

2017 Corn Grain Top 30 Harvest Report

Delaware Maryland North [DMNO] PUNGOTEAGUE
Larry Custis, Accomack County, VA 23422



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

PREV. CROP/HERB: Wheat/Soybean / glyphosate
SOIL DESCRIPTION: Sandy loam, moderately drained, non-irrigated
SOIL CONDITION: No-till, very high P, very high K, 5.1 pH, 1.6% OM, 6.9 CEC
PEST MANAGEMENT: glyphosate,capreno, atrazine,capture
FERTILITY - Applied N: 90 Spring, 5 Planter, 90 Sidedress
Applied N-P-K (units): 185-0-0
SEEDING - RATE - ROW: May 3 28,000 /A 30" spacing
HARVESTED - STAND: Oct 16 25,900 /A

All-Season Test
105 - 116 Day CRM
B2017DMNO15

Top 30 of 42

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
Augusta	A1156GENSS	STX	106	229.8	18.3	3	25.7	877	1
Mid-Atlantic	MA8164VT2P	VT2P	116	226.1	19.1	0	25.7	859	2
Chemgro	7479RSX	STX,B	114	224.1	18.7	1	26.1	853	3
Hubner	H6257RCSS GC	STX,B	104	208.1	18.0	1	26.0	796	4
Mid-Atlantic	MA8107VT2P	VT2P,B	110	204.9	18.5	2	26.7	781	5
Augusta	A1166VT2ProRIB	VT2P,B	116	204.1	18.2	1	26.0	780	6
Mid-Atlantic	MA8157VT3P	VT3P	115	199.3	18.8	1	25.7	758	7
Mycogen	2C799 GC	STX,B	113	193.6	18.5	1	25.4	738	8
Doebler	RPM 5018AM^	AM,B	110	190.7	18.7	6	25.7	726	9
T.A. Seeds	TA758-28RIB	STX,B	115	190.1	18.9	1	26.3	723	10
Augusta	A7766VT2Pro	VT2P	116	189.0	18.2	1	25.6	722	11
Dekalb	DKC57-77RIB GC	VT2P,DG,B	107	188.4	18.3	2	25.4	719	12
Blue River	66G25	None	112	185.4	18.9	0	25.4	705	13
Chemgro	6875RDD	VT2P,DG,B	108	184.5	19.3	5	26.4	700	14
Viking	53-12	None	112	183.3	18.5	1	25.6	699	15
Great Heart	HT-7486SS	STX	114	182.7	19.2	1	25.6	693	16
Hubner	H4890RC2P	VT2P,B	117	179.0	19.3	3	26.1	679	17
Pioneer	P0574AM GC	AM,B	105	175.2	18.2	4	26.4	669	18
Blue River	57A30	None	107	172.7	19.0	1	24.8	656	20
Chemgro	7275RDD	VT2P,DG,B	112	172.3	18.5	2	26.4	657	19
Dyna-Gro	D52SS63	STX	112	172.3	19.9	2	26.1	651	22
Hubner	H4744RC2P	VT2P,B	113	171.6	18.3	4	24.5	655	21
Augusta	A1059GT3111	3111	109	170.7	18.5	1	25.7	651	23
Dyna-Gro	D55VC45	VT2P	115	168.2	18.5	2	25.6	641	24
Augusta	A6664VT2Pro	VT2P	114	167.6	18.4	1	26.6	639	25
Dekalb	DKC64-87RIB GC	STX,B	114	164.9	19.0	4	25.8	627	27
Doebler	RPM 5518AM^	AM,B	115	164.7	19.3	5	26.0	625	28
Viking	49-09	None	109	164.1	18.0	1	24.8	628	26
Doebler	RPM 5125AM^	AM,B	111	163.0	18.9	2	25.6	620	30
Great Heart	HT-7381VT2PRIB	VT2P,B	113	162.9	18.2	2	25.8	622	29

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Averages = **175.7** **18.7** **2** **25.9** **669**

LSD (0.10) = 29.2 ns 3

LSD (0.25) = 15.3 ns 1

C.V. = 15.7 Prev. years average yield, 205.7 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.90; non-GMO = \$3.90

Test Comments: Rain showers in mid April delayed planting until May. Soil conditions were good at planting and emergence was excellent. Summer was cool with sometimes too much rainfall, one shower brought over 6 inches and some nitrogen was probably lost. This plot had a good bit of variability due to the rains and some grass that broke late in the season. Overall rating of the plot is a 6 out 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: 10/20/2017 Revised:

2017 Corn Grain - Delaware Maryland North [DMNO]



All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1059GT3111	3111	AVC,C5	109					
Augusta	A1156GENSS	STX	AC,P5V	106					
Augusta	A1165VT2Pro	VT2P	AC,P5V	115					
Augusta	A1166VT2ProRIB	VT2P,B	AC,P1V	116					
Augusta	A6664VT2Pro	VT2P	CM,C2	114					
Augusta	A7766VT2Pro	VT2P	CM,C2	116					
Blue River	57A30	None	M	107					
Blue River	66G25	None	M	112					
Chemgro	6875RDD	VT2P,DG,B	AC,P2	108					
Chemgro	7275RDD	VT2P,DG,B	AC,P2	112					
Chemgro	7479RSX	STX,B	AC,P5V	114					
Dekalb	DKC57-77RIB GC	VT2P,DG,B	?	107					
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114					
Doebblers	RPM 4917AM^	AM,B	MQ,P1V,In	109					
Doebblers	RPM 5018AM^	AM,B	MQ,P1V,In	110					
Doebblers	RPM 5125AM^	AM,B	MQ,P1V,In	111					
Doebblers	RPM 5518AM^	AM,B	MQ,P1V,In	115					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Great Heart	HT-7302VT2P	VT2P	AC,P5V	113					
Great Heart	HT-7342VT2P	VT2P	AC,P5V	113					
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113					
Great Heart	HT-7486SS	STX	AC,P5V	114					
Hubner	H4744RC2P	VT2P,B	AC,P5V	113					
Hubner	H4755RC2P	VT2P,B	AC,P5V	114					
Hubner	H4890RC2P	VT2P,B	AC,P5V	117					
Hubner	H6257RCSS GC	STX,B	AC,P5V	104					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Mid-Atlantic	MA8063VT2P GC	VT2P	AC,P5V	106					
Mid-Atlantic	MA8107VT2P	VT2P,B	AC,P5V	110					
Mid-Atlantic	MA8152VT2P	VT2P	AC,P5V	115					
Mid-Atlantic	MA8157VT3P	VT3P	AC,P5V	115					
Mid-Atlantic	MA8164VT2P	VT2P	AC,P5V	116					
Mycogen	2C799 GC	STX,B	CM,C5,Vi,In	113					
Pioneer	P0574AM GC	AM,B	MQ,P1V	105					
Pioneer	P0843AM GC	AM,B	MQ,C2,Lu	108					
Pioneer	P1197AM GC	AM,B	MQ,C2	111					
T.A. Seeds	TA736-22DPRIB	VT2P,B	AVC,C5	113					
T.A. Seeds	TA758-28RIB	STX,B	AVC,C5	115					
Viking	42-05	None	CM,C2	105					
Viking	49-09	None	CM,C2	109					
Viking	53-12	None	CM,C2	112					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPMaxx [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPMaxx [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix [®] are trademarks of Syngenta.
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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (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 [®] TRIsect (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 [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	In	Intego™ Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL [®]
At	Actellic [®]	MQ	Maxim Quattro [®]
AVC	Avicta [®] Complete Corn	None	untreated
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme [®]	R	Raxil [®]
CM	CruiserMaxx [®] Corn	SC	SHIELDCoat™
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

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