

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

2020 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] WARWICK, MD
Jonathan Quinn, Cecil County, MD 21912

All-Season Test	106 - 116 Day CRM B2020DMNO14
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat/Soybean / Liberty
SOIL DESCRIPTION:	sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, medium K, 5.6 pH, 2.2% OM, 8.5 CEC
PEST MANAGEMENT:	Capture, Abundit Edge, Cinch Atz, Approach Prima
FERTILITY - Applied N:	210 Spring, 5 Planter
Applied N-P-K (units):	215-135-95
SEEDED - RATE - ROW:	May 25 34.5 /A 30" spacing
HARVESTED - STAND:	Dec 4 34.6 /A

TEST COMMENTS:

Planting conditions were excellent. Spring and summer had rainfall when needed and at times too much. At harvest, some hybrids had severe root lodging most likely due to the wet spring, and their roots never going deep for moisture. Only a few hybrids that had poor lodging ratings were from late-season winds or poor disease resistance. Although this plot was harvested late, it still showed a lot of hybrid differences. 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
DEKALB	DKC59-82RIB GC	VT2P,B	109	256.7	15.6	5	35.4	1257	1
MID-ATLANTIC	MA8117	TRE	111	246.2	15.5	6	33.9	1206	2
MID-ATLANTIC	MA8128VT2P	VT2P	112	245.9	16.4	30	33.7	1199	3
DYNA-GRO	D55VC80	VT2P	115	245.4	16.0	4	36.4	1199	4
HUBNER	H4828RC2P	VT2P	116	244.0	16.5	25	35.6	1189	5
DEKALB	DKC62-53RIB GC	VT2P,B	112	240.9	15.6	7	35.9	1179	6
MID-ATLANTIC	MA8158	STX	1115	237.4	16.2	6	33.8	1158	7
MORCORN	MC 4319	VT2P	113	236.7	16.0	6	34.5	1156	8
SEED CONSULTANTS	SCS1121AM	AM,B	112	236.5	16.0	12	33.3	1155	9
HUBNER	H09G056	VT2PDG	109	235.7	15.8	6	35.0	1152	10
LOCAL SEED	LC1577 VT2PRIB	VT2P,B	115	234.0	15.9	11	35.0	1143	11
AUGUSTA	7162	VT2P	112	233.3	15.9	10	34.9	1140	12
LOCAL SEED	LC1497 DGVT2P	VT2PDG,B	114	232.4	16.0	15	34.3	1135	13
MID-ATLANTIC	MA8091VT2P	VT2P	109	231.5	15.8	23	35.1	1132	14
AXIS	62A28 GC	VT2P,B	112	231.1	16.0	19	34.5	1129	15
GREAT HEART	HT-7425DGVT2P	VT2PDG,B	114	230.7	15.8	3	33.3	1128	16
HUBNER	H4763RC2P	VT2P,B	115	230.3	16.2	27	35.6	1124	17
AUGUSTA	7168	VT2P	116	227.8	16.8	0	33.8	1108	19
MORCORN	MC 4670	TRE	116	226.8	16.0	15	33.4	1108	20
AUGUSTA	1165	VT2P	115	226.8	16.0	2	33.3	1108	21
CHEMGRO	7505RDP	VT2P,B	115	226.7	15.7	10	33.0	1109	18
MID-ATLANTIC	MA8141DGVT2P	VT2PDG	114	225.7	15.8	4	34.3	1104	22
PIONEER	P1077AM GC	AM,AQ,B	110	224.6	16.6	36	35.5	1094	25
HUBNER	H4390RC2P	VT2P,B	108	224.1	15.8	13	33.9	1096	23
AUGUSTA	4463	VT2P	112	224.1	15.8	11	35.5	1096	24
HUBNER	H4890RC2P	VT2P,B	117	221.9	16.1	17	34.7	1084	26
MID-ATLANTIC	MA8106	VT2P	109	218.4	15.7	20	34.1	1069	27
SEED CONSULTANTS	SCS1111Q	QR,B	111	217.5	15.4	3	35.2	1066	28
DYNA-GRO	D52VC63	VT2P	112	217.5	15.7	28	35.4	1064	29
SEED CONSULTANTS	SCS1087AM	AM,B	108	216.5	15.6	14	33.4	1060	30

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Averages =	215.6	16.1	19	34.6	1053
LSD (0.10) =	21.1	0.6	15		
LSD (0.25) =	11.1	0.3	8		
C.V. =	9.3				

Historic yield: 178.7 bu/a, 18 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.91

Report Date: 12/06/2020

† 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.