

2016 Corn Grain Top 30 Harvest Report
 Delaware Maryland North [DMNO] MIDDLETOWN
 Bill Alfree, New Castle County, DE 19709



PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Reybold silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, mod. high P, mod. high K, 6.5 pH, 3.1% OM
 PEST MANAGEMENT: Cinch ATZ, Princep, Headline AMP, Fastac
 FERTILITY - Applied N: 125 Spring, 70 Sidedress
 Applied N-P-K (units): 195-138-102
 SEEDING - RATE - ROW: May 26 34,000 /A 30" spacing
 HARVESTED - STAND: Oct 20 32,500 /A

All-Season Test
105 - 115 Day CRM
 B2016DMNO13

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
Mid-Atlantic	MA8107VT2P	VT2P	110	268.9	17.3	3	32.3	963	1
Augusta	A6465VT2Pro	VT2P	114	265.9	19.1	1	32.5	941	2
Chemgro	6875RDD	VT2P,DG	108	261.5	17.0	1	32.9	939	3
Augusta	A6664VT2Pro	VT2P	114	260.3	17.7	2	32.0	930	4
Doebler	RPM 5015AM^	AM,AQ,B	110	259.5	18.5	0	32.1	922	5
Chemgro	7275RDD	VT2P,DG	112	255.7	17.9	0	32.4	912	6
Mid-Atlantic	MA8152VT2P	VT2P	115	255.6	18.0	0	32.1	911	7
Augusta	A7766VT2Pro	VT2P	116	255.3	19.7	1	32.9	899	8
Augusta	A1108VT2ProRIB	VT2P,B	108	251.2	17.4	0	32.4	899	9
Chemgro	7479RSX	STX	114	251.2	18.7	0	31.1	891	11
Doebler	RPM 4917AM^	AM,B	109	250.7	18.7	0	32.8	889	13
AgriGold	A6499STXRIB	STX,B	112	250.1	18.5	0	32.8	888	14
Doebler	RPM 5315AM^	AM,B	113	249.9	17.1	1	32.1	897	10
Mid-Atlantic	MA8122SS	STX	112	249.8	17.9	0	33.3	891	12
Hubner	H4359RC2P	VT2P,B	107	248.1	17.9	0	33.0	885	16
Augusta	A1564GTCBLL	GT/CB/LL	114	248.1	18.6	0	32.7	881	19
AgriGold	A6573VT3PRIB	VT3P,B	114	248.0	18.6	2	31.2	880	20
Dekalb	DKC62-08RIB GC	STX,B	112	247.7	17.2	2	31.9	888	15
AgriGold	A6462STXRIB	STX,B	110	247.0	17.7	0	33.3	882	18
Pioneer	P1197AM GC	AM,B	111	245.7	16.7	0	32.7	884	17
Mycogen	2C799	STX,B	113	245.7	19.3	0	32.5	868	27
Hubner	H6624RCSS	STX,B	113	245.5	17.5	1	32.4	878	21
Mid-Atlantic	MA8159VT2P	VT2P	115	245.5	19.3	1	31.9	867	29
Dyna-Gro	D52VC91	VT2P	112	244.8	18.3	0	32.8	871	23
Dyna-Gro	D54VC52	VT2P	114	244.8	18.7	2	32.4	868	28
Hubner	H14G153	VT2P,DG,B	114	243.5	17.9	4	33.0	869	25
Doebler	RPM 4816AM^	AM,B	108	243.1	17.6	0	33.3	869	26
Hubner	H6345RCSS	STX,B	105	242.9	17.0	0	33.0	872	22
Mid-Atlantic	MA8086VT2P	VT2P	108	242.4	17.0	0	32.0	870	24
Doebler	RPM 5125AM^	AM,B	111	240.8	16.8	0	32.9	866	30

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Averages =	242.5	18.1	1	32.5	864
LSD (0.10) =	15.4	0.9	4		
LSD (0.25) =	10.7	0.6	3		
C.V. =	4.7	Prev. years average yield, 184.6 bu/a, 13 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.64; non-GMO = \$3.64

Test Comments: *The wet spring delayed planting until late May but soil moisture and good temperatures allowed for uniform seedling emergence. Rainfall for the summer was above average. Temperatures were high, but never to the extreme. Disease and insect pressure was not significant. The yield levels were the best indicator of the good growing season. Overall test rating is 9 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: 10/21/2016 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 Boreer	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.