

# 2017 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / glyphosate  
 SOIL DESCRIPTION: Silty clay loam, moderately drained, non-irrigated  
 SOIL CONDITION: No-till, very high P, high K, 5.4 pH, 2.6% OM, 8.5 CEC  
 PEST MANAGEMENT: Glyphosate, Capreno, Atrazine, Lorsban  
 FERTILITY - Applied N: 100 Fall, 90 Spring, 12 Planter  
 Applied N-P-K (units): 202-0-0  
 SEEDING - RATE - ROW: Jun 3 34,500 /A 30" spacing  
 HARVESTED - STAND: Nov 27 34,200 /A

**All-Season Test**  
**105 - 116 Day CRM**  
 B2017DMNO16

**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
Doebler	RPM 5518AM^	AM,B	115	<b>257.2</b>	17.5	1	34.5	972	2
Doebler	RPM 5125AM^	AM,B	111	<b>254.6</b>	15.2	4	35.8	976	1
Viking	53-12	None	112	<b>253.7</b>	15.8	3	35.4	969	3
Hubner	H6663RCSS	STX,B	113	<b>252.4</b>	19.3	12	37.2	942	5
T.A. Seeds	TA736-22DPRIB	VT2P,B	113	<b>249.0</b>	16.6	10	35.1	946	4
Dyna-Gro	D55VC45	VT2P	115	<b>247.5</b>	18.6	3	34.2	928	7
Pioneer	P1197AM GC	AM,B	111	<b>246.1</b>	15.6	5	36.3	941	6
Hubner	H4744RC2P	VT2P,B	113	243.4	18.6	5	33.8	913	9
Augusta	A1156GENSS	STX	106	240.0	14.0	4	34.3	922	8
Blue River	66G25	None	112	239.9	18.3	4	34.7	901	16
Augusta	A1059GT3111	3111	109	238.0	16.8	4	35.8	903	15
Pioneer	P0843AM GC	AM,B	108	237.8	15.7	5	34.6	909	11
Hubner	H4755RC2P	VT2P,B	114	237.8	16.2	14	35.4	906	14
Viking	42-05	None	105	237.5	15.1	7	33.6	911	10
Augusta	A1165VT2Pro	VT2P	115	237.5	19.6	8	35.1	885	19
Doebler	RPM 5018AM^	AM,B	110	236.8	14.8	2	33.7	909	12
Mid-Atlantic	MA8107VT2P	VT2P,B	110	236.5	15.2	9	35.9	907	13
Dyna-Gro	D52SS63	STX	112	234.1	17.2	16	33.6	886	18
Hubner	H4890RC2P	VT2P,B	117	234.0	20.6	11	34.6	866	23
Dekalb	DKC64-87RIB GC	STX,B	114	233.9	16.0	4	33.7	892	17
Augusta	A1166VT2ProRIB	VT2P,B	116	233.0	17.3	6	35.6	881	20
Great Heart	HT-7302VT2P	VT2P	113	231.7	19.5	7	33.4	864	26
Mycogen	2C799 GC	STX,B	113	231.1	19.1	4	33.9	864	27
Pioneer	P0574AM GC	AM,B	105	228.8	14.4	5	34.3	879	21
Dekalb	DKC57-77RIB GC	VT2P,DG,B	107	228.7	15.5	5	33.8	875	22
Chemgro	7275RDD	VT2P,DG,B	112	225.8	15.3	11	32.7	865	25
Mid-Atlantic	MA8063VT2P GC	VT2P	106	225.6	13.5	23	34.6	866	24
Chemgro	7479RSX	STX,B	114	224.9	17.0	3	31.5	852	29
Chemgro	6875RDD	VT2P,DG,B	108	224.4	15.3	11	34.6	860	28
Hubner	H6257RCSS GC	STX,B	104	220.7	13.5	17	35.4	847	30

*Robin Kauffman*

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Averages =	<b>232.1</b>	<b>17.2</b>	<b>8</b>	<b>34.2</b>	<b>878</b>
LSD (0.10) =	12.8	0.8	8		
LSD (0.25) =	6.7	0.4	4		
C.V. =	5.3	Prev. years average yield, 185.4 bu/a, 12 yrs			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.84; non-GMO = \$3.84

**Test Comments:** From early spring through harvest, the season was wet. Corn looked great all season long but was late to harvest because of lack of mid to late late summer heat and wet fields. Corn was still standing good at harvest with mostly tops going down.

Overall rating of the plot is a 8 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: 11/28/2017 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					
Doebler	RPM 4917AM^	AM,B	MQ,P1V,In	109					
Doebler	RPM 5018AM^	AM,B	MQ,P1V,In	110					
Doebler	RPM 5125AM^	AM,B	MQ,P1V,In	111					
Doebler	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 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPMa <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> and Phoenix <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , Power Plus <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMa <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix <sup>®</sup> 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 <sup>®</sup> 3000GT (CB,RW,LL,GT)	GT	Agrisure <sup>®</sup> GT
3010	Agrisure <sup>®</sup> 3010 (CB,LL,GT)	HX	Herculex <sup>®</sup> 1, contains LL
3011,A	Agrisure <sup>®</sup> Artesian <sup>®</sup> (CB,RW,LL,GT)	HXRW	Herculex <sup>®</sup> Rootworm, contains LL
3110	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3110 (Vip, CB,LL,GT)	HXT	Herculex <sup>®</sup> Xtra (HX,HXRW,LL)
3111	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink <sup>®</sup>
3120	Agrisure <sup>®</sup> 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure <sup>®</sup> 3122 (CB,HXX,RW,LL,GT)	OI	Optimum <sup>®</sup> Intrasect <sup>®</sup> , YHR (YGCB,HX,LL,RR2)
3220	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure <sup>®</sup> Artesian <sup>®</sup>	OIXT	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready <sup>®</sup> 2 Corn
AMX	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure <sup>®</sup> Rootworm
AMXT	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax <sup>®</sup> (VT3P,HXT,RR2,LL)
AQ	Optimum <sup>®</sup> AQUAMax <sup>®</sup>	VT2P	Genuity <sup>®</sup> VT Double PRO <sup>®</sup>
B	Refuge Blend	VT3P	Genuity <sup>®</sup> VT Triple PRO <sup>®</sup>
CB	Agrisure <sup>®</sup> Corn Borer	YGCB	YieldGard <sup>®</sup> Corn Borer
DG	Genuity <sup>®</sup> DroughtGard <sup>®</sup>		

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

### Corn Seed Treatments\*\*

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

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