

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

2019 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] WARWICK

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
SEEDED - 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	Yield	Moisture	Shrink	Drying	Prices	Gross Income	Rank
		bu	%	%	\$/bu	\$/bu	\$/bu	
LOCAL SEED CO	LOCAL 88 88A	102	11.8	0	31.8	809	2	
MID-ATLANTIC	WARWICKTOP	105	12.3	1	32.7	804	3	
LOCAL SEED CO	LOCAL 88 88B	100	12.8	0	32.5	802	4	
FUMBER	WARWICKTOP	104	11.5	2	31.5	802	5	
AUGUSTA	ARISE	104	11.8	2	32.0	800	6	
MR BRAND	MR BRAND 1122 82N 1122B	107	11.5	1	31.2	800	7	
SEED CONSULTANTS	SCS 100PHR	01	12.4	1	32.1	803	8	
AUGUSTA	ARISE	101	11.1	1	32.0	805	9	
MID-ATLANTIC	WARWICKTOP	112	11.1	1	32.5	797	10	
LOCAL SEED CO	LOCAL 88	107	11.1	1	31.5	796	11	
AUGUSTA	ARISE	107	11.2	2	32.7	791	12	
MID-ATLANTIC	WARWICKTOP	107	11.5	2	32.5	790	13	
MID-ATLANTIC	WARWICKTOP	101	11.0	1	31.8	788	14	
FUMBER	WARWICKTOP	104	11.0	3	32.8	788	15	
MR BRAND	MR BRAND 1122 82N 1122B	107	10.8	2	32.1	800	16	
LOCAL SEED CO	LOCAL 88 88B	106	10.7	2	32.8	800	17	
LOCAL SEED CO	ZENITH 111	100	10.8	4	32.5	802	18	

REJECTED

<i>Robin Kauffman</i>	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; non-GMO = \$3.75

Report Date: 10/09/2019

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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different
©2019, All rights reserved by Elite Field Genetics, LLC

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

2019 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] WARWICK

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	LCX16-91 SXX	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	
				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					

Robin Kauffman

Rob Kauffman

rob.kauffman@firstseedtests.info, (717) 413-0763

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.57; non-GMO = \$3.75

Report Date: 10/09/2019

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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different

©2019, All rights reserved by Elite Field Genetics, LLC

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 SSXRIB	STX,B	100
LOCAL SEED CO	LC0657 SSXRIB	STX,B	106
LOCAL SEED CO	LCX02-98 SSX	STX	102
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	LCX13-95 DGVT2P	VT2P,DG	113
LOCAL SEED CO	LCX16-91 SSX	STX	116
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	MA8141DGVT2P	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)			OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	AQ	Optimum® AQUAMax®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	B	Refuge blend product	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	CB	Agrisure® Corn Borer	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	DG	Genuity® DroughtGard®	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HX	Herculex® 1, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXRW	Herculex® Rootworm, contains LL	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	LL	LibertyLink®		
		None	conventional corn		

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