

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

2022 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] PRINCESS ANNE, MD
Roger Richardson, Somerset County, MD

All-Season Test	106 - 116 Day CRM B2022DMNO15
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / NA
SOIL DESCRIPTION:	Mattapex sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.2 pH, 3.0% OM, 6.7 CEC
PEST MANAGEMENT:	Glyphosate, Ethos, Atrazine, Haley Gt
FERTILITY - Applied N:	120 Spring
Applied N-P-K (units):	120-0-0
SEDED - RATE - ROW:	May 11 34.5 /A 30" spacing
HARVESTED - STAND:	Sep 26 32.4 /A

TEST COMMENTS:

The planting conditions were wet and cold. Much of the early spring was wet. Corn emerged uniformly and got off to a good start. The summer rainfall was very sporadic, hit and miss thunderstorms gave just enough rainfall to keep the crop moving forward. At harvest, corn was standing nice with few broken stalks. Disease pressure was slight. Yields were considered good for the year. 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
Mid-Atlantic	MA8136 ↗	VT2PDG	113	202.2	15.1	3	31.7	1478	1
Revere	1577 VT2PRIB ↗	VT2P	115	200.5	15.4	3	33.0	1464	2
Augusta	A3363 VT2PDG ↗	VT2PDG	113	199.5	15.3	2	32.2	1457	3
Hubner	H4763RC2P ↗	VT2P	115	199.4	15.4	3	33.5	1456	4
Revere	0707 DGVT2PRIB ↗	VT2PDG	107	198.8	14.4	1	33.0	1453	5
Great Heart	HT-7541TRE ↗	TRE	115	198.6	15.5	0	32.1	1449	6
Augusta	A7162 VT2P ↗	VT2P	112	195.7	15.5	2	31.7	1428	7
Augusta	A1961 TRE ↗	TRE	111	195.3	14.5	4	33.0	1428	8
Augusta	A1964-3110 ↗	3110	114	194.9	15.7	1	32.5	1421	9
Hubner	H1880D ↗	VT2P	118	194.5	15.7	0	32.4	1418	11
MorCorn	MC 4311 ↗	TRE	113	194.1	15.1	3	32.5	1419	10
Augusta	A1359 VT2P ↗	VT2P	108	193.2	15.0	4	32.2	1412	12
MorCorn	MC 4161 ↗	VT2PDG	111	192.0	14.9	6	32.9	1404	13
Augusta	A7168 VT2P ↗	VT2P	116	191.4	17.9	0	31.8	1385	18
Hubner	H13G513 ↗	VT2PDG	113	191.1	15.2	3	32.9	1396	14
Hubner	H09G056 ↗	VT2PDG	109	191.0	14.6	3	32.5	1396	15
Hubner	H4828RC2P ↗	VT2P	116	190.2	15.3	3	32.7	1389	16
Mid-Atlantic	MA8110 ↗	TRE	111	189.9	15.0	4	32.4	1388	17
Chemgro	7525RDP ↗	VT2P	115	187.7	17.4	1	31.6	1361	23
MorCorn	MC 4527 ↗	VT2P	115	187.5	15.6	3	33.5	1368	20
DeKalb	DKC61-41RIB GC ↗	VT2P	111	187.4	15.0	4	32.2	1370	19
Hubner	H0881D ↗	VT2P	108	187.2	14.5	4	31.7	1368	21
Mid-Atlantic	MA8108 ↗	VT2P	110	186.8	15.4	2	32.8	1364	22
Chemgro	7505RDP ↗	VT2P	115	186.2	16.7	2	31.8	1353	24
Golden Harvest	G10L16-DV ↗	DV	110	185.0	15.2	6	31.4	1351	25
Axis	59R27RIB GC ↗	VT2P	111	184.1	14.8	4	31.5	1346	26
NK Brand	NK1188-D ↗	D	111	184.1	15.0	1	32.8	1346	27
Chemgro	7335RDD ↗	VT2PDG	113	183.9	14.7	3	33.7	1344	28
Pioneer	P1136AM GC ↗	AM	111	183.1	15.2	3	34.0	1337	29
Seed Consultants	SC1093AM ↗	AM	109	182.2	14.9	4	33.0	1332	30

Robin Kauffman

Averages = **185.3** **15.5** **3** **32.4** **1352**

LSD (0.10) = 11.8 0.5 2

LSD (0.25) = 6.2 0.3 1

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C.V. = 6.0

Historic yield: new site

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$7.31

Report Date: 10/18/2022

† 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

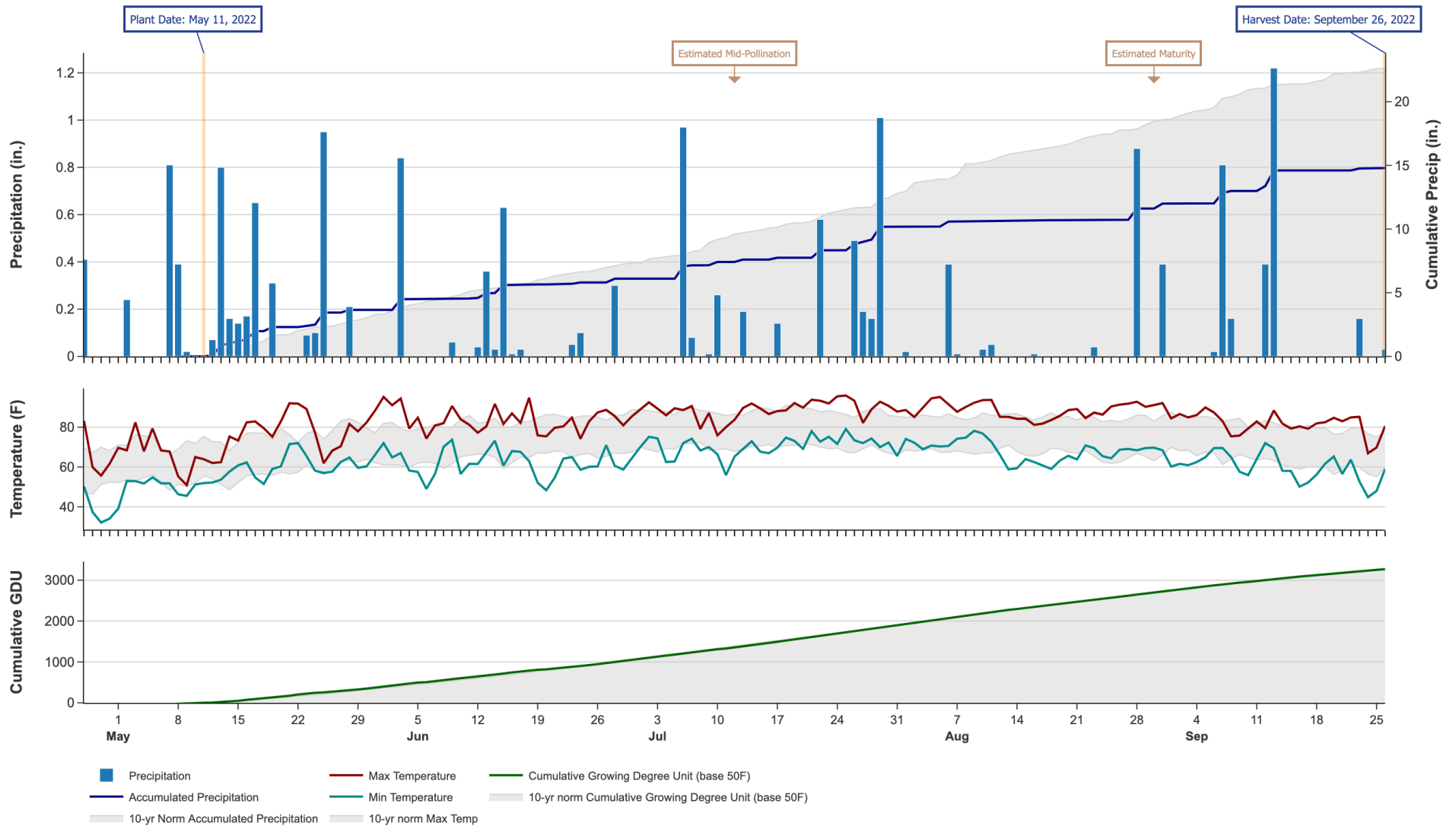
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Weather Conditions Summary at PRINCESS ANNE, MD

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	0.4 0.5 (-0.1)	5.1 4.9 (+0.2)	2.5 4.0 (-1.6)	4.1 5.5 (-1.4)	1.8 5.8 (-4.0)	2.8 4.0 (-1.2)	16.7 24.8 (-8.1)
GDU Normal (Diff)	17 39 (-22)	477 479 (-2)	668 709 (-41)	861 859 (+1)	829 802 (+26)	541 566 (-25)	3393 3456 (-63)



* 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 SSSXRIB	STX	Y	109	RA
Revere	1125 SSSX	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.