

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

2019 Corn Grain Top 30 Harvest Report

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

Early-Season Test 98 - 107 Day CRM
B2019DMNO17a

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,
irrigated

SOIL CONDITION: Minimum W/O Fall Till, very high P,
very high K, 5.4 pH, 1.3% OM, 5.6
CEC

PEST MANAGEMENT: Glyphosate, Lexar Capture

**FERTILITY - Applied
N:** 150 Spring, 60 Sidedress

Applied N-P-K (units): 210-130-185

**SEDED - RATE -
ROW:** May 7 34.0 /A 30" spacing

HARVESTED - STAND: Sep 30 32.2 /A

TEST COMMENTS:

The plot needed irrigated very little throughout the growing season, and stands were excellent. Disease was minimal. Some hybrids did have poor root development. Overall rating of the plot is a 8 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
SEED CONSULTANTS	SCS 1069YHR	OI	106	269.3	14.9	0	34.5	1231	1
AUGUSTA	A4958	3120,B	107	258.4	14.7	3	32.5	1181	2
MID-ATLANTIC	MA8034VT2P	VT2P	103	251.0	13.9	0	31.1	1147	4
HUBNER	H4257RC2P	VT2P,B	104	250.0	13.7	0	32.6	1142	5
AUGUSTA	A4559	3010	107	249.7	17.0	0	32.2	1128	7
LOCAL SEED CO	LCX07-90	None	107	247.2	14.5	1	31.9	1130	6
HUBNER	H04G287	VT2P,DG,B	104	245.9	12.7	0	32.6	1124	8
LOCAL SEED CO	LC0297 SSX	STX	102	244.3	13.4	0	32.4	1116	9
MID-ATLANTIC	MA8056VT2P	VT2P	105	244.2	13.2	1	32.2	1116	10
MID-ATLANTIC	MA8017VT2P	VT2P	101	233.5	12.9	0	31.9	1067	11
MID-ATLANTIC	MA8026VT2P	VT2P	102	228.8	12.8	0	31.1	1046	12
LOCAL SEED CO	LC0657 SXXRIB	STX,B	106	228.2	13.1	0	30.6	1043	13
NK BRAND	NK0440-3122-EZR	3122,B	104	226.2	13.7	1	31.9	1034	14
NK BRAND	NK0472-3110	3110	104	224.7	12.7	7	34.0	1027	15
AUGUSTA	A4054	3010	104	224.2	12.8	22	32.7	1025	16
LOCAL SEED CO	LC0057 SXXRIB	STX,B	100	218.9	12.6	0	33.5	1000	17
LOCAL SEED CO	ZS0398 3110	3110	103	192.3	12.7	13	32.2	879	18
MID-ATLANTIC	MA8074VT2P CK	VT2P	107	255.1	15.2	0	30.1	1165	3

Robin Kauffman
Averages = 238.3 13.7 3 32.2 1089
LSD (0.10) = 14.3 0.4 8
LSD (0.25) = 7.5 0.2 4
C.V. = 5.6

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

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

2019 Corn Grain Top 30 Harvest Report

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

Full-Season Test 108 - 118 Day CRM
B2019DMNO17b

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,
irrigated

SOIL CONDITION: Minimum W/O Fall Till, very high P,
very high K, 5.4 pH, 1.3% OM, 5.6
CEC

PEST MANAGEMENT: Glyphosate, Lexar Capture

**FERTILITY - Applied
N:** 150 Spring, 60 Sidedress

Applied N-P-K (units): 210-130-185

**SEDED - RATE -
ROW:** May 7 34.0 /A 30" spacing

HARVESTED - STAND: Sep 30 33.0 /A

TEST COMMENTS:

The plot needed irrigated very little throughout the growing season, and stands were excellent. Disease was minimal. Some hybrids did have poor root development. Overall rating of the plot is a 8 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
ARMOR	1227PRO2	VT2P	112	317.6	17.8	0	34.7	1429	1	
LOCAL SEED CO	LC1577 VT2PRIB	VT2P,B	115	301.3	18.6	0	33.9	1350	4	
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112	300.7	18.0	0	33.4	1351	3	
DYNA-GRO	D52VC63	VT2P	112	299.9	18.0	0	33.5	1348	5	
SEED CONSULTANTS	SCS 1087YHR	OI	108	297.5	16.0	0	32.9	1352	2	
HUBNER	H4846RC2P	VT2P,B	118	295.4	18.7	0	34.8	1322	7	
SEED CONSULTANTS	SC-EX115YHR	OI	117	295.3	19.8	0	33.5	1314	10	
HUBNER	H4890RC2P	VT2P,B	117	294.7	20.3	0	33.5	1307	13	
PIONEER	P1197AM GC	AM,B	111	293.4	16.8	0	31.6	1327	6	
SEED CONSULTANTS	SCS 1158YHR	OI,B	115	293.2	18.8	0	33.4	1312	11	
MID-ATLANTIC	MA8091VT2P	VT2P	109	293.1	18.2	1	33.7	1316	9	
AUGUSTA	A4463	VT2P	113	291.9	17.0	0	33.0	1319	8	
MID-ATLANTIC	MA8141DGV2P	VT2P,DG	114	291.1	19.0	0	33.9	1301	15	
HUBNER	H4390RC2P	VT2P,B	108	289.3	16.6	0	32.9	1311	12	
MID-ATLANTIC	MA8128VT2P	VT2P	112	288.7	17.1	0	32.4	1304	14	
SEED CONSULTANTS	SCS 1188AM	AM,B	118	287.9	19.7	0	32.5	1282	19	
ARMOR	1118PRO2	VT2P	111	285.7	17.4	0	34.7	1289	16	
HUBNER	H4763RC2P	STX,B	115	284.4	18.7	3	34.5	1273	24	
LOCAL SEED CO	LC1488 VT2PRIB	VT2P,B	114	284.1	17.0	0	33.4	1284	18	
CHEMGRO	7305RDP	VT2P	113	284.0	16.6	0	33.6	1287	17	
ARMOR	1447PRO2	VT2P	114	283.9	17.8	0	33.1	1278	21	
LOCAL SEED CO	LCX13-95 DGV2P	VT2P,DG	113	283.8	17.3	0	32.4	1280	20	
MID-ATLANTIC	MA8104SS	STX	110	280.8	15.8	0	32.1	1277	22	
CHEMGRO	7505RDP	VT2P	115	279.3	19.2	0	33.0	1247	27	
SEED CONSULTANTS	SCS 1105AM	AM,B	109	279.3	14.8	1	33.7	1276	23	
ARMOR	1299PRO2	VT2P	112	279.0	16.9	0	31.6	1262	25	
MID-ATLANTIC	MA8163VT2P	VT2P	116	277.9	17.8	0	34.7	1250	26	
LOCAL SEED CO	LC1697 SSX	STX	116	276.9	19.4	0	35.0	1235	29	
DEKALB	DKC62-53RIB GC	VT2P,B	112	275.0	16.5	0	32.4	1247	28	
LOCAL SEED CO	LC0978 VT2PRIB	VT2P,B	109	266.1	15.5	0	32.6	1213	31	
MID-ATLANTIC	MA8074VT2P CK	VT2P	107	270.0	15.4	0	32.2	1231	30	
				Averages =	275.8	17.4	1	33.0	1243	
				LSD (0.10) =	15.4	0.6	4			
				LSD (0.25) =	8.1	0.3	2			
				C.V. =	5.3					

Robin Kauffman

Rob Kauffman

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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

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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.