

2016 Corn Grain Top 30 Harvest Report
 Delaware Maryland North [DMNO] CHESTERTOWN
 Tom Mason, Kent County, MD 21620



PREV. CROP/HERB: Soybean / atrazine, Princep, glyphosate
 SOIL DESCRIPTION: Matapeake silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, moderate P, moderate K, 5.8 pH, 3.2% OM
 PEST MANAGEMENT: Capture, Capreno, Aatrex, glyphosate
 FERTILITY - Applied N: 60 Fall, 100 Spring
 Applied N-P-K (units): 160-25-60
 SEEDING - RATE - ROW: Jun 7 34,000 /A 30" spacing
 HARVESTED - STAND: Oct 31 32,200 /A

All-Season Test
105 - 115 Day CRM
 B2016DMNO18

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
Hubner	H6624RCSS	STX,B	113	255.5	15.2	42	31.6	982	1
Pioneer	P1197AM GC	AM,B	111	248.4	14.7	10	32.3	956	2
Mid-Atlantic	MA8159VT2P	VT2P	115	243.9	15.1	7	32.8	938	3
Dyna-Gro	D52VC91	VT2P	112	242.0	14.5	12	31.8	932	4
AgriGold	A6441STXRIB	STX,B	109	239.2	13.8	3	31.1	921	5
Mid-Atlantic	MA8107VT2P	VT2P	110	237.0	14.6	45	31.9	912	6
AgriGold	A6499STXRIB	STX,B	112	237.0	16.0	2	32.5	907	8
Chemgro	7479RSX	STX	114	236.5	15.2	16	32.1	909	7
AgriGold	A6573VT3PRIB	VT3P,B	114	235.1	16.5	36	32.5	896	9
Mid-Atlantic	MA8147VT2P	VT2P	114	232.7	16.2	12	31.9	889	10
TA Seeds	TA667-31	3111	111	231.6	15.5	14	32.4	889	11
Augusta	A7766VT2Pro	VT2P	116	231.5	16.8	46	32.3	881	12
Augusta	A1108VT2ProRIB	VT2P,B	108	228.2	14.2	17	32.0	879	13
Dekalb	DKC62-08RIB GC	STX,B	112	227.8	16.1	37	32.5	871	15
Hubner	H6663RCSS	STX,B	113	227.7	15.5	19	32.5	874	14
Mid-Atlantic	MA8152VT2P	VT2P	115	226.6	16.2	22	32.3	866	18
Dyna-Gro	D54VC52	VT2P	114	226.6	16.8	46	33.2	862	19
Hubner	H4744RC2P	VT2P,B	113	226.2	15.4	14	32.7	869	16
Augusta	A6465VT2Pro	VT2P	114	225.8	17.2	39	32.3	857	21
Hubner	H4359RC2P	VT2P,B	107	225.5	14.1	37	32.3	868	17
Mid-Atlantic	MA8086VT2P	VT2P	108	223.6	13.1	20	32.3	861	20
Mycogen	2C799	STX,B	113	222.8	16.3	5	31.5	851	25
Dekalb	DKC57-77RIB GC	VT2P,DG,B	107	222.3	13.9	17	32.4	856	22
Mid-Atlantic	MA8122SS	STX	112	222.0	14.7	10	32.8	855	23
Chemgro	7275RDD	VT2P,DG	112	221.7	14.8	3	31.9	854	24
Chemgro	6875RDD	VT2P,DG	108	220.4	13.4	14	31.1	849	26
AgriGold	A6572STX	STX	114	220.1	16.5	10	31.5	839	29
TA Seeds	TA736-22DPRIB	VT2P,B	113	219.4	14.6	21	32.5	845	27
Doebler	RPM 4717AM^	AM,B	107	218.6	14.1	10	32.1	842	28
Doebler	RPM 4917AM^	AM,B	109	217.4	15.7	35	32.5	833	30

Robin Kauffman

Rob Kauffman
 rkmaits@aol.com, (717) 413-0763

Averages =	220.3	15.2	23	32.2	845
LSD (0.10) =	21.5	0.6	21		
LSD (0.25) =	15.0	0.4	14		
C.V. =	7.2	Prev. years average yield, 167.0 bu/a, 7 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.85; non-GMO = \$3.85

Test Comments: *Good soil moisture for planting and generally all growing season. Ears were placed high on the stalk which made plants vulnerable to root lodging when fall winds blew. Lodging ratings consisted of 90% root lodging. Despite the lodging severity, most hybrids did pull into the combine. Overall test rating 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

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Report Date: 11/01/2016 Revised:

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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.