

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

## 2019 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] WESTMINSTER, MD  
Doug Armagost, Carroll County, MD 21155

<b>Early-Season Test</b>	98 - 107 Day CRM B2019DMNO16a
<b>Top 30 of 18</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Roundup, Envive, Raptor
<b>SOIL DESCRIPTION:</b>	sandy clay loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 5.4 pH, 1.3% OM, 5.6 CEC
<b>PEST MANAGEMENT:</b>	Gramoxone, Accuron, Atrazine Mustang Max, Capreno, Atrazine
<b>FERTILITY - Applied N:</b>	225 Spring
<b>Applied N-P-K (units):</b>	225-158-200
<b>SEEDED - RATE - ROW:</b>	May 26 34.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 26 31.8 /A

### TEST COMMENTS:

Good emergence and plenty of rainfall helped the yields for this plot. Weed control was good, and disease pressure was low. Some gray leaf spot was present but did not effect standability. Overall rating of the plot was 8 out of 10. (10=best)

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AUGUSTA	A4559	3010	107	<b>223.5</b>	17.8	2	31.1	1006	1
LOCAL SEED CO	LCX07-90	None	107	<b>221.5</b>	16.6	2	31.5	1003	3
AUGUSTA	A4958	3120,B	107	<b>220.7</b>	16.2	3	31.9	1002	4
NK BRAND	NK0440-3122-EZR	3122,B	104	<b>219.7</b>	14.8	4	32.0	1004	2
SEED CONSULTANTS	SCS 1069YHR	OI	106	214.5	15.8	4	32.7	976	6
LOCAL SEED CO	LC0657 SSXRIB	STX,B	106	212.2	13.6	5	31.7	970	7
HUBNER	H4257RC2P	VT2P,B	104	210.9	14.9	3	32.4	964	8
HUBNER	H04G287	VT2P,DG,B	104	209.9	13.4	1	33.3	959	9
LOCAL SEED CO	LC0297 SSX	STX	102	206.0	14.3	2	32.5	941	10
MID-ATLANTIC	MA8056VT2P	VT2P	105	204.8	14.0	3	32.6	936	11
AUGUSTA	A4054	3010	104	204.7	15.4	0	32.3	934	12
LOCAL SEED CO	ZS0398 3110	3110	103	199.6	14.7	1	33.2	912	13
NK BRAND	NK0472-3110	3110	104	195.1	14.7	3	32.4	892	14
MID-ATLANTIC	MA8017VT2P	VT2P	101	194.5	14.0	1	30.9	889	15
MID-ATLANTIC	MA8034VT2P	VT2P	103	192.8	14.1	2	30.3	881	16
LOCAL SEED CO	LC0057 SSXRIB	STX,B	100	191.7	14.2	1	32.1	876	17
MID-ATLANTIC	MA8026VT2P	VT2P	102	183.9	14.3	0	30.3	840	18
MID-ATLANTIC	MA8074VT2P CK	VT2P	107	214.4	15.4	2	29.0	978	5

*Robin Kauffman*

Rob Kauffman

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

Averages = **206.7** **14.9** **2** **31.8** **942**  
 LSD (0.10) = 11.1 0.9 ns  
 LSD (0.25) = 5.8 0.5 ns  
 C.V. = 5.0

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

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

## 2019 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] WESTMINSTER, MD  
Doug Armagost, Carroll County, MD 21155

<b>Full-Season Test</b>	108 - 118 Day CRM B2019DMNO16b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Roundup, Envive, Raptor
<b>SOIL DESCRIPTION:</b>	sandy clay loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 5.4 pH, 1.3% OM, 5.6 CEC
<b>PEST MANAGEMENT:</b>	Gramoxone, Accuron, Atrazine Mustang Max, Capreno, Atrazine
<b>FERTILITY - Applied N:</b>	225 Spring
<b>Applied N-P-K (units):</b>	225-158-200
<b>SEEDED - RATE - ROW:</b>	May 26 34.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 26 32.0 /A

### TEST COMMENTS:

Good emergence and plenty of rainfall helped the yields for this plot. Weed control was good, and disease pressure was low. Some gray leaf spot was present but did not effect standibility. Overall rating of the plot was 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	SC-EX115YHR	OI	117	<b>292.0</b>	22.0	1	31.5	1284	1
DYNA-GRO	D55VC80	VT2P	115	<b>273.8</b>	20.1	0	31.8	1216	2
HUBNER	H4692RC2P	VT2P,B	112	<b>265.7</b>	18.3	0	33.0	1192	3
HUBNER	H4763RC2P	STX,B	115	<b>264.0</b>	22.5	0	32.1	1157	6
AUGUSTA	A4463	VT2P	113	<b>262.5</b>	17.4	3	32.4	1184	4
<i>NK BRAND</i>	<i>NK1808-3111</i>	<i>3111</i>	<i>118</i>	<b>260.4</b>	24.5	0	32.0	1128	12
HUBNER	H4890RC2P	VT2P,B	117	<b>256.9</b>	20.5	0	32.0	1138	8
HUBNER	H4390RC2P	VT2P,B	108	<b>255.7</b>	18.0	3	34.1	1149	7
SEED CONSULTANTS	SCS 1139AM	AM,B	113	251.6	18.8	7	32.7	1126	13
SEED CONSULTANTS	SCS 1087YHR	OI	108	250.7	16.3	3	31.9	1138	9
MID-ATLANTIC	MA8128VT2P	VT2P	112	250.3	17.1	3	32.6	1131	10
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112	250.1	18.5	4	31.6	1121	15
MID-ATLANTIC	MA8163VT2P	VT2P	116	249.6	19.7	0	31.1	1111	17
LOCAL SEED CO	LCX13-95 DGVT2P	VT2P,DG	113	248.8	16.1	1	30.7	1130	11
DEKALB	DKC62-53RIB GC	VT2P,B	112	247.9	16.5	1	32.1	1123	14
MID-ATLANTIC	MA8141DGVT2P	VT2P,DG	114	247.7	19.1	0	32.3	1107	18
ARMOR	1227PRO2	VT2P	112	247.2	17.6	3	32.1	1113	16
ARMOR	1118PRO2	VT2P	111	245.5	18.2	0	32.5	1102	19
SEED CONSULTANTS	SCS 1158YHR	OI,B	115	244.3	19.4	2	33.3	1090	22
LOCAL SEED CO	LC1488 VT2PRIB	VT2P,B	114	243.1	17.9	3	32.4	1094	20
DYNA-GRO	D52VC63	VT2P	112	242.3	17.8	3	32.1	1091	21
PIONEER	P1197AM GC	AM,B	111	240.2	17.9	1	32.2	1080	23
LOCAL SEED CO	LC1577 VT2PRIB	VT2P,B	115	239.8	20.4	3	32.5	1063	28
AUGUSTA	A1165	VT2P	115	238.7	21.0	0	33.2	1055	30
SEED CONSULTANTS	SCS 1105AM	AM,B	109	237.5	17.1	2	31.8	1073	25
HUBNER	H08G394	VT2P,DG,B	108	236.9	16.3	2	30.7	1075	24
NK BRAND	NK1205-3120-EZR	3120,B	112	235.6	18.6	4	32.0	1055	31
ARMOR	1299PRO2	VT2P	112	234.7	16.1	3	30.7	1066	27
CHEMGRO	7305RDP	VT2P	113	234.7	16.7	6	31.1	1062	29
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108	234.3	15.5	3	32.9	1068	26
MID-ATLANTIC	MA8074VT2P CK	VT2P	107	258.6	16.5	3	32.4	1172	5
				<b>Averages =</b>	<b>241.0</b>	<b>18.7</b>	<b>2</b>	<b>32.0</b>	<b>1079</b>
				LSD (0.10) =	12.9	1.0	2		
				LSD (0.25) =	6.8	0.5	1		
				C.V. =	5.1				

*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

2019 Corn - Delaware Maryland North [ DMNO ]

Early-Season Test Products (18 Total)

Company/Brand	Product/Brand	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	Product/Brand	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

<sup>^</sup> 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.