

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

2022 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] BRIDGEVILLE, DE
Ken Arney, Sussex County, DE 19933

All-Season Test	106 - 116 Day CRM B2022DMNO14
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate, 2,4-D
SOIL DESCRIPTION:	Woodstown sandy loam, mod. well drained, irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.4 pH, 2.0% OM, 5.6 CEC
PEST MANAGEMENT:	Halex Gt, Simazine, Ethos
FERTILITY - Applied N:	42 Spring, 170 Sidedress
Applied N-P-K (units):	212-186-126
SEDED - RATE - ROW:	May 10 34.5 /A 30" spacing
HARVESTED - STAND:	Sep 29 32.6 /A

TEST COMMENTS:

Planting conditions were excellent. Emergence was uniform and early vigor moved along well. Weed control was excellent and minor disease pressure produced these high yields. Irrigation was used to keep the crop looking good but was not used as much in other years. The overall rating of the plot is a 9 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	MA8110 ↗	TRE	111	282.7	17.2	0	31.9	2051	1
Mid-Atlantic	MA8136 ↗	VT2PDG	113	279.4	18.7	0	33.6	2017	2
Augusta	A1465 VT2P ↗	VT2P	112	276.6	17.7	3	32.3	2004	3
MorCorn	MC 4311 ↗	TRE	113	276.1	17.0	0	32.9	2004	4
Augusta	A3363 VT2PDG ↗	VT2PDG	113	275.8	18.6	0	33.0	1991	6
Revere	1398 VT2PRIB ↗	VT2P	113	274.3	16.6	3	32.9	1994	5
DeKalb	DKC61-41RIB GC ↗	VT2P	111	272.7	17.1	1	33.4	1979	7
Hubner	H09G056 ↗	VT2PDG	109	271.9	16.4	10	33.0	1978	8
Revere	1307 TCRIB ↗	TRE	113	268.0	16.4	1	33.2	1949	9
Hubner	H1880D ↗	VT2P	118	267.8	19.4	2	32.6	1928	11
Revere	1577 VT2PRIB ↗	VT2P	115	266.4	17.3	3	32.8	1932	10
Chemgro	7335RDD ↗	VT2PDG	113	264.7	17.6	1	32.3	1918	12
Great Heart	HT-7541TRE ↗	TRE	115	264.5	18.9	11	32.9	1908	14
Great Heart	HT-7499TRE ↗	TRE	114	264.1	19.3	2	33.0	1902	17
Augusta	A1359 VT2P ↗	VT2P	108	263.8	16.7	0	33.2	1917	13
Pioneer	P1136AM GC ↗	AM	111	262.8	17.2	0	32.5	1906	15
Pioneer	PO924Q GC ↗	QR	109	262.0	17.0	0	32.9	1902	18
Hubner	H4828RC2P ↗	VT2P	116	262.0	18.0	2	33.4	1896	19
MorCorn	MC 4161 ↗	VT2PDG	111	261.8	16.5	8	32.3	1904	16
Seed Consultants	SC1093AM ↗	AM	109	259.9	16.7	0	33.2	1889	20
Augusta	A7168 VT2P ↗	VT2P	116	259.8	21.0	1	32.6	1860	26
Seed Consultants	SC1112AM ↗	AM	111	259.7	16.9	0	32.2	1886	21
Mid-Atlantic	MA8145 ↗	VT2P	114	258.2	17.6	8	33.2	1871	22
Augusta	A1964-3110 ↗	3110	114	258.0	18.1	0	32.5	1866	25
MorCorn	MC 4527 ↗	VT2P	115	257.8	17.6	4	32.8	1868	23
Augusta	A1961 TRE ↗	TRE	111	256.7	16.4	0	32.8	1868	24
Hubner	H13G513 ↗	VT2PDG	113	256.3	17.2	7	33.0	1859	27
Seed Consultants	SC1122Q ↗	QR	112	255.8	17.3	0	31.8	1855	28
Revere	1125 SSX ↗	STX	111	255.5	17.5	0	33.0	1852	30
Revere	0707 DGVT2PRIB ↗	VT2PDG	107	255.3	16.8	0	32.6	1855	29

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Averages = **256.9** **17.5** **2** **32.6** **1862**

LSD (0.10) = 15.4 0.7 4

LSD (0.25) = 8.1 0.4 2

C.V. = 5.7 Historic yield: 217.94 bu/a, 18 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$7.31

Report Date: 10/04/2022

Additional reports available at www.firstseedtests.com

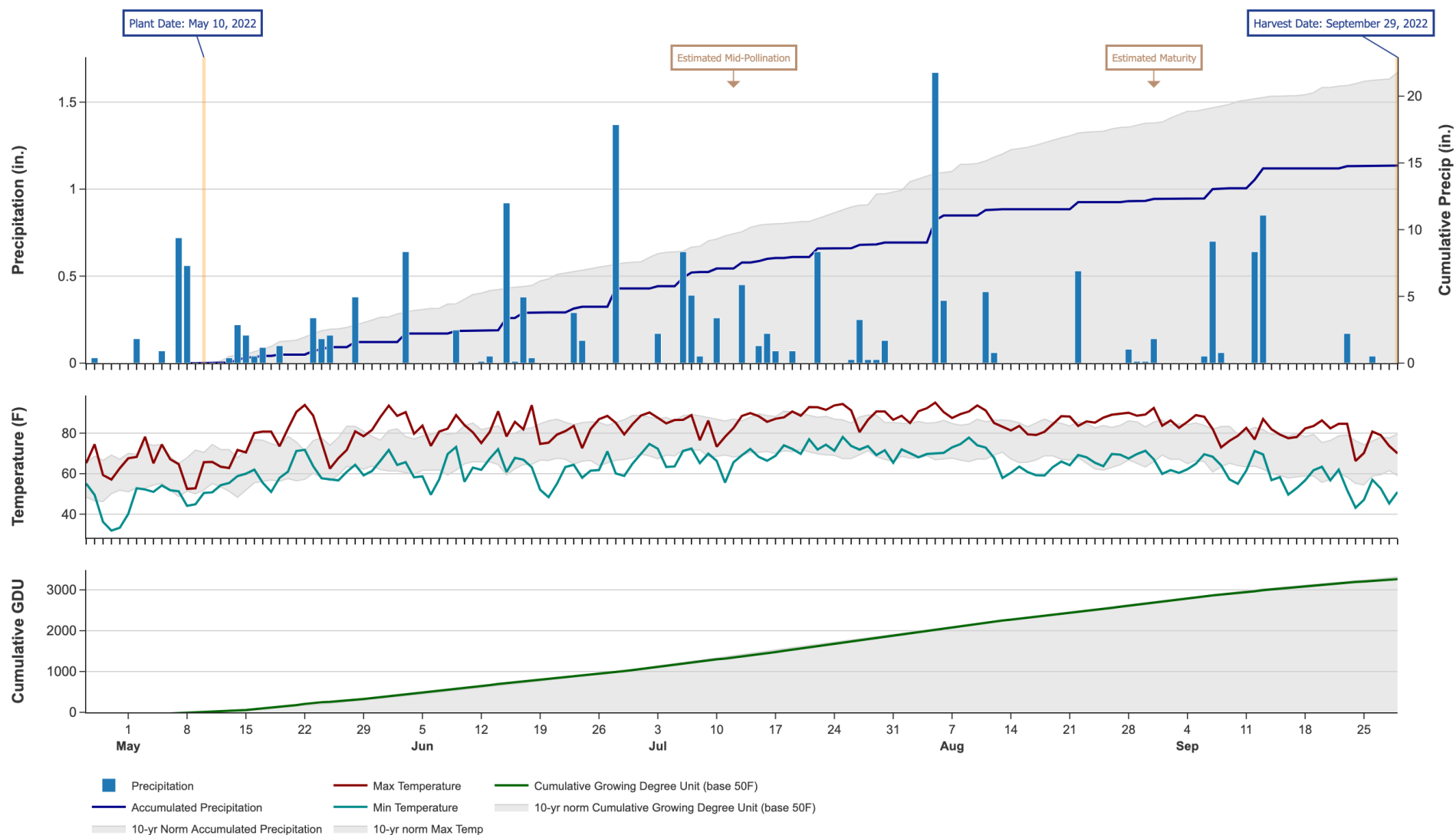
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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Weather Conditions Summary at BRIDGEVILLE, DE

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	0.0 0.9 (-0.8)	3.1 4.6 (-1.5)	4.0 4.1 (-0.1)	3.4 5.3 (-1.8)	3.3 5.2 (-1.9)	2.5 3.8 (-1.3)	16.3 23.8 (-7.5)
GDU Normal (Diff)	22 44 (-22)	458 464 (-6)	660 702 (-42)	847 858 (-11)	813 797 (+15)	566 602 (-36)	3366 3469 (-103)



* 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	P0924Q 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.