

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

2022 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] CHESTERTOWN, MD
Tom Mason, Kent County, MD 21620

All-Season Test	106 - 116 Day CRM B2022DMNO16
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Lexar, Glyphosate
SOIL DESCRIPTION:	Matapeake silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, high K, 5.2 pH, 2.5% OM, 7.0 CEC
PEST MANAGEMENT:	Glyphosate, Ethos, Bicep, Lexar, Accomplish
FERTILITY - Applied N:	198 Spring
Applied N-P-K (units):	198-180-290
SEDED - RATE - ROW:	May 21 34.5 /A 30" spacing
HARVESTED - STAND:	Oct 12 32.6 /A

TEST COMMENTS:

Soil conditions were good at planting, and the soil moisture and temperature were high. Corn emerged quickly and looked nice through the early summer. There were some dry periods in July and August but enough rainfall kept the crop looking nice. At harvest, the corn was standing really well for going through the hurricane, and a majority of the lodging was the plant tops going out. 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
Pioneer	PO924Q GC ↗	QR	109	249.4	15.2	3	32.3	1388	1
Revere	1577 VT2PRIB ↗	VT2P	115	247.3	15.2	6	33.0	1376	2
Mid-Atlantic	MA8141 ↗	VT2PDG	114	246.0	16.1	10	32.9	1364	3
Revere	1398 VT2PRIB ↗	VT2P	113	245.5	15.6	1	32.1	1364	4
Golden Harvest	G15J91-V ↗	V	115	241.0	16.7	6	32.5	1332	6
Mid-Atlantic	MA8136 ↗	VT2PDG	113	240.1	15.4	10	32.4	1335	5
Great Heart	HT-7499TRE ↗	TRE	114	240.1	16.0	2	32.6	1332	7
Mid-Atlantic	MA8110 ↗	TRE	111	236.3	14.7	6	33.3	1316	8
Revere	1525 V ↗	V	115	234.6	16.7	3	33.2	1297	9
Revere	0918 SSXRIB ↗	STX	109	230.8	15.2	3	32.4	1285	10
NK Brand	NK1677-3110 ↗	3110	116	230.1	16.2	3	32.4	1275	13
Seed Consultants	SC1122Q ↗	QR	112	229.6	15.7	13	32.9	1275	14
Augusta	A1961 TRE ↗	TRE	111	229.3	14.8	4	32.8	1277	11
Revere	1307 TCRIB ↗	TRE	113	229.0	14.7	5	32.5	1276	12
NK Brand	NK1188-D ↗	D	111	227.9	15.4	5	32.5	1267	15
Revere	1125 SSX ↗	STX	111	227.8	15.3	3	32.5	1267	16
Augusta	A1465 VT2P ↗	VT2P	112	227.5	15.3	9	32.8	1266	17
Hubner	H1880D ↗	VT2P	118	226.2	15.5	8	32.3	1257	18
Chemgro	7505RDP ↗	VT2P	115	225.5	15.5	4	32.6	1253	20
Hubner	H0881D ↗	VT2P	108	225.4	14.6	14	33.2	1255	19
Chemgro	7525RDP ↗	VT2P	115	224.6	15.8	10	33.2	1246	21
Golden Harvest	G12S75-D ↗	D	112	223.9	15.6	2	32.7	1244	22
Augusta	A1964-3110 ↗	3110	114	223.7	15.7	10	32.8	1242	23
Augusta	A7162 VT2P ↗	VT2P	112	222.8	15.3	6	32.9	1239	24
NK Brand	NK1082-DV ↗	DV	110	222.5	15.4	8	32.9	1237	25
DeKalb	DKC61-41RIB GC ↗	VT2P	111	221.5	14.5	11	32.8	1234	26
Mid-Atlantic	MA8108 ↗	VT2P	110	220.6	15.2	6	33.2	1227	28
MorCorn	MC 4311 ↗	TRE	113	220.4	14.7	7	33.2	1228	27
Pioneer	P1136AM GC ↗	AM	111	220.1	14.9	20	32.8	1226	29
Hubner	H4828RC2P ↗	VT2P	116	218.8	15.5	4	32.5	1216	30

Robin Kauffman

Averages = **222.2** **15.2** **8** **32.6** **1236**

LSD (0.10) = 18.6 0.4 7

LSD (0.25) = 9.8 0.2 4

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C.V. = 7.9

Historic yield: 180.48 bu/a, 13 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.57

Report Date: 10/24/2022

† 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

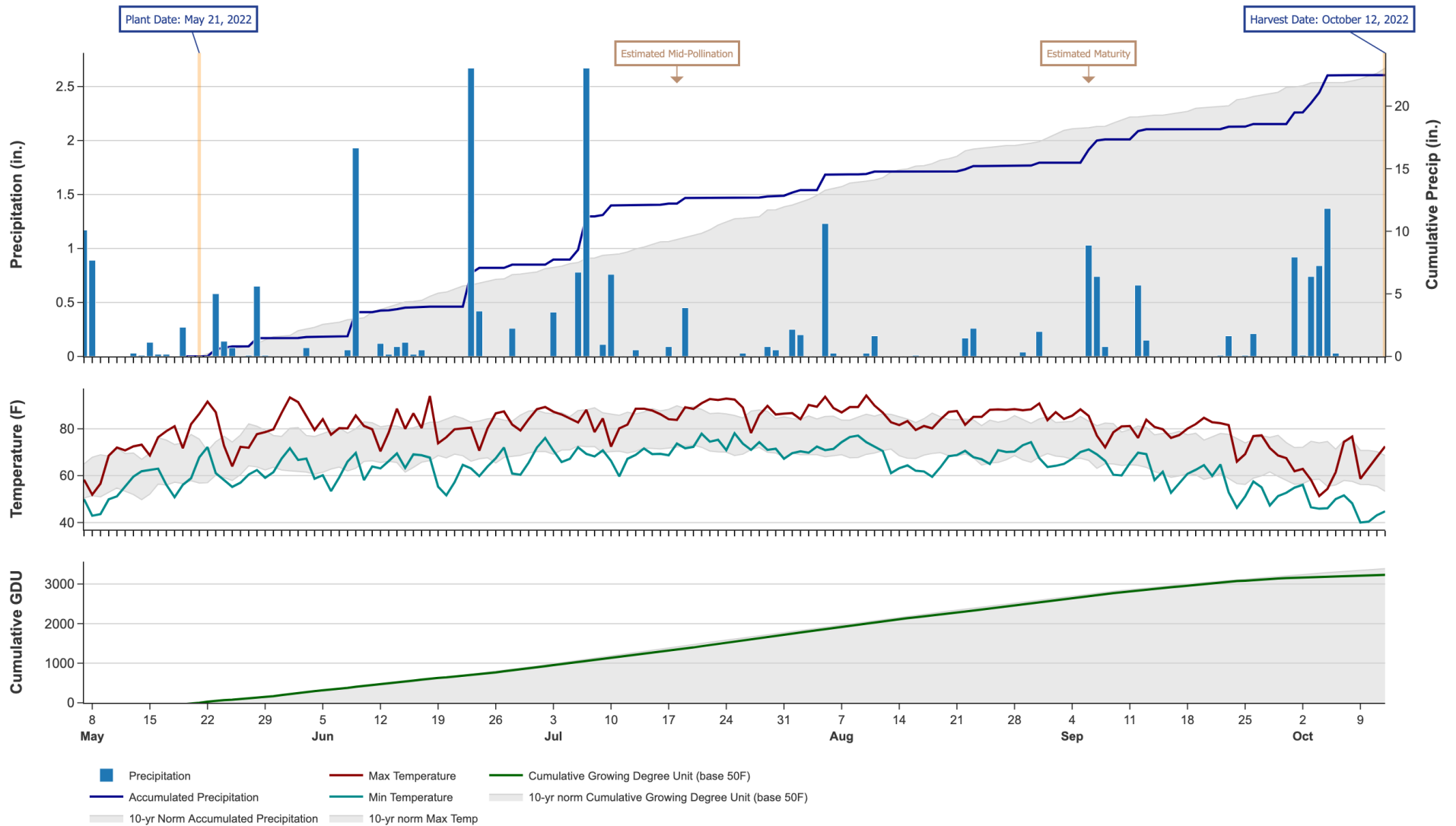
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Weather Conditions Summary at CHESTERTOWN, MD

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	4.0 3.6 (+0.4)	5.9 5.0 (+0.8)	5.5 5.3 (+0.2)	2.6 5.2 (-2.6)	3.1 4.3 (-1.2)	3.9 1.5 (+2.4)	25.0 25.0 (0.0)
GDU Normal (Diff)	400 379 (+20)	668 707 (-39)	856 878 (-22)	834 815 (+18)	595 621 (-26)	83 173 (-90)	3436 3575 (-139)



* 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. FRST 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 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

^	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.