

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

2019 Corn Grain Top 30 Harvest Report

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

Early-Season Test 98 - 107 Day CRM
B2019DMNO15a

Top 30 of 18 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / Liberty
SOIL DESCRIPTION: loamy sand , moderately drained
SOIL CONDITION: No-Till, very high P, medium K,
5.5 pH, 2.1% OM, 6.1 CEC
PEST MANAGEMENT: Abundit Edge, Cinchatz,
Aproachprima
FERTILITY - Applied N: 105 Spring, 95 Sidedress
Applied N-P-K (units): 200-135-95
SEDED - RATE - ROW: May 31 34.0 /A 30" spacing
HARVESTED - STAND: Sep 25 32.0 /A

TEST COMMENTS:

Soil conditions were wet at planting, but the plot had good emergence and stands. Above average rainfall and temperatures all season. Plant diseases were present, but did not affect standability. Overall rating of the plot was a 8 out of 10. (10=best) . The early season test was rejected due to low statistical significance of the entry yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LOCAL SEED CO	LC0297 SSX	STX	102	203.2	11.6	0	31.8	929	2
MID-ATLANTIC	MA8056VT2P	VT2P	105	193.4	12.3	1	32.7	884	3
LOCAL SEED CO	LC0057 SSXRIB	STX,B	100	188.6	12.6	0	32.5	862	4
HUBNER	H04G287	VT2P,DG,B	104	184.3	11.5	2	31.5	842	5
AUGUSTA	A4054	3010	104	183.5	11.6	2	31.5	839	6
NK BRAND	NK0440-3122-EZR	3122,B	104	183.0	11.5	2	31.2	836	7
SEED CONSULTANTS	SCS 1069YHR	OI	106	180.1	12.4	4	32.5	823	8
AUGUSTA	A4559	3010	107	176.1	12.5	2	31.6	805	9
MID-ATLANTIC	MA8026VT2P	VT2P	102	172.3	11.2	0	32.5	787	10
LOCAL SEED CO	LCX07-90	None	107	169.7	11.3	2	31.5	776	11
AUGUSTA	A4958	3122,B	107	168.6	11.3	3	30.7	771	12
MID-ATLANTIC	MA8034VT2P	VT2P	103	166.4	11.5	2	32.5	760	13
MID-ATLANTIC	MA8017VT2P	VT2P	101	161.1	11.0	1	31.9	736	14
HUBNER	H4257RC2P	VT2P,B	104	154.9	11.0	3	30.9	708	15
NK BRAND	NK0472-3110	3110	101	150.8	10.8	2	32.1	689	16
LOCAL SEED CO	LC0657 SSXRIB	STX,B	106	145.7	10.8	2	32.8	666	17
LOCAL SEED CO	ZS0398 3110	3110	103	142.8	10.9	4	32.5	653	18

REJECTED

MID-ATLANTIC	MA8074VT2P CK	VT2P	107	203.8	14.3	1	32.7	931	1
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Robin Kauffman

Rob Kauffman

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Averages = **173.8** 11.7 2 **32.0** **794**
LSD (0.10) = 27.4 1.3 2
LSD (0.25) = 14.3 0.7 1
C.V. = 14.8

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.57

Report Date: 10/08/2019

Revised:10/11/2019

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

2019 Corn Grain Top 30 Harvest Report

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

Full-Season Test 108 - 118 Day CRM
B2019DMNO15b

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / Liberty

SOIL DESCRIPTION: loamy sand , moderately drained

SOIL CONDITION: No-Till, very high P, medium K,
5.5 pH, 2.1% OM, 6.1 CEC

PEST MANAGEMENT: Abundit Edge, Cinchatz,
Aproachprima

FERTILITY - Applied N: 105 Spring, 95 Sidedress

Applied N-P-K (units): 200-135-95

SEDED - RATE - ROW: May 31 34.0 /A 30" spacing

HARVESTED - STAND: Sep 25 31.7 /A

TEST COMMENTS:

Soil conditions were wet at planting, but the plot had good emergence and stands. Above average rainfall and temperatures all season. Plant diseases were present, but did not affect standability. Overall rating of the plot was a 8 out of 10. (10=best) . The early season test was rejected due to low statistical significance of the entry yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HUBNER	H4692RC2P	VT2P,B	112	231.8	12.9	2	32.8	1059	1
LOCAL SEED CO	LC1697 SSX	STX	116	230.9	14.8	0	32.1	1055	2
DYNA-GRO	D55VC80	VT2P	115	230.1	13.3	0	32.5	1052	3
HUBNER	H4890RC2P	VT2P,B	117	222.8	14.6	0	32.2	1018	4
ARMOR	1447PRO2	VT2P	114	216.5	13.2	3	31.9	989	5
SEED CONSULTANTS	SCS 1139AM	AM,B	113	216.2	13.3	1	31.5	988	6
ARMOR	1118PRO2	VT2P	111	215.1	12.0	2	32.2	983	7
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112	214.8	11.6	2	32.1	982	8
LOCAL SEED CO	LCX13-95 DGVT2P	VT2P,DG	113	213.1	11.6	2	32.1	974	9
LOCAL SEED CO	LC1488 VT2PRIB	VT2P,B	114	212.5	12.1	4	31.4	971	10
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108	211.9	11.0	5	32.1	968	11
SEED CONSULTANTS	SCS 1105AM	AM,B	109	211.4	11.1	2	31.8	966	12
NK BRAND	NK1205-3120-EZR	3120,B	112	211.1	11.8	4	31.7	965	13
SEED CONSULTANTS	SC-EX110YHR	OI	108	210.3	13.1	1	31.5	961	14
MID-ATLANTIC	MA8091VT2P	VT2P	109	209.4	11.5	2	32.2	957	15
CHEMGRO	7505RDP	VT2P	115	209.2	14.1	3	32.5	956	16
HUBNER	H4846RC2P	VT2P,B	118	208.9	13.6	0	31.8	955	17
HUBNER	H4390RC2P	VT2P,B	108	208.8	11.6	3	32.5	954	18
SEED CONSULTANTS	SCS 1158YHR	OI,B	115	208.2	13.7	2	32.1	951	19
HUBNER	H08G394	VT2P,DG,B	108	207.1	11.3	2	32.6	946	20
SEED CONSULTANTS	SC-EX115YHR	OI	117	206.5	13.8	2	31.5	944	21
AUGUSTA	A4463	VT2P	113	204.8	12.5	1	31.5	936	22
LOCAL SEED CO	LC1577 VT2PRIB	VT2P,B	115	201.9	12.3	5	32.0	923	23
MID-ATLANTIC	MA8163VT2P	VT2P	116	201.8	12.4	1	30.9	922	24
DEKALB	DKC62-53RIB GC	VT2P,B	112	201.2	12.1	3	31.6	919	25
MID-ATLANTIC	MA8104SS	STX	110	200.6	11.3	2	30.9	917	26
LOCAL SEED CO	LC0978 VT2PRIB	VT2P,B	109	200.1	11.0	1	31.8	914	28
CHEMGRO	7145RDP	VT2P,B	111	199.9	11.6	3	31.7	914	27
AUGUSTA	A1165	VT2P	115	197.4	14.7	0	32.0	902	29
SEED CONSULTANTS	SCS 1087YHR	OI	108	197.3	11.7	3	31.2	902	30
MID-ATLANTIC	MA8074VT2P CK	VT2P	107	183.3	10.6	6	32.5	838	36

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Averages = **198.3** **12.3** **2** **31.7** **906**
LSD (0.10) = 16.9 1.0 2
LSD (0.25) = 8.8 0.5 1
C.V. = 8.1

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.57

Report Date: 10/08/2019

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† 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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2019 Corn - Delaware Maryland North [DMNO]

Early-Season Test Products (18 Total)

Company/Brand	Brand/Product	Technology	RM
AUGUSTA	A4054	3010	104
AUGUSTA	A4559	3010	107
AUGUSTA	A4958	3120,B	107
HUBNER	H04G287	VT2P,DG,B	104
HUBNER	H4257RC2P	VT2P,B	104
LOCAL SEED CO	LC0057 SXXRIB	STX,B	100
LOCAL SEED CO	LC0297 SSX	STX	102
LOCAL SEED CO	LC0657 SXXRIB	STX,B	106
LOCAL SEED CO	LCX07-90	None	107
LOCAL SEED CO	ZS0398 3110	3110	103
MID-ATLANTIC	MA8017VT2P	VT2P	101
MID-ATLANTIC	MA8026VT2P	VT2P	102
MID-ATLANTIC	MA8034VT2P	VT2P	103
MID-ATLANTIC	MA8056VT2P	VT2P	105
MID-ATLANTIC	MA8074VT2P CK	VT2P	107
NK BRAND	NK0440-3122-EZR	3122,B	104
NK BRAND	NK0472-3110	3110	104
SEED CONSULTANTS	SCS 1069YHR	OI	106

2019 Corn - Delaware Maryland North [DMNO]



Full-Season Test Products (48 Total)

Company/Brand	Brand/Product	Technology	RM
ARMOR	1118PRO2	VT2P	111
ARMOR	1227PRO2	VT2P	112
ARMOR	1299PRO2	VT2P	112
ARMOR	1447PRO2	VT2P	114
AUGUSTA	A1165	VT2P	115
AUGUSTA	A4463	VT2P	113
AUGUSTA	A4565	3220	115
AUGUSTA	A4760	VT2P	109
AUGUSTA	A5065	3111	115
CHEMGRO	7095RDP	VT2P,B	110
CHEMGRO	7145RDP	VT2P,B	111
CHEMGRO	7305RDP	VT2P	113
CHEMGRO	7505RDP	VT2P	115
DEKALB	DKC62-53RIB GC	VT2P,B	112
DYNA-GRO	D52VC63	VT2P	112
DYNA-GRO	D55VC80	VT2P	115
HUBNER	H08G394	VT2P,DG,B	108
HUBNER	H4390RC2P	VT2P,B	108
HUBNER	H4692RC2P	VT2P,B	112
HUBNER	H4763RC2P	STX,B	115
HUBNER	H4846RC2P	VT2P,B	118
HUBNER	H4890RC2P	VT2P,B	117
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108
LOCAL SEED CO	LC0978 VT2PRIB	VT2P,B	109
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112
LOCAL SEED CO	LC1488 VT2PRIB	VT2P,B	114
LOCAL SEED CO	LC1577 VT2PRIB	VT2P,B	115
LOCAL SEED CO	LC1697 SSX	STX	116
LOCAL SEED CO	LCX13-95 DGV2P	VT2P,DG	113
MID-ATLANTIC	MA5096	3330,B	109
MID-ATLANTIC	MA8074VT2P CK	VT2P	107
MID-ATLANTIC	MA8091VT2P	VT2P	109
MID-ATLANTIC	MA8104SS	STX	110
MID-ATLANTIC	MA8128VT2P	VT2P	112
MID-ATLANTIC	MA8141DGV2P	VT2P,DG	114
MID-ATLANTIC	MA8163VT2P	VT2P	116

Company/Brand	Brand/Product	Technology	RM
NK BRAND	NK0886-3120-EZR	3120,B	108
NK BRAND	NK1205-3120-EZR	3120,B	112
NK BRAND	NK1573-3000GT	3000GT	115
NK BRAND	NK1808-3111	3111	118
PIONEER	P1197AM GC	AM,B	111
SEED CONSULTANTS	SC-EX110YHR	OI	108
SEED CONSULTANTS	SC-EX115YHR	OI	117
SEED CONSULTANTS	SCS 1087YHR	OI	108
SEED CONSULTANTS	SCS 1105AM	AM,B	109
SEED CONSULTANTS	SCS 1139AM	AM,B	113
SEED CONSULTANTS	SCS 1158YHR	OI,B	115
SEED CONSULTANTS	SCS 1188AM	AM,B	118

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*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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