

**2017 Corn Grain Top 30 Harvest Report**  
 Delaware Maryland North [ DMNO ] BRIDGEVILLE  
 Ken Arney, Sussex County, DE 19933



PREV. CROP/HERB: Wheat/Soybean / glyphosate  
 SOIL DESCRIPTION: Sandy loam, moderately drained, irrigated  
 SOIL CONDITION: Conventional w/o fall till, very high P, very high K, 5.3 pH, 1.5% OM, 4.8 CEC  
 PEST MANAGEMENT: Capreno, Attrex,Lorsban,Quilt  
 FERTILITY - Applied N: 175 Spring, 40 Sidedress  
 Applied N-P-K (units): 215-0-0  
 SEEDING - RATE - ROW: May 2 34,000 /A 30" spacing  
 HARVESTED - STAND: Oct 17 33,100 /A

**All-Season Test**  
**105 - 116 Day CRM**  
 B2017DMNO14

**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
Hubner	H4890RC2P	VT2P,B	117	<b>276.8</b>	20.9	11	33.5	1,039	2
Augusta	A1165VT2Pro	VT2P	115	<b>275.3</b>	19.5	0	33.2	1,043	1
Doebler	RPM 5518AM^	AM,B	115	<b>273.5</b>	19.2	0	33.6	1,038	3
Great Heart	HT-7302VT2P	VT2P	113	<b>264.0</b>	19.2	10	32.9	1,002	6
Doebler	RPM 5018AM^	AM,B	110	<b>262.8</b>	17.3	6	33.6	1,010	4
Doebler	RPM 5125AM^	AM,B	111	<b>262.6</b>	18.1	2	32.8	1,004	5
Pioneer	P1197AM GC	AM,B	111	<b>260.5</b>	18.2	3	33.5	995	7
Hubner	H4744RC2P	VT2P,B	113	<b>259.4</b>	19.6	1	33.5	982	9
Mid-Atlantic	MA8107VT2P	VT2P,B	110	<b>258.6</b>	18.4	3	33.5	987	8
Great Heart	HT-7381VT2PRIB	VT2P,B	113	<b>257.7</b>	20.3	2	33.2	971	11
Viking	42-05	None	105	<b>255.7</b>	18.3	0	32.9	976	10
Augusta	A6664VT2Pro	VT2P	114	<b>254.3</b>	18.2	3	33.3	971	12
Hubner	H6663RCSS	STX,B	113	253.8	18.9	5	33.5	965	13
Mid-Atlantic	MA8164VT2P	VT2P	116	253.2	19.6	5	33.9	958	14
Dyna-Gro	D55VC45	VT2P	115	251.4	19.8	18	33.9	950	15
Augusta	A1166VT2ProRIB	VT2P,B	116	248.6	18.6	2	32.8	947	17
Dekalb	DKC64-87RIB GC	STX,B	114	248.3	18.3	2	33.9	948	16
T.A. Seeds	TA758-28RIB	STX,B	115	246.6	19.8	3	33.2	932	20
Chemgro	7275RDD	VT2P,DG,B	112	246.3	18.0	2	33.1	942	18
Doebler	RPM 4917AM^	AM,B	109	245.9	18.8	0	33.5	936	19
Mid-Atlantic	MA8157VT3P	VT3P	115	245.6	19.8	0	32.2	928	21
Augusta	A7766VT2Pro	VT2P	116	242.5	19.6	6	32.9	918	22
Mid-Atlantic	MA8152VT2P	VT2P	115	237.7	19.7	5	32.2	899	23
Great Heart	HT-7342VT2P	VT2P	113	232.9	18.7	5	32.8	887	25
T.A. Seeds	TA736-22DPRIB	VT2P,B	113	231.9	17.9	2	33.7	888	24
Pioneer	P0843AM GC	AM,B	108	229.8	17.6	6	33.6	881	26
Dyna-Gro	D52SS63	STX	112	229.8	18.7	25	33.1	875	28
Hubner	H6257RCSS GC	STX,B	104	228.3	17.5	2	32.5	876	27
Chemgro	6875RDD	VT2P,DG,B	108	226.7	18.1	6	33.5	867	29
Pioneer	P0574AM GC	AM,B	105	223.8	17.2	3	33.5	861	30

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Averages =	<b>226.0</b>	<b>18.8</b>	<b>12</b>	<b>33.1</b>	<b>860</b>
LSD (0.10) =	28.2	0.6	14		
LSD (0.25) =	14.8	0.3	7		
C.V. =	11.8	Prev. years average yield, 207.7 bu/a, 12 yrs			

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

**Test Comments:** Overall growing conditions were good. Ken expected a little higher yields but lack of heat and some nitrogen not being available held back yield. Certain hybrids in this plot showed poor root development and laid over after a few minor storms, any lodging was due to this lack of root strength. Overall rating of this plot as 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: 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 <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. VPMaxx <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> , VPMaxx <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.