

2019 Corn Grain Top 30 Performance Summary for Delaware Maryland North [DMNO]

Early-Season Test

98 - 107 Day CRM

B2019DMNOa

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For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Bridgeville	Chestertown No Results	Middletown	Pungoteague REJECTED	Warwick REJECTED	Westminster
SEED CONSULTANTS	SCS 1069YHR	OI	106	231.4	14.6	4	1056	1	269.3		210.3			214.5
AUGUSTA	A4559	3010	107	222.9	16.5	1	1009	5	249.7		195.5			223.5
LOCAL SEED CO	LCX07-90	None	107	222.2	14.9	2	1013	4	247.2		198.1			221.5
HUBNER	H4257RC2P	VT2P,B	104	221.7	14.0	2	1013	3	250.0		204.2			210.9
LOCAL SEED CO	LC0297 SSX	STX	102	209.7	13.3	2	958	6	244.3		178.9			206.0
AUGUSTA	A4958	3120,B	107	209.1	14.2	6	954	9	258.4		148.3			220.7
HUBNER	H04G287	VT2P,DG,B	104	209.1	12.7	4	955	7	245.9		171.3			209.9
MID-ATLANTIC	MA8034VT2P	VT2P	103	209.0	13.3	4	955	8	251.0		183.2			192.8
MID-ATLANTIC	MA8056VT2P	VT2P	105	207.6	13.1	2	949	10	244.2		173.7			204.8
MID-ATLANTIC	MA8017VT2P	VT2P	101	205.0	13.1	1	937	11	233.5		186.9			194.5
AUGUSTA	A4054	3010	104	204.9	13.5	10	936	12	224.2		185.9			204.7
LOCAL SEED CO	LC0057 SSXRIB	STX,B	100	203.9	13.0	1	932	13	218.9		201.3			191.7
NK BRAND	NK0440-3122-EZR	3122,B	104	201.1	13.6	7	919	14	226.2		157.4	10.7		219.7
NK BRAND	NK0472-3110	3110	104	199.8	13.2	5	913	15	224.7		179.6			195.1
LOCAL SEED CO	LC0657 SSXRIB	STX,B	106	198.9	13.1	3	909	16	228.2		156.5			212.2
MID-ATLANTIC	MA8026VT2P	VT2P	102	197.8	13.1	2	904	17	228.8		180.6			183.9
LOCAL SEED CO	ZS0398 3110	3110	103	178.4	13.0	7	815	18	192.3		143.2			199.6
<i>Site lost to chemical injury</i>														
<i>Data rejected - Not in Summary</i>														
<i>Data rejected - Not in Summary</i>														
MID-ATLANTIC	MA8074VT2P CK	VT2P	107	222.8	14.3	2	1017	2	255.1		198.8	100.3	203.8	214.4
				Averages =	208.4	13.7	4	952	238.3		180.8	101.8	173.8	206.7
				LSD (0.10) =	12.0	0.6	ns		14.3		20.0	16.4	27.4	11.1
				LSD (0.25) =	6.3	0.3	ns		7.5		10.4	8.5	14.3	5.8

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$4.63

† 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. *There were 2 reps for the site.

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2019 Corn Grain Top 30 Performance Summary for Delaware Maryland North [DMNO]

Full-Season Test

108 - 118 Day CRM

B2019DMNOB

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Bridgeville	Chestertown No Results	Middletown	Pungoteague	Warwick	Westminster
DYNA-GRO	D55VC80	VT2P	115	228.8	16.2	1	1035	1	266.2		225.5	148.1	230.1	273.8
LOCAL SEED CO	LC1577 VT2PRIB	VT2P,B	115	227.6	15.8	2	1029	2	301.3		249.5	145.6	201.9	239.8
MID-ATLANTIC	MA8091VT2P	VT2P	109	224.1	14.8	2	1018	3	293.1		248.0	148.1	209.4	221.8
SEED CONSULTANTS	SC-EX115YHR	OI	117	222.8	16.4	2	1003	6	295.3		213.1	107.4	206.5	292.0
AUGUSTA	A4463	VT2P	113	222.1	14.0	2	1011	4	291.9		200.5	150.7	204.8	262.5
HUBNER	H4692RC2P	VT2P,B	112	221.6	14.4	1	1008	5	264.6		209.8	136.3	231.8	265.7
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112	220.9	14.8	2	1002	7	300.7		205.9	133.1	214.8	250.1
MID-ATLANTIC	MA8163VT2P	VT2P	116	220.0	15.4	1	997	8	277.9		223.3	147.2	201.8	249.6
AUGUSTA	A1165	VT2P	115	218.6	16.9	0	986	12	263.0		234.3	159.7	197.4	238.7
HUBNER	H4390RC2P	VT2P,B	108	218.4	14.0	2	993	10	289.3		226.6	111.6	208.8	255.7
SEED CONSULTANTS	SCS 1087YHR	OI	108	218.1	13.4	2	995	9	297.5		243.8	101.3	197.3	250.7
ARMOR	1227PRO2	VT2P	112	218.1	14.4	2	990	11	317.6		206.9	139.5	179.0	247.2
SEED CONSULTANTS	SCS 1158YHR	OI,B	115	217.1	15.8	2	982	13	293.2		219.5	120.1	208.2	244.3
DYNA-GRO	D52VC63	VT2P	112	215.7	14.5	2	980	14	299.9		226.4	150.5	159.6	242.3
HUBNER	H4763RC2P	STX,B	115	214.6	15.8	2	967	18	284.4		225.4	118.0	181.4	264.0
CHEMGRO	7505RDP	VT2P	115	214.3	16.0	3	968	17	279.3		202.2	143.4	209.2	237.3
LOCAL SEED CO	LC1697 SSX	STX	116	214.0	16.5	1	966	19	276.9		243.2	84.1	230.9	234.7
HUBNER	H08G394	VT2P,DG,B	108	212.7	13.6	1	971	15	264.2		224.0	131.3	207.1	236.9
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108	212.1	12.7	3	970	16	254.3		208.1	151.8	211.9	234.3
CHEMGRO	7145RDP	VT2P,B	111	211.5	14.4	1	962	20	259.4		223.8	144.0	199.9	230.5
SEED CONSULTANTS	SCS 1105AM	AM,B	109	210.5	13.3	2	961	21	279.3		191.8	132.5	211.4	237.5
ARMOR	1118PRO2	VT2P	111	210.4	14.2	2	955	22	285.7		179.3	126.2	215.1	245.5
SEED CONSULTANTS	SCS 1139AM	AM,B	113	208.8	14.7	3	949	24	261.1		232.4	82.6	216.2	251.6
LOCAL SEED CO	LCX13-95 DGVT2P	VT2P,DG	113	208.6	13.8	2	950	23	283.8		182.2	115.1	213.1	248.8
LOCAL SEED CO	LC1488 VT2PRIB	VT2P,B	114	207.9	14.1	3	945	25	284.1		167.9	131.9	212.5	243.1
CHEMGRO	7095RDP	VT2P,B	110	207.0	13.6	1	944	27	255.6		227.0	130.8	188.8	232.8
HUBNER	H4846RC2P	VT2P,B	118	206.6	15.3	2	935	30	295.4		148.0	148.6	208.9	232.0
MID-ATLANTIC	MA8128VT2P	VT2P	112	205.8	13.7	4	936	29	288.7		176.6	134.8	178.6	250.3
SEED CONSULTANTS	SC-EX110YHR	OI	108	205.7	14.0	3	938	28	257.3		209.2	128.5	210.3	223.3
LOCAL SEED CO	LC0978 VT2PRIB	VT2P,B	109	203.9	12.9	4	932	31	266.1		199.1	125.2	200.1	229.0
MID-ATLANTIC	MA8074VT2P CK	VT2P	107	207.0	13.1	3	945	26	270.0		210.7	112.4	183.3	258.6
<i>Robin Kauffman</i>				Averages =	208.5	14.7	2	946	275.8		202.7	124.7	198.3	241.0
Rob Kauffman				LSD (0.10) =	12.1	0.6	2		15.4		35.5	15.9	16.9	12.9
rob.kauffman@firstseedtests.info, (717) 413-0763				LSD (0.25) =	6.4	0.3	1		8.1		18.6	8.3	8.8	6.8

Site lost to chemical injury

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$4.63

† 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. *There were 2 reps for the site.

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 SSXRIB	STX,B	100
LOCAL SEED CO	LC0297 SSX	STX	102
LOCAL SEED CO	LC0657 SSXRIB	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

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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

[^] 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 Grain Technologies*

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

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