5	1671	12
Golden Harvest	G15J91-V ↗	V	115	230.4	21.3	5	32.8	1664	13
Chemgro	7335RDD ↗	VT2PDG	113	228.2	18.8	6	32.3	1662	14
Mid-Atlantic	MA8141 ↗	VT2PDG	114	224.8	21.2	1	32.1	1624	15
Hubner	H1880D ↗	VT2P	118	224.4	22.4	3	32.9	1615	17
NK Brand	NK1677-3110 ↗	3110	116	223.9	21.9	0	32.8	1614	18
Chemgro	7525RDP ↗	VT2P	115	221.9	22.1	2	32.2	1598	20
Revere	1577 VT2PRIB ↗	VT2P	115	221.9	19.6	11	32.5	1612	19
Seed Consultants	SC1112AM ↗	AM	111	221.7	18.0	5	31.9	1620	16
Great Heart	HT-7541TRE ↗	TRE	115	218.2	20.9	22	32.3	1578	22
Revere	1307 TCRIB ↗	TRE	113	217.8	18.0	11	32.8	1591	21
Augusta	A7162 VT2P ↗	VT2P	112	215.4	20.4	10	32.5	1561	25
Augusta	A1359 VT2P ↗	VT2P	108	215.0	17.7	6	33.2	1572	23
MorCorn	MC 4527 ↗	VT2P	115	214.6	19.6	10	33.3	1559	26
Axis	59R27RIB GC ↗	VT2P	111	214.4	17.9	23	32.9	1567	24
Hubner	H13G513 ↗	VT2PDG	113	214.1	18.9	15	32.2	1559	27
Pioneer	PO924Q GC ↗	QR	109	212.0	18.3	7	32.5	1547	28
MorCorn	MC 4311 ↗	TRE	113	211.0	19.3	9	32.5	1534	29
Augusta	A1465 VT2P ↗	VT2P	112	209.1	19.2	3	31.5	1521	30

Robin Kauffman

Averages = **213.6** **19.5** **9** **32.6** **1544**

LSD (0.10) = 19.2 0.7 6

LSD (0.25) = 10.1 0.3 3

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C.V. = 8.5

Historic yield: new site

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$7.38

Report Date: 11/27/2022

† 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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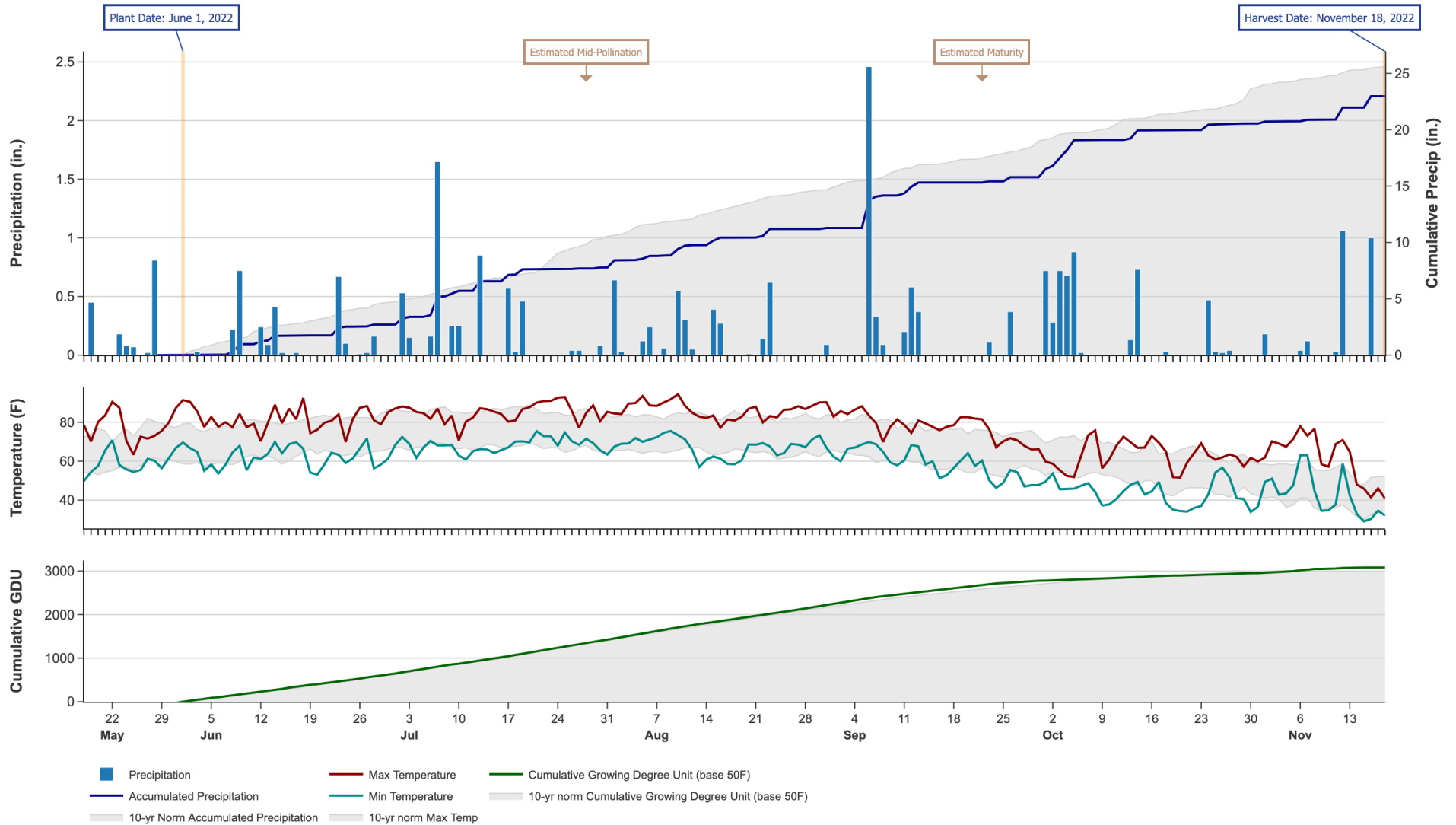
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2022 Corn - Delaware Maryland North [DMNO]

Weather Conditions Summary at UPPERCO, MD

Weather Data Retrieved: 11/27/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	1.6 1.9 (-0.2)	2.7 4.8 (-2.0)	5.1 5.9 (-0.8)	3.5 4.1 (-0.6)	4.5 4.3 (+0.2)	4.8 4.8 (-0.0)	2.4 1.8 (+0.6)	24.6 27.6 (-3.0)
GDU Normal (Diff)	253 234 (+18)	647 636 (+10)	805 811 (-6)	803 740 (+62)	549 536 (+12)	174 275 (-101)	129 10 (+118)	3360 3244 (+115)



* 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 (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 SXXRIB	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

^	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

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

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

Corn Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.