



# Virginia Cooperative Extension

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## VIRGINIA CORN HYBRID AND MANAGEMENT TRIALS IN 2013

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### Companies Participating in the 2013 Corn Hybrid Trials

Company	Brand	Address
Armor Seed	Armor	PO Box 9, Waldenburg, AR 72475
Augusta Seed	Augusta Seed	PO Box 899, Verona, VA 24482
BioGene	BioGene	5477 Tri-County Hwy, Sardinia, OH 45171
Crop Production Services	Dyna-Gro	15277 Richmond Tappahannock Hwy, St. Stephens Church, VA 23148-0409
Doeblers	Doeblers and RPM®	202 Tiadaghton Ave., Jersey Shore, PA 17740
Dow AgroSciences	Mycogen Seeds	9330 Zionsville Rd., Indianapolis, IN 46268
Dupont Pioneer	Pioneer	700 Boulevard South, Suite 302, Huntsville, AL 35802
Hubner Seed	Hubner	10280 W State Road 28, West Lebanon, IN 47991
Mid-Atlantic Seeds, Inc	Mid-Atlantic	204 St Charles Way #163, York, PA 17404
Monsanto	Channel and DEKALB	800 N Lindbergh Blvd, St Louis, MO 63167
Meherrin	Phoenix	413 Main St, Severn, NC 27877
Seed Consultants, Inc	Seed Consultants	648 Miami Trace Rd., Washington Crthse, OH 43160
Southern States Cooperative, Inc	Southern States	6606 West Broad St., Richmond, VA 23230
Syngenta Seeds	NK Brand	11055 Wayzata Blvd., Minnetonka, MN 55305
T.A. Seeds LLC	T.A. Seeds	PO Box 300, Avis, PA 17721
Tenkoz, Inc.	Phoenix	PO Box 200, Severn, NC 27877

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## Background Information

Performance trials of commercial corn hybrids were conducted at six locations in Virginia in 2013. 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.

## 2013 Virginia Corn Hybrid Plot Information

(Rates are on a per acre basis.)

### Blacksburg Whitethorne Farm

**Planted:** May 3, 2013  
**Harvested:** October 11-15, 2013  
**Population:** 22,625 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 1, 2013; 5 lb Force® 3G at planting; 0.75 qt Atrazine 90 + 0.5 pt Banvel® June 17, 2013  
**Fertilizer:** 40-40-40 pre-plant incorporated April 26, 2013; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 15 gal 30% UAN May 31, 2013  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Type:** Hayter  
**Cooperator:** Jon Wooge

### Blackstone Southern Piedmont Agricultural Research & Extension Center

**Planted:** April 24, 2013  
**Harvested:** September 12, 2013  
**Population:** 23,000 plants/acre  
**Pesticide:** 2 qt Buccaneer® + 3 qt Lumax® April 16, 2013; 5 lb Force® 3G at planting  
**Fertilizer:** 1000 lb 10-10-10 pre-plant incorporated April 15, 2013; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 80 lb N top-dressed May 22, 2013  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Type:** Appling sandy loam  
**Cooperator:** Ned Jones

### Holland Tidewater Agricultural Research & Extension Center

**Planted:** April 16, 2013 notill into a cereal cover after peanuts  
**Harvested:** September 5, 2013  
**Population:** 23,350 plants/acre  
**Pesticide:** 1.5 oz 2,4-D amine + 22 oz Roundup WeatherMAX® April 1, 2013; 1 qt AAtrex® 4L + 2 qt Intro® April 13, 2013; 5 lb Force® 3G at planting  
**Fertilizer:** 300 lb 8-15-36 March 29, 2013; 60 units N using 24-0-0-3 April 13, 2013, 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 100 units 24-0-0-3 May 30, 2013  
**Plot Size:** 2 rows 35' x 30" 4 replications  
**Soil Type:** Eunola, Nansemond and Uchee  
**Cooperator:** Bobby Ashburn

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

**Planted:** April 18-23, 2013 notill into soybean stubble  
**Harvested:** September 13, 2013  
**Population:** 23,050 plants/acre  
**Pesticide:** 3 pt Lumax® + 1.5 lb Princep® pre-plant incorporated + 5 lb Force® 3G at planting; 54 oz Halex™ + 12 oz glyphosate post-emerge

**Fertilizer:** 60-50-80 pre-plant incorporated; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 90 lb N + 11 lb S side-dressed May 23, 2013  
**Soil Type:** State fine sandy loam  
**Cooperator:** Bruce Beahm

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

**Planted:** April 17, 2013 notill into soybean stubble  
**Harvested:** September 14, 2013  
**Population:** 28,750 plants/acre  
**Pesticide:** 5.5 pt Lumax® + 1 lb Atrazine + 1 lb Princep® pre-plant incorporated; 5 lb Force® 3G at planting  
**Fertilizer:** 60-50-80 pre-plant incorporated; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 140 lb N + 17 lb S applied June 4, 2013 + 65 lb N through irrigation June 20, 2013  
**Irrigation:** 0.2" June 20                      0.9" July 18  
1.0" June 25                      1.0" July 26  
0.5" July 8                      0.6" August 4  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Type:** State fine sandy loam  
**Cooperator:** Bruce Beahm

### Orange Northern Piedmont Center

**Planted:** May 15, 2013  
**Harvested:** October 18-21, 2013  
**Population:** 21,375 plants/acre  
**Pesticide:** 2.1 qt Bicep® + 1 qt Atrazine + 1.5 qt Roundup® April 24, 2013; 5 lb Force® 3G at planting  
**Fertilizer:** 39-100-100 April 26, 2013; 100 lb N side-dressed June 14, 2013  
**Plot Size:** 2 rows 30' x 30" 4 replications  
**Soil Type:** Davidson silt clay loam  
**Cooperators:** Steve Gulick

### Shenandoah Valley (Timberville - Thanks to Linden

**Heatwole)**  
**Planted:** May 20, 2013 notill into alfalfa  
**Harvested:** October 31, 2013  
**Population:** 22,220 plants/acre  
**Pesticide:** 1 qt Roundup® + 1 qt Wex ground conditioner + 1 qt 2,4-D + 1 oz Verdict™ + 1 lb sugar; 5 lb Force® 3G at planting; 5oz NorthStar® + 12 oz Quilt® post-plant (Quilt® applied aerially)  
**Fertilizer:** Preplant 6000 gal liquid dairy with Guardian™ N stabilizer + 1 qt AMS Complete; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 87 lb N as UAN.  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Type:** Massanetta silt loam  
**Cooperators:** Matt Yancey and Linden Heatwole

**Table 1. List of Hybrids in the 2013 VA Corn Hybrid & Management Trials**

<b>Brand</b>	<b>Hybrid</b>	<b>ID</b>	<b>Trait Group<sup>1</sup></b>	<b>DTM<sup>2</sup></b>	<b>OBS<sup>3</sup></b>
Armor	0700PRO2	4951	29	107	3
Armor	1133PRO2	4952	29	111	3
Armor	1262PRO2	4953	29	112	3
Armor	1555SS	4954	32	114	3
Armor	1550PRO2	4955	29	115	3
Armor	1880PRO2	4956	29	118	3
Augusta	A2954	8158	2	104	3
Augusta	A2954IN	8159	2	104	3
Augusta	A5658	8134	2	108	6
Augusta	A5262	8046	6	112	4
Augusta	A5362	8053	28	112	3
Augusta	A5664	8156	6	114	3
Augusta	A5565	8048	28	115	6
Augusta	A5465	8151	2	115	3
Augusta	A6665	8155	28	115	6
Augusta	A6866	8153	6	116	3
Augusta	A7767	8152	28	117	5
Augusta	A7768	8154	0	118	3
BioGene	BG 850V2	5785	30	114	1
BioGene	BG 860V2	5783	30	116	1
BioGene	BG 881VP	5784	8	118	1
Channel	209-53STXRIB	4767	32	109	1
Channel	210-95STXRIB	4768	32	110	4
Channel	212-86STXRIB	4769	32	112	4
Channel	213-40VT3PRIB	4761	31	113	4
Channel	213-59STXRIB	4770	32	113	4
Channel	214-14VT3PRIB	4754	31	114	3
Channel	215-82VT3PRIB	4765	31	115	3
Channel	215-52VT3PRIB	4798	31	115	3
DEKALB	DKC61-88GENVT3PRIB	4265	31	111	4
DEKALB	DKC62-97GENVT3PRIB	4257	31	112	6
DEKALB	DKC62-08GENSSRIB	4275	33	112	6
DEKALB	DKC63-33GENSSRIB	4276	33	113	6
DEKALB	DKC64-69GENVT3P	4259	31	114	4
DEKALB	DKC65-19GENVT3PRIB	4270	31	115	6
DEKALB	DKC67-57GENVT3P	4271	31	117	6
DEKALB	DKC68-03GENVT2P	4277	29	118	4
Doebblers	698GRQ	5149	6	114	6
Dupont Pioneer	P0210AM	5057	17	102	3
Dupont Pioneer	P0912HR	5065	12	109	6
Dupont Pioneer	P1184AM	5066	17	111	6
Dupont Pioneer	P1319HR	5067	12	113	6
Dupont Pioneer	P1498AM	5073	17	114	6
Dupont Pioneer	P1690AM	5074	17	116	6
Dupont Pioneer	P2088AM	5072	17	120	6

**Table 1, continued. List of Hybrids in the 2013 VA Corn Hybrid & Management Trials**

<b>Brand</b>	<b>Hybrid</b>	<b>ID</b>	<b>Trait Group<sup>1</sup></b>	<b>DTM<sup>2</sup></b>	<b>OBS<sup>3</sup></b>
Dyna-Gro	D52VC91RIB	4081	29	112	6
Dyna-Gro	D53VC13	4082	29	113	6
Dyna-Gro	D53VP22	4083	31	113	6
Dyna-Gro	D55VP77	4084	31	115	6
Golden Acres	24V61	9051	28	111	6
Golden Acres	G4598	9052	30	114	6
Golden Acres	G5531	9053	28	115	6
Golden Acres	27V01	9054	28	117	6
Hubner Seed	H5420RC3P	4863	31	110	6
Hubner Seed	H6518RCSS	4864	33	111	6
Hubner Seed	H4744RC2P	4867	30	113	6
Hubner Seed	H6844RCSS	4866	33	115	6
Mid-Atlantic Seeds	MA8045VT3PRO	4928	31	102	1
Mid-Atlantic Seeds	MA8102VT3PRO	4902	31	108	1
Mid-Atlantic Seeds	MA5091GT3VIP	4904	9	108	1
Mid-Atlantic Seeds	MA8099VT3PRO	4923	31	108	1
Mid-Atlantic Seeds	MA5099GTCBLL	4925	2	108	1
Mid-Atlantic Seeds	MA5105GTCBLL	4929	2	109	1
Mid-Atlantic Seeds	MA8127VT3PRO	4907	31	111	1
Mid-Atlantic Seeds	MA8121VT3PRO	4931	31	111	1
Mid-Atlantic Seeds	MA8167VT3PRO	4743	31	115	1
Mid-Atlantic Seeds	MA8157VT3PRO	4919	31	115	1
Mycogen Seeds	2V709	8240	34	110	2
Mycogen Seeds	2V717	8241	34	111	2
Mycogen Seeds	2V779	8242	34	113	2
Mycogen Seeds	2Y767	8243	34	114	2
Mycogen Seeds	2C786	8244	34	114	2
NK Brand	N74R 3000GT Brand	8980	6	112	4
NK Brand	N79Z 3000GT Brand	8990	6	114	3
Phoenix	5552A4	4001	9	111	3
Phoenix	6948A3	4002	6	114	2
Phoenix	6522A4	4003	9	114	4
Phoenix	7914A3	4004	6	115	4
Phoenix	6542A4	4005	9	116	3
Phoenix	6706A4	4010	9	116	4
Phoenix	8400A4	4009	9	117	3
RPM®	604HRQ™	5147	14	108	6
RPM®	647AM1™	5146	17	110	6
RPM®	633HXR™	9201	12	110	6
RPM®	657AM™	5148	15	112	6
RPM®	688AMX™	5141	18	113	6
RPM®	743HXR™	5142	12	116	6
RPM®	765YHR™	5150	20	117	6
Seed Consultants	SCS 1094AM-R™	4643	15	108	3
Seed Consultants	SCS 11HR02™	4630	12	109	3
Seed Consultants	SC 11AQ03™	4644	6	109	3

**Table 1, continued. List of Hybrids in the 2013 VA Corn Hybrid & Management Trials**

<b>Brand</b>	<b>Hybrid</b>	<b>ID</b>	<b>Trait Group<sup>1</sup></b>	<b>DTM<sup>2</sup></b>	<b>OBS<sup>3</sup></b>
Seed Consultants	SCS 11HR21™	4627	12	111	3
Seed Consultants	SCS 1131AM-R™	4645	15	112	4
Seed Consultants	SCS 11HQ33™	4646	14	112	4
Seed Consultants	SC 11AQ43™	4640	6	113	4
Seed Consultants	SCS 1154AM-R™	4647	15	114	4
Seed Consultants	SCS 11HR63™	4638	12	115	4
Seed Consultants	SC 11AQ72™	4637	6	117	4
Seed Consultants	SCS 1184AM-R™	4648	15	117	4
T.A. Seeds	TA583-22DP	5401	30	108	6
T.A. Seeds	TA614-22DP	5409	30	110	6
T.A. Seeds	TA683-22DP	5405	30	112	6
T.A. Seeds	TA744-22DP	5410	30	114	6
T.A. Seeds	TA784-13VP	5411	31	118	6

<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)	Cry1F Cry1Ab	<b>BCW ECB FAW</b> <b>WBC</b>	<b>CRW</b>	RR2	<b>10% in the bag</b>

AcreMax Xtra	Cry34/35Ab1	CEW SB			
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>					
<b>29-Genuity VT Double PRO</b>	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. 2013 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>										
Armor	0700PRO2	107	98	---	100	102	---	---	101	100
Augusta	A2954	104	97	---	103	98	---	80	---	94
Augusta	A2954IN	104	91	---	102	95	---	81	---	92
Dupont Pioneer	P0210AM	102	---	92	97	89	---	---	70	87
<b>108-111 Days Relative Maturity</b>										
Dupont Pioneer	P0912HR	109	109	109	104	101	93	96	99	102
Phoenix	5552A4	111	100	103	102	99	---	---	---	101
Hubner Seed	H5420RC3P	110	101	104	92	104	100	97	106	101
DEKALB	DKC61-88GENVT3PRIB	111	---	---	104	105	97	99	98	101
Mycogen Seeds	2V709	110	96	---	102	101	---	---	---	100
Dupont Pioneer	P1184AM	111	91	100	106	94	92	118	96	100
Seed Consultants	SCS 11HR02™	109	---	---	103	105	95	---	94	99
Golden Acres	24V61	111	96	103	100	102	92	97	95	98
Seed Consultants	SC 11AQ03™	109	---	---	99	96	88	---	107	97
Armor	1133PRO2	111	104	---	92	98	---	---	94	97
Mycogen Seeds	2V717	111	88	---	103	98	---	---	---	96
Hubner Seed	H6518RCSS	111	102	93	97	98	87	89	106	96
Seed Consultants	SCS 1094AM-R™	108	---	---	110	105	87	---	82	96
Augusta	A5658	108	92	102	105	102	85	91	96	96
Channel	210-95STXRIB	110	---	95	99	98	---	95	89	95
RPM®	647AM1™	110	93	88	91	98	90	89	110	94
RPM®	633HXR™	110	88	87	101	105	85	93	95	93
T.A. Seeds	TA614-22DP	110	88	98	107	88	91	93	85	93
Seed Consultants	SCS 11HR21™	111	---	---	90	98	91	---	90	92
RPM®	604HRQ™	108	100	90	87	100	86	92	87	92
T.A. Seeds	TA583-22DP	108	94	98	100	96	83	84	81	91
<b>112-115 Days Relative Maturity</b>										
Seed Consultants	SCS 11HR63™	115	---	---	102	111	115	103	128	112
Golden Acres	G4598	114	104	105	116	104	103	111	123	109
Seed Consultants	SCS 1131AM-R™	112	---	---	98	106	106	117	118	109
Hubner Seed	H6844RCSS	115	106	111	102	102	103	109	114	107
Augusta	A5262	112	104	---	103	120	101	---	106	107

**Table 3, continued. 2013 RELATIVE YIELD\* of corn hybrids entered in three or more locations - Virginia Tech Trials.**

Brand/Company	Hybrid	DTM per		Black- stone	Mt Holly Dryland	Mt Holly Irrigated	Black- burg	Orange	Shenan- doah	Mean
		Co. <sup>1</sup>	Holland							
Channel	213-40VT3PRIB	113	---	106	103	107	---	113	104	107
Channel	214-14VT3PRIB	114	---	106	---	---	---	112	100	106
Phoenix	7914A3	115	96	114	105	103	---	---	111	106
DEKALB	DKC64-69GENVT3P	114	109	110	111	97	---	100	---	105
Seed Consultants	SCS 1154AM-R™	114	---	---	99	102	108	104	111	105
Phoenix	6522A4	114	107	114	104	105	---	---	94	105
Channel	213-59STXRIB	113	---	104	97	101	---	110	111	105
Seed Consultants	SC 11AQ43™	113	---	---	96	105	111	104	105	104
Augusta	A6665	115	100	103	105	94	102	110	114	104
Armor	1550PRO2	115	113	---	102	90	---	---	109	104
NK Brand	N79Z 3000GT Brand	114	94	---	109	106	---	---	105	103
Dupont Pioneer	P1498AM	114	101	102	107	108	103	99	101	103
Hubner Seed	H4744RC2P	113	107	97	103	108	102	111	94	103
Dyna-Gro	D52VC91RIB	112	106	98	100	95	108	106	105	103
Augusta	A5465	115	100	---	102	101	---	---	106	102
DEKALB	DKC63-33GENSSRIB	113	107	106	99	100	95	101	106	102
Armor	1262PRO2	112	108	---	95	99	---	---	105	102
Golden Acres	G5531	115	109	91	103	100	98	108	98	101
Channel	215-52VT3PRIB	115	---	108	---	---	---	99	96	101
RPM®	657AM™	112	105	107	104	94	99	97	100	101
Dyna-Gro	D53VC13	113	95	107	96	95	106	100	106	101
Dyna-Gro	D55VP77	115	104	101	93	104	101	110	92	101
Dupont Pioneer	P1319HR	113	105	94	95	104	98	96	111	100
Mycogen Seeds	2Y767	114	98	---	98	104	---	---	---	100
DEKALB	DKC65-19GENVT3PRIB	115	95	96	100	101	102	113	94	100
Channel	215-82VT3PRIB	115	---	99	---	---	---	104	97	100
Phoenix	6948A3	114	103	---	96	99	---	---	---	99
Doebler	698GRQ	114	90	101	100	104	101	93	106	99
Dyna-Gro	D53VP22	113	98	107	104	94	95	97	100	99
NK Brand	N74R 3000GT Brand	112	102	---	98	100	101	---	95	99
Mycogen Seeds	2V779	113	98	---	98	101	---	---	---	99
Armor	1555SS	114	101	---	98	100	---	---	96	99

**Table 3, continued. 2013 RELATIVE YIELD\* of corn hybrids entered in three or more locations - Virginia Tech Trials.**

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	DKC62-08GENSSRIB	112	92	103	102	102	98	98	97	99
Seed Consultants	SCS 11HQ33™	112	---	---	99	102	103	96	89	98
RPM®	688AMX™	113	102	96	96	104	92	92	99	97
DEKALB	DKC62-97GENVT3PRIB	112	100	104	92	99	96	93	94	97
Augusta	A5362	112	106	89	---	---	---	93	---	96
Mycogen Seeds	2C786	114	95	---	108	85	---	---	---	96
Augusta	A5664	114	100	---	97	91	---	95	---	96
T.A. Seeds	TA744-22DP	114	87	95	95	95	106	99	94	96
Augusta	A5565	115	107	83	91	86	107	97	94	95
Channel	212-86STXRIB	112	---	96	97	98	---	94	90	95
T.A. Seeds	TA683-22DP	112	95	89	101	95	101	91	89	94
<b>&gt;115 Days Relative Maturity</b>										
Seed Consultants	SCS 1184AM-R™	117	---	---	104	105	120	116	106	110
Phoenix	8400A4	117	104	107	106	107	---	---	---	106
Dupont Pioneer	P1690AM	116	110	104	98	104	110	101	114	106
RPM®	743HXR™	116	105	103	97	106	113	112	103	106
Dupont Pioneer	P2088AM	120	112	94	98	104	104	113	111	105
DEKALB	DKC68-03GENVT2P	118	109	99	---	---	108	---	98	103
Augusta	A7768	118	---	---	104	108	---	104	96	103
Seed Consultants	SC 11AQ72™	117	---	---	104	103	109	98	100	103
T.A. Seeds	TA784-13VP	118	102	97	99	96	110	100	108	102
Augusta	A6866	116	101	---	91	100	---	111	---	101
RPM®	765YHR™	117	97	101	98	96	106	102	105	101
Armor	1880PRO2	118	102	---	105	96	---	---	96	100
Phoenix	6542A4	116	98	103	100	97	---	---	---	100
Golden Acres	27V01	117	102	100	101	95	99	97	100	99
DEKALB	DKC67-57GENVT3P	117	99	96	100	99	106	94	97	99
Augusta	A7767	117	84	---	107	93	112	99	95	98
Phoenix	6706A4	116	99	90	100	92	---	---	102	97

\* 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\* (2012-2013) 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>108-111 Days Relative Maturity</b>				
Dupont Pioneer	P0912HR	109	11	103
DEKALB	DKC61-88GENVT3PRIB	111	8	102
Dupont Pioneer	P1184AM	111	12	100
Seed Consultants	SCS 11HR02™	109	7	100
RPM®	633HXR™	110	12	98
RPM®	647AM1™	110	12	98
Seed Consultants	SCS 11HR21™	111	7	96
T.A. Seeds	TA583-22DP	108	12	95
<b>112-115 Days Relative Maturity</b>				
Channel	213-40VT3PRIB	113	8	109
Channel	214-14VT3PRIB	114	6	108
Seed Consultants	SCS 11HR63™	115	9	106
Seed Consultants	SCS 11AQ43™	112	9	105
DEKALB	DKC64-69GENVT3P	114	9	104
Dupont Pioneer	P1319HR	113	11	102
RPM®	688AMX™	113	12	96
T.A. Seeds	TA683-22DP	112	12	96
DEKALB	DKC62-97GENVT3PRIB	112	11	95
<b>&gt;115 Days Relative Maturity</b>				
RPM®	743HXR™	116	12	108
DEKALB	DKC67-57GENVT3P	117	10	101
Seed Consultants	SC 11AQ72™	117	8	101

\* 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\* (2011-2013) 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>108-111 Days Relative Maturity</b>				
DEKALB	DKC61-88 VT3P	111	12	101
RPM®	633HXR™	110	18	100
Seed Consultants	SCS 11HR02™	109	10	100
Seed Consultants	SCS 11HR21™	111	10	96
<b>112-115 Days Relative Maturity</b>				
Channel	213-40VT3PRIB	113	11	113
Channel	214-14VT3PRIB	114	9	109
DEKALB	DKC64-69GENVT3P	114	14	106
<b>&gt;115 Days Relative Maturity</b>				
DEKALB	DKC67-57GENVT3P	117	13	104

\* 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 2013 - 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	0700PRO2	107	189	21.5	53.4
Augusta	A2954	104	188	21.1	52.5
Augusta	A2954IN	104	176	20.6	53.4
	Maturity Average		184	21.1	53.1
	L.S.D. (0.05)		19	3.1	2.0
	C.V.		6	8.5	1.4
<b>108-111 Days Relative Maturity</b>					
Dupont Pioneer	P0912HR	109	209	22.0	53.4
Armor	1133PRO2	111	200	21.1	53.9
Hubner Seed	H6518RCSS	111	197	22.0	52.6
Hubner Seed	H5420RC3P	110	194	22.3	52.0
Phoenix	5552A4	111	193	21.6	51.8
RPM®	604HRQ™	108	193	20.4	53.7
Mycogen Seeds	2V709	110	185	22.2	51.9
Golden Acres	24V61	111	184	21.0	51.3
T.A. Seeds	TA583-22DP	108	180	20.4	52.8
RPM®	647AM1™	110	179	23.5	53.5
Augusta	A5658	108	177	22.6	52.4
Dupont Pioneer	P1184AM	111	176	21.0	55.9
T.A. Seeds	TA614-22DP	110	170	20.8	53.4
RPM®	633HXR™	110	170	21.7	55.4
Mycogen Seeds	2V717	111	170	22.5	51.5
	Maturity Average		185	21.7	53.0
	L.S.D. (0.05)		22	1.6	1.8
	C.V.		8	5.1	2.1
<b>112-115 Days Relative Maturity</b>					
Armor	1550PRO2	115	218	22.5	55.9
Golden Acres	G5531	115	211	23.5	53.3
DEKALB	DKC64-69GENVT3P	114	210	23.7	53.8
Armor	1262PRO2	112	208	21.2	54.4
DEKALB	DKC63-33GENSSRIB	113	207	21.0	53.5
Phoenix	6522A4	114	206	22.9	50.8
Augusta	A5565	115	206	23.4	52.6
Hubner Seed	H4744RC2P	113	206	25.2	51.7
Dyna-Gro	D52VC91RIB	112	205	23.2	53.9
Augusta	A5362	112	205	21.6	54.3
Hubner Seed	H6844RCSS	115	204	27.1	51.8
RPM®	657AM™	112	203	23.0	53.1
Dupont Pioneer	P1319HR	113	202	22.9	54.4
Dyna-Gro	D55VP77	115	201	25.4	51.4
Golden Acres	G4598	114	200	22.2	52.7
Augusta	A5262	112	200	23.8	49.7
Phoenix	6948A3	114	199	24.5	53.0
NK Brand	N74R 3000GT Brand	112	197	23.7	51.2



**Table 6, cont'd. Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2013 - 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>
RPM®	688AMX™	113	197	23.6	53.7
Dupont Pioneer	P1498AM	114	195	22.5	53.2
Armor	1555SS	114	195	26.2	51.2
Augusta	A6665	115	193	22.0	53.6
Augusta	A5664	114	193	24.7	51.0
Augusta	A5465	115	192	24.8	51.7
DEKALB	DKC62-97GENVT3PRIB	112	192	21.3	53.4
Dyna-Gro	D53VP22	113	190	21.8	52.2
Mycogen Seeds	2V779	113	189	24.7	50.3
Mycogen Seeds	2Y767	114	188	25.1	52.0
Phoenix	7914A3	115	186	25.2	51.9
Dyna-Gro	D53VC13	113	184	22.8	53.4
Mycogen Seeds	2C786	114	183	26.1	51.2
DEKALB	DKC65-19GENVT3PRIB	115	183	23.7	54.2
T.A. Seeds	TA683-22DP	112	182	21.9	53.1
NK Brand	N79Z 3000GT Brand	114	182	24.8	52.0
DEKALB	DKC62-08GENSSRIB	112	177	22.1	53.1
Doebblers	698GRQ	114	174	27.7	50.6
T.A. Seeds	TA744-22DP	114	168	26.9	51.6
	Maturity Average		195	23.8	52.6
	L.S.D. (0.05)		27	2.2	1.6
	C.V.		9	6.4	1.9
<b>&gt;115 Days Relative Maturity</b>					
Dupont Pioneer	P2088AM	120	216	24.9	50.9
Dupont Pioneer	P1690AM	116	211	25.5	53.9
DEKALB	DKC68-03GENVT2P	118	209	23.7	51.6
RPM®	743HXR™	116	202	23.4	54.1
Phoenix	8400A4	117	200	24.5	53.1
Golden Acres	27V01	117	197	25.3	50.9
Armor	1880PRO2	118	196	24.2	53.3
T.A. Seeds	TA784-13VP	118	196	23.2	51.7
Augusta	A6866	116	194	26.4	52.4
Phoenix	6706A4	116	191	23.2	53.6
DEKALB	DKC67-57GENVT3P	117	190	22.0	52.4
Phoenix	6542A4	116	190	24.3	52.7
RPM®	765YHR™	117	187	26.0	53.4
Augusta	A7767	117	161	24.4	50.9
	Maturity Average		196	24.4	52.5
	L.S.D. (0.05)		32	1.8	2.2
	C.V.		10	4.6	2.3
	Location Average		193	23.3	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.

Planted April 16, 2013. Harvested September 5, 2013. Population was 23,350 plants/acre.

**Table 7. Two-year Average Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2012 and 2013 - 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	164	20.7	50.7
RPM®	647AM1™	110	159	21.7	54.3
RPM®	633HXR™	110	156	21.0	54.3
T.A. Seeds	TA583-22DP	108	148	18.7	53.1
Dupont Pioneer	P1184AM	111	145	19.3	55.8
	Maturity Average		154	20.3	53.6
	L.S.D. (0.05)		27	1.2	2.5
	C.V.		15	5.2	3.6
<b>112-115 Days Relative Maturity</b>					
Phoenix	6522A4	114	177	22.3	50.8
Augusta	A5362	112	177	20.6	54.1
DEKALB	DKC64-69GENVT3P	114	176	21.7	53.9
Augusta	A5565	115	174	22.0	53.4
Phoenix	6948A3	114	172	22.7	52.5
RPM®	688AMX™	113	164	21.7	54.0
Phoenix	7914A3	115	164	23.2	52.6
DEKALB	DKC62-97GENVT3PRIB	112	160	20.0	53.3
Augusta	A5262	112	159	21.4	51.0
T.A. Seeds	TA683-22DP	112	144	20.6	53.5
	Maturity Average		167	21.6	52.9
	L.S.D. (0.05)		20	1.2	1.2
	C.V.		11	5.3	2.0
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC67-57GENVT3P	117	174	21.1	53.3
RPM®	743HXR™	116	172	22.5	54.1
Phoenix	6542A4	116	160	22.5	51.3
	Maturity Average		169	22.0	52.9
	L.S.D. (0.05)		20	1.0	2.8
	C.V.		10	3.6	3.4
	Location Average		164	21.4	53.1

<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 8. Three-year Average Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA, 2011-2013 - 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>					
RPM®	633HXR™	110	137	19.7	55.1
<b>112-115 Days Relative Maturity</b>					
DEKALB	DKC64-69GENVT3P	114	160	21.8	53.7
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC67-57GENVT3P	117	148	19.9	53.4
	Location Average		149	20.5	54.0

<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 9. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 - 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>					
Augusta	A2954	104	165	15.0	54.3
Mid-Atlantic Seeds	MA8045VT3PRO	102	165	14.4	57.2
Augusta	A2954IN	104	163	15.3	54.6
Armor	0700PRO2	107	161	16.0	56.3
Dupont Pioneer	P0210AM	102	155	14.1	55.3
	Maturity Average		162	14.9	55.5
	L.S.D. (0.05)		10	1.4	1.4
	C.V.		4	6.0	1.6
<b>108-111 Days Relative Maturity</b>					
Seed Consultants	SCS 1094AM-R™	108	176	16.7	54.5
T.A. Seeds	TA614-22DP	110	172	16.4	56.5
Dupont Pioneer	P1184AM	111	170	16.5	58.3
Augusta	A5658	108	169	16.7	54.2
DEKALB	DKC61-88GENVT3PRIB	111	167	15.8	55.8
Dupont Pioneer	P0912HR	109	167	16.6	55.3
Seed Consultants	SCS 11HR02™	109	166	16.7	54.7
Mycogen Seeds	2V717	111	164	16.8	51.1
Mid-Atlantic Seeds	MA5105GTCBLL	109	164	15.9	55.8
Mycogen Seeds	2V709	110	164	15.8	55.5
Mid-Atlantic Seeds	MA8121VT3PRO	111	164	17.8	55.2
Phoenix	5552A4	111	163	16.3	53.2
Mid-Atlantic Seeds	MA5091GT3VIP	108	161	16.6	56.0
RPM®	633HXR™	110	161	16.6	58.9
T.A. Seeds	TA583-22DP	108	161	14.8	55.6
Golden Acres	24V61	111	160	16.8	54.7
Channel	210-95STXRIB	110	159	15.9	56.9
Seed Consultants	SC 11AQ03™	109	159	16.9	54.1
Hubner Seed	H6518RCSS	111	156	15.7	53.9
Channel	209-53STXRIB	109	155	16.4	56.2
Mid-Atlantic Seeds	MA8127VT3PRO	111	153	17.8	56.5
Mid-Atlantic Seeds	MA8099VT3PRO	108	151	17.2	56.6
Hubner Seed	H5420RC3P	110	148	16.8	54.0
Armor	1133PRO2	111	148	15.9	56.1
Mid-Atlantic Seeds	MA5099GTCBLL	108	147	17.6	51.6
RPM®	647AM1™	110	145	16.9	57.2
Seed Consultants	SCS 11HR21™	111	144	15.7	55.7
RPM®	604HRQ™	108	140	15.4	56.8
Mid-Atlantic Seeds	MA8102VT3PRO	108	132	16.7	55.8
	Maturity Average		158	16.5	55.4
	L.S.D. (0.05)		24	0.9	1.3
	C.V.		11	3.8	1.6
<b>112-115 Days Relative Maturity</b>					
Golden Acres	G4598	114	187	16.3	56.3
DEKALB	DKC64-69GENVT3P	114	178	16.8	57.1
NK Brand	N79Z 3000GT Brand	114	175	18.5	55.5

**Table 9, cont'd. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 - 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>
Mycogen Seeds	2C786	114	173	17.3	53.5
Dupont Pioneer	P1498AM	114	172	16.6	56.6
Mid-Atlantic Seeds	MA8167VT3PRO	115	170	19.4	54.3
Augusta	A6665	115	168	15.7	55.8
Phoenix	7914A3	115	168	18.6	55.6
Dyna-Gro	D53VP22	113	167	16.3	54.7
Phoenix	6522A4	114	167	19.1	52.7
RPM®	657AM™	112	166	16.3	56.7
Golden Acres	G5531	115	165	16.1	55.8
Channel	213-40VT3PRIB	113	165	16.8	54.6
Hubner Seed	H4744RC2P	113	164	17.6	55.4
Augusta	A5262	112	164	16.2	52.9
Augusta	A5465	115	164	19.1	56.6
DEKALB	DKC62-08GENSSRIB	112	164	16.5	54.3
Seed Consultants	SCS 11HR63™	115	164	17.3	55.0
Armor	1550PRO2	115	164	16.4	56.3
Hubner Seed	H6844RCSS	115	163	18.7	55.2
T.A. Seeds	TA683-22DP	112	162	17.0	55.3
Dyna-Gro	D52VC91RIB	112	161	17.0	56.7
Mid-Atlantic Seeds	MA8157VT3PRO	115	161	17.8	53.3
Doebler's	698GRQ	114	160	18.8	52.2
DEKALB	DKC65-19GENVT3PRIB	115	160	16.4	57.6
Seed Consultants	SCS 11HQ33™	112	158	16.1	57.4
Seed Consultants	SCS 1154AM-R™	114	158	18.3	56.2
DEKALB	DKC63-33GENSSRIB	113	158	15.8	55.3
Mycogen Seeds	2Y767	114	158	16.9	53.4
Armor	1555SS	114	157	18.3	55.3
Seed Consultants	SCS 1131AM-R™	112	157	17.1	56.2
Mycogen Seeds	2V779	113	157	16.7	53.1
NK Brand	N74R 3000GT Brand	112	156	17.3	54.9
Augusta	A5664	114	155	18.0	53.2
Channel	213-59STXRIB	113	155	16.9	53.2
Channel	212-86STXRIB	112	155	16.8	55.3
Seed Consultants	SC 11AQ43™	113	154	18.6	52.2
Phoenix	6948A3	114	154	18.4	54.7
RPM®	688AMX™	113	154	16.8	56.8
Dyna-Gro	D53VC13	113	154	16.7	55.1
Armor	1262PRO2	112	152	16.1	56.9
T.A. Seeds	TA744-22DP	114	152	18.1	55.8
Dupont Pioneer	P1319HR	113	151	17.1	57.3
Dyna-Gro	D55VP77	115	149	16.4	57.1
DEKALB	DKC62-97GENVT3PRIB	112	148	15.5	55.6
Augusta	A5565	115	146	16.8	57.3
	Maturity Average		161	17.2	55.3
	L.S.D. (0.05)		18	1.2	1.5
	C.V.		8	4.9	1.9

**Table 9, cont'd. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 - 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>&gt;115 Days Relative Maturity</b>					
Augusta	A7767	117	172	19.1	53.4
Phoenix	8400A4	117	169	17.6	56.3
Armor	1880PRO2	118	168	16.9	56.5
Seed Consultants	SCS 1184AM-R™	117	167	18.7	54.3
Augusta	A7768	118	167	19.8	55.0
Seed Consultants	SC 11AQ72™	117	166	19.1	55.6
Golden Acres	27V01	117	162	16.8	53.5
Phoenix	6542A4	116	160	18.7	53.4
DEKALB	DKC67-57GENVT3P	117	160	17.6	55.6
Phoenix	6706A4	116	160	17.9	55.3
T.A. Seeds	TA784-13VP	118	158	17.7	54.4
RPM®	765YHR™	117	158	18.5	56.7
Dupont Pioneer	P1690AM	116	158	16.9	57.1
Dupont Pioneer	P2088AM	120	157	17.8	55.3
RPM®	743HXR™	116	156	17.1	57.4
Augusta	A6866	116	146	19.1	54.8
	Maturity Average		161	18.1	55.3
	L.S.D. (0.05)		20	1.2	1.7
	C.V.		9	4.5	2.0
	Location Average		160	17.0	55.4

<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 18-23, 2013. Harvested September 13, 2013. Population was 23,050 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 2011 and 2013 - 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>					
Dupont Pioneer	P0210HR	102	146	15.0	55.1
<b>108-111 Days Relative Maturity</b>					
Mid-Atlantic Seeds	MA8127VT3P	111	157	17.2	56.6
Augusta	A5658	108	156	16.1	54.2
DEKALB	DKC61-88GENVT3PRIB	111	155	16.2	55.4
RPM®	633HXR™	110	151	16.7	58.9
Seed Consultants	SCS 11HR02™	109	150	16.3	54.7
Mid-Atlantic Seeds	MA8102VT3P	108	146	16.3	55.8
Mid-Atlantic Seeds	MA5091GT3VIP	108	140	16.8	55.7
Seed Consultants	SCS 11HR21™	111	137	15.8	55.2
	Maturity Average		149	16.4	55.8
	L.S.D. (0.05)		17	0.7	0.9
	C.V.		11	4.0	1.3
<b>112-115 Days Relative Maturity</b>					
DEKALB	DKC65-19 VT3P	115	173	16.7	57.6
DEKALB	DKC64-69GENVT3P	114	171	16.5	56.4
Channel	213-40VT3PRIB	113	165	16.7	54.9
NK Brand	N74R-3000GT Brand	112	153	17.0	54.9
Mid-Atlantic Seeds	MA8167VT3PRO	115	127	17.3	54.3
	Maturity Average		158	16.8	55.6
	L.S.D. (0.05)		14	0.8	1.3
	C.V.		8	4.6	1.6
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC67-57GENVT3P	117	171	16.9	55.6
	Location Average		154	16.5	55.8

Since this location was not harvested in 2012, data from 2011 was used for computing 2-year averages.

<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 2013 - 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	0700PRO2	107	227	17.4	58.1
Mid-Atlantic Seeds	MA8045VT3PRO	102	221	16.7	59.1
Augusta	A2954	104	218	17.1	55.8
Augusta	A2954IN	104	212	16.2	57.1
Dupont Pioneer	P0210AM	102	198	14.9	58.3
	Maturity Average		215	16.5	57.7
	L.S.D. (0.05)		20	1.7	2.2
	C.V.		6	6.6	2.4
<b>108-111 Days Relative Maturity</b>					
Seed Consultants	SCS 1094AM-R™	108	235	17.5	55.2
DEKALB	DKC61-88GENVT3PRIB	111	235	18.2	58.7
RPM®	633HXR™	110	235	18.1	60.5
Seed Consultants	SCS 11HR02™	109	235	17.9	58.0
Hubner Seed	H5420RC3P	110	232	19.2	56.8
Augusta	A5658	108	227	18.3	56.3
Golden Acres	24V61	111	227	19.0	54.9
Mid-Atlantic Seeds	MA8127VT3PRO	111	226	19.4	57.3
Mycogen Seeds	2V709	110	226	17.8	56.0
Dupont Pioneer	P0912HR	109	225	18.1	57.3
Mid-Atlantic Seeds	MA5105GTCBLL	109	224	17.1	58.9
RPM®	604HRQ™	108	222	16.9	57.9
Mid-Atlantic Seeds	MA8121VT3PRO	111	222	19.5	56.3
Mid-Atlantic Seeds	MA8099VT3PRO	108	221	18.2	57.1
Phoenix	5552A4	111	220	17.4	57.3
RPM®	647AM1™	110	220	19.1	58.7
Channel	210-95STXRIB	110	219	16.9	58.0
Mycogen Seeds	2V717	111	219	17.6	56.2
Armor	1133PRO2	111	219	17.4	58.0
Hubner Seed	H6518RCSS	111	219	17.5	56.6
Seed Consultants	SCS 11HR21™	111	219	17.3	58.9
Channel	209-53STXRIB	109	217	17.3	58.4
Mid-Atlantic Seeds	MA5099GTCBLL	108	217	19.8	53.3
T.A. Seeds	TA583-22DP	108	215	16.1	56.8
Seed Consultants	SC 11AQ03™	109	214	18.2	57.3
Mid-Atlantic Seeds	MA5091GT3VIP	108	213	17.4	58.7
Mid-Atlantic Seeds	MA8102VT3PRO	108	210	18.8	58.9
Dupont Pioneer	P1184AM	111	210	18.2	60.1
T.A. Seeds	TA614-22DP	110	196	17.4	58.5
	Maturity Average		221	18.0	57.5
	L.S.D. (0.05)		21	1.1	2.5
	C.V.		7	4.4	2.7



**Table 11, cont'd. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 - 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>					
Augusta	A5262	112	268	18.5	53.2
Mid-Atlantic Seeds	MA8157VT3PRO	115	261	19.2	55.7
Seed Consultants	SCS 11HR63™	115	248	18.5	57.1
Dupont Pioneer	P1498AM	114	241	18.5	58.4
Hubner Seed	H4744RC2P	113	241	18.5	57.0
Mid-Atlantic Seeds	MA8167VT3PRO	115	239	19.7	54.8
Channel	213-40VT3PRIB	113	239	18.1	56.4
NK Brand	N79Z 3000GT Brand	114	236	19.8	56.5
Seed Consultants	SCS 1131AM-R™	112	235	21.1	55.6
Phoenix	6522A4	114	234	20.4	54.4
Seed Consultants	SC 11AQ43™	113	233	20.4	53.4
Dupont Pioneer	P1319HR	113	233	19.3	59.4
Doebler's	698GRQ	114	233	20.0	53.3
Mycogen Seeds	2Y767	114	232	19.7	53.2
RPM®	688AMX™	113	232	18.8	57.0
Golden Acres	G4598	114	232	17.4	58.3
Dyna-Gro	D55VP77	115	231	18.2	58.9
Phoenix	7914A3	115	229	20.1	55.5
Seed Consultants	SCS 11HQ33™	112	228	18.1	59.0
DEKALB	DKC62-08GENSSRIB	112	228	17.6	56.7
Hubner Seed	H6844RCSS	115	228	19.5	56.4
Seed Consultants	SCS 1154AM-R™	114	228	22.5	56.1
Mycogen Seeds	2V779	113	225	18.2	57.5
DEKALB	DKC65-19GENVT3PRIB	115	225	19.4	58.1
Channel	213-59STXRIB	113	225	18.8	57.5
Augusta	A5465	115	224	20.2	56.3
Armor	1555SS	114	224	20.4	56.1
NK Brand	N74R 3000GT Brand	112	223	18.9	57.1
DEKALB	DKC63-33GENSSRIB	113	223	17.8	57.0
Golden Acres	G5531	115	222	18.8	58.7
DEKALB	DKC62-97GENVT3PRIB	112	221	18.8	55.9
Phoenix	6948A3	114	221	19.1	54.9
Armor	1262PRO2	112	220	18.8	57.1
Channel	212-86STXRIB	112	217	19.5	56.3
DEKALB	DKC64-69GENVT3P	114	216	18.5	57.2
Dyna-Gro	D53VC13	113	212	18.3	58.0
T.A. Seeds	TA744-22DP	114	212	19.6	55.9
T.A. Seeds	TA683-22DP	112	212	17.8	56.6
Dyna-Gro	D52VC91RIB	112	212	17.9	57.8
Augusta	A6665	115	210	17.9	57.1
Dyna-Gro	D53VP22	113	210	18.2	55.6
RPM®	657AM™	112	209	17.6	57.5
Augusta	A5664	114	203	19.9	57.3

**Table 11, cont'd. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2013 - 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>
Armor	1550PRO2	115	202	18.8	58.2
Augusta	A5565	115	191	19.8	58.5
Mycogen Seeds	2C786	114	190	19.6	57.0
	Maturity Average		225	19.1	56.6
	L.S.D. (0.05)		28	1.6	2.2
	C.V.		9	5.8	2.6
<b>&gt;115 Days Relative Maturity</b>					
Augusta	A7768	118	242	21.9	54.6
Phoenix	8400A4	117	240	19.6	56.6
RPM®	743HXR™	116	237	18.5	57.8
Seed Consultants	SCS 1184AM-R™	117	234	21.2	55.0
Dupont Pioneer	P1690AM	116	233	18.7	57.1
Dupont Pioneer	P2088AM	120	233	19.4	54.5
Seed Consultants	SC 11AQ72™	117	231	20.1	56.9
Augusta	A6866	116	223	20.8	54.3
DEKALB	DKC67-57GENVT3P	117	221	18.3	57.6
Phoenix	6542A4	116	217	20.2	52.7
T.A. Seeds	TA784-13VP	118	215	22.3	54.6
Armor	1880PRO2	118	215	18.7	57.2
RPM®	765YHR™	117	213	19.7	58.8
Golden Acres	27V01	117	212	19.4	56.5
Augusta	A7767	117	207	21.0	54.2
Phoenix	6706A4	116	206	21.0	56.6
	Maturity Average		223	20.1	55.9
	L.S.D. (0.05)		22	2.3	2.9
	C.V.		7	8.1	3.2
	Location Average		223	18.8	56.9

<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 17, 2013. Harvested September 14, 2013. Population was 28,750 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 2012 and 2013 - 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>					
Seed Consultants	SCS 11HR02™	109	223	17.0	56.0
Augusta	A5658	108	222	17.4	56.3
DEKALB	DKC61-88GENVT3PRIB	111	215	17.5	57.1
Dupont Pioneer	P0912HR	109	212	17.4	56.7
RPM®	647AM1™	110	212	18.4	58.1
T.A. Seeds	TA583-22DP	108	206	15.8	56.5
Mid-Atlantic Seeds	MA8102VT3PRO	108	206	18.6	57.2
Mid-Atlantic Seeds	MA8127VT3PRO	111	205	18.7	57.1
RPM®	633HXR™	110	204	17.5	59.2
Dupont Pioneer	P1184AM	111	202	17.2	58.8
Seed Consultants	SCS 11HR21™	111	199	17.2	57.5
Mid-Atlantic Seeds	MA8099VT3PRO	108	196	18.0	56.7
Mid-Atlantic Seeds	MA5099GTCBLL	108	191	17.9	54.3
	Maturity Average		207	17.6	57.0
	L.S.D. (0.05)		20	0.7	1.3
	C.V.		10	4.1	2.1
<b>112-115 Days Relative Maturity</b>					
Augusta	A5262	112	228	17.9	53.9
Phoenix	6522A4	114	225	19.6	54.3
Dupont Pioneer	P1319HR	113	223	19.5	58.2
Channel	213-40VT3PRIB	113	217	18.0	55.9
Phoenix	7914A3	115	211	19.2	55.8
Seed Consultants	SCS 11HR63™	115	211	18.8	56.7
RPM®	688AMX™	113	209	18.4	57.0
NK Brand	N74R 3000GT Brand	112	208	18.7	55.5
Seed Consultants	SCS 11AQ43™	113	207	19.4	53.5
DEKALB	DKC64-69GENVT3P	114	198	18.7	56.5
DEKALB	DKC62-97GENVT3PRIB	112	196	17.9	55.9
Augusta	A5565	115	195	19.1	57.4
Mid-Atlantic Seeds	MA8167VT3PRO	115	193	18.7	55.3
T.A. Seeds	TA683-22DP	112	178	17.6	56.3
	Maturity Average		207	18.7	55.9
	L.S.D. (0.05)		21	1.1	1.5
	C.V.		10	5.9	2.5
<b>&gt;115 Days Relative Maturity</b>					
Doebler	RPM 743HXR	116	217	17.9	57.9
Phoenix	6542A4	116	211	19.6	53.3
DEKALB	DKC67-57GENVT3P	117	201	17.7	56.5
	Maturity Average		210	18.4	55.9
	L.S.D. (0.05)		21	0.4	1.5
	C.V.		9	1.8	2.1
	Location Average		207	18.2	56.4

<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, 2011-2013 - 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>					
Seed Consultants	SCS 11HR02™	109	220	18.1	55.6
Augusta	A5658	108	213	17.9	56.7
Mid-Atlantic Seeds	MA8127VT3P	111	213	18.5	56.9
Mid-Atlantic Seeds	MA8102VT3P	108	212	18.8	57.4
DEKALB	DKC61-88GENVT3PRIB	111	211	18.3	56.3
RPM®	633HXR™	110	206	18.0	59.0
Seed Consultants	SCS 11HR21™	111	200	19.5	57.1
	Maturity Average		211	18.4	57.0
	L.S.D. (0.05)		21	1.7	1.4
	C.V.		12	11.3	2.8
<b>112-115 Days Relative Maturity</b>					
Channel	213-40VT3PRIB	113	224	18.4	55.5
NK Brand	N74R-3000GT Brand	112	216	18.7	55.4
Mid-Atlantic Seeds	MA8167VT3PRO	115	188	18.8	55.9
DEKALB	DKC64-69GENVT3P	114	185	20.1	56.6
	Maturity Average		203	19.0	55.9
	L.S.D. (0.05)		19	1.1	1.5
	C.V.		11	7.1	3.0
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC67-57GENVT3P	117	207	18.1	56.6
	Location Average		208	18.6	56.6

<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 14. Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2013 - 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>					
Dupont Pioneer	P0210AM	102	187	16.4	53.9
<b>108-111 Days Relative Maturity</b>					
Dupont Pioneer	P0912HR	109	222	19.3	53.4
Hubner Seed	H5420RC3P	110	212	19.8	52.0
Golden Acres	24V61	111	210	22.2	52.9
Phoenix	5552A4	111	209	20.6	50.7
Augusta	A5658	108	208	21.3	52.9
Dupont Pioneer	P1184AM	111	203	18.8	56.2
T.A. Seeds	TA583-22DP	108	200	17.9	53.7
T.A. Seeds	TA614-22DP	110	199	19.3	54.2
Channel	210-95STXRIB	110	193	18.4	54.8
Hubner Seed	H6518RCSS	111	189	18.6	53.7
RPM®	604HRQ™	108	184	17.7	55.2
RPM®	647AM1™	110	179	19.3	55.6
RPM®	633HXR™	110	178	18.5	55.7
	Maturity Average		199	19.4	53.9
	L.S.D. (0.05)		23	1.6	1.4
	C.V.		8	5.9	1.8
<b>112-115 Days Relative Maturity</b>					
Phoenix	7914A3	115	232	22.2	53.5
Phoenix	6522A4	114	232	23.8	50.2
Hubner Seed	H6844RCSS	115	225	25.0	51.6
DEKALB	DKC64-69GENVT3P	114	224	20.2	52.7
Channel	215-52VT3PRIB	115	219	20.4	53.2
Dyna-Gro	D53VP22	113	218	20.2	52.0
Dyna-Gro	D53VC13	113	218	21.5	53.1
RPM®	657AM™	112	217	19.2	55.8
Channel	214-14VT3PRIB	114	217	19.0	55.0
DEKALB	DKC63-33GENSSRIB	113	217	19.6	54.1
Channel	213-40VT3PRIB	113	216	20.8	53.1
Golden Acres	G4598	114	214	21.1	53.4
DEKALB	DKC62-97GENVT3PRIB	112	212	21.2	52.7
Channel	213-59STXRIB	113	212	20.7	53.3
DEKALB	DKC62-08GENSSRIB	112	209	19.5	53.2
Augusta	A6665	115	209	19.3	53.7
Dupont Pioneer	P1498AM	114	208	19.9	54.6
Doebler	698GRQ	114	206	23.3	51.2
Dyna-Gro	D55VP77	115	205	21.6	54.4
Channel	215-82VT3PRIB	115	201	21.0	52.9
Dyna-Gro	D52VC91RIB	112	200	21.3	54.7
Hubner Seed	H4744RC2P	113	196	21.1	53.8
RPM®	688AMX™	113	196	19.4	55.4
DEKALB	DKC65-19GENVT3PRIB	115	196	21.4	54.2
Channel	212-86STXRIB	112	195	21.0	51.5

**Table 14, cont'd. Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2013 - 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>
T.A. Seeds	TA744-22DP	114	193	23.4	53.4
Dupont Pioneer	P1319HR	113	191	19.8	55.6
Golden Acres	G5531	115	185	19.7	53.7
Augusta	A5362	112	182	21.3	53.8
T.A. Seeds	TA683-22DP	112	180	19.8	53.1
Augusta	A5565	115	169	20.7	53.3
	Maturity Average		206	20.9	53.4
	L.S.D. (0.05)		27	2.1	1.7
	C.V.		9	6.7	2.1
<b>&gt;115 Days Relative Maturity</b>					
Phoenix	8400A4	117	218	22.0	54.4
Dupont Pioneer	P1690AM	116	211	20.9	54.9
RPM®	743HXR™	116	210	19.8	54.4
Phoenix	6542A4	116	209	24.1	50.5
RPM®	765YHR™	117	205	21.7	54.8
Golden Acres	27V01	117	204	21.2	51.0
DEKALB	DKC68-03GENVT2P	118	202	22.4	53.0
T.A. Seeds	TA784-13VP	118	197	21.8	53.4
DEKALB	DKC67-57GENVT3P	117	196	20.7	54.2
Dupont Pioneer	P2088AM	120	192	20.8	52.3
Phoenix	6706A4	116	183	21.0	53.2
	Maturity Average		202	21.5	53.3
	L.S.D. (0.05)		27	1.0	1.7
	C.V.		9	3.1	2.1
	Location Average		203	20.6	53.5

<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.

Planted April 24, 2013. Harvested September 12, 2013. Population was 23,000 plants/acre.

**Table 15. Two-year Average Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2011 and 2013 - 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>					
Dupont Pioneer	P0210HR	102	141	17.0	53.2
<b>108-111 Days Relative Maturity</b>					
RPM®	633HXR™	110	139	20.2	54.6
<b>112-115 Days Relative Maturity</b>					
DEKALB	DKC64-69GENVT3P	114	167	21.5	52.5
DEKALB	DKC65-19 VT3P	115	154	21.3	53.4
	Maturity Average		160	21.4	53.0
	L.S.D. (0.05)		27	1.2	1.4
	C.V.		14	4.6	2.0
	Location Average		151	20.2	53.4

Since this location was not harvested in 2012, data from 2011 was used for computing 2-year averages.

<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 2013 - 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>							
Hubner Seed	H5420RC3P	110	208	18.5	52.7	69	70
DEKALB	DKC61-88GENVT3PRIB	111	202	21.4	53.0	63	63
Seed Consultants	SCS 11HR02™	109	196	18.6	54.5	69	70
Dupont Pioneer	P0912HR	109	193	18.2	55.6	70	71
Dupont Pioneer	P1184AM	111	191	18.2	55.8	69	69
Golden Acres	24V61	111	190	18.3	54.2	68	69
Seed Consultants	SCS 11HR21™	111	189	18.5	54.3	69	71
T.A. Seeds	TA614-22DP	110	188	17.8	52.9	68	69
RPM®	647AM1™	110	186	18.7	55.2	68	69
Seed Consultants	SC 11AQ03™	109	182	18.7	51.7	70	71
Hubner Seed	H6518RCSS	111	181	17.5	52.5	69	69
Seed Consultants	SCS 1094AM-R™	108	180	21.1	52.8	63	64
RPM®	604HRQ™	108	178	18.1	55.0	69	70
RPM®	633HXR™	110	176	19.7	56.2	68	69
Augusta	A5658	108	175	18.0	51.5	70	72
T.A. Seeds	TA583-22DP	108	172	17.2	51.7	68	69
	Maturity Average		187	18.6	53.7	68	69
	L.S.D. (0.05)		24	3.6	1.8	5	6
	C.V.		9	13.5	2.3	6	6
<b>112-115 Days Relative Maturity</b>							
Seed Consultants	SCS 11HR63™	115	238	19.8	53.0	70	72
Seed Consultants	SC 11AQ43™	113	231	21.0	53.2	69	71
Seed Consultants	SCS 1154AM-R™	114	225	21.3	55.6	72	73
Dyna-Gro	D52VC91RIB	112	223	19.5	55.6	68	69
Augusta	A5565	115	222	19.2	54.5	68	70
Seed Consultants	SCS 1131AM-R™	112	220	20.2	53.2	71	71
Dyna-Gro	D53VC13	113	219	19.8	51.7	68	68
T.A. Seeds	TA744-22DP	114	219	20.7	53.0	69	70
Hubner Seed	H6844RCSS	115	214	21.0	53.1	69	70
Golden Acres	G4598	114	213	18.5	55.3	68	69
Dupont Pioneer	P1498AM	114	213	19.7	55.0	69	71
Seed Consultants	SCS 11HQ33™	112	213	19.0	55.3	69	70
Augusta	A6665	115	212	18.4	54.3	67	68
Hubner Seed	H4744RC2P	113	211	19.1	53.4	68	68
DEKALB	DKC65-19GENVT3PRIB	115	210	19.9	55.5	68	69
NK Brand	N74R 3000GT Brand	112	210	19.9	53.2	69	69
T.A. Seeds	TA683-22DP	112	209	19.6	54.4	68	68
Augusta	A5262	112	209	20.3	50.7	69	69
Dyna-Gro	D55VP77	115	209	19.3	54.2	69	71
Doebblers	698GRQ	114	208	20.7	52.4	69	71
RPM®	657AM™	112	205	17.7	53.8	69	70
Golden Acres	G5531	115	204	18.7	53.8	69	70
DEKALB	DKC62-08GENSSRIB	112	203	19.1	52.4	68	70
Dupont Pioneer	P1319HR	113	202	19.6	55.6	69	70



**Table 16, cont'd. Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2013 - 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>
DEKALB	DKC62-97GENVT3PRIB	112	198	17.7	53.3	67	68
Dyna-Gro	D53VP22	113	197	19.1	54.2	68	69
DEKALB	DKC63-33GENSSRIB	113	196	18.1	52.0	69	70
RPM®	688AMX™	113	191	19.7	53.7	69	70
	Maturity Average		212	19.5	53.8	69	70
	L.S.D. (0.05)		27	1.0	1.9	1	2
	C.V.		9	3.8	2.4	1	2
<b>&gt;115 Days Relative Maturity</b>							
Seed Consultants	SCS 1184AM-R™	117	249	20.8	52.8	70	72
RPM®	743HXR™	116	234	19.2	55.2	70	72
Augusta	A7767	117	232	23.0	52.3	68	68
Dupont Pioneer	P1690AM	116	229	20.1	54.6	70	71
T.A. Seeds	TA784-13VP	118	227	20.2	51.7	68	68
Seed Consultants	SC 11AQ72™	117	226	21.4	52.1	68	69
DEKALB	DKC68-03GENVT2P	118	223	21.0	53.0	68	68
DEKALB	DKC67-57GENVT3P	117	219	20.4	54.1	68	69
RPM®	765YHR™	117	219	20.8	54.5	71	72
Dupont Pioneer	P2088AM	120	216	20.0	53.9	69	70
Golden Acres	27V01	117	206	19.3	50.5	69	71
	Maturity Average		225	20.5	53.1	69	70
	L.S.D. (0.05)		21	0.8	1.7	1	1
	C.V.		6	2.7	2.0	1	1
	Location Average		207	19.5	53.6	68	69

<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 3, 2013. Harvested October 11-15, 2013. Population was 22,625 plants/acre.

**Table 17. Two-year Average Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2012 and 2013 - 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>							
Dupont Pioneer	P0912HR	109	195	16.8	56.2	68	69
RPM®	633HXR™	110	187	18.2	57.9	67	67
Seed Consultants	SCS 11HR21™	111	186	17.2	55.4	68	69
Dupont Pioneer	P1184AM	111	185	16.7	57.0	67	66
Seed Consultants	SCS 11HR02™	109	185	17.2	55.4	67	68
T.A. Seeds	TA583-22DP	108	184	15.7	54.3	66	66
RPM®	647AM1™	110	182	17.7	56.8	67	67
	Maturity Average		186	17.0	56.1	67	67
	L.S.D. (0.05)		15	0.7	1.2	1	2
	C.V.		8	4.1	2.0	2	2
<b>112-115 Days Relative Maturity</b>							
Seed Consultants	SCS 11AQ43™	113	219	19.2	53.9	67	68
Seed Consultants	SCS 11HR63™	115	210	18.6	54.6	70	70
T.A. Seeds	TA683-22DP	112	203	17.5	55.5	66	66
Dupont Pioneer	P1319HR	113	194	17.9	57.4	68	69
RPM®	688AMX™	113	175	18.2	55.7	67	67
	Maturity Average		200	18.3	55.4	68	68
	L.S.D. (0.05)		19	0.8	1.4	1	2
	C.V.		9	4.4	2.4	2	2
<b>&gt;115 Days Relative Maturity</b>							
RPM®	743HXR™	116	212	18.1	57.3	70	71
Seed Consultants	SC 11AQ72™	117	209	19.9	53.4	68	68
	Maturity Average		211	19.0	55.3	69	69
	L.S.D. (0.05)		16	0.7	0.4	2	3
	C.V.		5	2.4	0.3	3	3
	Location Average		195	17.7	55.8	67	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 18. Three-year Average Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA, 2011-2013 - 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>108-111 Days Relative Maturity</b>						
Seed Consultants	SCS 11HR02™	109	175	17.9	55.4	64
RPM®	RPM 633HXR™	110	174	19.1	58.0	64
Seed Consultants	SCS 11HR21™	111	173	18.7	55.4	66
	Maturity Average		174	18.6	56.2	65
	L.S.D. (0.05)		8	0.9	1.2	1
	C.V.		5	5.1	2.3	2
<b>112-115 Days Relative Maturity</b>						
Seed Consultants	SCS 11HR63™	115	188	21.0	54.0	67
<b>&gt;115 Days Relative Maturity</b>						
Seed Consultants	SC 11AQ72™	117	179	21.5	53.7	64
	Location Average		178	19.6	55.3	65

<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 2013 - 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>					
Augusta	A2954IN	104	170	18.8	54.2
Augusta	A2954	104	168	18.9	53.0
	Maturity Average		169	18.8	53.6
	L.S.D. (0.05)		20	1.2	2.7
	C.V.		5	2.9	1.5
<b>108-111 Days Relative Maturity</b>					
Dupont Pioneer	P1184AM	111	249	19.2	55.7
DEKALB	DKC61-88GENVT3PRIB	111	208	19.5	52.4
Hubner Seed	H5420RC3P	110	205	21.0	50.9
Golden Acres	24V61	111	204	20.2	54.2
Dupont Pioneer	P0912HR	109	202	18.5	53.8
Channel	210-95STXRIB	110	201	18.4	54.0
T.A. Seeds	TA614-22DP	110	197	18.8	56.1
RPM®	633HXR™	110	196	19.6	57.0
RPM®	604HRQ™	108	193	18.8	54.5
Augusta	A5658	108	191	19.4	53.3
Hubner Seed	H6518RCSS	111	189	18.5	53.0
RPM®	647AM1™	110	187	21.0	54.9
T.A. Seeds	TA583-22DP	108	176	18.1	52.8
	Maturity Average		200	19.3	54.1
	L.S.D. (0.05)		25	1.0	1.8
	C.V.		8	3.4	2.1
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 1131AM-R™	112	247	20.7	54.5
DEKALB	DKC65-19GENVT3PRIB	115	238	20.1	55.1
Channel	213-40VT3PRIB	113	238	19.8	52.6
Channel	214-14VT3PRIB	114	236	19.3	54.3
Golden Acres	G4598	114	234	20.0	53.2
Hubner Seed	H4744RC2P	113	233	19.5	53.2
Augusta	A6665	115	232	19.6	54.3
Dyna-Gro	D55VP77	115	232	22.0	54.1
Channel	213-59STXRIB	113	232	20.2	52.1
Hubner Seed	H6844RCSS	115	230	20.8	53.0
Golden Acres	G5531	115	227	19.8	53.0
Dyna-Gro	D52VC91RIB	112	223	20.6	54.4
Channel	215-82VT3PRIB	115	220	20.1	52.4
Seed Consultants	SC 11AQ43™	113	220	21.9	51.3
Seed Consultants	SCS 1154AM-R™	114	219	22.4	54.0
Seed Consultants	SCS 11HR63™	115	218	20.3	54.3
DEKALB	DKC63-33GENSSRIB	113	212	19.0	53.0
Dyna-Gro	D53VC13	113	211	20.1	53.1
DEKALB	DKC64-69GENVT3P	114	210	19.7	55.3
Dupont Pioneer	P1498AM	114	209	19.7	55.0
Channel	215-52VT3PRIB	115	209	20.2	53.7

**Table 19, cont'd. Corn Yields at the Northern Piedmont Center at ORANGE, VIRGINIA in 2013 - 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>
T.A. Seeds	TA744-22DP	114	209	21.0	53.6
DEKALB	DKC62-08GENSSRIB	112	207	19.2	52.8
RPM®	657AM™	112	205	19.4	54.6
Augusta	A5565	115	205	20.1	54.2
Dyna-Gro	D53VP22	113	204	19.3	53.2
Dupont Pioneer	P1319HR	113	203	20.7	55.8
Seed Consultants	SCS 11HQ33™	112	202	19.6	54.5
Augusta	A5664	114	201	20.7	53.1
Channel	212-86STXRIB	112	197	19.9	52.9
Doebler's	698GRQ	114	196	22.5	50.7
DEKALB	DKC62-97GENVT3PRIB	112	196	20.2	53.4
Augusta	A5362	112	196	19.8	53.9
RPM®	688AMX™	113	194	19.9	55.1
T.A. Seeds	TA683-22DP	112	191	19.6	54.0
	Maturity Average		215	20.2	53.6
	L.S.D. (0.05)		23	1.3	1.8
	C.V.		7	4.3	2.0
<b>&gt;115 Days Relative Maturity</b>					
Seed Consultants	SCS 1184AM-R™	117	244	22.8	51.0
Dupont Pioneer	P2088AM	120	237	21.5	53.2
RPM®	743HXR™	116	235	19.9	54.6
Augusta	A6866	116	235	22.3	51.9
Augusta	A7768	118	219	22.7	53.2
RPM®	765YHR™	117	215	22.3	54.3
Dupont Pioneer	P1690AM	116	213	20.7	54.3
T.A. Seeds	TA784-13VP	118	212	20.5	52.2
Augusta	A7767	117	208	22.5	52.4
Seed Consultants	SC 11AQ72™	117	207	22.8	53.3
Golden Acres	27V01	117	204	21.5	52.3
DEKALB	DKC67-57GENVT3P	117	197	20.6	54.0
	Maturity Average		219	21.7	53.0
	L.S.D. (0.05)		27	1.3	2.0
	C.V.		8	3.9	2.1
	Location Average		211	20.2	53.7

<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 15, 2013. Harvested October 18-21, 2013. Population was 21,375 plants/acre.

**Table 20. Two-Year Average Corn Yields at the Northern Piedmont Center at ORANGE, VIRGINIA in 2012 and 2013 - 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>					
Dupont Pioneer	P1184AM	111	193	18.9	55.3
Dupont Pioneer	P0912HR	109	173	18.8	53.9
Augusta	A5658	108	169	19.0	53.4
RPM®	633HXR™	110	168	20.0	56.6
RPM®	647AM1™	110	164	20.2	55.1
DEKALB	DKC61-88GENVT3PRIB	111	163	19.2	52.2
T.A. Seeds	TA583-22DP	108	163	17.9	53.2
	Maturity Average		171	19.1	54.2
	L.S.D. (0.05)		19	0.7	1.5
	C.V.		10	3.4	2.4
<b>112-115 Days Relative Maturity</b>					
Channel	213-40VT3PRIB	113	200	19.8	53.0
Channel	214-14VT3PRIB	114	192	19.3	55.0
Seed Consultants	SCS 11AQ43™	113	189	22.0	51.4
DEKALB	DKC64-69GENVT3P	114	181	19.7	55.3
T.A. Seeds	TA683-22DP	112	177	19.3	55.5
Seed Consultants	SCS 11HR63™	115	169	20.1	54.2
Dupont Pioneer	P1319HR	113	166	20.4	55.1
DEKALB	DKC62-97GENVT3PRIB	112	165	19.9	53.9
Channel	215-52VT3PRIB	115	165	20.9	54.3
RPM®	688AMX™	113	152	19.3	55.7
	Maturity Average		176	20.1	54.3
	L.S.D. (0.05)		16	0.7	1.9
	C.V.		8	3.5	3.0
<b>&gt;115 Days Relative Maturity</b>					
RPM®	743HXR™	116	191	19.5	54.3
DEKALB	DKC67-57GENVT3P	117	171	20.3	54.7
Seed Consultants	SC 11AQ72™	117	170	21.9	54.2
	Maturity Average		177	20.6	54.4
	L.S.D. (0.05)		25	0.7	1.2
	C.V.		12	3.1	1.9
	Location Average		174	19.8	54.4

<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, 2011-2013 - 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>					
RPM®	633HXR™	110	145	18.9	56.6
Augusta	A5658	108	141	17.7	53.4
	Maturity Average		143	18.3	55.0
	L.S.D. (0.05)		36	0.5	1.6
	C.V.		25	2.5	1.9
<b>112-115 Days Relative Maturity</b>					
Channel	213-40VT3PRIB	113	176	18.8	53.0
Channel	214-14VT3PRIB	114	155	18.7	55.0
DEKALB	DKC64-69GENVT3P	114	148	18.7	55.3
Seed Consultants	SCS 11HR63™	115	141	19.2	54.2
	Maturity Average		155	18.9	54.4
	L.S.D. (0.05)		12	0.6	1.4
	C.V.		9	3.8	2.3
<b>&gt;115 Days Relative Maturity</b>					
Seed Consultants	SC 11AQ72™	117	145	21.4	54.2
	Location Average		150	19.1	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 22. Corn Yields (thanks to Linden Heatwole) in ROCKINGHAM COUNTY, VIRGINIA in 2013 - 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	0700PRO2	107	232	20.4	52.7
Dupont Pioneer	P0210AM	102	161	18.7	55.2
	Maturity Average		197	19.6	53.9
	L.S.D. (0.05)		40	1.1	1.8
	C.V.		9	2.5	1.5
<b>108-111 Days Relative Maturity</b>					
RPM®	647AM1™	110	251	22.9	55.3
Seed Consultants	SC 11AQ03™	109	245	22.3	52.3
Hubner Seed	H6518RCSS	111	244	21.7	52.4
Hubner Seed	H5420RC3P	110	243	23.8	52.4
Dupont Pioneer	P0912HR	109	227	20.6	54.0
DEKALB	DKC61-88GENVT3PRIB	111	225	22.3	52.8
Dupont Pioneer	P1184AM	111	221	21.7	55.2
Augusta	A5658	108	220	22.1	51.1
Golden Acres	24V61	111	219	22.5	53.2
RPM®	633HXR™	110	218	22.3	56.1
Armor	1133PRO2	111	215	21.6	54.1
Seed Consultants	SCS 11HR02™	109	215	20.7	53.1
Seed Consultants	SCS 11HR21™	111	207	20.8	53.6
Channel	210-95STXRIB	110	203	20.9	53.5
RPM®	604HRQ™	108	201	19.6	55.7
T.A. Seeds	TA614-22DP	110	195	21.4	53.3
Seed Consultants	SCS 1094AM-R™	108	189	21.7	52.0
T.A. Seeds	TA583-22DP	108	185	21.5	52.9
	Maturity Average		218	21.7	53.5
	L.S.D. (0.05)		27	1.6	1.6
	C.V.		9	5.3	2.0
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 11HR63™	115	294	23.1	52.1
Golden Acres	G4598	114	282	24.6	53.3
Seed Consultants	SCS 1131AM-R™	112	271	24.8	53.7
Augusta	A6665	115	262	22.9	53.3
Hubner Seed	H6844RCSS	115	261	29.5	50.9
Seed Consultants	SCS 1154AM-R™	114	255	25.6	54.1
Channel	213-59STXRIB	113	255	25.2	50.5
Dupont Pioneer	P1319HR	113	255	22.2	54.9
Phoenix	7914A3	115	254	26.4	51.2
Armor	1550PRO2	115	250	24.2	52.9
Augusta	A5465	115	243	27.6	53.4
Augusta	A5262	112	243	25.4	48.6
Dyna-Gro	D53VC13	113	243	24.9	53.6
Doebblers	698GRQ	114	243	27.1	50.1
DEKALB	DKC63-33GENSSRIB	113	242	23.2	52.1



**Table 22, cont'd. Corn Yields (thanks to Linden Heatwole) in ROCKINGHAM COUNTY, VIRGINIA in 2013 - 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>
Seed Consultants	SC 11AQ43™	113	242	27.1	51.7
Armor	1262PRO2	112	241	24.4	53.1
Dyna-Gro	D52VC91RIB	112	241	24.4	53.4
NK Brand	N79Z 3000GT Brand	114	240	28.2	51.7
Channel	213-40VT3PRIB	113	239	24.7	52.0
BioGene	BG 850V2	114	232	23.6	53.2
Dupont Pioneer	P1498AM	114	232	24.7	52.6
RPM®	657AM™	112	230	23.7	53.9
Channel	214-14VT3PRIB	114	229	23.3	54.0
Dyna-Gro	D53VP22	113	229	23.1	51.5
RPM®	688AMX™	113	228	23.0	54.7
Golden Acres	G5531	115	224	22.3	53.3
Channel	215-82VT3PRIB	115	222	22.6	53.0
DEKALB	DKC62-08GENSSRIB	112	222	23.5	51.8
Armor	1555SS	114	220	28.1	52.1
Channel	215-52VT3PRIB	115	220	26.0	53.0
NK Brand	N74R 3000GT Brand	112	217	26.9	51.1
DEKALB	DKC65-19GENVT3PRIB	115	217	25.1	53.1
T.A. Seeds	TA744-22DP	114	215	27.1	52.1
Hubner Seed	H4744RC2P	113	215	25.1	51.7
Augusta	A5565	115	215	25.8	52.1
Phoenix	6522A4	114	215	24.9	49.8
DEKALB	DKC62-97GENVT3PRIB	112	215	23.0	52.7
Dyna-Gro	D55VP77	115	212	25.6	52.2
Channel	212-86STXRIB	112	206	24.2	52.7
Seed Consultants	SCS 11HQ33™	112	203	23.0	53.4
T.A. Seeds	TA683-22DP	112	203	21.7	53.7
	Maturity Average		235	24.8	52.5
	L.S.D. (0.05)		29	1.9	1.6
	C.V.		9	5.2	1.9
<b>&gt;115 Days Relative Maturity</b>					
Dupont Pioneer	P1690AM	116	261	24.7	54.2
Dupont Pioneer	P2088AM	120	255	25.7	51.2
T.A. Seeds	TA784-13VP	118	247	27.1	51.9
Seed Consultants	SCS 1184AM-R™	117	242	27.2	52.1
RPM®	765YHR™	117	242	24.8	53.8
RPM®	743HXR™	116	236	25.5	53.3
Phoenix	6706A4	116	235	23.3	53.3
Seed Consultants	SC 11AQ72™	117	229	28.3	50.6
Golden Acres	27V01	117	229	24.2	51.3
DEKALB	DKC68-03GENVT2P	118	225	28.5	50.5
DEKALB	DKC67-57GENVT3P	117	222	26.5	52.3
Augusta	A7768	118	220	27.1	53.2

**Table 22, cont'd. Corn Yields (thanks to Linden Heatwole) in ROCKINGHAM COUNTY, VIRGINIA in 2013 - 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>
Armor	1880PRO2	118	220	24.5	53.1
Augusta	A7767	117	218	29.5	50.8
BioGene	BG 881VP	118	210	27.5	52.2
BioGene	BG 860V2	116	208	28.8	51.1
	Maturity Average		231	26.4	52.2
	L.S.D. (0.05)		32	2.0	1.7
	C.V.		9	5.2	1.9
	Location Average		229	24.3	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 May 20, 2013. Harvested October 31, 2013. Population was 22,220 plants/acre.

**Table 23. Two-year Average Corn Yields at SHENANDOAH VALLEY, VIRGINIA in 2012 and 2013 - 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>					
DEKALB	DKC61-88GENVT3PRIB	111	230	21.5	53.2
RPM®	633HXR™	110	228	21.7	57.5
RPM®	647AM1™	110	228	22.5	55.8
Dupont Pioneer	P1184AM	111	223	21.9	56.1
Dupont Pioneer	P0912HR	109	221	20.6	54.2
Seed Consultants	SCS 11HR21™	111	218	21.7	54.3
Seed Consultants	SCS 11HR02™	109	205	21.5	54.0
T.A. Seeds	TA583-22DP	108	191	20.2	54.1
	Maturity Average		218	21.5	54.9
	L.S.D. (0.05)		17	1.4	1.1
	C.V.		8	6.5	1.9
<b>112-115 Days Relative Maturity</b>					
Seed Consultants	SCS 11HR63™	115	281	23.9	52.6
Dupont Pioneer	P1319HR	113	245	23.3	55.1
Seed Consultants	SCS 11AQ43™	113	234	26.8	51.7
RPM®	688AMX™	113	229	23.2	55.7
Channel	214-14VT3PRIB	114	226	23.7	54.7
Channel	215-52VT3PRIB	115	221	24.4	53.9
T.A. Seeds	TA683-22DP	112	212	23.1	53.5
DEKALB	DKC62-97GENVT3PRIB	112	205	22.8	54.0
	Maturity Average		232	23.9	53.9
	L.S.D. (0.05)		17	1.5	1.5
	C.V.		7	5.8	2.6
<b>&gt;115 Days Relative Maturity</b>					
RPM®	743HXR™	116	244	25.8	54.7
Seed Consultants	SC 11AQ72™	117	223	28.9	52.0
	Maturity Average		234	27.3	53.4
	L.S.D. (0.05)		22	4.4	1.8
	C.V.		7	12.1	1.3
	Location Average		225	23.2	54.3

<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.