

2018 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] CHESTERTOWN
Tom Mason, Kent County, MD 21620



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Loamy sand, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, low P, medium K, 5.4 pH, 1.8% OM, 6.7 CEC
PEST MANAGEMENT: Dual II Magnum, atrazine, Capture, Capreno, simazine
FERTILITY - Applied N: 144 Spring, 2 Planter, 82 Sidedress
Applied N-P-K (units): 228-115-176
SEEDING - RATE - ROW: May 4 34,500 /A 30" spacing
HARVESTED - STAND: Oct 24 34,100 /A

All-Season Test
105 - 115 Day CRM
B2018DMNO14

Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Mid-Atlantic	MA8091VT2P	VT2P	109	224.8	12.5	3	35.4	868	1
Great Heart	HT-7302VT2PRIB	VT2P,B	113	222.2	12.9	3	32.9	858	2
Doebler	RPM 3518AM	AM,B	95	219.5	12.3	3	33.6	847	3
Augusta	A4463VT2Pro	VT2P	112	218.8	12.5	3	36.1	845	4
Great Heart	HT-7244VT2PRIB	VT2P,B	112	218.4	12.7	5	33.9	843	5
Augusta	A1165VT2ProRIB	VT2P,B	115	214.5	12.7	3	33.9	828	6
Mid-Atlantic	MA8132VT2P	VT2P	113	213.9	12.7	9	34.6	826	7
Mid-Atlantic	MA8074VT2P	VT2P	107	209.9	12.3	0	35.2	810	8
Seed Consultants	SCS 1139AM	AM,B	113	209.7	12.9	3	31.0	809	9
Armor	X8111Pro2	VT2P	111	209.6	12.6	6	33.8	809	10
Doebler	RPM 4919AM	AM	109	209.6	12.6	10	34.6	809	11
Chemgro	7095RDP	VT2P	110	208.5	12.4	3	35.5	805	12
Great Heart	HT-7486SSRIB	STX,B	114	207.7	12.7	3	34.3	802	13
Local Seed Co.	LC1349VT2P	VT2P,B	113	207.7	12.8	19	32.3	802	14
Dyna-Gro	D55VC45	VT2P	115	207.7	13.1	31	32.4	802	15
Hubner	H6867RCSS	STX,B	116	206.4	12.7	6	32.9	797	16
Armor	1447Pro2	VT2P	114	205.6	12.7	6	34.1	794	17
Seed Consultants	SCS 1105YHR	OI	110	204.4	12.8	6	34.6	789	18
Local Seed Co.	LC1487	None	114	203.5	12.6	6	35.4	786	19
Augusta	A4465GT3111	3111	114	201.6	13.0	15	33.4	778	20
Local Seed Co.	LC1289VT2P	VT2P,B	112	201.3	12.6	0	34.5	777	21
Doebler	RPM 5518AM	AM,B	115	201.0	12.6	4	35.5	776	22
Armor	1227Pro2	VT2P	112	200.5	12.6	6	33.2	774	23
Hubner	H4663RC2P	VT2P,B	113	199.9	12.4	5	36.1	772	24
Mid-Atlantic	MA8163SS	STX	116	199.6	12.5	4	34.3	770	25
Great Heart	HT-7381VT2PRIB	VT2P,B	113	198.7	12.8	2	34.8	767	26
Seed Consultants	SCS 1158YHR	OI	115	198.4	12.9	19	35.0	766	27
Mid-Atlantic	MA8107VT2P	VT2P	110	195.2	12.5	6	34.6	753	28
Seed Consultants	SCS 1125YHR	OI	112	194.9	12.8	4	31.9	752	29
Armor	0887Pro2	VT2P	108	193.8	12.8	6	32.5	748	30

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Averages =	197.9	12.6	9	34.1	764
LSD (0.10) =	18.9	0.4	17		
LSD (0.25) =	9.9	0.2	9		
C.V. =	9.1			Prev. years average yield, 181.3 bu/a, 9 yrs	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.86; non-GMO = \$3.86

Test Comments: *Corn went through the hot and dry and the wet. Late June into July was very hot and dry. Then in mid-July, the rainfall could not be shut off. Corn was still standing well except for some hybrids that root lodged but still went through the combine. Because of the early planting and late harvest, we did not see any grain moisture variation between seed products. Overall test ranking is 8 of 10 (10=best).*

† 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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Report Date: 10/26/2018 Revised:

2018 Corn Grain - Delaware Maryland North [DMNO]



All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Armor	0303Pro2	VT2P	AC,P5V	103	Seed Consultants SCS	1125YHR	OI	MQ,P1V	112
Armor	0887Pro2	VT2P	AC,P5V	108	Seed Consultants SCS	1139AM	AM,B	MQ,P1V,R	113
Armor	1227Pro2	VT2P	AC,P5V	112	Seed Consultants SCS	1158YHR	OI	MQ,P1V,R	115
Armor	1447Pro2	VT2P	AC,P2	114					
Armor	1667SS	STX	AC,P2	116					
Armor	X8111Pro2	VT2P	AC,P5V	111					
Augusta	A1165VT2ProRIB	VT2P,B	AC,P1V	115					
Augusta	A1564GT3000	3000GT	CM,C2	114					
Augusta	A4463VT2Pro	VT2P	AC,P5V	112					
Augusta	A4465GT3111	3111	AVC,C5	114					
Augusta	A4858GT3010	3010	CM,C2	108					
Augusta	A4860GT3220A	3220,A	CM,C2	110					
Augusta	A5065GT3111	3111	CM,C1	115					
Chemgro	7095RDP	VT2P	AC,P2	110					
Chemgro	7185RDP	VT2P,B	AC,P2	111					
Chemgro	7275RDP	VT2P,DG,B	AC,P2	112					
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114					
Doebblers	RPM 3518AM	AM,B	CM,C2,R,Lu	95					
Doebblers	RPM 4919AM	AM	MQ,P1V,R	109					
Doebblers	RPM 5018AM	AM,B	MQ,P1V,R	110					
Doebblers	RPM 5518AM	AM,B	MQ,P1V,R	115					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Great Heart	HT-7244VT2PRIB	VT2P,B	AC,P5V	112					
Great Heart	HT-7302VT2PRIB	VT2P,B	AC,P5V	113					
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113					
Great Heart	HT-7486SSRIB	STX,B	AC,P5V	114					
Hubner	H04G287	VT2P,DG,B	AC,P2	104					
Hubner	H4219RC2P	VT2P,B	AC,P5V	99					
Hubner	H4563RC2P	VT2P,B	AC,P2	111					
Hubner	H4663RC2P	VT2P,B	AC,P2	113					
Hubner	H6867RCSS	STX,B	AC,P5V	116					
Local Seed Co.	LC1289VT2P	VT2P,B	CM,C2	112					
Local Seed Co.	LC1349VT2P	VT2P,B	CM,C2	113					
Local Seed Co.	LC1487	None	CM,C2	114					
Mid-Atlantic	MA8074VT2P	VT2P	AC,P2	107					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P2	109					
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110					
Mid-Atlantic	MA8132VT2P	VT2P	AC,P2	113					
Mid-Atlantic	MA8163SS	STX	AC,P2	116					
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112					
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115					
Seed Consultants SC	10AGT59	3010	AVC,C2,Vi	105					
Seed Consultants SCS	1087YHR	OI	MQ,P1V,R	108					
Seed Consultants SCS	1105YHR	OI	MQ,P1V,R	110					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks 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*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
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)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
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

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

** Seed treatments may include unspecified plant health promoting components.