



## VIRGINIA CORN HYBRID AND MANAGEMENT TRIALS IN 2014

### Coordinators of Virginia Corn Hybrid Trials in 2014

Wade Thomason, Extension Specialist, Department of Crop and Soil Environmental Sciences, Virginia Tech  
Harry Behl, Research Specialist Senior, Department of Crop and Soil Environmental Sciences, Virginia Tech  
Elizabeth Hokanson, Research Associate, Department of Crop and Soil Environmental Sciences, Virginia Tech

#### Other contributors:

Bobby Ashburn, Agricultural Manager Senior, Tidewater Agricultural Research and Extension Center  
Bruce Beahm, Foundation Seed Manager, Virginia Crop Improvement Association Foundation Seed Farm  
Phillip Browning, Assistant Manager, Virginia Crop Improvement Association Foundation Seed Farm  
Steve Gulick, Farm Manager, Northern Piedmont Center  
Ned Jones, Farm Manager, Southern Piedmont Agricultural Research and Extension Center  
Matt Booher, Extension Agent, Rockingham County  
Jon Wooge, Agricultural Program Coordinator, College Farm, Virginia Tech

### Companies Participating in the 2014 Corn Hybrid Trials

Company	Brand	Address
Armor Seed	Armor	183 Pennsylvania Ave, Waldenburg, AR 72475
Augusta Seed	Augusta Seed	PO Box 899, Verona, VA 24482
Crop Production Services	Dyna-Gro	15277 Richmond Tappahannock Hwy, St. Stephens Church, VA 23148-0409
Doebler's	Doebler's and RPM®	202 Tiadaghton Ave., Jersey Shore, PA 17740
Dow AgroSciences	Mycogen Seeds	9330 Zionsville Rd., Indianapolis, IN 46268
Dupont Pioneer	Pioneer	59 Greif Parkway Suite 200, Delaware, OH 43015
Hubner Seed	Hubner	10280 W State Road 28, West Lebanon, IN 47991
Monsanto	Channel and DEKALB	800 N Lindbergh Blvd, St Louis, MO 63167
Meherrin Agricultural & Chemical Co.	Phoenix	413 Main St, Severn, NC 27877
Seed Consultants, Inc	Seed Consultants	648 Miami Trace Rd., Washington Crthse, OH 43160
Syngenta Seeds	NK Brand	11055 Wayzata Blvd., Minnetonka, MN 55305
T.A. Seeds LLC	T.A. Seeds	39 Seeds Lane, Jersey Shore, PA 17740
Tidewater Seed, LLC	AXIS	210 Marlboro Ave Suite 125, Easton, MD 21601

*Appreciation is expressed to the Virginia Corn Check-Off Board for financial support of this research and the Virginia Extension corn program*

# Table of Contents

Background Information, Yield Differences, Understanding Relative Yield, and Choice of Hybrids.....	3
2014 Virginia Corn Hybrid Plot Information .....	4
Table 1. List of hybrids in the 2014 Virginia Corn Hybrid & Management Trials.....	5
Table 2. Handy Bt Trait Table .....	8
Table 3. 2014 Relative yield of hybrids entered in three or more locations.....	11
Table 4. Two-year average relative yield of hybrids entered in three or more locations each year .....	15
Table 5. Three-year average relative yield of hybrids entered in three or more locations each year.....	17
Table 6. Yields at Holland, VA in 2014 .....	18
Table 7. Two-year average yields at Holland, VA in 2013 and 2014 .....	21
Table 8. Three-year average yields at Holland, VA in 2012, 2013, and 2014 .....	22
Table 9. Yields at Mt. Holly, VA in 2014 .....	23
Table 10. Two-year average yields at Mt. Holly, VA in 2013 and 2014 .....	26
Table 11. Yields at Mt. Holly, VA under irrigation in 2014.....	28
Table 12. Two-year average yields at Mt. Holly, VA under irrigation in 2013 and 2014.....	31
Table 13. Three-year average yields at Mt. Holly, VA under irrigation in 2012, 2013, and 2014.....	33
Table 14. Yields at Blackstone, VA in 2014.....	34
Table 15. Two-year average yields at Blackstone, VA in 2013 and 2014 .....	36
Table 16. Yields at Blacksburg, VA in 2014 .....	37
Table 17. Two-year average yields at Blacksburg, VA in 2013 and 2014 .....	39
Table 18. Three-year average yields at Blacksburg, VA in 2012, 2013, and 2014 .....	40
Table 19. Yields at Orange, VA in 2014 .....	41
Table 20. Two-year average yields at Orange, VA in 2013 and 2014 .....	44
Table 21. Three-year average yields at Orange, VA in 2012, 2013, and 2014 .....	45
Table 22. Yields at Shenandoah Valley in Rockingham County, VA in 2014 .....	46
Table 23. Two-year average yields at Shenandoah Valley, VA in 2013 and 2014 .....	49
Table 24. Three-year average yields at Shenandoah Valley, VA in 2012, 2013, and 2014 .....	50

## Background Information

Performance trials of commercial corn hybrids were conducted at six locations in Virginia in 2014. The Mt. Holly location consisted of both an irrigated and non-irrigated test. All locations were planted with a Wintersteiger PlotKing 2600. All locations were harvested with a Massey-Ferguson 8XP plot combine. Yields have been adjusted to 15.5% moisture. Grain test weight, moisture, and plot grain weights were measured with a GrainGauge® manufactured by HarvestMaster. A list of the companies participating in the trials is shown in the above table. All hybrids entered in the Virginia trials were those submitted by commercial companies. The locations at which particular hybrids were entered were specified by the company. Companies entering hybrids were charged a fee for each hybrid per location to support the Virginia Corn Hybrid and Management Trials.

## Yield Differences

Experimental plots vary in yield and other measurements due to location in the field and other factors which cannot be controlled. Statistics given in the tables are intended to help the reader make valid comparisons between hybrids. The magnitude of differences which may have been due to uncontrollable variation has been computed for the data and listed at the bottom of columns as the LSD (.05) (least significant difference with 95% confidence). Differences less than the LSD are assumed not to be real differences with 95% confidence.

## Understanding Relative Yield

Companies entering hybrids decide which hybrids are planted at which locations. Combining and comparing absolute yield and other results from multiple sites is inappropriate when not all hybrids are planted at all locations. For example, one hybrid might have an unfair advantage in such a comparison because it was tested only at sites with ideal growing conditions. Another hybrid tested at sites with less-than-ideal growing conditions would have yields that tended to be lower. In this example, it would be difficult to determine whether

yield differences were because of differences in genetic yield potential or simply because of differences in the environmental conditions under which they were tested. The solution is to compare hybrids based on relative yields rather than absolute yields.

To calculate relative yield, the yield for each hybrid at each site is divided by the average yield for all hybrids tested at that same site and multiplied by 100. Once each hybrid at each site has been assigned a relative yield, comparisons can be made between hybrids tested at the same site or different sites. For hybrids tested at multiple sites, we can also calculate a multi-site relative yield average.

Relative yields of 100 indicate hybrids that were average performers. Relative yields greater than 100 indicate yields above-average. Relative yields less than 100 indicate yields below-average. The magnitude of the relative yield numbers indicate how far above or below average a hybrid performed. For example, a hybrid with a relative yield of 110 yielded 10% of above the average yield for all hybrids at that site.

## Choice of Hybrids

When making hybrid selections it is important to realize that hybrids differ in their performance in different environments. Some hybrids are more adapted to a wide range of environments. Hybrid performance may vary with year and location variations in rainfall, temperature, pests and other environmental variables. In these experiments, many hybrids have essentially the same yield, and great care should be taken in interpreting the results of a single year's tests, especially at only one location. For these reasons it is important, whenever possible, to also look at a hybrid's average across locations when making hybrid selections. Multi-year averages give even greater confidence to hybrid performance decisions. The relative yield tables compare the yield of a hybrid to the average yield of all hybrids in the test. These tables are an excellent summary of yield potential compared to other hybrids.

# 2014 Virginia Corn Hybrid Plot Information

(Rates are on a per acre basis.)

## Blacksburg Whitethorne Farm

**Planted:** May 12, 2014  
**Harvested:** October 20, 2014  
**Population:** 24,500 plants/acre  
**Pesticide:** 2 qt Gly-4 Plus® + .75 lb Atrazine 90 + 1 lb Simazine 90DF + 1 oz Python® + 2 qt Bicep II Magnum® May 2, 2014; 5 lb Force® 3G at planting; 0.75 qt Atrazine 90 + 1.3 oz Permit® + 8 oz Status® + .025% Induce® June 18, 2014  
**Fertilizer:** 30-60-60 pre-plant incorporated May 9, 2014; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 15 gal 30% UAN June 24, 2014  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Type:** Hayter loam  
**Previous crop:** Corn  
**Cooperator:** Jon Wooge

## Blackstone Southern Piedmont Agricultural Research & Extension Center

**Planted:** April 11, 2014 notill into soybean stubble  
**Harvested:** September 11, 2014  
**Population:** 24,700 plants/acre  
**Pesticide:** 2 qt Roundup® + 4 qt Lexar® April 10, 2014; 5 lb Force® 3G at planting  
**Fertilizer:** 1000 lb 10-10-10 pre-plant incorporated April 9, 2014; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 80 lb N top-dressed May 14, 2014  
**Irrigation:** 1" on both May 19 and June 30, 2014  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Type:** Appling sandy loam  
**Previous crop:** Soybean  
**Cooperator:** Ned Jones

## Holland Tidewater Agricultural Research & Extension Center

**Planted:** April 24, 2014 notill  
**Harvested:** September 12, 2014  
**Population:** 23,200 plants/acre  
**Pesticide:** 1 qt Touchdown® April 3, 2014; 1 qt AAtrex® 4L + 2 qt Brawl® April 14, 2014; 5 lb Force® 3G at planting  
**Fertilizer:** 300 lb 7-18-36 March 27, 2014; 60 units N using 24-0-0-3 April 14, 2014, 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 93 units 24-0-0-3 May 30, 2014  
**Plot Size:** 2 rows 35' x 30" 4 replications  
**Soil Type:** Eunola, Nansemond, sandy loams  
**Previous crop:** Cotton  
**Cooperator:** Bobby Ashburn

## Mt Holly (dryland notill site) Virginia Crop Improvement Association Foundation Seed Farm

**Planted:** April 22, 2014 notill into soybean stubble  
**Harvested:** September 16, 2014  
**Population:** 24,800 plants/acre  
**Pesticide:** 5.5 pt Lumax® + 1 lb Princep® pre-plant

incorporated + 1 lb atrazine pre-plant; 5 lb Force® 3G at planting  
**Fertilizer:** 60-60-60 pre-plant incorporated; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 85 lb N + 11 lb S side-dressed May 28, 2014  
**Soil Type:** State fine sandy loam  
**Previous crop:** Soybean  
**Cooperator:** Bruce Beahm and Phillip Browning

## Mt Holly (irrigated site) Virginia Crop Improvement Association Foundation Seed Farm

**Planted:** April 22, 2014 notill into soybean stubble  
**Harvested:** September 20-21, 2014  
**Population:** 28,700 plants/acre  
**Pesticide:** 5.5 pt Lumax® + 1 lb Atrazine + 1 lb Princep® pre-plant incorporated; 5 lb Force® 3G at planting; 8 oz Banvel® May 20, 2014  
**Fertilizer:** 60-60-80 pre-plant incorporated; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 140 lb N + 17 lb S applied May 29, 2014  
**Irrigation:** 10.6" over the growing season  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Type:** State fine sandy loam  
**Previous crop:** Soybean  
**Cooperator:** Bruce Beahm and Phillip Browning

## Orange Northern Piedmont Center

**Planted:** May 9, 2014  
**Harvested:** September 26, 2014  
**Population:** 23,450 plants/acre  
**Pesticide:** 2.1 qt Bicep® + 1 qt Atrazine + 2 qt Gramaxone® May 6, 2014; 5 lb Force® 3G at planting; 1 oz Impact® + 5 oz Status® June 11, 2014  
**Fertilizer:** 30-80-80 May 5, 2014; 100 lb N side-dressed June 9, 2014  
**Plot Size:** 2 rows 30' x 30" 4 replications  
**Soil Type:** Davidson silt clay loam  
**Previous crop:** Soybean  
**Cooperators:** Steve Gulick

## Shenandoah Valley (Thanks to Linden Heatwole)

**Planted:** May 8, 2014 notill into rye cover  
**Harvested:** October 9, 2014  
**Population:** 23,000 plants/acre  
**Pesticide:** 1 qt Roundup® + 1 qt Wex ground conditioner + 1 pt 2,4-D + 13 oz Verdict™ + 1 lb sugar preplant; 5 lb Force® 3G at planting; 5oz NorthStar® + 7 oz Accent® post-plant  
**Fertilizer:** Preplant 2 tons chicken litter with Guardian™ N stabilizer; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 60 lb N as UAN topdressed.  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Type:** Massanetta silt loam  
**Previous crop:** Corn  
**Cooperators:** Matt Booher and Linden Heatwole

**Table 1. List of Hybrids in the 2014 VA Corn Hybrid & Management Trials**

<b>Brand</b>	<b>Hybrid</b>	<b>Trait Group<sup>1</sup></b>	<b>DTM<sup>2</sup></b>	<b>OBS<sup>3</sup></b>
Armor	0700	29	107	5
Armor	AXC2108	29	107	5
Armor	AXC3108	29	108	5
Armor	AXT4109	29	109	5
Armor	AXC4110	32	110	5
Armor	AXT3111	29	111	5
Armor	1262	29	112	5
Armor	1314	29	113	5
Armor	1330	29	113	5
Armor	AXC4114	29	114	5
Armor	1414	29	114	5
Armor	1555	32	115	5
Armor	1550	29	115	5
Armor	1616	29	116	5
Armor	AXC3117	29	117	5
Armor	1880	29	118	5
Augusta	2956	0	106	4
Augusta	4258	31A	108	3
Augusta	4461	31A	111	3
Augusta	5262GTCBLL	2	112	4
Augusta	6664	31A	114	5
Augusta	8064	31A	114	5
Augusta	5566	2	116	3
Augusta	8868	31A	118	3
Axis	64K24RIB	31	113	2
Axis	64T22RIB	30	114	4
Axis	66A22RIB	29	116	4
Channel	206-55STXRIB	33	106	2
Channel	209-53STXRIB	33	109	5
Channel	209-46STXRIB	33	109	2
Channel	211-35STXRIB	33	111	5
Channel	213-40VT3PRIB	31	113	5
Channel	214-14VT3PRIB	31	114	5
Channel	215-83STXRIB	33	115	3
Channel	215-52VT3PRIB	31	115	3
DEKALB	DKC60-67RIB	33	110	7

**Table 1. List of Hybrids in the 2014 VA Corn Hybrid & Management Trials**

<b>Brand</b>	<b>Hybrid</b>	<b>Trait Group<sup>1</sup></b>	<b>DTM<sup>2</sup></b>	<b>OBS<sup>3</sup></b>
DEKALB	DKC61-89RIB	30	111	7
DEKALB	DKC62-08RIB	33	112	7
DEKALB	DKC63-35RIB	30	113	7
DEKALB	DKC64-69RIB	31	114	7
DEKALB	DKC64-89RIB	30	114	7
DEKALB	DKC65-19RIB	31	115	7
DEKALB	DKC66-40RIB	33	116	7
DEKALB	DKC67-58RIB	30	117	7
Doebler's	RPM® 5015AM™	15	110	7
Doebler's	RPM® 5115AM™	15	111	7
Doebler's	RPM® 5215AM™	15	112	7
Doebler's	RPM® 5315AMXT™	19	113	7
Doebler's	5615GRQ	6	116	7
Doebler's	5815GRQ	6	118	7
Dyna-Gro	D50SS43	32	110	7
Dyna-Gro	D52SS91	32	112	7
Dyna-Gro	D54DC94	30	114	7
Dyna-Gro	D57VP51	31	117	7
Hubner Seed	H5420RC3P	31	110	7
Hubner Seed	H4744RC2P	30	113	7
Hubner Seed	H4663RC2P	30	113	7
Hubner Seed	H4844RC2P	30	115	7
Mycogen Seeds	2V709	34	110	4
Mycogen Seeds	2V717	34	111	4
Mycogen Seeds	2Y767	34	113	4
Mycogen Seeds	2C799	34	114	4
NK	N59B 3011A Brand	7	107	3
NK	N70J 3011A Brand	7	112	7
NK	N75H 5122A Brand	7	114	3
NK	N83D 3000GT Brand	6	117	4
Phoenix	5552A4	9	111	4
Phoenix	6522A4	9	114	4
Phoenix	6581 GTA	7	114	4
Phoenix	7402A3	9	115	4
Phoenix	6542A4	9	116	4
Phoenix	6706A4	9	116	2

Phoenix	7914A4	6	118	4
Pioneer	P0210AM	17	102	7

**Table 1. List of Hybrids in the 2014 VA Corn Hybrid & Management Trials**

<b>Brand</b>	<b>Hybrid</b>	<b>Trait Group<sup>1</sup></b>	<b>DTM<sup>2</sup></b>	<b>OBS<sup>3</sup></b>
Pioneer	P0604AM	17	106	7
Pioneer	P1105AM	17	111	7
Pioneer	P1319HR	12	113	6
Pioneer	P1498AM	17	114	7
Pioneer	P2089AM	17	120	7
Seed Consultants	SCS 10HR43™	12	103	4
Seed Consultants	SCS 1094AM-R™	15	108	4
Seed Consultants	SCS 11AQ15™	6	111	4
Seed Consultants	SCS 1131AM-R™	15	112	5
Seed Consultants	SC 11AQ35™	6	112	5
Seed Consultants	SC 11AGT43™	2	113	5
Seed Consultants	SCS 1154AM-R™	15	114	5
Seed Consultants	SCS 11HR63™	12	115	5
Seed Consultants	SCS 11AGT74™	2	116	5
Seed Consultants	SC 11AQ72™	6	117	5
T.A. Seeds	TA583-22DPRIB	30	108	2
T.A. Seeds	TA625-30	8	110	2
T.A. Seeds	TA683-13VPRIB	31	112	2
T.A. Seeds	TA753-22DPRIB	30	115	2

<sup>1</sup> Trait Group according to Table 2.

<sup>2</sup> Days to maturity (DTM) provided by company; differences in maturity rating methods may exist.

<sup>3</sup> Number of observations hybrid occurred (OBS); the greater the observations,

the more reliable the data.

Hybrids are sorted by Brand then DTM.

## Table 2. Handy Bt Trait Table

Updated October 29, 2012  
Chris DiFonzo, Michigan State University, East Lansing, MI  
*and*  
Eileen Cullen, University of Wisconsin, Madison, WI

### Abbreviations:

#### Insect targets

BCW black cutworm  
CEW corn earworm  
CRW corn rootworm  
ECB European corn borer  
FAW fall armyworm  
SB stalk borer  
WBC western bean cutworm

#### Herbicide traits

GT glyphosate tolerant  
LL Liberty Link or glufosinate tolerant  
RR2 Roundup Ready 2 (glyphosate tolerant)



<b>Table 2.</b> <b>29-Oct-12</b>	<b>Bt protein(s)</b>	<b>Insects controlled (bold)</b> <i>or suppressed (italics)</i> <i>Above-ground ----- In soil</i>	<b>Herbicide tolerance</b>	<b>Refuge %, location</b> <b>Non-cotton counties</b>	
<b>Agrisure products</b>					
1-Agrisure CB/LL	Cry1Ab	<b>ECB</b> <i>CEW FAW SB</i>	---	LL	20% within ½ mile
2-Agrisure GT/CB/LL	Cry1Ab	<b>ECB</b> <i>CEW FAW SB</i>	---	GT LL	20% within ½ mile
3-Agrisure RW	mCry3A	---	<b>CRW</b>	--	20% in field/adjacent
4-Agrisure GT/RW	mCry3A	---	<b>CRW</b>	GT	20% in field/adjacent
5-Agrisure CB/LL/RW	Cry1Ab mCry3A	<b>ECB</b> <i>CEW FAW SB</i>	<b>CRW</b>	LL	20% in field/adjacent
6-Agrisure 3000GT	Cry1Ab mCry3A	<b>ECB</b> <i>CEW FAW SB</i>	<b>CRW</b>	GT LL	20% in field/adjacent
7-Agrisure Artesian 4011	Cry1Ab mCry3A	<b>ECB</b> <i>CEW, FAW, SB</i>	<b>CRW</b>	GT LL	20% in field/adjacent
8-Agrisure Viptera 3110	Cry1Ab Vip3A	<b>BCW CEW</b> <b>ECB FAW WBC SB</b>	---	GT LL	20% within ½ mile
9-Agrisure Viptera 3111	Cry1Ab mCry3A Vip3A	<b>BCW CEW</b> <b>ECB FAW WBC SB</b>	<b>CRW</b>	GT LL	20% in field/adjacent
10-Agrisure 3122 E-Z Refuge	Cry1Ab Cry1F mCry3A Cry34/35Ab1	<b>BCW ECB FAW WBC</b> <i>CEW SB</i>	<b>CRW</b>	GT	<b>5% in the bag</b>
11-Agrisure Viptera 3220 E-Z Refuge	Cry1Ab Cry1F Vip3A	<b>BCW CEW</b> <b>ECB FAW WBC SB</b>	---	GT	<b>5% in the bag</b>
<b>Herculex products</b>					
12-Herculex 1 (HX1)	Cry1F	<b>BCW ECB FAW</b> <b>WBC</b> <i>CEW SB</i>	---	LL RR2 (some)	20% within ½ mile
13-Herculex RW (HXRW)	Cry34/35Ab1	---	<b>CRW</b>	LL RR2 (some)	20% in field/adjacent
14-Herculex XTRA (HXX)	Cry1F Cry34/35Ab1	<b>BCW ECB FAW</b> <b>WBC</b> <i>CEW SB</i>	<b>CRW</b>	LL RR2 (some)	20% in field/adjacent
<b>Optimum products</b>					
15-Optimum (AM-R) AcreMax	Cry1F Cry1Ab	<b>BCW ECB FAW</b> <b>WBC</b> <i>CEW SB</i>	---	RR2	<b>5% in the bag</b>
16-Optimum (AMRW-R) AcreMax Rootworm	Cry34/35Ab1	---	<b>CRW</b>	RR2	<b>10% in the bag</b>
17-Optimum (AM1) AcreMax1	Cry1F Cry34/35Ab1	<b>BCW ECB FAW</b> <b>WBC</b> <i>CEW SB</i>	<b>CRW</b>	LL RR2	<b>10% in the bag</b> (CRW) 20% -½ mile (ECB)

18-Optimum (AMX-R) AcreMax Xtra	Cry1F Cry1Ab Cry34/35Ab1	<b>BCW ECB FAW WBC</b> CEW SB	<b>CRW</b>	RR2	<b>10% in the bag</b>
19-Optimum (AMXT-R) AcreMax Xtreme	Cry1F Cry1Ab mCry3A Cry34/35Ab1	<b>BCW ECB FAW WBC</b> CEW SB	<b>CRW</b>	RR2	<b>5% in the bag</b>
20-Optimum Intrasect	Cry1F Cry1Ab	<b>BCW ECB FAW WBC</b> CEW SB	---	LL RR2	5% within ½ mile
21-Optimum Intrasect Xtra	Cry1F Cry1Ab Cry34/35Ab1	<b>BCW ECB FAW WBC</b> CEW SB	<b>CRW</b>	LL RR2	20% in field/adjacent
22-Optimum Intrasect Xtreme	Cry1F Cry1Ab mCry3A Cry34/35Ab1	<b>BCW ECB FAW WBC</b> CEW SB	<b>CRW</b>	LL RR2	5% in field/adjacent
23-Optimum TRIssect	Cry1F mCry3A	<b>BCW ECB FAW WBC</b> CEW SB	<b>CRW</b>	LL RR2	20% in field/adjacent
<b>YieldGard products</b>					
24-YGCB	Cry1Ab	<b>ECB</b> CEW FAW SB	---	RR2 (some)	20% within ½ mile
25-YGRW	Cry3Bb1	---	<b>CRW</b>	RR2 (some)	20% in field/adjacent
26-YieldGard Plus	Cry1Ab Cry3Bb1	<b>ECB</b> CEW FAW SB	<b>CRW</b>	RR2 (some)	20% in field/adjacent
27-YieldGard VTRW	Cry3Bb1	---	<b>CRW</b>	RR2	20% in field/adjacent
28-YieldGard VT Triple	Cry1Ab Cry3Bb1	<b>ECB</b> CEW FAW SB	<b>CRW</b>	RR2	20% in field/adjacent
<b>Genuity / SmartStax products</b>					
29-Genuity VT Double PRO	Cry1A.105 Cry2Ab2	<b>CEW ECB FAW</b>	---	RR2	5% within ½ mile
30-Genuity VT Double PRO RIB Complete	Cry1A.105 Cry2Ab2	<b>CEW ECB FAW</b>	---	RR2	<b>5% in the bag</b>
31-Genuity VT Triple PRO RIB Complete	Cry1A.105 Cry2Ab2 Cry3Bb1	<b>CEW ECB FAW</b>	<b>CRW</b>	RR2	<b>10% in the bag</b>
32-SmartStax (Dow) or Genuity SmartStax (Monsanto)	Cry1A.105 Cry2Ab2 Cry1F Cry3Bb1 Cry34/35Ab1	<b>BCW CEW</b> <b>ECB FAW WBC</b> SB	<b>CRW</b>	LL RR2	5% in field/adjacent
33-Genuity SmartStax RIB Complete	Same as Genuity SmartStax	<b>BCW CEW</b> <b>ECB FAW WBC SB</b>	<b>CRW</b>	LL RR2	<b>5% in the bag</b>
34-REFUGE ADVANCED Powered by SmartStax	Same as SmartStax	<b>BCW CEW</b> <b>ECB FAW WBC SB</b>	<b>CRW</b>	LL RR2	<b>5% in the bag</b>

**Table 3. 2014 RELATIVE YIELD\* of corn hybrids entered in three or more locations - Virginia Tech Trials.**

Brand/Company	Hybrid	DTM per Co. <sup>1</sup>	Holland	Black- stone	Mt Holly Dryland	Mt Holly Irrigated	Black- burg	Orange	Shenan- doah	Mean
<b>&lt;108 Days Relative Maturity</b>										
Pioneer	P0604AM	106	96	103	110	96	102	107	94	101
Armor	0700	107	114	---	101	96	---	93	100	101
Armor	AXC2108	107	97	---	107	92	---	92	92	96
NK	N59B 3011A Brand	107	---	---	87	95	---	105	---	96
Seed Consultants	SCS 10HR43™	103	---	---	120	86	85	---	88	95
Pioneer	P0210AM	102	76	88	108	85	90	92	90	90
Augusta	2956	106	95	---	74	96	---	90	---	89
<b>108-111 Days Relative Maturity</b>										
Doebler's	RPM® 5015AM™	110	107	114	126	101	78	112	114	108
Armor	AXT3111	111	106	---	107	98	---	103	114	106
Seed Consultants	SCS 11AQ15™	111	---	---	97	93	113	---	106	102
Phoenix	5552A4	111	106	101	108	91	---	---	---	101
DEKALB	DKC61-89RIB	111	97	104	97	108	104	98	100	101
Channel	209-53STXRIB	109	---	92	117	96	---	96	101	100
Seed Consultants	SCS 1094AM-R™	108	---	---	106	102	84	---	103	99
Hubner Seed	H5420RC3P	110	91	97	90	104	101	97	109	98
Mycogen Seeds	2V709	110	102	---	86	105	---	---	100	98
Channel	211-35STXRIB	111	---	82	107	94	---	101	105	98
Mycogen Seeds	2V717	111	85	---	96	98	---	---	105	96
DEKALB	DKC60-67RIB	110	95	90	110	99	90	95	90	96
Armor	AXC4110	110	87	---	100	100	---	98	90	95
Armor	AXT4109	109	86	---	97	104	---	91	94	94
Armor	AXC3108	108	98	---	104	104	---	85	80	94
Augusta	4258	108	98	---	77	96	---	---	---	90
Dyna-Gro	D50SS43	110	87	89	92	99	86	92	87	90
Pioneer	P1105AM	111	92	109	69	94	98	83	87	90

**Table 3. 2014 RELATIVE YIELD\* of corn hybrids entered in three or more locations - Virginia Tech Trials, continued.**

Brand/Company	Hybrid	DTM per		Black- stone	Mt Holly Dryland	Mt Holly Irrigated	Black- burg	Orange	Shenan- doah	Mean
		Co. <sup>1</sup>	Holland							
Doebler's	RPM® 5115AM™	111	72	86	72	88	94	85	111	87
Augusta	4461	111	87	---	79	88	---	---	---	85
<b>112-115 Days Relative Maturity</b>										
Dyna-Gro	D54DC94	114	126	118	137	104	112	113	120	119
Seed Consultants	SCS 1131AM-R™	112	---	---	93	111	112	103	131	110
Armor	1414	114	110	---	129	102	---	101	103	109
Phoenix	7402A3	115	102	97	133	103	---	---	---	108
Hubner Seed	H4663RC2P	113	110	97	130	114	93	112	98	108
Augusta	6664	114	110	---	113	111	---	100	104	108
Armor	AXC4114	114	88	---	125	101	---	102	117	107
DEKALB	DKC63-35RIB	113	102	100	112	109	103	101	116	106
Hubner Seed	H4844RC2P	115	104	98	112	102	107	113	104	106
DEKALB	DKC65-19RIB	115	117	100	106	101	108	108	98	106
Seed Consultants	SC 11AGT43™	113	---	---	110	97	106	102	111	105
Armor	1330	113	105	---	100	104	---	105	109	105
Armor	1555	115	99	---	102	106	---	117	97	104
DEKALB	DKC62-08RIB	112	108	100	96	102	113	111	96	104
Axis	64T22RIB	114	106	---	109	91	---	109	---	104
Channel	215-83STXRIB	115	---	108	---	---	---	99	105	104
Channel	213-40VT3PRIB	113	---	109	108	103	---	101	95	103
Dyna-Gro	D52SS91	112	104	106	101	103	104	108	94	103
Hubner Seed	H4744RC2P	113	92	108	100	103	100	108	106	102
Armor	1550	115	103	---	88	104	---	113	102	102
NK	N75H 5122A Brand	114	---	---	104	102	---	---	100	102
Seed Consultants	SCS 11HR63™	115	---	---	58	114	117	104	116	102
Phoenix	6581 GTA	114	115	86	111	94	---	---	---	101
Phoenix	6522A4	114	94	114	103	94	---	---	---	101

**Table 3. 2014 RELATIVE YIELD\* of corn hybrids entered in three or more locations - Virginia Tech Trials, continued.**

Brand/Company	Hybrid	DTM per		Black- stone	Mt Holly Dryland	Mt Holly Irrigated	Black- burg	Orange	Shenan- doah	Mean
		Co. <sup>1</sup>	Holland							
DEKALB	DKC64-89RIB	114	88	105	108	108	93	109	96	101
Augusta	5262GTCBLL	112	98	---	108	95	---	---	98	100
NK	N70J 3011A Brand	112	92	104	134	98	85	96	90	100
Mycogen Seeds	2C799	114	100	---	112	94	---	---	93	100
Pioneer	P1319HR	113	112	---	74	105	95	104	105	99
Armor	1314	113	97	---	106	95	---	97	94	98
Channel	215-52VT3PRIB	115	---	94	---	---	---	97	101	98
Seed Consultants	SC 11AQ35™	112	---	---	107	92	88	100	100	97
Armor	1262	112	103	---	93	98	---	104	87	97
Channel	214-14VT3PRIB	114	---	103	79	104	---	98	100	97
Seed Consultants	SCS 1154AM-R™	114	---	---	83	99	109	89	104	97
Doebler's	RPM® 5215AM™	112	85	100	110	97	92	89	92	95
DEKALB	DKC64-69RIB	114	86	97	73	103	99	104	90	93
Pioneer	P1498AM	114	84	102	83	93	105	105	79	93
Doebler's	RPM® 5315AMXT™	113	114	103	44	104	93	103	79	91
Mycogen Seeds	2Y767	113	100	---	87	91	---	---	84	91
Augusta	8064	114	93	---	81	97	---	91	91	91
<b>&gt;115 Days Relative Maturity</b>										
DEKALB	DKC66-40RIB	116	114	110	118	110	106	105	101	109
Dyna-Gro	D57VP51	117	125	99	96	109	121	103	101	108
Seed Consultants	SC 11AQ72™	117	---	---	108	95	106	97	126	106
NK	N83D 3000GT Brand	117	100	99	115	106	---	---	---	105
DEKALB	DKC67-58RIB	117	112	97	105	104	109	103	98	104
Phoenix	6542A4	116	106	94	109	106	---	---	---	104
Doebler's	5815GRQ	118	112	104	103	102	106	95	98	103
Armor	1616	116	111	---	105	96	---	104	98	103
Seed Consultants	SCS 11AGT74™	116	---	---	110	106	106	94	95	102

**Table 3. 2014 RELATIVE YIELD\* of corn hybrids entered in three or more locations - Virginia Tech Trials, continued.**

Brand/Company	Hybrid	DTM per		Black- stone	Mt Holly Dryland	Mt Holly Irrigated	Black- burg	Orange	Shenan- doah	Mean
		Co. <sup>1</sup>	Holland							
Augusta	8868	118	---	---	---	---	98	108	100	102
Axis	66A22RIB	116	116	---	80	106	---	98	---	100
Pioneer	P2089AM	120	104	105	70	118	102	93	103	99
Armor	AXC3117	117	104	---	87	102	---	98	102	99
Armor	1880	118	100	---	107	102	---	81	93	96
Doebler's	5615GRQ	116	92	91	112	90	93	90	105	96
Augusta	5566	116	---	---	---	---	99	88	99	95
Phoenix	7914A4	118	85	98	68	97	---	---	---	87

\* Relative yield is calculated by dividing the yield of a hybrid by the average yield of all hybrids of all maturities at that location. A hybrid with a relative yield of 105 was 5% above the average of all hybrids at that location. The value of 105 is not a yield but a value relative to all other yield values at that location. Relative yields are listed in order of descending mean values.

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

**Table 4. Two-year Average RELATIVE YIELD\* (2013-2014) of corn hybrids entered in three or more locations each year - Virginia Tech Trials.**

Brand/Company	Hybrid	DTM per Co. <sup>1</sup>	Number of Obs. <sup>2</sup>	Relative Yield
<b>&lt;108 Days Relative Maturity</b>				
Armor	0700	107	9	100
<b>108-111 Days Relative Maturity</b>				
Phoenix	5552A4	111	8	101
Hubner Seed	H5420RC3P	110	13	100
Mycogen Seeds	2V709	110	7	99
Seed Consultants	SCS 1094AM-R™	108	8	97
Mycogen Seeds	2V717	111	7	96
<b>112-115 Days Relative Maturity</b>				
Seed Consultants	SCS 1131AM-R™	112	9	109
Seed Consultants	SCS 11HR63™	115	9	108
Channel	213-40VT3PRIB	113	9	105
Augusta	5262GTCBLL	112	8	103
Hubner Seed	H4744RC2P	113	13	103
Armor	1550	115	9	103
Phoenix	6522A4	114	8	103
DEKALB	DKC65-19RIB	115	13	103
Armor	1555	115	9	102
Seed Consultants	SCS 1154AM-R™	114	10	101
DEKALB	DKC62-08RIB	112	13	101
Channel	214-14VT3PRIB	114	7	101
Pioneer	P1319HR	113	13	100
Channel	215-52VT3PRIB	115	6	99
DEKALB	DKC64-69RIB	114	12	99
Pioneer	P1498AM	114	13	99
Armor	1262	112	8	99
Mycogen Seeds	2Y767	113	7	94

**Table 4. Two-year Average RELATIVE YIELD\* (2013-2014) of corn hybrids entered in three or more locations each year - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Number of Obs.<sup>2</sup></b>	<b>Relative Yield</b>
<b>&gt;115 Days Relative Maturity</b>				
Seed Consultants	SC 11AQ72™	117	10	105
Phoenix	6542A4	116	8	102
Armor	1880	118	9	98

\* Relative yield is calculated by dividing the yield of a hybrid by the average yield of all hybrids of all maturities at that location. A hybrid with a relative yield of 105 was 5% above the average of all hybrids at that location. The value of 105 is not a yield but a value relative to all other yield values at that location. Relative yields are listed in order of descending mean values. A hybrid does not have to be entered in the same three locations each year.

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> A higher number of site/year combinations provides a better estimate of hybrid performance than a single site/year location.



**Table 5. Three-year Average RELATIVE YIELD\* (2012-2014) of corn hybrids entered in three or more locations each year - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Number of Obs.<sup>2</sup></b>	<b>Relative Yield</b>
<b>112-115 Days Relative Maturity</b>				
Channel	213-40VT3PRIB	113	12	107
Seed Consultants	SCS 11HR63™	115	13	105
Channel	214-14VT3PRIB	114	10	104
Pioneer	P1319HR	113	16	101
DEKALB	DKC64-69RIB	114	15	100
<b>&gt;115 Days Relative Maturity</b>				
Seed Consultants	SC 11AQ72™	117	12	103

\* Relative yield is calculated by dividing the yield of a hybrid by the average yield of all hybrids of all maturities at that location. A hybrid with a relative yield of 105 was 5% above the average of all hybrids at that location. The value of 105 is not a yield but a value relative to all other yield values at that location. Relative yields are listed in order of descending mean values. A hybrid does not have to be entered in the same three locations each year.

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> A higher number of site/year combinations provides a better estimate of hybrid performance than a single site/year location.

**Table 6. Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&lt;108 Days Relative Maturity</b>					
Armor	0700	107	170	19.6	53.5
Armor	AXC2108	107	146	18.8	53.7
Pioneer	P0604AM	106	144	18.6	54.4
Augusta	2956	106	142	19.0	54.3
Pioneer	P0210AM	102	114	17.8	53.5
	Maturity Average		143	18.7	53.9
	L.S.D. (0.05)		27	0.1	0.9
	C.V.		11		
<b>108-111 Days Relative Maturity</b>					
Doebler's	RPM® 5015AM™	110	161	20.4	51.9
Armor	AXT3111	111	159	20.6	53.2
Phoenix	5552A4	111	158	20.1	51.4
Mycogen Seeds	2V709	110	153	20.2	52.8
Augusta	4258	108	147	20.0	53.6
Armor	AXC3108	108	146	21.0	53.3
DEKALB	DKC61-89RIB	111	145	19.3	53.9
DEKALB	DKC60-67RIB	110	143	19.8	54.6
Pioneer	P1105AM	111	138	20.9	53.0
Hubner Seed	H5420RC3P	110	137	20.2	53.5
Augusta	4461	111	131	20.0	53.6
Dyna-Gro	D50SS43	110	131	20.6	54.2
Armor	AXC4110	110	131	19.0	53.4
Armor	AXT4109	109	128	21.0	54.9
Mycogen Seeds	2V717	111	127	21.0	51.3
Doebler's	RPM® 5115AM™	111	107	18.9	54.1
	Maturity Average		140	20.2	53.3
	L.S.D. (0.05)		26	1.2	1.5
	C.V.		13		
<b>112-115 Days Relative Maturity</b>					
Dyna-Gro	D54DC94	114	188	22.1	51.7
DEKALB	DKC65-19RIB	115	176	21.2	54.8
Phoenix	6581 GTA	114	172	22.5	50.8
Doebler's	RPM® 5315AMXT™	113	171	22.3	52.0
Pioneer	P1319HR	113	168	21.9	55.4
Hubner Seed	H4663RC2P	113	165	21.6	52.1
Armor	1414	114	165	22.2	52.1
Augusta	6664	114	165	22.6	53.0

**Table 6. Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
DEKALB	DKC62-08RIB	112	162	20.3	53.0
Axis	64T22RIB	114	160	23.2	52.4
Armor	1330	113	158	20.2	53.8
Hubner Seed	H4844RC2P	115	156	21.1	54.4
Dyna-Gro	D52SS91	112	155	21.5	54.1
Armor	1262	112	154	20.5	53.9
Armor	1550	115	154	22.1	54.6
DEKALB	DKC63-35RIB	113	152	20.3	53.6
Axis	64K24RIB	113	151	21.6	52.3
Mycogen Seeds	2Y767	113	150	22.8	50.3
Mycogen Seeds	2C799	114	150	21.7	51.8
Armor	1555	115	148	22.5	53.3
Augusta	5262	112	146	22.9	49.9
Armor	1314	113	145	19.6	53.7
Phoenix	6522A4	114	141	21.9	51.7
Augusta	8064	114	140	21.6	53.4
NK	N70J 3011A Brand	112	138	21.3	52.2
Hubner Seed	H4744RC2P	113	138	22.9	53.6
DEKALB	DKC64-89RIB	114	132	20.4	54.5
Armor	AXC4114	114	131	20.8	53.1
DEKALB	DKC64-69RIB	114	129	22.3	52.5
Doebler's	RPM® 5215AM™	112	127	20.0	54.7
Phoenix	7914A4	115	127	24.7	51.2
Pioneer	P1498AM	114	125	21.5	53.4
	Maturity Average		151	21.7	52.9
	L.S.D. (0.05)		37	1.3	1.5
	C.V.		16		

**Table 6. Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&gt;115 Days Relative Maturity</b>					
Dyna-Gro	D57VP51	117	187	21.0	52.5
Axis	66A22RIB	116	174	22.2	52.5
DEKALB	DKC66-40RIB	116	171	21.8	52.4
DEKALB	DKC67-58RIB	117	168	21.3	53.9
Doebler's	5815GRQ	118	167	24.4	51.6
Armor	1616	116	166	22.2	53.3
Phoenix	6542A4	116	159	23.1	49.3
Armor	AXC3117	117	156	21.4	52.3
Pioneer	P2089AM	120	156	23.5	52.3
Phoenix	7402A3	118	152	25.5	51.3
Armor	1880	118	150	22.7	53.6
NK	N83D 3000GT Brand	117	149	24.3	52.0
Doebler's	5615GRQ	116	138	22.2	51.1
	Maturity Average		161	22.7	52.1
	L.S.D. (0.05)		30	1.9	2.4
	C.V.		12		
	Location Average		150	21.3	52.9

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

Planted April 24, 2014. Harvested September 12, 2014. Population was 23,200 plants/acre.

**Table 7. Two-year Average Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2013 and 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&lt;108 Days Relative Maturity</b>					
Armor	0700	107	183	20.8	53.5
<b>108-111 Days Relative Maturity</b>					
Phoenix	5552A4	111	176	20.9	51.6
Mycogen Seeds	2V709	110	169	21.2	52.3
Hubner Seed	H5420RC3P	110	165	21.2	52.8
Mycogen Seeds	2V717	111	148	21.7	51.4
	Maturity Average		165	21.2	52.0
	L.S.D. (0.05)		18	1.0	1.2
	C.V.		10		
<b>112-115 Days Relative Maturity</b>					
Armor	1550	115	190	22.3	55.3
Pioneer	P1319HR	113	187	22.5	54.9
Armor	1262	112	181	20.9	54.1
DEKALB	DKC65-19RIB	115	179	22.5	54.5
Phoenix	6522A4	114	178	22.5	51.2
Hubner Seed	H4744RC2P	113	177	24.2	52.5
Augusta	5262GTCBLL	112	173	23.3	49.8
Mycogen Seeds	2Y767	113	172	24.1	50.9
Armor	1555	115	171	24.4	51.9
DEKALB	DKC64-69RIB	114	170	23.0	53.3
DEKALB	DKC62-08RIB	112	169	21.2	53.0
Pioneer	P1498AM	114	167	22.1	53.3
	Maturity Average		176	22.7	52.9
	L.S.D. (0.05)		25	0.9	1.2
	C.V.		13		
<b>&gt;115 Days Relative Maturity</b>					
Phoenix	6542A4	116	172	23.6	50.1
Armor	1880	118	170	23.3	53.5
	Maturity Average		171	23.5	51.8
	L.S.D. (0.05)		9	2.5	0.8
	C.V.		4		
	Location Average		174	22.4	52.6

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 8. Three-year Average Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA, 2012-2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Phoenix	5552A4	111	162	20.5	50.9
<b>112-115 Days Relative Maturity</b>					
Phoenix	6522A4	114	168	22.2	51.0
DEKALB	DKC64-69RIB	114	161	21.8	53.5
Augusta	5262	112	155	21.9	50.7
	Maturity Average		161	22	52
	L.S.D. (0.05)		20	0.8	0.9
	C.V.		13		
<b>&gt;115 Days Relative Maturity</b>					
Phoenix	6542A4	116	159	22.7	50.5
	Location Average		161	22	51

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 9. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2014 - Virginia Tech Trials.**

Brand/Company	Hybrid	DTM per Co. <sup>1</sup>	Yield <sup>2</sup> bu/A	Moist %	Test Wt. lb/bu
<b>&lt;108 Days Relative Maturity</b>					
Seed Consultants	SCS 10HR43™	103	110	16.6	56.3
Channel	206-55STXRIB	106	101	19.4	55.4
Pioneer	P0604AM	106	101	18.6	55.7
Pioneer	P0210AM	102	99	17.0	54.6
Armor	AXC2108	107	98	18.9	53.4
Armor	0700	107	93	21.1	53.8
NK	N59B 3011A Brand	107	80	21.1	54.4
Augusta	2956	106	68	18.1	56.2
	Maturity Average		94	18.8	54.9
	L.S.D. (0.05)		17	2.3	2.7
	C.V.		12		
<b>108-111 Days Relative Maturity</b>					
Doebler's	RPM® 5015AM™	110	116	18.1	54.1
Channel	209-53STXRIB	109	107	19.7	54.3
DEKALB	DKC60-67RIB	110	101	18.7	56.7
Phoenix	5552A4	111	99	20.5	53.3
Armor	AXT3111	111	98	18.3	54.0
Channel	211-35STXRIB	111	98	20.7	56.0
Seed Consultants	SCS 1094AM-R™	108	97	18.5	53.8
Channel	209-46STXRIB	109	96	19.5	55.0
Armor	AXC3108	108	95	18.7	55.9
Armor	AXC4110	110	91	18.5	55.7
Seed Consultants	SCS 11AQ15™	111	89	23.9	52.9
Armor	AXT4109	109	88	21.3	55.2
DEKALB	DKC61-89RIB	111	88	22.4	53.8
Mycogen Seeds	2V717	111	88	18.5	55.4
Dyna-Gro	D50SS43	110	84	18.2	56.3
Hubner Seed	H5420RC3P	110	82	21.0	54.1
Mycogen Seeds	2V709	110	79	18.3	56.0
Augusta	4461	111	72	19.2	55.6
Augusta	4258	108	71	18.0	55.5
Doebler's	RPM® 5115AM™	111	65	18.6	51.6
Pioneer	P1105AM	111	63	21.3	54.2
	Maturity Average		89	19.6	54.7
	L.S.D. (0.05)		24	1.7	2.1
	C.V.		17		

**Table 9. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>112-115 Days Relative Maturity</b>					
Dyna-Gro	D54DC94	114	126	22.2	52.3
NK	N70J 3011A Brand	112	123	19.6	55.5
Hubner Seed	H4663RC2P	113	119	22.7	51.6
Armor	1414	114	118	22.6	50.9
Armor	AXC4114	114	114	21.5	53.1
Augusta	6664	114	103	23.3	51.8
DEKALB	DKC63-35RIB	113	103	22.1	53.1
Hubner Seed	H4844RC2P	115	102	23.2	54.0
Mycogen Seeds	2C799	114	102	19.8	56.5
Phoenix	6581 GTA	114	102	23.7	51.6
Doebler's	RPM® 5215AM™	112	100	19.9	56.9
Seed Consultants	SC 11AGT43™	113	100	21.1	53.4
Axis	64T22RIB	114	100	23.2	52.8
DEKALB	DKC64-89RIB	114	99	22.0	54.4
Channel	213-40VT3PRIB	113	99	21.8	53.7
Augusta	5262	112	98	21.6	52.6
Seed Consultants	SC 11AQ35™	112	98	19.5	54.2
DEKALB	DKC65-19RIB	115	97	21.4	55.3
Armor	1314	113	97	18.2	55.6
NK	N75H 5122A Brand	114	95	24.8	49.0
Phoenix	6522A4	114	94	22.1	52.3
Armor	1555	115	93	23.0	53.0
Dyna-Gro	D52SS91	112	92	22.5	54.0
Hubner Seed	H4744RC2P	113	92	22.8	51.9
Armor	1330	113	92	24.5	52.0
DEKALB	DKC62-08RIB	112	88	20.0	54.1
Armor	1262	112	85	21.5	54.4
Seed Consultants	SCS 1131AM-R™	112	85	24.7	53.5
Armor	1550	115	81	21.9	53.7
Mycogen Seeds	2Y767	113	79	20.9	52.3
Pioneer	P1498AM	114	76	20.7	54.8
Seed Consultants	SCS 1154AM-R™	114	76	22.1	53.3
Augusta	8064	114	74	22.9	54.7
Channel	214-14VT3PRIB	114	72	22.9	54.2
Pioneer	P1319HR	113	67	19.5	52.9
DEKALB	DKC64-69RIB	114	67	22.8	53.7



**Table 9. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Phoenix	7914A4	115	63	21.4	53.2
Seed Consultants	SCS 11HR63™	115	53	20.9	53.7
Doebler's	RPM® 5315AMXT™	113	41	17.4	49.3
	Maturity Average		91	21.8	53.3
	L.S.D. (0.05)		21	1.8	2.7
	C.V.		15		
<b>&gt;115 Days Relative Maturity</b>					
Phoenix	7402A3	118	121	24.2	53.5
DEKALB	DKC66-40RIB	116	108	22.6	53.3
NK	N83D 3000GT Brand	117	106	24.8	52.6
Doebler's	5615GRQ	116	102	23.6	53.1
Seed Consultants	SCS 11AGT74™	116	100	24.0	53.0
Phoenix	6542A4	116	99	24.2	51.6
Seed Consultants	SC 11AQ72™	117	98	24.0	53.9
Armor	1880	118	98	24.6	53.9
DEKALB	DKC67-58RIB	117	96	23.8	54.0
Armor	1616	116	96	22.1	54.8
Doebler's	5815GRQ	118	94	25.6	52.6
Dyna-Gro	D57VP51	117	88	21.5	53.5
Armor	AXC3117	117	80	24.4	53.2
Phoenix	6706A4	116	79	21.7	53.1
Axis	66A22RIB	116	73	22.7	53.9
Pioneer	P2089AM	120	64	22.3	51.8
	Maturity Average		94	23.5	53.2
	L.S.D. (0.05)		22	1.4	1.6
	C.V.		16		
	Location Average		91	21.3	53.8

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

Planted April 22, 2014. Harvested September 16, 2014. Population was 24,800 plants/acre.

**Table 10. Two-year Average Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 and 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&lt;108 Days Relative Maturity</b>					
Armor	0700	107	127	18.5	55.0
<b>108-111 Days Relative Maturity</b>					
Seed Consultants	SCS 1094AM-R™	108	142	17.4	54.3
Phoenix	5552A4	111	135	18.1	53.2
Channel	209-53STXRIB	109	131	18.0	55.2
Mycogen Seeds	2V717	111	126	17.6	53.3
Mycogen Seeds	2V709	110	122	17.1	55.7
Hubner Seed	H5420RC3P	110	120	18.6	54.1
	Maturity Average		129	17.8	54.3
	L.S.D. (0.05)		20	0.8	1.1
	C.V.		15		
<b>112-115 Days Relative Maturity</b>					
Channel	213-40VT3PRIB	113	137	18.9	54.1
Hubner Seed	H4744RC2P	113	133	19.8	52.7
Augusta	5262GTCBLL	112	131	18.9	52.8
Pioneer	P1498AM	114	131	18.3	56.0
Phoenix	6522A4	114	130	20.6	52.5
DEKALB	DKC64-69RIB	114	130	19.4	55.6
Armor	1555	115	130	20.3	54.3
DEKALB	DKC65-19RIB	115	129	18.9	56.4
Armor	1262	112	123	18.4	55.8
Seed Consultants	SCS 1154AM-R™	114	123	19.9	54.9
Armor	1550	115	122	19.1	55.4
DEKALB	DKC62-08RIB	112	121	18.5	54.2
Mycogen Seeds	2Y767	113	118	18.9	52.8
Seed Consultants	SCS 11HR63™	115	116	18.8	54.4
Seed Consultants	SCS 1131AM-R™	112	116	21.4	54.9
Pioneer	P1319HR	113	115	18.1	55.8
	Maturity Average		125	19.3	54.6
	L.S.D. (0.05)		15	1.0	1.4
	C.V.		11		

**Table 10. Two-year Average Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 and 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&gt;115 Days Relative Maturity</b>					
Armor	1880	118	133	20.7	55.2
Seed Consultants	SC 11AQ72™	117	132	21.5	54.8
Phoenix	6542A4	116	130	21.5	52.4
Phoenix	6706A4	116	119	19.8	54.2
	Maturity Average		128	20.9	54.1
	L.S.D. (0.05)		15	0.9	1.0
	C.V.		11		
	Location Average		127	19.2	54.5

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 11. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2014 - Virginia Tech Trials.**

Brand/Company	Hybrid	DTM per Co. <sup>1</sup>	Yield <sup>2</sup> bu/A	Moist %	Test Wt. lb/bu
<b>&lt;108 Days Relative Maturity</b>					
Pioneer	P0604AM	106	229	16.1	56.7
Armor	0700	107	229	16.9	56.2
Augusta	2956	106	228	16.4	56.7
NK	N59B 3011A Brand	107	226	19.4	54.1
Armor	AXC2108	107	220	17.0	55.8
Channel	206-55STXRIB	106	217	16.1	56.2
Seed Consultants	SCS 10HR43™	103	204	16.5	57.3
Pioneer	P0210AM	102	202	15.0	56.0
	Maturity Average		219	16.7	56.1
	L.S.D. (0.05)		19	1.6	2.1
	C.V.		6		
<b>108-111 Days Relative Maturity</b>					
DEKALB	DKC61-89RIB	111	256	16.7	55.0
Mycogen Seeds	2V709	110	248	17.7	54.1
Hubner Seed	H5420RC3P	110	248	17.9	54.3
Armor	AXT4109	109	248	16.5	55.9
Armor	AXC3108	108	247	17.7	56.2
Channel	209-46STXRIB	109	245	16.6	55.5
Seed Consultants	SCS 1094AM-R™	108	243	17.2	54.0
Doebler's	RPM® 5015AM™	110	240	17.1	54.2
Armor	AXC4110	110	239	15.6	55.7
DEKALB	DKC60-67RIB	110	236	17.3	57.2
Dyna-Gro	D50SS43	110	235	16.5	55.3
Armor	AXT3111	111	234	16.2	54.8
Mycogen Seeds	2V717	111	233	17.3	52.6
Channel	209-53STXRIB	109	229	16.2	55.0
Augusta	4258	108	228	17.5	55.8
Channel	211-35STXRIB	111	224	17.9	55.2
Pioneer	P1105AM	111	223	19.9	58.0
Seed Consultants	SCS 11AQ15™	111	222	18.5	54.2
Phoenix	5552A4	111	216	17.1	53.9
Doebler's	RPM® 5115AM™	111	209	15.8	56.2
Augusta	4461	111	209	16.9	55.8
	Maturity Average		234	17.1	55.2
	L.S.D. (0.05)		23	1.9	1.8
	C.V.		7		

**Table 11. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>112-115 Days Relative Maturity</b>					
Hubner Seed	H4663RC2P	113	272	17.2	53.9
Seed Consultants	SCS 11HR63™	115	271	17.5	54.7
Augusta	6664	114	264	17.7	54.9
Seed Consultants	SCS 1131AM-R™	112	263	19.2	55.0
DEKALB	DKC63-35RIB	113	260	17.3	55.8
DEKALB	DKC64-89RIB	114	258	17.6	55.1
Armor	1555	115	251	17.9	55.8
Pioneer	P1319HR	113	249	18.6	57.1
Armor	1330	113	248	17.7	55.6
Channel	214-14VT3PRIB	114	248	18.3	56.0
Dyna-Gro	D54DC94	114	248	18.5	53.1
Doebler's	RPM® 5315AMXT™	113	247	18.3	55.1
Armor	1550	115	247	18.0	57.2
Dyna-Gro	D52SS91	112	246	17.1	55.5
Channel	213-40VT3PRIB	113	246	17.8	54.7
Hubner Seed	H4744RC2P	113	245	17.7	55.4
DEKALB	DKC64-69RIB	114	244	18.0	56.3
DEKALB	DKC62-08RIB	112	244	16.1	54.8
Armor	1414	114	243	18.4	52.8
NK	N75H 5122A Brand	114	242	20.7	50.8
Hubner Seed	H4844RC2P	115	241	18.7	57.1
DEKALB	DKC65-19RIB	115	241	18.7	55.5
Armor	AXC4114	114	240	17.3	54.6
Seed Consultants	SCS 1154AM-R™	114	236	18.7	56.4
Armor	1262	112	233	16.9	56.5
NK	N70J 3011A Brand	112	232	18.5	55.0
Doebler's	RPM® 5215AM™	112	232	17.8	57.1
Phoenix	7914A4	115	231	19.1	55.6
Seed Consultants	SC 11AGT43™	113	230	19.6	53.5
Augusta	8064	114	229	19.4	55.7
Augusta	5262	112	227	17.9	52.1
Armor	1314	113	227	17.4	55.0
Phoenix	6581 GTA	114	224	20.0	53.7
Mycogen Seeds	2C799	114	224	18.9	54.0
Phoenix	6522A4	114	223	20.1	51.7
Pioneer	P1498AM	114	222	17.9	56.7

**Table 11. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Seed Consultants	SC 11AQ35™	112	219	17.7	52.9
Mycogen Seeds	2Y767	113	217	19.0	51.8
Axis	64T22RIB	114	215	18.5	54.6
	Maturity Average		241	18.2	54.8
	L.S.D. (0.05)		25	1.4	1.5
	C.V.		7		
<b>&gt;115 Days Relative Maturity</b>					
Pioneer	P2089AM	120	281	20.0	53.9
DEKALB	DKC66-40RIB	116	261	18.3	54.4
Dyna-Gro	D57VP51	117	258	17.8	55.8
Phoenix	6542A4	116	252	19.5	53.4
Axis	66A22RIB	116	252	20.6	52.3
Seed Consultants	SCS 11AGT74™	116	252	20.7	54.7
NK	N83D 3000GT Brand	117	251	20.6	53.6
DEKALB	DKC67-58RIB	117	246	19.3	56.0
Phoenix	7402A3	118	246	20.8	54.0
Doebler's	5815GRQ	118	243	21.4	53.8
Armor	AXC3117	117	243	18.8	54.5
Armor	1880	118	243	19.3	56.1
Armor	1616	116	229	19.5	54.4
Seed Consultants	SC 11AQ72™	117	227	19.4	57.4
Phoenix	6706A4	116	225	18.6	54.2
Doebler's	5615GRQ	116	214	19.2	53.5
	Maturity Average		245	19.6	54.5
	L.S.D. (0.05)		20	1.3	1.5
	C.V.		6		
	Location Average		238	18.1	55.0

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

Planted April 23, 2014. Harvested September 20-21, 2014. Population was 28,700 plants/acre.

**Table 12. Two-year Average Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 and 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&lt;108 Days Relative Maturity</b>					
Armor	0700	107	228	17.1	57.2
<b>108-111 Days Relative Maturity</b>					
Seed Consultants	SCS 1094AM-R™	108	240	17.3	54.5
Hubner Seed	H5420RC3P	110	239	18.6	55.8
Mycogen Seeds	2V709	110	237	17.7	55.1
Mycogen Seeds	2V717	111	226	17.4	54.1
Channel	209-53STXRIB	109	223	16.8	56.9
Phoenix	5552A4	111	218	17.3	55.6
	Maturity Average		230	17.5	55.3
	L.S.D. (0.05)		12	1.0	1.4
	C.V.		5		
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 11HR63™	115	260	18.0	56.3
Seed Consultants	SCS 1131AM-R™	112	249	20.1	55.3
Augusta	5262GTCBLL	112	244	18.1	52.5
Hubner Seed	H4744RC2P	113	243	18.1	56.3
Channel	213-40VT3PRIB	113	242	17.9	55.7
Pioneer	P1319HR	113	241	18.9	58.5
Armor	1555	115	238	19.1	55.9
DEKALB	DKC62-08RIB	112	236	16.8	55.8
DEKALB	DKC65-19RIB	115	233	19.0	57.2
Seed Consultants	SCS 1154AM-R™	114	232	20.6	56.2
Pioneer	P1498AM	114	231	18.2	57.6
DEKALB	DKC64-69RIB	114	230	18.2	56.7
Phoenix	6522A4	114	228	20.2	53.0
Armor	1262	112	227	17.8	56.7
Mycogen Seeds	2Y767	113	225	19.3	52.6
Armor	1550	115	224	18.4	57.7
	Maturity Average		236	18.7	55.9
	L.S.D. (0.05)		21	1.2	1.4
	C.V.		9		

**Table 12. Two-year Average Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 and 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&gt;115 Days Relative Maturity</b>					
Phoenix	6542A4	116	235	19.9	53.2
Seed Consultants	SC 11AQ72™	117	229	19.8	57.0
Armor	1880	118	229	19.0	56.7
Phoenix	6706A4	116	215	19.8	55.5
	Maturity Average		227	19.6	55.6
	L.S.D. (0.05)		13	1.6	2.0
	C.V.		6		
	Location Average		233	18.5	55.8

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.



**Table 13. Three-year Average Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA, 2012-2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>112-115 Days Relative Maturity</b>					
Pioneer	P1319HR	113	232	19.1	57.9
Seed Consultants	SCS 11HR63™	115	231	18.3	56.3
Augusta	5262	112	227	17.9	53.2
Channel	213-40VT3PRIB	113	227	17.9	55.5
Phoenix	6522A4	114	224	19.8	53.5
DEKALB	DKC64-69RIB	114	213	18.5	56.4
	Maturity Average		226	18.6	55.5
	L.S.D. (0.05)		19	1.1	1.2
	C.V.		10		
<b>&gt;115 Days Relative Maturity</b>					
Phoenix	6542A4	116	225	19.5	53.3
	Location Average		226	18.7	55.2

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 14. Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2014 - Virginia Tech Trials.**

Brand/Company	Hybrid	DTM per Co. <sup>1</sup>	Yield <sup>2</sup> bu/A	Moist %	Test Wt. lb/bu
<b>&lt;108 Days Relative Maturity</b>					
Pioneer	P0604AM	106	187	20.9	53.8
Pioneer	P0210AM	102	161	18.4	53.3
	Maturity Average		174	19.7	53.5
	L.S.D. (0.05)		54	0.5	0.5
	C.V.		2		
<b>108-111 Days Relative Maturity</b>					
Doebler's	RPM® 5015AM™	110	207	23.9	52.5
Pioneer	P1105AM	111	197	21.6	54.3
DEKALB	DKC61-89RIB	111	189	21.3	52.6
Phoenix	5552A4	111	183	22.4	51.8
Hubner Seed	H5420RC3P	110	177	24.0	52.1
Channel	209-53STXRIB	109	168	21.3	53.3
DEKALB	DKC60-67RIB	110	164	22.1	53.1
Dyna-Gro	D50SS43	110	162	20.4	52.3
Doebler's	RPM® 5115AM™	111	156	19.7	55.1
Channel	211-35STXRIB	111	149	22.1	53.3
	Maturity Average		175	21.9	53.0
	L.S.D. (0.05)		28	2.7	1.8
	C.V.		10		
<b>112-115 Days Relative Maturity</b>					
Dyna-Gro	D54DC94	114	214	24.0	50.5
Phoenix	6522A4	114	207	23.8	50.3
Channel	213-40VT3PRIB	113	199	21.8	53.0
Hubner Seed	H4744RC2P	113	196	22.4	53.8
Channel	215-83STXRIB	115	196	21.7	51.6
Dyna-Gro	D52SS91	112	193	22.3	53.0
DEKALB	DKC64-89RIB	114	190	23.4	52.7
NK	N70J 3011A Brand	112	188	21.8	53.0
Doebler's	RPM® 5315AMXT™	113	187	22.1	51.9
Channel	214-14VT3PRIB	114	187	20.6	54.1
Pioneer	P1498AM	114	185	21.1	54.5
DEKALB	DKC65-19RIB	115	182	21.5	53.9
Doebler's	RPM® 5215AM™	112	182	21.3	55.0
DEKALB	DKC62-08RIB	112	181	20.5	53.5
DEKALB	DKC63-35RIB	113	181	22.1	52.5
Phoenix	7914A4	115	178	23.7	52.1
Hubner Seed	H4844RC2P	115	34 177	22.0	52.6

**Table 14. Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
DEKALB	DKC64-69RIB	114	177	21.6	54.5
Hubner Seed	H4663RC2P	113	176	23.1	50.5
Channel	215-52VT3PRIB	115	172	23.3	53.2
Phoenix	6581 GTA	114	155	24.5	50.9
	Maturity Average		186	22.3	52.7
	L.S.D. (0.05)		25	1.2	2.1
	C.V.		9		
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC66-40RIB	116	200	21.7	53.2
Pioneer	P2089AM	120	191	24.0	52.6
Doebler's	5815GRQ	118	189	26.4	53.0
NK	N83D 3000GT Brand	117	180	24.8	52.1
Dyna-Gro	D57VP51	117	179	21.5	53.0
DEKALB	DKC67-58RIB	117	177	23.6	54.0
Phoenix	7402A3	118	175	25.3	51.5
Phoenix	6542A4	116	172	25.0	50.4
Doebler's	5615GRQ	116	166	22.8	51.3
	Maturity Average		181	23.9	52.4
	L.S.D. (0.05)		30	1.3	1.8
	C.V.		10		
	Location Average		182	22.4	52.7

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

Planted April 11, 2014. Harvested September 11, 2014. Population was 24,700 plants/acre.

**Table 15. Two-year Average Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2013 and 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Phoenix	5552A4	111	198	21.4	51.2
Hubner Seed	H5420RC3P	110	195	21.9	52.0
	Maturity Average		196	21.6	51.6
	L.S.D. (0.05)		25	1.7	1.6
	C.V.		10		
<b>112-115 Days Relative Maturity</b>					
Phoenix	6522A4	114	223	23.8	50.2
Channel	213-40VT3PRIB	113	208	21.2	53.1
Channel	214-14VT3PRIB	114	202	19.8	54.5
DEKALB	DKC64-69RIB	114	200	20.9	53.6
Channel	215-52VT3PRIB	115	199	21.6	53.2
Pioneer	P1498AM	114	196	20.5	54.6
Hubner Seed	H4744RC2P	113	196	21.7	53.8
DEKALB	DKC62-08RIB	112	193	20.1	53.3
DEKALB	DKC65-19RIB	115	190	21.4	54.0
	Maturity Average		201	21.2	53.4
	L.S.D. (0.05)		19	1.1	1.4
	C.V.		9		
<b>&gt;115 Days Relative Maturity</b>					
Phoenix	6542A4	116	193	24.5	50.4
	Location Average		200	21.6	52.8

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 16. Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&lt;108 Days Relative Maturity</b>					
Pioneer	P0604AM	106	176	20.2	55.9
Pioneer	P0210AM	102	155	17.7	53.7
Seed Consultants	SCS 10HR43™	103	147	19.1	53.2
	Maturity Average		159	19.0	54.3
	L.S.D. (0.05)		21	0.9	2.2
	C.V.		7		
<b>108-111 Days Relative Maturity</b>					
Seed Consultants	SCS 11AQ15™	111	196	24.4	51.7
DEKALB	DKC61-89RIB	111	179	20.0	53.6
Hubner Seed	H5420RC3P	110	175	20.8	54.2
Pioneer	P1105AM	111	169	20.8	55.1
T.A. Seeds	TA625-30	110	165	23.2	52.4
Doebler's	RPM® 5115AM™	111	163	19.7	52.6
DEKALB	DKC60-67RIB	110	156	19.8	55.1
T.A. Seeds	TA583-22DPRIB	108	153	19.1	52.5
Dyna-Gro	D50SS43	110	149	20.2	52.9
Seed Consultants	SCS 1094AM-R™	108	145	20.2	52.9
Doebler's	RPM® 5015AM™	110	135	19.6	52.5
	Maturity Average		162	20.7	53.2
	L.S.D. (0.05)		23	1.2	1.9
	C.V.		9		
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 11HR63™	115	202	23.4	52.5
DEKALB	DKC62-08RIB	112	196	24.0	51.5
Dyna-Gro	D54DC94	114	194	22.7	51.8
T.A. Seeds	TA753-22DPRIB	115	194	25.4	54.3
Seed Consultants	SCS 1131AM-R™	112	193	24.0	54.2
Seed Consultants	SCS 1154AM-R™	114	188	26.0	53.3
DEKALB	DKC65-19RIB	115	186	23.8	54.2
Hubner Seed	H4844RC2P	115	184	23.8	54.2
Seed Consultants	SC 11AGT43™	113	183	25.1	52.4
Pioneer	P1498AM	114	182	22.2	54.5
Dyna-Gro	D52SS91	112	180	22.9	55.0
DEKALB	DKC63-35RIB	113	178	19.6	53.9
T.A. Seeds	TA683-13VPRIB	112	173	21.9	54.4

**Table 16. Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Hubner Seed	H4744RC2P	113	173	22.4	54.8
DEKALB	DKC64-69RIB	114	171	21.7	54.9
Pioneer	P1319HR	113	163	21.4	55.3
DEKALB	DKC64-89RIB	114	160	20.9	54.0
Hubner Seed	H4663RC2P	113	160	20.9	52.8
Doebler's	RPM® 5315AMXT™	113	160	21.6	52.3
Doebler's	RPM® 5215AM™	112	159	23.8	55.3
Seed Consultants	SC 11AQ35™	112	152	22.0	50.8
NK	N70J 3011A Brand	112	146	24.8	52.6
	Maturity Average		176	22.9	53.6
	L.S.D. (0.05)		20	1.7	1.6
	C.V.		8		
<b>&gt;115 Days Relative Maturity</b>					
Dyna-Gro	D57VP51	117	209	24.8	51.9
DEKALB	DKC67-58RIB	117	189	23.9	54.2
DEKALB	DKC66-40RIB	116	184	24.7	51.0
Seed Consultants	SCS 11AGT74™	116	184	28.1	51.4
Seed Consultants	SC 11AQ72™	117	183	26.8	52.1
Doebler's	5815GRQ	118	182	27.8	50.4
Pioneer	P2089AM	120	176	27.5	51.6
Augusta	5566	116	171	27.1	51.5
Augusta	8868	118	169	23.9	52.6
Doebler's	5615GRQ	116	161	23.8	51.5
	Maturity Average		181	25.8	51.8
	L.S.D. (0.05)		26	1.6	1.4
	C.V.		10		
	Location Average		173	22.8	53.2

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

Planted May 12, 2014. Harvested October 20, 2014. Population was 24,500 plants/acre.

**Table 17. Two-year Average Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2013 and 2014 - Virginia Tech Trials.**

Brand/Company	Hybrid	DTM per Co. <sup>1</sup>	Yield <sup>2</sup> bu/A	Moist %	Test Wt. lb/bu	Days to Silk	Days to Tassel
<b>108-111 Days Relative Maturity</b>							
Hubner Seed	H5420RC3P	110	191	19.6	53.5	69	70
T.A. Seeds	TA583-22DPRIB	108	164	18.0	52.0	68	69
Seed Consultants	SCS 1094AM-R™	108	162	20.7	52.8	63	64
	Maturity Average		173	19.4	52.8	67	67
	L.S.D. (0.05)		27	3.2	1.1	11	11
	C.V.		14				
<b>112-115 Days Relative Maturity</b>							
Seed Consultants	SCS 11HR63™	115	223	21.3	52.8	70	72
Seed Consultants	SCS 1131AM-R™	112	206	22.1	53.8	71	71
Seed Consultants	SCS 1154AM-R™	114	206	23.6	54.4	72	73
DEKALB	DKC62-08RIB	112	200	21.5	51.9	68	70
DEKALB	DKC65-19RIB	115	198	21.8	54.8	68	69
Pioneer	P1498AM	114	197	20.9	54.7	69	71
Hubner Seed	H4744RC2P	113	192	20.8	54.2	68	68
Pioneer	P1319HR	113	183	20.5	55.4	69	70
	Maturity Average		201	21.6	54.0	69	70
	L.S.D. (0.05)		17	0.9	1.2	1	2
	C.V.		8				
<b>&gt;115 Days Relative Maturity</b>							
Seed Consultants	SC 11AQ72™	117	205	24.1	52.1	68	69
	Location Average		194	21.3	53.5	69	70

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 18. Three-year Average Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA, 2012-2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>	<b>Days to Silk</b>	<b>Days to Tassel</b>
<b>108-111 Days Relative Maturity</b>							
T.A. Seeds	TA583-22DPRIB	108	176	16.6	53.8	66	66
<b>112-115 Days Relative Maturity</b>							
Seed Consultants	SCS 11HR63™	115	208	19.9	54.0	70	70
Pioneer	P1319HR	113	184	19.1	56.9	68	69
	Maturity Average		196	19.5	55.4	69	69
	L.S.D. (0.05)		23	1.4	1.5	3	3
	C.V.		12				
<b>&gt;115 Days Relative Maturity</b>							
Seed Consultants	SC 11AQ72™	117	199	22.6	53.0	68	68
	Location Average		191	19.6	54.4	68	68

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.



**Table 19. Corn Yields at the Northern Piedmont Center at ORANGE, VIRGINIA in 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&lt;108 Days Relative Maturity</b>					
Pioneer	P0604AM	106	150	15.4	58.8
NK	N59B 3011A Brand	107	148	18.5	54.1
Armor	0700	107	131	16.6	56.4
Pioneer	P0210AM	102	130	14.8	55.2
Armor	AXC2108	107	129	15.3	57.6
Augusta	2956	106	126	17.5	57.1
	Maturity Average		136	16.3	56.5
	L.S.D. (0.05)		23	1.3	1.7
	C.V.		10		
<b>108-111 Days Relative Maturity</b>					
Doebler's	RPM® 5015AM™	110	157	17.7	55.4
Armor	AXT3111	111	144	17.4	55.7
Channel	211-35STXRIB	111	141	17.5	56.6
Armor	AXC4110	110	138	16.8	56.3
DEKALB	DKC61-89RIB	111	137	16.8	57.3
Hubner Seed	H5420RC3P	110	136	18.2	55.2
Channel	209-53STXRIB	109	134	16.9	56.5
DEKALB	DKC60-67RIB	110	133	16.7	56.9
Dyna-Gro	D50SS43	110	129	17.8	56.4
Armor	AXT4109	109	128	17.6	56.9
Doebler's	RPM® 5115AM™	111	120	17.5	54.4
Armor	AXC3108	108	119	17.5	57.6
Pioneer	P1105AM	111	117	17.5	57.6
	Maturity Average		133	17.4	56.4
	L.S.D. (0.05)		21	1.3	1.5
	C.V.		10		
<b>112-115 Days Relative Maturity</b>					
Armor	1555	115	164	19.3	54.5
Hubner Seed	H4844RC2P	115	159	19.4	57.3
Armor	1550	115	159	18.6	57.5
Dyna-Gro	D54DC94	114	158	20.1	54.4
Hubner Seed	H4663RC2P	113	157	17.9	55.3
DEKALB	DKC62-08RIB	112	156	18.1	54.4
Axis	64K24RIB	113	155	19.5	55.3
Axis	64T22RIB	114	154	18.9	55.2
DEKALB	DKC64-89RIB	114	153	17.2	57.6

**Table 19. Corn Yields at the Northern Piedmont Center at ORANGE, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Dyna-Gro	D52SS91	112	152	20.1	56.9
DEKALB	DKC65-19RIB	115	151	20.0	57.0
Hubner Seed	H4744RC2P	113	151	19.5	55.9
Pioneer	P1498AM	114	147	18.9	56.5
Armor	1330	113	147	17.4	57.5
Seed Consultants	SCS 11HR63™	115	146	19.2	54.9
DEKALB	DKC64-69RIB	114	145	18.6	56.5
Armor	1262	112	145	17.4	57.2
Pioneer	P1319HR	113	145	18.7	57.9
Doebler's	RPM® 5315AMXT™	113	145	18.3	55.1
Seed Consultants	SCS 1131AM-R™	112	144	18.5	58.1
Armor	AXC4114	114	144	18.1	56.6
Seed Consultants	SC 11AGT43™	113	143	20.2	54.1
DEKALB	DKC63-35RIB	113	142	18.2	54.9
Armor	1414	114	142	19.4	54.5
Channel	213-40VT3PRIB	113	141	18.4	56.2
Augusta	6664	114	141	19.0	56.3
Seed Consultants	SC 11AQ35™	112	141	18.7	51.9
Channel	215-83STXRIB	115	139	18.4	54.3
Channel	214-14VT3PRIB	114	138	18.4	57.4
Channel	215-52VT3PRIB	115	136	18.6	56.1
Armor	1314	113	136	17.5	56.3
NK	N70J 3011A Brand	112	135	18.2	55.5
Augusta	8064	114	127	19.6	57.0
Seed Consultants	SCS 1154AM-R™	114	125	19.5	56.2
Doebler's	RPM® 5215AM™	112	125	18.0	57.3
	Maturity Average		145	18.7	56.0
	L.S.D. (0.05)		22	1.2	1.8
	C.V.		10		
<b>&gt;115 Days Relative Maturity</b>					
Augusta	8868	118	151	19.7	54.6
DEKALB	DKC66-40RIB	116	147	19.0	54.8
Armor	1616	116	145	20.6	54.3
DEKALB	DKC67-58RIB	117	145	20.4	55.1
Dyna-Gro	D57VP51	117	144	19.4	54.9
Armor	AXC3117	117	138	19.0	54.9

**Table 19. Corn Yields at the Northern Piedmont Center at ORANGE, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Axis	66A22RIB	116	138	20.7	53.1
Seed Consultants	SC 11AQ72™	117	136	21.8	53.8
Doebler's	5815GRQ	118	133	21.1	53.5
Seed Consultants	SCS 11AGT74™	116	132	20.8	53.9
Pioneer	P2089AM	120	131	21.6	54.0
Doebler's	5615GRQ	116	127	21.1	53.3
Augusta	5566	116	123	20.2	55.3
Armor	1880	118	114	19.9	55.1
	Maturity Average		136	20.4	54.3
	L.S.D. (0.05)		19	1.7	2.0
	C.V.		9		
	Location Average		140	18.6	55.8

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

Planted May 9, 2014. Harvested September 26, 2014. Population was 23,450 plants/acre.

**Table 20. Two-Year Average Corn Yields at the Northern Piedmont Center at ORANGE, VIRGINIA in 2013 and 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H5420RC3P	110	175	19.8	52.8
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 1131AM-R™	112	195	19.6	56.7
DEKALB	DKC65-19RIB	115	195	20.0	56.1
Hubner Seed	H4744RC2P	113	192	19.5	54.5
Channel	213-40VT3PRIB	113	189	19.1	54.7
Channel	214-14VT3PRIB	114	187	18.8	55.8
DEKALB	DKC62-08RIB	112	185	18.7	53.6
Pioneer	P1498AM	114	183	19.4	55.6
Seed Consultants	SCS 11HR63™	115	182	19.7	54.6
DEKALB	DKC64-69RIB	114	178	19.1	55.9
Pioneer	P1319HR	113	174	19.7	56.8
Channel	215-52VT3PRIB	115	173	19.4	55.0
Seed Consultants	SCS 1154AM-R™	114	172	20.9	55.1
	Maturity Average		184	19	55
	L.S.D. (0.05)		16	0.7	1.3
	C.V.		8		
<b>&gt;115 Days Relative Maturity</b>					
Seed Consultants	SC 11AQ72™	117	172	22.3	53.5
	Location Average		182	19.7	55.1

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 21. Three-Year Average Corn Yields at the Northern Piedmont Center at ORANGE, VIRGINIA, 2012-2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>112-115 Days Relative Maturity</b>					
Channel	213-40VT3PRIB	113	180	19.3	54.2
Channel	214-14VT3PRIB	114	174	19.0	55.8
DEKALB	DKC64-69RIB	114	168	19.3	55.7
Seed Consultants	SCS 11HR63™	115	161	19.8	54.4
Pioneer	P1319HR	113	159	19.8	56.1
Channel	215-52VT3PRIB	115	156	20.1	54.9
	Maturity Average		166	19.5	55.2
	L.S.D. (0.05)		12	0.6	1.2
	C.V.		9		
<b>&gt;115 Days Relative Maturity</b>					
Seed Consultants	SC 11AQ72™	117	157	21.9	54.0
	Location Average		165	19.9	55.0

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 22. Corn Yields (thanks to Linden Heatwole) in ROCKINGHAM COUNTY, VIRGINIA in 2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>&lt;108 Days Relative Maturity</b>					
Armor	0700	107	153	14.4	56.4
Pioneer	P0604AM	106	143	14.1	58.5
Armor	AXC2108	107	140	13.8	57.9
Pioneer	P0210AM	102	137	13.8	55.8
Seed Consultants	SCS 10HR43™	103	135	14.0	56.4
	Maturity Average		142	14.0	57.0
	L.S.D. (0.05)		22	0.6	2.6
	C.V.		9		
<b>108-111 Days Relative Maturity</b>					
Armor	AXT3111	111	175	14.3	59.2
Doebler's	RPM® 5015AM™	110	173	14.8	56.9
Doebler's	RPM® 5115AM™	111	170	14.9	56.4
T.A. Seeds	TA625-30	110	168	16.3	54.2
Hubner Seed	H5420RC3P	110	166	15.3	55.6
Seed Consultants	SCS 11AQ15™	111	161	18.0	54.9
Channel	211-35STXRIB	111	160	15.5	58.0
Mycogen Seeds	2V717	111	160	14.2	56.8
Seed Consultants	SCS 1094AM-R™	108	158	14.9	55.5
T.A. Seeds	TA583-22DPRIB	108	157	14.0	56.7
Channel	209-53STXRIB	109	154	15.4	57.5
Mycogen Seeds	2V709	110	153	14.8	57.8
DEKALB	DKC61-89RIB	111	153	14.7	57.2
Armor	AXT4109	109	143	14.6	59.6
DEKALB	DKC60-67RIB	110	138	14.9	57.6
Armor	AXC4110	110	137	14.3	58.0
Pioneer	P1105AM	111	133	15.4	57.5
Dyna-Gro	D50SS43	110	133	14.8	56.0
Armor	AXC3108	108	122	15.3	57.3
	Maturity Average		153	15.1	57.0
	L.S.D. (0.05)		23	1.2	2.2
	C.V.		10		
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 1131AM-R™	112	200	16.5	56.6
Dyna-Gro	D54DC94	114	184	18.3	55.0

**Table 22. Corn Yields (thanks to Linden Heatwole) in ROCKINGHAM COUNTY, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Armor	AXC4114	114	179	16.8	55.6
Seed Consultants	SCS 11HR63™	115	177	16.2	55.9
DEKALB	DKC63-35RIB	113	177	15.4	56.6
Seed Consultants	SC 11AGT43™	113	169	16.8	56.1
Armor	1330	113	166	15.3	57.7
Hubner Seed	H4744RC2P	113	161	17.6	57.0
Pioneer	P1319HR	113	161	15.8	57.9
Channel	215-83STXRIB	115	160	17.0	56.0
Seed Consultants	SCS 1154AM-R™	114	159	17.4	57.9
Hubner Seed	H4844RC2P	115	159	16.6	58.5
Augusta	6664	114	158	15.6	57.3
Armor	1414	114	157	17.1	55.9
T.A. Seeds	TA683-13VPRIB	112	155	15.9	57.6
Armor	1550	115	155	16.6	56.2
Channel	215-52VT3PRIB	115	154	16.6	56.5
T.A. Seeds	TA753-22DPRIB	115	154	17.3	60.3
Channel	214-14VT3PRIB	114	153	15.9	58.3
NK	N75H 5122A Brand	114	153	17.7	54.0
Seed Consultants	SC 11AQ35™	112	152	15.8	53.1
Augusta	5262GTCBLL	112	150	17.2	53.2
Hubner Seed	H4663RC2P	113	150	15.8	57.5
DEKALB	DKC65-19RIB	115	149	17.3	58.4
Armor	1555	115	148	17.4	56.1
DEKALB	DKC62-08RIB	112	147	15.5	56.8
DEKALB	DKC64-89RIB	114	147	14.8	57.6
Channel	213-40VT3PRIB	113	145	15.9	55.6
Dyna-Gro	D52SS91	112	144	16.1	57.6
Armor	1314	113	143	15.5	57.3
Mycogen Seeds	2C799	114	141	16.3	56.7
Doebler's	RPM® 5215AM™	112	141	16.2	59.1
Augusta	8064	114	138	15.9	59.0
DEKALB	DKC64-69RIB	114	137	15.6	57.1
NK	N70J 3011A Brand	112	137	16.0	56.7
Armor	1262	112	132	15.8	56.2
Mycogen Seeds	2Y767	113	128	17.0	53.1

**Table 22. Corn Yields (thanks to Linden Heatwole) in ROCKINGHAM COUNTY, VIRGINIA in 2014 - Virginia Tech Trials, continued.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Pioneer	P1498AM	114	121	16.2	57.3
Doebler's	RPM® 5315AMXT™	113	121	15.9	55.0
	Maturity Average		153	16.4	56.7
	L.S.D. (0.05)		32	1.2	2.0
	C.V.		14		
<b>&gt;115 Days Relative Maturity</b>					
Seed Consultants	SC 11AQ72™	117	192	17.3	55.8
Doebler's	5615GRQ	116	161	17.2	55.0
Pioneer	P2089AM	120	157	17.5	55.9
Armor	AXC3117	117	156	16.4	56.4
DEKALB	DKC66-40RIB	116	154	16.8	55.2
Dyna-Gro	D57VP51	117	154	17.1	56.4
Augusta	8868	118	152	16.9	55.6
Augusta	5566	116	152	18.7	55.9
DEKALB	DKC67-58RIB	117	150	18.6	57.2
Armor	1616	116	150	18.7	56.0
Doebler's	5815GRQ	118	149	18.1	56.3
Seed Consultants	SCS 11AGT74™	116	145	17.7	57.6
Armor	1880	118	142	17.0	58.0
	Maturity Average		155	17.5	56.3
	L.S.D. (0.05)		21	1.7	1.7
	C.V.		9		
	Location Average		153	16.1	56.7

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

Planted May 8, 2014. Harvested October 9, 2014. Population was 23,000 plants/acre.



**Table 23. Two-year Average Corn Yields at SHENANDOAH VALLEY, VIRGINIA in 2013 and 2014 - Virginia Tech Trials.**

Brand/Company	Hybrid	DTM per Co. <sup>3</sup>	Yield <sup>4</sup> bu/A	Moist %	Test Wt. lb/bu
Armor	0700	107	193	17.4	54.6
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H5420RC3P	110	205	19.6	54.0
Seed Consultants	SCS 1094AM-R™	108	173	18.3	53.7
T.A. Seeds	TA583-22DPRIB	108	171	17.7	54.8
	Maturity Average		183	18.5	54.2
	L.S.D. (0.05)		21	1.4	2.0
	C.V.		11		
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 11HR63™	115	244	20.2	53.7
Seed Consultants	SCS 1131AM-R™	112	241	21.3	55.1
Armor	1550	115	209	21.0	54.3
Pioneer	P1319HR	113	208	19.0	56.6
Seed Consultants	SCS 1154AM-R™	114	207	21.5	56.0
Augusta	5262GTCBLL	112	196	21.3	50.9
Channel	214-14VT3PRIB	114	191	19.6	56.1
DEKALB	DKC62-08RIB	112	190	20.1	54.3
Armor	1555	115	189	23.5	53.7
Channel	215-52VT3PRIB	115	187	21.3	54.8
Armor	1262	112	187	20.1	54.4
Channel	213-40VT3PRIB	113	185	19.7	54.1
Hubner Seed	H4744RC2P	113	184	20.8	54.7
DEKALB	DKC65-19RIB	115	178	20.6	56.1
Pioneer	P1498AM	114	176	20.4	55.3
	Maturity Average		198	20.7	54.7
	L.S.D. (0.05)		20	1.1	1.2
	C.V.		10		
<b>&gt;115 Days Relative Maturity</b>					
Seed Consultants	SC 11AQ72™	117	211	22.8	53.2
Armor	1880	118	181	20.8	55.6
	Maturity Average		196	21.8	54.4
	L.S.D. (0.05)		29	2.0	1.5
	C.V.		12		
	Location Average		196	20.3	54.6

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.

**Table 24. Three-year Average Corn Yields at SHENANDOAH VALLEY, VIRGINIA, 2012-2014 - Virginia Tech Trials.**

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>3</sup></b>	<b>Yield<sup>4</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
T.A. Seeds	TA583-22DPRIB	108	179	17.9	54.9
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 11HR63™	115	246	21.3	53.7
Pioneer	P1319HR	113	214	20.5	56.2
Channel	214-14VT3PRIB	114	202	21.1	55.7
Channel	215-52VT3PRIB	115	198	21.8	54.8
	Maturity Average		215	21.2	55.1
	L.S.D. (0.05)		19	1.1	1.3
	C.V.		10		
<b>&gt;115 Days Relative Maturity</b>					
Seed Consultants	SC 11AQ72™	117	212	24.7	53.4
	Location Average		209	21.2	54.8

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies.

<sup>2</sup> Reported at 15.5% moisture.



**Virginia Cooperative Extension**  
Virginia Tech • Virginia State University

[www.ext.vt.edu](http://www.ext.vt.edu)