

**2016 Corn Grain Top 30 Harvest Report**  
 Delaware Maryland North [ DMNO ] WESTMINSTER  
 Doug Armagost, Carroll County, MD 21155



PREV. CROP/HERB: Soybean / glyphosate  
 SOIL DESCRIPTION: Gleneig loam, moderately drained, non-irrigated  
 SOIL CONDITION: No-till, mod. low P, moderate K, 5.7 pH, 3.6% OM  
 PEST MANAGEMENT: Acuron, Capture  
 FERTILITY - Applied N: 100 Fall, 100 Spring, 11 Planter  
 Applied N-P-K (units): 211-36-0  
 SEEDING - RATE - ROW: Jun 1 34,000 /A 30" spacing  
 HARVESTED - STAND: Nov 3 33,600 /A

**All-Season Test**  
**105 - 115 Day CRM**  
 B2016DMNO17

**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
Mycogen	MY10Z28	STX,B	110	226.7	17.6	4	33.9	881	1
Augusta	A6465VT2Pro	VT2P	114	225.8	19.8	14	32.5	865	6
Hubner	H4744RC2P	VT2P,B	113	225.6	18.7	5	34.5	870	3
Pioneer	P1197AM GC	AM,B	111	224.4	16.9	4	34.1	876	2
Doebler	RPM 4917AM^	AM,B	109	222.4	17.2	20	31.6	866	4
Augusta	A6664VT2Pro	VT2P	114	221.8	20.7	2	33.4	845	9
Augusta	A1108VT2ProRIB	VT2P,B	108	220.8	16.7	31	34.7	863	7
AgriGold	A6441STXRIB	STX,B	109	220.6	16.0	1	32.7	866	5
Chemgro	7479RSX	STX	114	220.4	18.5	6	33.9	851	8
Mycogen	MY13M87	STX	113	218.5	18.7	3	32.9	843	10
Augusta	A7766VT2Pro	VT2P	116	217.9	22.6	3	34.5	819	22
Dyna-Gro	D52VC91	VT2P	112	217.5	18.8	2	33.8	838	14
Dekalb	DKC62-08RIB GC	STX,B	112	216.1	17.7	3	33.2	839	12
Hubner	H6624RCSS	STX,B	113	215.6	19.0	27	33.6	830	15
Hubner	H4359RC2P	VT2P,B	107	215.4	16.5	16	33.3	843	11
Augusta	A1565GTCBLL	GT/CB/LL	115	215.2	19.4	14	32.9	826	18
Augusta	A1564GTCBLL	GT/CB/LL	114	215.0	17.0	3	33.7	839	13
Doebler	RPM 4717AM^	AM,B	107	211.9	16.6	12	33.4	829	16
Mycogen	2C799	STX,B	113	210.7	18.5	3	34.6	814	23
Mycogen	X13652VH	HXT,RR2	109	210.6	17.2	13	32.8	820	20
TA Seeds	TA667-31	3111	111	210.3	17.1	11	34.5	820	21
Mid-Atlantic	MA8107VT2P	VT2P	110	210.0	15.3	16	34.2	828	17
AgriGold	A6462STXRIB	STX,B	110	209.3	17.5	6	34.3	814	24
Doebler	RPM 5125AM^	AM,B	111	209.2	15.9	7	33.9	822	19
TA Seeds	TA736-22DPRIB	VT2P,B	113	208.8	18.3	11	32.1	808	25
AgriGold	A6572STX	STX	114	208.2	18.3	4	32.7	805	28
Dyna-Gro	D54VC52	VT2P	114	207.0	18.9	20	31.8	797	30
Chemgro	7275RDD	VT2P,DG	112	206.2	16.5	11	32.9	807	26
Doebler	RPM 4816AM^	AM,B	108	206.0	17.1	10	34.3	803	29
Chemgro	6875RDD	VT2P,DG	108	204.2	15.2	22	34.1	806	27

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Averages =	<b>207.4</b>	<b>17.8</b>	<b>10</b>	<b>33.6</b>	<b>805</b>
LSD (0.10) =	20.8	1.4	15		
LSD (0.25) =	14.5	1.0	10		
C.V. =	7.4	Prev. years average yield, 189.4 bu/a, 11 yrs			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.95; non-GMO = \$3.95

**Test Comments:** *Excellent stand and early growth. Corn looked great for most of the season. High temperatures in August and September prevented yields from reaching the yield potential we saw last year at this site. Some broken stalks due to strong storms and some anthracnose was present in the field. Overall rating of this plot is 7 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

2016 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
AgriGold	A6441STXRIB	STX,B	AC,P5V	109	Pioneer	P1197AM GC	AM,B	MQ,C2	111
AgriGold	A6462STXRIB	STX,B	AC,P5V	110	TA Seeds	TA667-31	3111	CM,C2	111
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	TA Seeds	TA736-22DPRIB	VT2P,B	CM,C2	113
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6572STX	STX	AC,P5V	114					
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A1564GTCBLL	GT/CB/LL	AVC,C5	114					
Augusta	A1565GTCBLL	GT/CB/LL	AVC,C5	115					
Augusta	A5062GT3110	3110	AVC,C5	112					
Augusta	A6465VT2Pro	VT2P	AC,P2	114					
Augusta	A6664VT2Pro	VT2P	CM,C1	114					
Augusta	A7766VT2Pro	VT2P	CM,C2	116					
Chemgro	6875RDD	VT2P,DG	AC,P5V	108					
Chemgro	7275RDD	VT2P,DG	AC,P5V	112					
Chemgro	7479RSX	STX	AC,P5V	114					
Dekalb	DKC57-77RIB GC	VT2P,DG,B	AC,P2	107					
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112					
Doebler	RPM 4717AM^	AM,B	MQ,P1V	107					
Doebler	RPM 4816AM^	AM,B	MQ,P1V	108					
Doebler	RPM 4917AM^	AM,B	MQ,P1V	109					
Doebler	RPM 5015AM^	AM,AQ,B	MQ,P1V	110					
Doebler	RPM 5125AM^	AM,B	MQ,P1V	111					
Doebler	RPM 5315AM^	AM,B	MQ,P1V	113					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
Hubner	H14G153	VT2P,DG,B	AC,P5V	114					
Hubner	H4359RC2P	VT2P,B	AC,P5V	107					
Hubner	H4744RC2P	VT2P,B	AC,P5V	113					
Hubner	H6254RCSS	STX,B	AC,P5V	105					
Hubner	H6345RCSS	STX,B	AC,P5V	105					
Hubner	H6624RCSS	STX,B	AC,P5V	113					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P2	108					
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110					
Mid-Atlantic	MA8122SS	STX	AC,P5V	112					
Mid-Atlantic	MA8144VT2P	VT2P	AC,P2	114					
Mid-Atlantic	MA8147VT2P	VT2P	AC,P2	114					
Mid-Atlantic	MA8152VT2P	VT2P	AC,P2	115					
Mid-Atlantic	MA8159VT2P	VT2P	AC,P2	115					
Mycogen	2C799	STX,B	CM,C5,Vi,In	113					
Mycogen	MY10Z28	STX,B	CM,C5,Vi,In	110					
Mycogen	MY13M87	STX	CM,C1,Vi,In	113					
Mycogen	X13652VH	HXT,RR2	CM,C5,Vi,In	109					
Phoenix	5352AS4^ GC	3111,A	AVC,C2,Vi	109					

## 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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
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)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

### Corn Seed Treatments\*\*

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	Accelaron® fungicide products	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	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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