

**2014 Corn Grain Top 30 Harvest Report**  
 Delaware Maryland North [ DMNO ] MIDDLETOWN  
 Bill Alfree, New Castle County, DE 19709



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

PREV. CROP/HERB: Soybean / glyphosate  
 SOIL DESCRIPTION: Loamy sand, mod. well drained, conventional w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, mod. high K, 6.4 pH, 2.6% OM  
 PEST MANAGEMENT: Lexar, Princep, Quilt Xcel, Warrior  
 FERTILITY - Applied N: 168 Spring, 7 Planter, 133 Sidedress  
 Applied N-P-K (units): 308-180-136  
 SEEDED - RATE - ROW: May 6 33,500 /A 30" spacing  
 HARVESTED - STAND: Oct 6 32,400 /A

**All-Season Test**  
**105 - 115 Day CRM**  
 B2014DMNO13

**Top 30 of 48**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hubner	H4663RC2P	VT2P,B	AC,P5V	113	<b>303.2</b>	25.1	0	32.9	888	1
Augusta	A6664VT2Pro	VT2P	AC,P5V	114	<b>283.5</b>	28.6	0	33.3	805	8
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	<b>282.4</b>	23.7	1	32.4	837	2
Doebler	RPM 5015AM^	AM,B	MQ,P1V	110	278.0	23.4	0	32.3	826	4
TA Seeds	TA625-30	3110	CM,C2	110	276.7	25.0	0	32.0	811	5
Doebler	RPM 5315AMXT^	AMXT,B	MQ,P1V	113	276.6	25.6	0	33.6	806	7
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	275.6	21.7	1	29.3	830	3
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	273.8	27.3	1	32.8	786	13
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112	272.6	25.6	0	33.8	795	9
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	271.6	22.9	0	30.1	810	6
Axis	64K24RIB	VT2P,B	AC,P5V	114	269.7	29.7	0	32.4	759	23
TA Seeds	TA744-22DPRIB	VT2P,B	CM,C2	114	267.2	28.7	0	31.4	758	24
Armor	1330Pro2	VT2P	AC,P5V	113	266.2	23.5	0	32.8	790	10
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114	266.2	26.8	0	31.6	768	20
Dekalb	DKC61-89RIB GC	VT2P,B	AC,P2	111	264.9	23.2	0	33.4	788	11
Chemgro	7146R3P	VT3P,B	AC,P2	111	264.8	23.3	0	33.1	787	12
Mycogen	2V717	STX,B	CM,C2	111	263.3	23.9	1	32.6	779	17
Mid-Atlantic	MA8086STX	STX	AC,P2	108	262.6	22.8	0	32.7	784	14
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	262.4	27.6	0	34.1	752	26
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	261.7	24.4	0	32.8	771	19
Dekalb	DKC57-50 GC	VT3	AC,P2	107	260.0	22.1	0	32.0	781	16
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	259.7	22.7	0	32.6	776	18
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	258.0	20.9	1	33.7	782	15
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112	257.4	26.5	0	34.5	745	30
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106	255.5	23.2	0	34.2	760	22
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	255.5	24.9	0	32.1	749	27
Pioneer	P1105AM GC	AM,B	MQ,C2	111	252.9	24.1	1	31.3	747	28
Doebler	RPM 5115AM^	AM,B	MQ,P1V	111	252.6	21.5	1	32.1	762	21
Pioneer	P0604AM GC	AM,B	MQ,C2	106	251.7	22.5	6	32.5	753	25
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	251.6	23.4	0	31.5	747	29

*Robin Kauffman*

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Test Average =	<b>260.7</b>	<b>25.3</b>	<b>0</b>	<b>32.4</b>	<b>762</b>
LSD (0.10) =	21.4	1.4	1		
LSD (0.25) =	14.9	1.0	1		
C.V. =	6.0	4.0			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$3.18 Local GMO / \$3.18 non-GMO

**Test Comments:** Bill Alfree was very pleased with the 250 bu/acre corn yield he harvested around our test. The test average exceeded that with several hybrids over 275 bu/acre. Despite less rainfall than 2013, it was timely and moderate, minimizing nutrient leaching issues. Temperature was moderate all summer to limit crop stress. Grain moistures were above normal (fungicide application induced?).

† See last page for abbreviation descriptions. Dark green 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: 10/8/2014 Revised:

2014 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	A6408VT3PRIB	VT3P,B	AC,P5V	107	TA Seeds	TA625-30	3110	CM,C2	110
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	TA Seeds	TA744-22DPRIB	VT2P,B	CM,C2	114
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6559STXRIB	STX,B	AC,P5V	113					
Armor	1330Pro2	VT2P	AC,P5V	113					
Armor	1550Pro2	VT2P	AC,P5V	115					
Armor	1555Pro2	VT2P	AC,P5V	115					
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Augusta	A6664VT2Pro	VT2P	AC,P5V	114					
Axis	64K24RIB	VT2P,B	AC,P5V	114					
Axis	64T22RIB	VT2P,B	AC,P5V	114					
Axis	66A22RIB	VT2P,B	AC,P5V	116					
Chemgro	7146R3P	VT3P,B	AC,P2	111					
Chemgro	7435RDP	VT2P,B	AC,P2	114					
Chemgro	7536R3P	VT3P,B	AC,P2	115					
Dekalb	DKC57-50 GC	VT3	AC,P2	107					
Dekalb	DKC61-89RIB GC	VT2P,B	AC,P2	111					
Doebler	RPM 5015AM^	AM,B	MQ,P1V	110					
Doebler	RPM 5115AM^	AM,B	MQ,P1V	111					
Doebler	RPM 5315AMXT^	AMXT,B	MQ,P1V	113					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114					
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114					
Hubner	H4359RC2P	VT2P,B	AC,P5V	107					
Hubner	H4663RC2P	VT2P,B	AC,P5V	113					
Hubner	H4744RC2P	VT2P,B	AC,P5V	113					
Mid-Atlantic	MA5122GT3	3000GT	CM,C2	112					
Mid-Atlantic	MA8062VT3P	VT3P	AC,P2	106					
Mid-Atlantic	MA8065STX	STX	AC,P2	106					
Mid-Atlantic	MA8086STX	STX	AC,P2	108					
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109					
Mid-Atlantic	MA8121VT3P	VT3P	AC,P2	112					
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112					
Mycogen	2C799	STX,B	CM,C2	114					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
Mycogen	2Y767	STX,B	CM,C2	114					
Pioneer	P0604AM GC	AM,B	MQ,C2	106					
Pioneer	P1105AM GC	AM,B	MQ,C2	111					
Spectrum	5967	None	CM,C2,St	109					
Spectrum	6241	None	CM,C2,St	112					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaax® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaax® and XL® are registered trademarks of DuPont Pioneer.
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/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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