

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

2020 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 B2020DMNO16
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Liberty
SOIL DESCRIPTION:	sandy loam, mod. well drained, irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.6 pH, 1.9% OM, 4.6 CEC
PEST MANAGEMENT:	Harness Xtra, Capture, Halex Gt, Atrazine
FERTILITY - Applied N:	105 Spring, 10 Planter, 85 Sidedress
Applied N-P-K (units):	200-130-100
SEEDED - RATE - ROW:	May 14 34.5 /A 30" spacing
HARVESTED - STAND:	Oct 7 35.1 /A

TEST COMMENTS:

Planting conditions were excellent. Corn emerged uniformly and early vigor was great. Rainfall through the growing season was almost too much. Kenny noted that his irrigation costs were as low as he has seen in many years. Some early hybrids did not hold up well to stalk rots, diploдия, and anthracnose. Most of the other lodging was due to lack of root strength. Stalks were healthy but lodged with the ear weight. Most did feed through the combine all right. The overall rating of this 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
LOCAL SEED	LC1577 VT2PRIB	VT2P,B	115	275.3	18.7	3	35.3	1164	1
PIONEER	P1077AM GC	AM,AQ,B	110	271.5	17.4	2	35.6	1154	3
HUBNER	H09G056	VT2PDG	109	271.2	16.4	0	34.6	1158	2
MID-ATLANTIC	MA8117	TRE	111	268.8	16.9	0	34.1	1146	4
LOCAL SEED	LC1009 VT2PRIB	VT2P,B	110	266.4	16.1	2	35.6	1140	5
GREAT HEART	HT-7425DGV2P	VT2PDG,B	114	266.2	19.2	0	33.9	1122	10
AUGUSTA	7168	VT2P	116	265.1	21.1	1	35.0	1107	13
SEED CONSULTANTS	SCS1111Q	QR,B	111	264.8	17.4	2	35.7	1126	8
DEKALB	DKC59-82RIB GC	VT2P,B	109	264.0	16.6	3	32.8	1127	7
MID-ATLANTIC	MA8128VT2P	VT2P	112	263.7	16.6	2	36.0	1125	9
SEED CONSULTANTS	SCS1087AM	AM,B	108	263.4	15.7	0	35.0	1129	6
MID-ATLANTIC	MA8141DGV2P	VT2PDG	114	262.9	19.8	1	35.7	1105	15
AUGUSTA	4463	VT2P	112	262.6	16.9	6	34.1	1119	11
MID-ATLANTIC	MA8106	VT2P	109	261.0	16.0	3	36.3	1117	12
HUBNER	H4390RC2P	VT2P,B	108	259.4	16.7	4	35.2	1106	14
CHEMGRO	7505RDP	VT2P,B	115	257.4	18.1	0	33.6	1091	17
DEKALB	DKC62-53RIB GC	VT2P,B	112	256.6	16.1	2	34.7	1098	16
LOCAL SEED	LC1488 VT2PRIB	VT2P,B	114	255.3	16.9	6	35.1	1088	18
CHEMGRO	7095RDP	VT2P,B	110	254.6	16.2	0	34.7	1088	19
MORCORN	MC 4255	VT2P	112	252.7	17.9	11	36.0	1072	20
GREAT HEART	HT-7462VT2P	VT2P,B	114	252.3	20.1	2	35.4	1059	25
MID-ATLANTIC	MA8091VT2P	VT2P	109	251.5	18.0	4	34.7	1066	21
HUBNER	H4828RC2P	VT2P	116	250.2	17.9	13	34.6	1061	24
CHEMGRO	7305RDP	VT2P,B	113	249.3	16.7	4	34.2	1064	22
MID-ATLANTIC	MA8158	STX	1115	249.2	18.7	9	36.0	1053	29
HUBNER	H4692RC2P	VT2P,B	112	249.1	16.9	3	36.0	1062	23
SEED CONSULTANTS	SCS1121AM	AM,B	112	249.1	17.7	3	34.5	1058	26
DYNA-GRO	D52VC63	VT2P	112	249.1	17.6	22	35.1	1058	27
LOCAL SEED	LC1398 VT2PRIB	VT2P,B	113	248.5	17.3	10	35.2	1057	28
AUGUSTA	7162	VT2P	112	248.2	17.8	7	35.2	1053	30

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Averages = **247.4** **17.6** **11** **35.1** **1051**

LSD (0.10) = 15.6 0.4 13

LSD (0.25) = 8.2 0.2 7

C.V. = 6.0

Historic yield: 214.1 bu/a, 16 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$4.30

Report Date: 10/08/2020

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

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2020 Corn - Delaware Maryland North [DMNO]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1165	VT2P	115	CM,C2
AUGUSTA	4463	VT2P	112	CM,C1
AUGUSTA	7162	VT2P	112	CM,C1
AUGUSTA	7168	VT2P	116	AC,P1V
AXIS	62A28 GC	VT2P,B	112	AC
CHEMGRO	6819D5Z	5222,B	108	CM,C5,Vi
CHEMGRO	7095RDP	VT2P,B	110	AC,P2
CHEMGRO	7305RDP	VT2P,B	113	AC,P2
CHEMGRO	7505RDP	VT2P,B	115	AC,P2
DEKALB	DKC59-82RIB GC	VT2P,B	109	NA
DEKALB	DKC62-53RIB GC	VT2P,B	112	NA
DYNA-GRO	D52VC63	VT2P	112	AC,P5V,EDC-B
DYNA-GRO	D55VC80	VT2P	115	AC,P5V,EDC-B
GREAT HEART	HT-7425DGVT2P	VT2PDG,B	114	NA
GREAT HEART	HT-7462VT2P	VT2P,B	114	NA
HUBNER	H09G056	VT2PDG	109	AC,P5V
HUBNER	H4390RC2P	VT2P,B	108	AC,P5V
HUBNER	H4692RC2P	VT2P,B	112	AC,P5V
HUBNER	H4763RC2P	VT2P,B	115	AC,P5V
HUBNER	H4828RC2P	VT2P	116	AC,P5V
HUBNER	H4890RC2P	VT2P,B	117	AC,P5V
LOCAL SEED	LC0708 VT2PRIB	VT2P,B	107	RA
LOCAL SEED	LC1009 VT2PRIB	VT2P,B	110	RA
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112	RA
LOCAL SEED	LC1398 VT2PRIB	VT2P,B	113	RA
LOCAL SEED	LC1488 VT2PRIB	VT2P,B	114	RA
LOCAL SEED	LC1497 DGVT2P	VT2PDG,B	114	RA
LOCAL SEED	LC1577 VT2PRIB	VT2P,B	115	RA
MID-ATLANTIC	MA5155	3111	115	NA
MID-ATLANTIC	MA8091VT2P	VT2P	109	NA
MID-ATLANTIC	MA8106	VT2P	109	NA
MID-ATLANTIC	MA8117	TRE	111	NA
MID-ATLANTIC	MA8128VT2P	VT2P	112	NA
MID-ATLANTIC	MA8141DGVT2P	VT2PDG	114	NA
MID-ATLANTIC	MA8158	STX	1115	NA
MORCORN	MC 3952	VT2P	109	AC,P1

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
MORCORN	MC 4255	VT2P	112	AC,P1
MORCORN	MC 4319	VT2P	113	AC,P1
MORCORN	MC 4670	TRE	116	AC,P5
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1460-5222-EZR	5222,B	114	AVC,C5,Vi
PIONEER	P1077AM GC	AM,AQ,B	110	NA
SEED CONSULTANTS	SCS1069AM	AM,B	106	NA
SEED CONSULTANTS	SCS1087AM	AM,B	108	NA
SEED CONSULTANTS	SCS1111Q	QR,B	111	NA
SEED CONSULTANTS	SCS1121AM	AM,B	112	NA
SEED CONSULTANTS	SCS1141AM	AM,B	114	NA

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*

3111	Agrisure® Viptera® 3111
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

Corn Seed Treatments**

NA	Not Available
AC	Acceleron®, unspecified
AC,P1	Acceleron 1250
AC,P1V	Acceleron Poncho 1250/Votivo
AC,P2	Acceleron, Poncho 250
AC,P5	Acceleron, Poncho 500
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C1	CruiserMaxx 1250
CM,C2	CruiserMaxx 250
CM,C5,Vi	CruiserMaxx 500 with Vibrance
RA	Radius 500 (Local Seed Co)

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