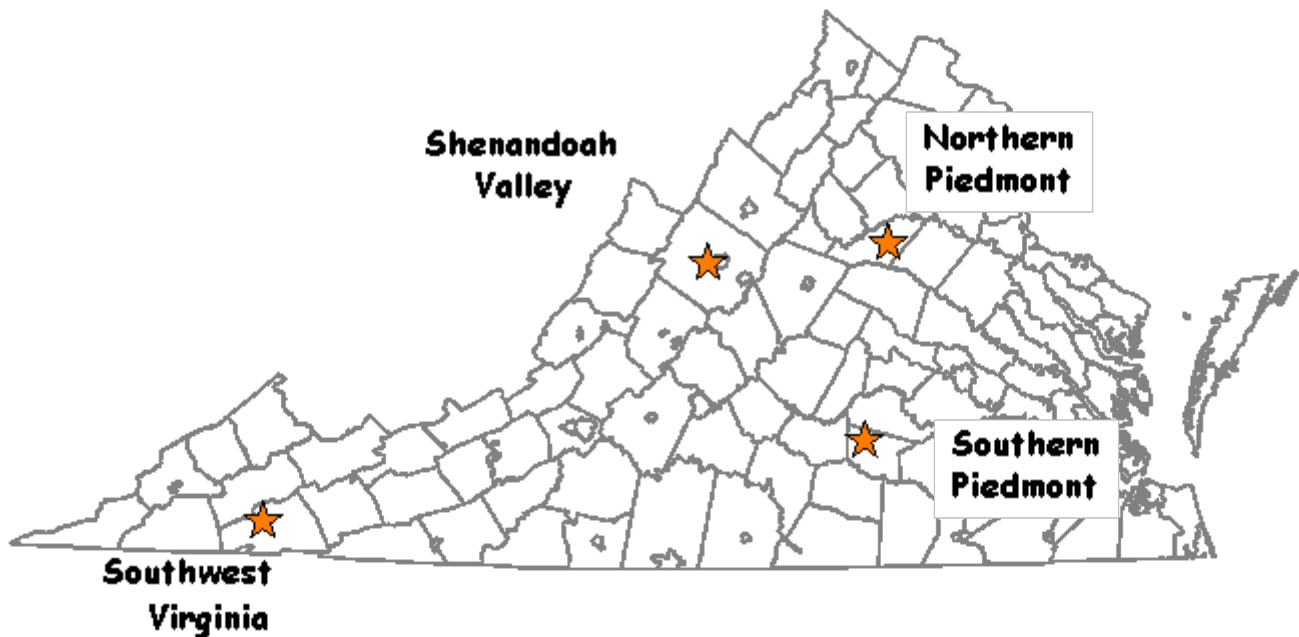


# Virginia Tech Corn Silage Testing 2008



# THE 2008 VIRGINIA CORN SILAGE HYBRID TRIALS

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# THE 2008 VIRGINIA CORN SILAGE HYBRID TRIALS

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## COMPANIES PARTICIPATING IN THE 2008 CORN SILAGE TRIALS

<b>Company</b>	<b>Brand</b>	<b>Address</b>
Augusta Seed	Augusta Seed	473 Tisdale Farm Lane, Staunton, VA 24401
Caverndale Farms	Caverndale Farms	1921 Bluegrass Pike, Danville, KY 40422
Dairyland Seed Company	Stealth	PO Box 958, West Bend, WI 53095
Doebler's PA Hybrids, Inc	Doebler's	202 Tiadaghton Ave Jersey Shore, PA 17740
Hyttest Seeds	Hyttest Seeds	2827 8 <sup>th</sup> Ave South, Ft Dodge, IA 50501
Mid-Atlantic Seeds, Inc	Mid-Atlantic	204 St Charles Way #163 York, PA 17404
Monsanto	DEKALB	800 N Lindbergh Blvd St Louis, MO 63167
Mycogen Seeds	Mycogen	9330 Zionsville Rd, Indianapolis, IN 46268
Pioneer Hi-Bred International	Pioneer	700 Boulevard South, Suite 302, Huntsville, AL 35802
Seed Consultants, Inc	Seed Consultants	PO Box 370 Washington Courthouse, OH 43160
Southern States Cooperative, Inc	Southern States	6606 West Broad St Richmond, VA 23230
T.A. Seeds	T.A. Seeds	PO Box 300 Avis, PA 17721

## NARRATIVE

This report contains the results for performance trials from commercial corn hybrids produced for silage at four locations in Virginia in 2008 as well as two and three year average performance, when available. In order to avoid problems with comparisons over sites and years, multi-year yields are presented as a percentage of the total at that particular site-year combination called relative yield. All locations were planted with a Wintersteiger PlotKing 2600 planter and harvested with commercial silage equipment. Yields are presented on a dry matter and 35% dry matter basis for comparison. All hybrids entered in the Virginia trials were submitted for testing by commercial companies or by Virginia Tech. 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 Corn Silage Performance 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 due to uncontrollable variation has been computed for the data and listed at the bottom of columns as the LSD (.10) (least significant difference with 90% confidence). Differences less than the LSD are assumed not to be real differences with 90% confidence.

## Hybrid Choices

*Multi-year results are more reliable than single-year results.*

When making hybrid selections it is important to realize that hybrids differ in their performance under different environments. Some hybrids are more adapted to a wide range of environments. Hybrid performance may differ with year and location variations of 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 yield across locations when making selections. Multi-year averages give greater confidence to hybrid performance decisions. 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.

*Understanding Relative Yield*

Companies entering silage hybrids decide which hybrids are planted at which locations. In 2008, some hybrids were planted at all four locations and others at only one or two sites.

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% above the average yield for all hybrids at that site.

*Selecting hybrids for both yield and quality.*

Milk2006 is used to condense multiple corn silage quality and digestibility factors into one easy-to-compare “milk per ton” number. This system also generates a “milk per acre” rating for each hybrid, calculated by multiplying yield (tons per acre) by quality (lbs of milk per ton). The same problem described above for multi-site yield comparisons exists for yield by quality comparisons: not all hybrids were tested at all sites. Therefore, relative quality and relative yield x quality ratings were calculated.

Milk2006 is a system developed by University of Wisconsin researchers to simplify quality comparisons between corn silage samples. Included in the analysis are variety identification, kernel processing, dry matter, crude protein, NDF, in-vitro NDF digestibility, starch percent and yield per acre. Compared to Milk2000, Milk2006 values more accurately address the effects of fiber digestibility on silage quality. Milk2006 has proven to more accurately reflect actual milk production than earlier versions of the program. Values presented in previous years using Milk2000 have been recalculated using Milk2006 in this publication for the purpose of over-years comparisons.

Milk2006 was designed solely as an index to be used when making quality comparisons between silage samples or hybrids. Milk per ton or milk per acre numbers should not be used to predict actual milk production on your farm. Milk per ton is more accurate at predicting cow performance since it includes quality factors that affect milk production. Milk per acre allows consideration of yield as well as quality factors.

*Use other information.*

Consider as much other information as possible from other independent sources before selecting hybrids. Look for agronomic as well as silage quality data.

## 2008 GROWING SEASON

Temperatures in early and mid-April were four to eight degrees cooler than the long-term average and rainfall was near normal. The cool and often damp weather slowed corn planting through most of the Commonwealth. On April 15, total corn acreage planted was estimated to be 30% which was 5% below the 5-year average and 20% less than 2007. April continued cooler than normal, but drier conditions prevailed and by May 1, corn planted was slightly ahead of the 5-year average. By late May, approximately 50% of the state was rated as short of topsoil moisture and this resulted in stress on most of the crop. Because of the cool start to the season and early-season moisture stress, many corn stands were less than desired and on June 15, 47% of corn was rated as good with 40% rated fair. By July 1, 51% of the crop was rated fair. Areas where the crop was better depended on receiving scatter showers. Fields that did not receive these showers were significantly stressed by mid-July with 69% of the crop reported to be silking by this date. As the season progressed, scattered thunderstorms provided relief and better yields in some areas but these were not generally widespread. Average yield for the Commonwealth is predicted to be 101 bushels per acre by the Virginia Ag Statistics Service which is up 26 bushels per acre from last year and is 7 bushels below the 5 year average yield. Approximately 350,000 acres are expected to be harvested, down 55,000 acres from 2007 and down 30,000 acres from the five year average. Total production is estimated at 35 million bushels in 2008

**2008 VIRGINIA CORN SILAGE PLOT INFORMATION**  
**(Rates are on a per acre basis.)**

**Blackstone Southern Piedmont Agricultural Research & Extension Center (notill site)**

**Planted:** April 17, 2008

**Harvested:** August 21-22, 2008

**Pesticide:** 4.5 lb Force 3G® at planting; 1.5 pt Dual II Magnum® + 7 oz Callisto® + 2 qt atrazine 4L April 18, 2008.

**Fertilizer:** 1000 lb 10-10-10 + 2000 lb lime preplant incorporated April 15, 2008; 17 gal 20-10-0-2S-.83B-.33Zn at planting; 80 lb N topdressed using 34-0-0 May 27, 2008.

**Irrigation:** 2.0" June 25, 2008

**Plot Size:** 2 rows 25' x 30" 4 replications

**Soil Type:** Spotsylvania-Cecil-Bourne Sandy Loam

**Cooperator:** Ned Jones

**Orange Northern Piedmont Agricultural Research & Extension Center**

**Planted:** May 27, 2008

**Harvested:** September 3-4, 2008

**Pesticide:** 3 qt Lumax® + 1 qt atrazine preplant incorporated May 6, 2008.

**Fertilizer:** 100-106-0 preplant incorporated May 6, 2008; 100 lb N sidedressed June 24, 2008.

**Plot Size:** 2 rows 30' x 30" 4 replications

**Soil Type:** Davidson silty clay loam

**Cooperators:** Dave Starner, Steve Gulick, and Alvin Hood

**Shenandoah Valley (Waynesboro - Thanks to Kevin Phillips and North Point Farm Inc.)**

**Planted:** May 2, 2008

**Harvested:** August 26, 2008

**Pesticide:** 1.2 qt Roundup® + 2.8 qt Harness Extra® + 1 qt Princep® preplant + 4.5 lb Force 3G® at planting; 0.67 oz Permit® May 23, 2008.

**Fertilizer:** 6000 gal dairy slurry preplant + 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 40 lb N sidedressed.

**Plot Size:** 2 rows 25' x 30" 4 replications

**Soil Type:** Frederick-Christian silt loam

**Cooperators:** Brian Jones and Kevin Phillips

**Washington County (Thanks to Johnny Robinson)**

**Planted:** May 29, 2008

**Harvested:** September 17, 2008

**Pesticide:** burndown of cover with Roundup® and 2,4-D; 2 qt Lumax®; spot treatment with Accent® for johnsongrass.

**Fertilizer:** 70 lb N with NutriSphere preplant; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 100 lb N with NutriSphere topdress.

**Plot Size:** 2 rows 35' x 30" 4 replications

**Soil Type:** Wyrick-Marbie

**Cooperators:** Phil Blevins and Johnny Robinson

**Table 1. List of Hybrids in the 2008 VA Tech Corn Silage Hybrid Test**

Brand	Hybrid	IST <sup>1</sup>	GT <sup>2</sup>	DTM <sup>3</sup>	OBS <sup>4</sup>
Augusta	A5175CB	PL	CB	107	4
Augusta	A06-07CB	PL	CB	107	4
Augusta	A08-12CB	PL	CB	109	4
Augusta	A08-11CB	PL	CB	111	4
Augusta	A06-10HX	PL	CB/GU	113	4
Augusta	A08-07HX	PL	CB/GU	113	4
Augusta	A76-64CB	PL	CB	115	4
Augusta	A5338CB	PL	CB	116	4
Augusta	A008CBQ	PH	CB	117	4
Augusta	A08-13HX	PL	CB/GU	117	4
Augusta	A04-94CB	PL	CB	118	4
Augusta	A06-33RRCB	PL	CB/GY	118	4
Augusta	A04-102CB	PL	CB	119	4
Augusta	A06-02HX	PL	CB/GU	119	4
Augusta	A08-71VT3	PL	CB/GY/RW	119	4
Augusta	A06-15CL	PL		119	4
Augusta	A08-14RR	PL	GY	119	4
Caverndale Farms	CF 914 YGVT/Triple	PL	CB/GY/RW	118	1
Caverndale Farms	CF 961 RR2	PL	GY	120	1
DEKALB	RX674VT3	PL	CB/GY/RW	109	4
DEKALB	DKC61-69(VT3)	PL	CB/GY/RW	111	4
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	4
DEKALB	RX785VT3	PL	CB/GY/RW	113	4
DEKALB	DKC64-24(VT3)	PL	CB/GY/RW	114	4
DEKALB	DKC67-87(YGCB/RR2)	PL	CB/GY	117	4
Doebler's	771XRR	PH	GY	114	4
Doebler's	786BVR	PL	CB/GY/RW	115	4
Hyttest	HT 68-06 TS	C	CB/GY/RW	113	2
Hyttest	HT 7891 VT3	C	CB/GY/RW	118	2
Hyttest	HT 82-12 VT3	C	CB/GY/RW	118	2
Mid-Atlantic	MA8105VT3	PL	CB/GY/RW	105	4
Mid-Atlantic	MA8088VT3	PL	CB/GY/RW	108	4
Mid-Atlantic	MA8138VT3	PL	CB/GY/RW	113	4
Mid-Atlantic	MA8148BtRR	PL	CB/GY	114	4
Mid-Atlantic	MA5141	PL		114	4
Mid-Atlantic	MA8150VT3	PL	CB/GY/RW	115	4
Mid-Atlantic	MA5158	PL	CB/GY/RW	115	4
Mid-Atlantic	MA5156GTCBLL	PL	CB/GU/GY	115	4
Mid-Atlantic	MA5151CB	PL	CB	115	4
Mycogen Seeds	TMF2Q733	CL	CB/RW	113	4
Mycogen Seeds	TMF2N804	CL	CB/GY	116	4
Mycogen Seeds	TMF2H917	CL	GY	120	4
Pioneer	33V16 (YGCB/RR2)	PL	CB/GY	115	4
Pioneer	31G71 (HX/LL/RR2)	PL	CB/GY/GU/RW	119	4
Pioneer	31R87 (RR2)	PL	GY	120	4
Seed Consultants	SC 10MT97	C	CB/GY/RW	108	2
Seed Consultants	SC 11YP07	C	CB/RW	109	2

**Table 1. List of Hybrids in the 2008 VA Tech Corn Silage Hybrid Test**

Brand	Hybrid	IST <sup>1</sup>	GT <sup>2</sup>	DTM <sup>3</sup>	OBS <sup>4</sup>
Seed Consultants	SCS 1139	C		112	4
Seed Consultants	SC 11H38	C	CB/GU	112	4
Seed Consultants	SC 11VTT48	PL	CB/GY/RW	113	4
Seed Consultants	SC 11RR49	C	GY	113	4
Seed Consultants	SC 11MT45	C	CB/GY/RW	114	4
Seed Consultants	SC 11VTT56	C	CB/GY/RW	114	4
Seed Consultants	SC 11VTT58	PL	CB/GY/RW	114	4
Seed Consultants	SC 11VTT86	C	CB/GY/RW	118	4
Seed Consultants	SC 11BR97	C	CB/GY	119	4
Southern States	SS 998 HX/LL		CB/GU	125	4
Stealth	ST-9313	PL	CB	113	4
Stealth	ST-9615	PL	CB/GY/RW	115	4
Stealth	ST-9116	PL	CB/GU/GY	116	4
T.A. Seeds	TA777-11	PL	CB/GU	115	4
T.A. Seeds	TA780-13V	PL	CB/GY/RW	116	4
T.A. Seeds	TA788-11	PL	CB/GU	117	4

<sup>1</sup> Insecticidal Seed Treatment (IST) PL = Poncho 250®, PH = Poncho 1250®, C = Cruiser®.

<sup>2</sup> Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer; RW = Bt root worm, Herculex™ root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup® Ready, Roundup® Ready Corn 2, Agrisure®; IT = imidazolinon-tolerant and includes Clearfield®; GU = gluphosinate-ammonium-tolerant and includes Liberty Link®.

<sup>3</sup> Days to maturity (DTM) provided by company; differences in maturity rating methods may exist.

<sup>4</sup> Number of observations hybrid occurred (OBS); the greater the observations, the more reliable the data. Shaded hybrids indicate hybrids entered in less than 3 locations.



**Table 2. Multi-year, Multi-site Relative Ton per Acre (Yield)**

Brand	Hybrid	DTM per Co. <sup>1</sup>	Shenandoah Valley		Northern Piedmont		Southern Piedmont		Southwest / Mountain		Multi-Site Average	Number of Obs. <sup>2</sup>
			2008	2007	2008	2007	2008	2007	2008	2007		
			-----Relative Ton per Acre <sup>3</sup> -----									
Hytest	HT 82-12 VT3	118	119 *	108 *							114	2
Mid-Atlantic	MA8148BIRR	114	105 *	100			130 *			114 *	112	4
Seed Consultants	SC 11YP07	109	120 *	99							110	2
Mid-Atlantic	MA8138VT3	113	106 *	106 *			104			119 *	109	4
Mid-Atlantic	MA8105VT3	105	124 *	104 *			85			117 *	108	4
Hytest	HT 7891 VT3	118	98 *	103	121 *						107	3
Mycogen Seeds	TMF2Q733	113	120 *	95			105			108 *	107	4
Seed Consultants	SC 11VTT86	118	102 *	115 *			114			97	107	4
Augusta	A06-07CBLL	107	125 *	121 *	115 *	100	89	104 *	87	115 *	107	8
Mid-Atlantic	MA8088VT3	108	104 *	113 *	94	118 *	94	91	107 *	127 *	106	8
Augusta	A08-13HX	117	102 *	110 *			102			108 *	106	4
Mid-Atlantic	MA8150VT3	115	114 *	108 *			102			98	106	4
Augusta	A06-10HX	113	98 *	102	101	101	108	99 *	111 *	118 *	105	8
Augusta	A04-102CB	119	94	118 *	106 *	105 *	99	109 *	102	105 *	105	8
Mycogen Seeds	TMF2N804	116	91	99			104			125 *	105	4
Augusta	A008CBQ	117	101 *	104 *			92			121 *	105	4
DEKALB	DKC61-69(VT3)	111	113 *	107 *			99			99	105	4
Augusta	A06-02HX	119	109 *	120 *	89	111 *	109	101 *	89		104	7
Augusta	A08-71VT3	119	104 *	110 *			103			98	104	4
Seed Consultants	SC 11BR58	114	98 *	110 *			97			108 *	103	4
T.A. Seeds	TA780-13V	116	76	124 *	122 *	112 *	99			86	103	6
Augusta	A06-15CL	119	105 *	90			107			107 *	102	4
Southern States	SS 998 HX/LL	125	97 *	101			105			106 *	102	4
Augusta	A08-14RR	119	95	112 *			100			101	102	4
Augusta	A04-94CB	118	98 *	135 *	106 *	94	88	102 *	104	88	102	8
Pioneer	33V16 (YGCB/RR2)	115	95	90	105 *	82	104	114 *	95	129 *	102	8
Seed Consultants	SC 11BR89	113	85	123 *			103			95	102	4
Mycogen Seeds	TMF2H917	120	99 *	88			110			108 *	101	4
Doebler's	771XRR	114	99 *	104 *			112			90	101	4
Augusta	A5175CB	107	89	124 *	105 *	126 *	104	91	92	76	101	8
DEKALB	DKC63-42(VT3)	113	92	140 *	87	109 *	80	91	105	99 *	100	8
Doebler's	786BVR	115	98 *	96			100			106 *	100	4
Augusta	A5338CB	116	93	94	127 *	87	105	83	116 *	94	100	8
DEKALB	DKC67-87(YGCB/RR2)	117	104 *	82	89	104	107	105 *	100	108 *	100	8
Augusta	A08-11CB	111	91	106 *			96			106 *	100	4
Mid-Atlantic	MA5156GTCBLL	115	112 *	76			114			97	100	4
Augusta	A08-07HX	113	95	89			107			106 *	99	4
Stealth	ST-9615	115	105 *	95			97			100	99	4
Caverndale Farms	CF 961 RR2	120								99	99	1
Seed Consultants	SC 11BR97	119	82	92	109 *	105 *	110	111 *	101	81	99	8
Seed Consultants	SC 11MT45	114	116 *	89	96	103	91	111 *	89	95	99	8
Seed Consultants	SC 11VTT56	114	96 *	103			100			96	99	4
Mid-Atlantic	MA5158	115	102 *	95			100			97	99	4

**Table 2. Multi-year, Multi-site Relative Ton per Acre (Yield)**

Brand	Hybrid	DTM per Co. <sup>1</sup>	Shenandoah Valley		Northern Piedmont		Southern Piedmont		Southwest / Mountain		Multi-Site Average	Number of Obs. <sup>2</sup>
			2008	2007	2008	2007	2008	2007	2008	2007		
			Relative Ton per Acre <sup>3</sup>									
Pioneer	31G71 (HX/LL/RR2)	119	86	64	105 *	90	117 *	110 *	111 *	104 *	98	8
Mid-Atlantic	MA5141	114	101 *		87		102		103		98	4
T.A. Seeds	TA777-11	115	110 *	86	101	100	91	115 *	84		98	7
Augusta	A06-33RRCB	118	99 *	82	97	100	104	90	112 *		98	7
Augusta	A76-64CB	115	80		109 *		101		99		97	4
Caverndale Farms	CF 914 YGVT/Triple	118							97		97	1
Mid-Atlantic	MA5151CB	115	113 *		98		93		80		96	4
Augusta	A08-19	109	92		101		98		92		96	4
Pioneer	31R87 (RR2)	120	88	61	102	91	113	100 *	109 *	90	94	8
Seed Consultants	SCS 1139	112	116 *		95		81		85		94	4
Hyttest	HT 68-06 VT3	113	90		98						94	2
T.A. Seeds	TA788-11	117	89		85		101		96		93	4
Seed Consultants	SC 11H38	112	102 *		74		99		94		92	4
Seed Consultants	SC 11VTT48	113	106 *		110 *		92		58		92	4
DEKALB	DKC64-24(VT3)	114	88		102		88		87		91	4
Seed Consultants	SC 10MT97	108	103 *	84	85						91	3
Stealth	ST-9313	113	95		82		88		87		88	4
DEKALB	RX674VT3	109	102 *		88		83		79		88	4
DEKALB	RX785VT3	113	79		84		88		94		86	4
Stealth	ST-9116	116	97 *		43		94		97		83	4

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

2. Hybrids that were tested over more site/year combinations provide a better estimate of hybrid performance than those tested only in a single site/year location.

3. Relative Ton per Acre (yield) calculated by dividing Ton per Acre for each hybrid at each site/year by the average Ton per Acre for that site/year. Numbers over 100 indicate above-average yield, 100 indicates average yield, numbers under 100 indicate below-average yield.

\* Indicates numbers not significantly different from the highest value in that column (i.e. within on LSD of the top performer).

Shading indicates hybrids within one LSD of the top performer for that site/year which appeared in at least three or more site/years.

**Table 3. Multi-year, Multi-site Relative Milk per Ton (Quality)**

Brand	Hybrid	DTM per Co. <sup>1</sup>	Shenandoah Valley		Northern Piedmont		Southern Piedmont		Southwest / Mountain		Multi-Site Average	Number of Obs. <sup>2</sup>
			2008	2007	2008	2007	2008	2007	2008	2007		
			-----Relative Milk per Ton <sup>3</sup> -----									
Pioneer	31R87 (RR2)	120	102	129 *	103 *	94	99	100	105 *	141 *	109	8
Augusta	A04-102CB	119	98	116 *	106 *	104 *	100	102 *	104 *	118 *	106	8
Hyttest	HT 7891 VT3	118	102	112 *	104 *						106	3
Augusta	A06-10HX	113	101	102	98	106 *	100	102 *	104 *	128 *	105	8
Augusta	A06-33RRCB	118	100	126 *	106 *	102 *	98	105 *	97		105	7
Augusta	A04-94CB	118	97	109 *	102 *	104 *	99	99	101 *	124 *	104	8
Augusta	A5338CB	116	102	113 *	105 *	106 *	100	102 *	102 *	105 *	104	8
Seed Consultants	SCS 1139	112	103 *		101 *		106 *		105 *		104	4
Mid-Atlantic	MA5158	115	105 *		103 *		106 *		100 *		104	4
Augusta	A76-64CB	115	103 *		104 *		102		104 *		103	4
Stealth	ST-9615	115	99		109 *		99		104 *		103	4
Augusta	A08-07HX	113	101		106 *		102		102 *		103	4
Mycogen Seeds	TMF2Q733	113	99		102 *		101		107 *		102	4
Mycogen Seeds	TMF2N804	116	103 *		100		101		105 *		102	4
DEKALB	DKC61-69(VT3)	111	100		102 *		103 *		102 *		102	4
Seed Consultants	SC 11BR97	119	107 *	102	106 *	102 *	102	104 *	101 *	89	102	8
Stealth	ST-9313	113	100		103 *		98		105 *		102	4
DEKALB	DKC64-24(VT3)	114	103 *		96		103 *		104 *		102	4
Mid-Atlantic	MA8150VT3	115	99		103 *		101		102 *		101	4
Augusta	A5175CB	107	98	89	97	99	102	98	102 *	124 *	101	8
Hyttest	HT 68-06 VT3	113	102		100						101	2
Caverndale Farms	CF 914 YGVT/Triple	118							101 *		101	1
Mid-Atlantic	MA8148BtRR	114	100		102 *		101		100 *		101	4
Augusta	A08-14RR	119	107 *		103 *		99		94		101	4
Augusta	A06-15CL	119	101		100		99		102 *		101	4
Seed Consultants	SC 11H38	112	102		100		102		98		101	4
Augusta	A08-11CB	111	103 *		103 *		100		96		101	4
Mid-Atlantic	MA8138VT3	113	102		106 *		98		96		101	4
Mid-Atlantic	MA8105VT3	105	98		99		101		102 *		100	4
Doebler's	771XRR	114	99		101 *		100		100 *		100	4
Doebler's	786BVR	115	99		101 *		101		99 *		100	4
Hyttest	HT 82-12 VT3	118	97		103 *						100	2
Seed Consultants	SC 11MT45	114	101	108 *	96	100	100	99	103 *	91	100	8
Seed Consultants	SC 11VTT86	118	100		100		100		99 *		100	4
Augusta	A008CBQ	117	101		103 *		101		94		100	4
T.A. Seeds	TA780-13V	116	106 *	94	102 *	96	98		101 *		100	6
T.A. Seeds	TA788-11	117	100		95		99		104 *		100	4
DEKALB	RX674VT3	109	97		98		102		101 *		100	4
Seed Consultants	SC 11VTT56	114	97		102 *		99		100 *		100	4
Mid-Atlantic	MA8088VT3	108	93	121 *	97	94	102	89	101 *	99	99	8
DEKALB	RX785VT3	113	100		96		100		101 *		99	4
Seed Consultants	SC 11BR58	114	97		99		103 *		98		99	4
Seed Consultants	SC 11BR89	113	98		101 *		100		98		99	4

**Table 3. Multi-year, Multi-site Relative Milk per Ton (Quality)**

Brand	Hybrid	DTM per Co. <sup>1</sup>	Shenandoah Valley		Northern Piedmont		Southern Piedmont		Southwest / Mountain		Multi-Site Average	Number of Obs. <sup>2</sup>
			2008	2007	2008	2007	2008	2007	2008	2007		
			-----Relative Milk per Ton <sup>3</sup> -----									
Seed Consultants	SC 10MT97	108	97	102	99						99	3
T.A. Seeds	TA777-11	115	100	103	103 *	98	99	94	97		99	7
Augusta	A08-13HX	117	100		105 *		96		95		99	4
Caverdale Farms	CF 961 RR2	120							99 *		99	1
Mycogen Seeds	TMF2H917	120	105 *		95		99		96		99	4
Mid-Atlantic	MA5141	114	98		98		100		98		99	4
DEKALB	DKC63-42(VT3)	113	98	102	95	99	100	97	102 *	90	98	8
Southern States	SS 998 HX/LL	125	107 *		91		99		93		98	4
Pioneer	33V16 (YGCB/RR2)	115	105 *	83	100	99	103 *	99	100 *	90	97	8
Pioneer	31G71 (HX/LL/RR2)	119	103 *	78	98	100	99	93	100 *	103 *	97	8
Augusta	A08-19	109	96		98		97		96		97	4
Mid-Atlantic	MA5151CB	115	95		93		99		99 *		97	4
Augusta	A08-71VT3	119	99		93		98		96		97	4
Augusta	A06-07CBLL	107	97	88	93	101 *	99	100	101 *	89	96	8
Seed Consultants	SC 11YP07	109	99		93						96	2
Augusta	A06-02HX	119	97	86	105 *	95	94	96	98		96	7
Mid-Atlantic	MA5156GTCBLL	115	98		91		99		95		96	4
Seed Consultants	SC 11VTT48	113	103 *		99		100		76		95	4
DEKALB	DKC67-87(YGCB/RR2)	117	95	104	100	97	98	98	96	59	94	8
Stealth	ST-9116	116	99		72		100		101 *		93	4

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

2. Hybrids that were tested over more site/year combinations provide a better estimate of hybrid performance than those tested only in a single site/year location.

3. Relative Milk per Ton (quality) calculated by dividing Milk per Ton for each hybrid at each site/year by the average Milk per Ton for that site/year. Numbers over 100 indicate above-average yield, 100 indicates average yield, numbers under 100 indicate below-average yield.

\* Indicates numbers not significantly different from the highest value in that column (i.e. within on LSD of the top performer).

Shading indicates hybrids within one LSD of the top performer for that site/year which appeared in at least three or more site/years.

**Table 4. Multi-year, Multi-site Relative Milk per Acre (Yield X Quality)**

Brand	Hybrid	DTM per Co. <sup>1</sup>	Shenandoah Valley		Northern Piedmont		Southern Piedmont		Southwest / Mountain		Multi-Site Average	Number of Obs. <sup>2</sup>
			2008	2007	2008	2007	2008	2007	2008	2007		
			-----Relative Milk per Acre <sup>3</sup> -----									
Hytest	HT 82-12 VT3	118	117 *		111 *						114	2
Mid-Atlantic	MA8148BIRR	114	106 *		102			131 *		114 *	113	4
Hytest	HT 7891 VT3	118	101 *	111	126 *						113	3
Augusta	A06-10HX	113	99 *	109	98	107 *	109	101	116 *	153 *	112	8
Augusta	A04-102CB	119	92	130 *	113 *	109 *	98	110 *	107	118 *	110	8
Mid-Atlantic	MA8138VT3	113	107 *		113 *		102		114 *		109	4
Mid-Atlantic	MA8088VT3	108	96 *	138 *	92	111 *	96	88	109	141 *	109	8
Mycogen Seeds	TMF2Q733	113	119 *		96		106		114 *		109	4
Mid-Atlantic	MA8105VT3	105	123 *		103		86		120 *		108	4
Augusta	A04-94CB	118	95 *	149 *	108	98	88	100	105	118 *	108	8
Mycogen Seeds	TMF2N804	116	94		98		105		130 *		107	4
Seed Consultants	SC 11VTT86	118	102 *		115 *		113		97		107	4
Mid-Atlantic	MA8150VT3	115	113 *		110		103		99		106	4
DEKALB	DKC61-69(VT3)	111	113 *		108		102		101		106	4
Seed Consultants	SC 11YP07	109	119 *		92						106	2
Augusta	A08-13HX	117	103 *		115 *		98		101		104	4
Augusta	A5338CB	116	95 *	102	133 *	93	105	84	119 *	96 *	103	8
Augusta	A008CBQ	117	102 *		107		92		112 *		103	4
Augusta	A06-15CL	119	107 *		90		106		110		103	4
Augusta	A06-07CBLL	107	121 *	110	107	99	89	104	87	106 *	103	8
Augusta	A08-14RR	119	102 *		114 *		99		95		103	4
T.A. Seeds	TA780-13V	116	78	118 *	124 *	110 *	97		87		102	6
Augusta	A08-07HX	113	97 *		94		109		109		102	4
Seed Consultants	SC 11BR58	114	94		108		101		106		102	4
Pioneer	33V16 (YGCB/RR2)	115	100 *	74	106	81	107	123 *	94	131 *	102	8
Mid-Atlantic	MA5158	115	108 *		97		106		97		102	4
Doebler's	771XRR	114	99 *		105		113		90		102	4
Augusta	A06-33RRCB	118	98 *	102	102	101	101	94	109		101	7
Augusta	A5175CB	107	87	106	103	125 *	106	89	94	98 *	101	8
Seed Consultants	SC 11BR89	113	83		124 *		103		93		101	4
Stealth	ST-9615	115	101 *		102		96		103		101	4
Augusta	A06-02HX	119	106 *	116 *	92	104 *	102	97	86		100	7
DEKALB	DKC63-42(VT3)	113	89	152 *	82	108 *	80	88	107	97 *	100	8
Augusta	A76-64CB	115	82		113 *		103		103		100	4
Augusta	A08-71VT3	119	104 *		102		101		94		100	4
Doebler's	786BVR	115	97 *		97		101		105		100	4
Mycogen Seeds	TMF2H917	120	103 *		84		108		104		100	4
Seed Consultants	SC 11BR97	119	89	92	115 *	107 *	112	116 *	102	65	100	8
Pioneer	31R87 (RR2)	120	89	78	106	85	112	98	113 *	116 *	100	8
Augusta	A08-11CB	111	93		108		95		101		99	4
Southern States	SS 998 HX/LL	125	103 *		92		104		98		99	4
Seed Consultants	SC 11MT45	114	116 *	95	93	104 *	91	109 *	92	87	98	8
Seed Consultants	SC 11VTT56	114	93		105		99		96		98	4

**Table 4. Multi-year, Multi-site Relative Milk per Acre (Yield X Quality)**

Brand	Hybrid	DTM per Co. <sup>1</sup>	Shenandoah Valley		Northern Piedmont		Southern Piedmont		Southwest / Mountain		Multi-Site Average	Number of Obs. <sup>2</sup>	
			2008	2007	2008	2007	2008	2007	2008	2007			
			-----Relative Milk per Acre <sup>3</sup> -----										
Caverndale Farms	CF 914 YGVT/Triple	118									98	98	1
Caverndale Farms	CF 961 RR2	120									98	98	1
T.A. Seeds	TA777-11	115	110 *	92	104	99	90	108 *	81		98	98	7
Mid-Atlantic	MA5141	114	100 *		85		102		102		97	97	4
Seed Consultants	SCS 1139	112	119 *		95		85		90		97	97	4
Mid-Atlantic	MA5156GTCBLL	115	110 *		68		114		93		96	96	4
Pioneer	31G71 (HX/LL/RR2)	119	88	48	103	89	115	102	112 *	105 *	95	95	8
Hytest	HT 68-06 VT3	113	92		97						95	95	2
Seed Consultants	SC 11VTT48	113	108 *		109		92		68		94	94	4
DEKALB	DKC67-87(YGCB/RR2)	117	100 *	89	89	101	106	103	96	65	94	94	8
T.A. Seeds	TA788-11	117	89		82		100		99		93	93	4
Seed Consultants	SC 11H38	112	104 *		74		100		92		93	93	4
Augusta	A08-19	109	88		97		96		89		93	93	4
DEKALB	DKC64-24(VT3)	114	90		98		91		90		92	92	4
Mid-Atlantic	MA5151CB	115	108 *		91		91		79		92	92	4
Seed Consultants	SC 10MT97	108	101 *	86	83						90	90	3
Stealth	ST-9313	113	94		84		86		91		89	89	4
DEKALB	RX674VT3	109	98 *		86		85		80		87	87	4
Stealth	ST-9116	116	96 *		58		95		98		87	87	4
DEKALB	RX785VT3	113	79		80		88		95		86	86	4

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

2. Hybrids that were tested over more site/year combinations provide a better estimate of hybrid performance than those tested only in a single site/year location.

3. Relative Milk per Acre (yield x quality) calculated by dividing Milk per Acre for each hybrid at each site/year by the average Milk per Acre for that site/year. Numbers over 100 indicate above-average yield, 100 indicates average yield, numbers under 100 indicate below-average yield.

\* Indicates numbers not significantly different from the highest value in that column (i.e. within on LSD of the top performer).

Shading indicates hybrids within one LSD of the top performer for that site/year which appeared in at least three or more site/years.

Table 5. 2008 Corn Silage Test Results at the Shenandoah Valley Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	%	Mcal/lb	%	lb milk/ton	lb milk/acre			
Mid-Atlantic	MA8105VT3	105	45.35	21.07	7.37	6.35	32.94	58.38	58.98	0.58	62.16	2503	18553
Augusta	A06-07CBLL	107	55.51	21.09	7.38	6.36	28.70	52.37	57.15	0.57	61.39	2474	18267
Seed Consultants	SCS 1139	112	52.84	19.59	6.86	6.96	27.62	51.46	60.62	0.60	63.83	2627	17992
Mycogen Seeds	TMF2Q733	113	50.93	20.36	7.13	6.46	30.37	54.48	58.89	0.58	62.30	2525	17992
Seed Consultants	SC 11YP07	109	52.62	20.19	7.07	6.46	28.77	51.70	57.95	0.58	62.26	2537	17986
Hyttest	HT 82-12 VT3	118	44.17	20.19	7.07	6.56	32.05	55.29	56.28	0.58	61.48	2497	17715
Seed Consultants	SC 11MT45	114	54.36	19.59	6.86	6.77	30.35	53.38	59.13	0.59	62.95	2575	17630
Mid-Atlantic	MA8150VT3	115	51.50	19.23	6.73	6.64	30.92	54.04	59.15	0.58	62.47	2531	17083
DEKALB	DKC61-69(VT3)	111	52.71	19.07	6.68	6.64	25.94	47.40	56.70	0.59	62.29	2556	17063
T.A. Seeds	TA777-11	115	47.64	18.68	6.54	6.73	28.47	51.94	58.03	0.59	62.44	2550	16680
Mid-Atlantic	MA5156GTCBLL	115	53.70	18.95	6.63	6.77	30.31	55.94	58.73	0.58	62.17	2509	16650
Mid-Atlantic	MA5158	115	45.74	17.33	6.07	6.70	30.30	53.94	60.76	0.60	64.72	2692	16377
Seed Consultants	SC 11VTT48	113	50.56	17.96	6.28	7.27	28.57	51.50	57.52	0.60	63.23	2622	16356
Mid-Atlantic	MA5151CB	115	50.84	19.10	6.68	6.41	32.56	58.50	57.54	0.57	60.94	2434	16267
Mid-Atlantic	MA8138VT3	113	42.81	17.95	6.28	6.82	29.81	52.46	57.04	0.59	63.02	2607	16209
Augusta	A06-15CL	119	43.95	17.81	6.23	6.25	33.76	58.96	60.31	0.59	63.49	2591	16197
Mid-Atlantic	MA8148BtRR	114	48.17	17.82	6.23	6.89	29.52	53.26	58.24	0.59	62.66	2563	16099
Augusta	A06-02HX	119	44.71	18.35	6.42	6.17	32.39	56.87	57.03	0.58	61.45	2486	16030
Augusta	A08-71VT3	119	42.80	17.65	6.18	6.56	33.35	59.56	58.29	0.59	62.50	2546	15759
Seed Consultants	SC 11H38	112	44.77	17.18	6.01	6.72	31.84	55.56	59.84	0.59	63.47	2604	15686
Southern States	SS 998 HX/LL	125	37.16	16.31	5.71	6.40	34.43	58.82	57.61	0.61	64.72	2735	15639
Mycogen Seeds	TMF2H917	120	40.23	16.77	5.87	6.91	37.74	64.38	60.43	0.60	64.67	2677	15622
Augusta	A08-13HX	117	44.18	17.22	6.03	6.45	30.15	54.03	57.61	0.59	62.48	2561	15536
Augusta	A08-14RR	119	36.90	16.07	5.63	6.41	33.23	56.56	57.15	0.62	64.82	2754	15425
Seed Consultants	SC 11VTT86	118	41.72	17.33	6.06	6.74	34.85	59.76	59.10	0.58	62.78	2551	15386
Stealth	ST-9615	115	53.80	17.82	6.24	7.01	30.53	54.31	59.46	0.58	62.38	2524	15373
Augusta	A008CBQ	117	49.64	17.00	5.95	6.99	29.43	52.30	59.81	0.59	63.05	2576	15363
Hyttest	HT 7891 VT3	118	45.79	16.63	5.82	6.73	33.32	57.22	60.54	0.60	63.88	2621	15270
Seed Consultants	SC 10MT97	108	55.80	17.46	6.11	6.89	30.61	54.29	57.84	0.58	61.70	2490	15229
Pioneer	33V16 (YGCB/RR2)	115	51.55	16.04	5.62	6.71	29.05	52.48	61.51	0.60	64.80	2693	15186
DEKALB	DKC67-87(YGCB/RR2)	117	50.85	17.67	6.19	6.61	31.22	54.31	55.39	0.57	60.53	2436	15137
Mid-Atlantic	MA5141	114	45.67	17.05	5.97	6.61	33.05	57.61	58.67	0.58	62.10	2507	15057
Augusta	A06-10HX	113	48.08	16.55	5.79	7.06	29.82	54.34	60.32	0.59	63.34	2588	14982
Doebler's	771XRR	114	48.57	16.76	5.87	7.26	31.50	56.64	59.68	0.58	62.76	2544	14931
DEKALB	RX674VT3	109	56.43	17.22	6.03	6.78	32.38	57.81	58.90	0.57	61.70	2471	14883
Augusta	A06-33RRCB	118	41.77	16.84	5.89	6.66	32.46	55.27	55.99	0.59	62.19	2561	14809
Doebler's	786BVR	115	52.47	16.55	5.79	7.01	29.02	51.53	57.84	0.59	62.33	2545	14636
Augusta	A08-07HX	113	53.06	16.14	5.65	6.64	27.50	50.00	58.86	0.59	63.04	2590	14634
Mid-Atlantic	MA8088VT3	108	54.88	17.54	6.14	6.65	33.48	58.72	56.88	0.56	60.18	2381	14591
Stealth	ST-9116	116	53.93	16.40	5.74	6.79	29.28	54.63	59.80	0.58	62.50	2526	14455
Augusta	A04-94CB	118	45.25	16.63	5.82	7.17	33.17	58.90	59.08	0.57	61.90	2479	14399
Augusta	A5338CB	116	48.65	15.79	5.53	6.50	30.46	53.78	59.93	0.59	63.44	2601	14332
Stealth	ST-9313	113	52.41	16.01	5.61	7.48	29.26	53.38	59.91	0.58	62.76	2548	14284
Seed Consultants	SC 11BR58	114	48.69	16.52	5.79	6.75	32.37	57.05	58.15	0.57	61.86	2484	14254
Mycogen Seeds	TMF2N804	116	42.82	15.42	5.4	7.07	32.65	57.33	60.87	0.59	64.15	2637	14186
Augusta	A08-11CB	111	44.23	15.43	5.40	7.02	30.31	54.55	59.54	0.60	63.82	2638	14153
Seed Consultants	SC 11VTT56	114	49.69	16.20	5.67	6.97	33.52	58.38	59.25	0.57	61.76	2472	14051
Augusta	A04-102CB	119	50.99	15.91	5.57	7.12	32.39	57.42	59.83	0.58	62.28	2503	13979
Hyttest	HT 68-06 VT3	113	48.45	15.21	5.32	7.79	28.27	52.14	58.92	0.59	63.48	2611	13958

Table 5. 2008 Corn Silage Test Results at the Shenandoah Valley Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006	
		--Days--	%	ton/acre	ton/acre					Mcal/lb	%	lb milk/ton	lb milk/acre	
DEKALB	DKC64-24(VT3)	114	50.19	14.79	5.17	6.89	27.47	50.54	59.26	*	0.59	63.66	* 2632	* 13562
Pioneer	31R87 (RR2)	120	47.00	14.88	5.21	6.57	30.63	53.24	58.43		0.59	63.24	2606	13560
DEKALB	DKC63-42(VT3)	113	51.36	15.55	5.44	6.73	28.85	52.81	57.83		0.58	61.81	2501	13557
Seed Consultants	SC 11BR97	119	41.42	13.89	4.86	6.99	31.17	54.83	60.15	*	0.61	* 65.18	* 2738	* 13518
T.A. Seeds	TA788-11	117	45.87	14.96	5.24	6.38	29.61	53.11	57.75		0.59	62.51	2562	13426
Pioneer	31G71 (HX/LL/RR2)	119	47.42	14.54	5.09	6.61	29.99	54.27	60.58	*	0.60	* 64.11	* 2646	* 13419
Augusta	A08-19	109	51.15	15.62	5.47	6.50	32.05	56.89	57.41		0.57	61.40	2460	13404
Augusta	A5175CB	107	55.29	15.10	5.28	6.74	31.29	56.04	59.23	*	0.57	62.15	2507	13169
Seed Consultants	SC 11BR89	113	49.06	14.30	5.01	6.83	32.93	58.24	59.27	*	0.58	62.11	2497	12551
Augusta	A76-64CB	115	49.95	13.46	4.71	6.90	29.93	53.79	59.62	*	0.60	* 63.99	* 2645	* 12430
DEKALB	RX785VT3	113	51.72	13.41	4.70	6.62	27.53	50.29	56.90		0.59	62.40	2566	12002
T.A. Seeds	TA780-13V	116	44.75	12.92	4.52	6.79	31.38	55.61	61.62	*	0.61	* 65.03	* 2700	* 11822
	Site Average		48.43	16.93	5.93	6.76	30.93	54.99	58.77		0.58	62.79	2564	15160
	LSD (0.10)		5.22	5.01	1.76	0.50	3.59	5.64	2.64		0.02	1.92	133	4444
	CV		9.21	25.32	25.33	6.34	9.93	8.77	3.85		2.64	4	25	

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).



Table 6. Two-Year Average Corn Silage Test Results (2007 & 2008) at the Shenandoah Valley Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre					Mcal/lb	%	lb milk/ton	lb milk/acre
Augusta	A-04-94CB	118	39.20	19.51	6.83 *	6.81	31.10	55.82	63.04	0.62	64.17	2560	17701 *
DEKALB	DKC63-42(VT3)	113	45.02	19.42	6.80 *	6.46	26.86	49.58	59.14	0.63	65.12	2484	17456 *
Augusta	A06-07CBLL	107	47.04	20.58	7.20 *	6.32	27.90	50.79	60.23	0.62	64.38	2305	16857 *
Mid-Atlantic	MA8088VT3	108	49.71	17.97	6.29 *	6.41	30.15	53.99	60.71	0.61	63.84	2565	16199 *
Augusta	A-04-102CB	119	42.88	17.77	6.22 *	6.67	28.92	52.03	62.71	0.63	65.22	2656	16129 *
Augusta	A06-02HX	119	41.38	18.86	6.60 *	5.91	30.31	54.04	61.05	0.62	64.14	2353	16118 *
Seed Consultants	SC 11MT45	114	46.16	17.55	6.14 *	6.50	28.31	50.60	62.49	0.63	65.36	2588	15809 *
Hyttest	HT 7891 VT3	118	40.05	16.82	5.89	6.65	30.29	53.72	63.83	0.63	65.59	2663	15444 *
Augusta	A-06-10HX	113	42.86	16.74	5.86	7.04	28.29	52.22	62.23	0.63	65.43	2531	15115 *
T.A. Seeds	TA777-11	115	43.37	16.80	5.88	6.51	27.40	50.23	60.55	0.63	65.09	2519	15055 *
Augusta	A-06-33RRCB	118	38.23	15.46	5.41	6.45	30.66	53.11	59.75	0.62	64.36	2766	14615 *
Augusta	A5338CB	116	39.88	15.68	5.49	6.41	29.59	52.92	63.09	0.62	65.01	2660	14338 *
T.A. Seeds	TA780-13V	116	40.31	16.73	5.86	6.51	28.50	51.52	63.60	0.64	66.56	2490	14173 *
Augusta	A5175CB	107	47.10	17.88	6.26 *	6.43	28.85	52.59	62.20	0.62	64.92	2325	14046 *
Seed Consultants	SC 10MT97	108	48.91	15.93	5.57	6.74	27.53	50.51	61.77	0.63	65.17	2475	13898
DEKALB	DKC67-87(RR2/YGCB)	117	43.82	15.65	5.48	6.23	30.20	53.09	59.98	0.61	63.45	2480	13796
Seed Consultants	SC 11BR97	119	37.39	14.48	5.07	6.66	30.32	53.77	63.50	0.63	65.70	2625	13264
Pioneer	33V16 (YGCB/RR2)	115	44.74	15.46	5.41	6.44	28.81	52.10	62.96	0.63	65.73	2349	12814
Pioneer	31R87 (RR2)	120	41.50	12.84	4.50	6.27	29.89	52.80	61.55	0.62	64.81	2822	12463
Pioneer	31G71 (HX/LL/RR2)	119	42.41	12.85	4.50	6.56	28.14	52.05	63.86	0.63	65.94	2323	10541
	Site Average		43.06	16.78	5.87	6.5	29.1	52.37	61.91	0.63	65	2526	14806
	LSD (0.10)		3.32	3.61	1.26	0.39	2.32	3.42	1.69	0.01	1.35	279	3733
	CV		8.9	24.85	24.85	7.18	9.6	7.88	3.28	2.68	2.51	13	29

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

**Table 7. Three-Year Average Corn Silage Test Results (2006, 2007 & 2008) at the Shenandoah Valley Site**

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	-----%				Mcal/lb	%	lb milk/ton	lb milk/acre
Augusta	A-04-94CB	118	37.40	21.61 *	7.56 *	6.98 *	30.79 *	54.36 *	61.92 *	0.63 *	65.04 *	2670 *	20108 *
Augusta	A06-02HX	119	39.86	21.33 *	7.47 *	5.97 *	31.32 *	54.07 *	59.25 *	0.62 *	63.73 *	2467 *	18586 *
Augusta	A-04-102CB	119	40.98	19.83 *	6.94 *	6.79 *	29.14 *	51.71 *	62.15 *	0.63 *	65.68 *	2726 *	18372 *
Pioneer	31R87 (RR2)	120	39.68	18.41 *	6.44 *	6.39 *	29.10 *	50.56 *	61.45 *	0.64 *	66.18 *	2928 *	18172 *
Augusta	A06-33RRCB	118	37.29	19.19 *	6.72 *	6.70 *	30.35 *	51.99 *	58.90 *	0.63 *	64.96 *	2827 *	17758 *
Pioneer	33V16 (YGCB/RR2)	115	42.80	18.77 *	6.57 *	6.49 *	29.22 *	51.39 *	61.62 *	0.64 *	66.06 *	2520 *	16775 *
Pioneer	31G71 (HX/LL/RR2)	119	40.39	17.44 *	6.10 *	6.41 *	28.73 *	51.16 *	62.33 *	0.64 *	66.31 *	2527 *	16256 *
	Site Average		39.80	19.54	6.84	6.52	29.79	52.16	61.09	0.63	65.43	2665	17981
	LSD (0.10)		2.61	2.80	0.98	0.44	2.28	3.06	1.66	0.02	1.79	262	3294
	CV		9.08	19.83	19.83	9.19	10.45	8.02	3.72	3.98	3.75	13	24

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

Table 8. 2008 Corn Silage Test Results at the Northern Piedmont Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre					Mcal/lb	%	lb milk/ton	lb milk/acre
Augusta	A5338CB	116	28.81	16.91	5.91	7.15	33.57	57.42	57.86	0.64	66.94	2918	17273
Hytest	HT 7891 VT3	118	29.71	16.02	5.61	7.00	33.19	57.39	58.57	0.64	67.08	2915	16418
Seed Consultants	SC 11BR89	113	34.06	16.38	5.73	7.39	31.46	54.16	53.65	0.63	64.97	2819	16152
T.A. Seeds	TA780-13V	116	32.55	16.19	5.67	6.66	31.96	54.46	55.40	0.63	65.59	2839	16147
Seed Consultants	SC 11BR97	119	25.68	14.49	5.07	7.57	32.79	56.79	58.37	0.65	67.74	2976	15011
Seed Consultants	SC 11VTT86	118	26.61	15.28	5.35	6.89	36.24	61.13	56.78	0.62	65.32	2799	14979
Augusta	A08-13HX	117	31.61	14.60	5.11	6.75	30.82	55.52	56.25	0.64	66.77	2925	14924
Augusta	A08-14RR	119	29.97	14.85	5.20	7.00	32.32	55.84	54.73	0.64	65.95	2882	14904
Augusta	A04-102CB	119	29.22	14.15	4.95	6.90	32.66	56.39	57.57	0.65	67.55	2970	14711
Mid-Atlantic	MA8138VT3	113	29.67	14.10	4.93	7.90	31.56	55.93	57.46	0.65	67.58	2975	14678
Augusta	A76-64CB	115	32.92	14.51	5.08	7.81	29.66	52.95	57.24	0.64	66.69	2901	14670
Hytest	HT 82-12 VT3	118	26.25	14.34	5.02	7.90	34.07	58.63	56.67	0.64	66.17	2870	14435
Mid-Atlantic	MA8150VT3	115	26.39	14.40	5.04	6.96	34.39	58.13	56.98	0.64	66.24	2876	14370
Seed Consultants	SC 11VTT48	113	32.40	14.64	5.12	7.69	31.17	54.06	53.88	0.62	64.36	2767	14242
Seed Consultants	SC 11BR58	114	32.23	14.57	5.10	7.26	32.91	57.21	55.87	0.62	64.91	2782	14131
Augusta	A08-11CB	111	30.24	14.00	4.90	7.56	32.37	56.99	57.05	0.64	66.34	2879	14123
DEKALB	DKC61-69(VT3)	111	37.06	14.16	4.95	7.25	28.47	51.22	54.99	0.63	65.49	2845	14059
Augusta	A04-94CB	118	27.70	14.03	4.91	6.91	34.53	59.12	56.69	0.63	65.99	2857	14029
Augusta	A008CBQ	117	26.61	13.81	4.84	7.73	35.28	59.71	59.08	0.63	66.82	2882	13978
Augusta	A06-07CBLL	107	37.17	15.28	5.35	6.88	32.53	56.60	53.37	0.60	62.26	2610	13954
Pioneer	33V16 (YGCB/RR2)	115	36.59	14.00	4.90	6.88	32.33	56.66	56.64	0.62	65.37	2809	13758
Pioneer	31R87 (RR2)	120	30.36	13.58	4.76	6.80	32.46	57.04	57.60	0.64	66.62	2892	13753
Seed Consultants	SC 11VTT56	114	29.57	13.70	4.80	7.97	33.61	57.82	56.50	0.63	66.01	2860	13673
Doebler's	771XRR	114	30.82	13.85	4.85	7.62	34.62	60.25	56.98	0.62	65.51	2811	13630
T.A. Seeds	TA777-11	115	30.78	13.40	4.69	6.90	32.93	57.92	56.76	0.64	66.33	2882	13509
Mid-Atlantic	MA8105VT3	105	30.08	13.77	4.82	7.33	34.68	59.59	56.21	0.62	64.92	2779	13394
Pioneer	31G71 (HX/LL/RR2)	119	35.55	13.90	4.87	6.94	32.23	58.12	57.92	0.62	64.94	2751	13389
Stealth	ST-9615	115	31.48	12.57	4.40	7.78	29.21	52.04	58.01	0.66	68.41	3039	13341
Augusta	A5175CB	107	33.07	13.90	4.87	7.35	33.91	58.21	54.94	0.61	63.91	2717	13316
Mid-Atlantic	MA8148BtRR	114	30.39	13.29	4.65	7.60	33.67	58.70	57.26	0.63	66.06	2852	13314
Augusta	A06-33RRCB	118	25.99	12.83	4.49	7.78	32.35	56.50	57.41	0.65	67.40	2959	13297
Augusta	A08-71VT3	119	29.33	14.58	5.10	6.57	36.46	63.33	54.26	0.60	62.25	2597	13261
Augusta	A06-10HX	113	32.31	13.38	4.69	7.35	34.95	60.85	56.51	0.61	64.50	2738	12800
Mycogen Seeds	TMF2N804	116	24.12	13.08	4.58	8.45	35.26	60.51	61.10	0.62	66.01	2783	12797
DEKALB	DKC64-24(VT3)	114	37.15	13.60	4.76	7.12	32.28	55.90	53.43	0.61	62.93	2664	12754
Augusta	A08-19	109	32.21	13.33	4.67	7.99	33.86	58.54	54.29	0.62	63.92	2727	12659
Doebler's	786BVR	115	26.86	12.77	4.47	7.51	33.37	56.98	59.15	0.63	66.01	2821	12658
Hytest	HT 68-06 VT3	113	30.07	12.95	4.53	6.83	33.42	58.75	55.14	0.62	64.81	2785	12652
Mid-Atlantic	MA5158	115	32.27	12.57	4.40	7.58	33.77	58.78	58.53	0.63	66.59	2873	12620
Mycogen Seeds	TMF2Q733	113	36.25	12.62	4.42	7.26	31.34	56.79	59.09	0.63	66.25	2840	12540
Seed Consultants	SCS 1139	112	37.30	12.57	4.40	7.60	30.04	53.71	56.19	0.63	65.43	2821	12417
Augusta	A08-07HX	113	31.27	11.86	4.15	7.46	31.56	56.72	59.39	0.65	67.89	2969	12249
Seed Consultants	SC 11MT45	114	31.99	12.75	4.46	8.11	34.00	57.11	55.51	0.61	63.84	2700	12050
Augusta	A06-02HX	119	30.05	11.75	4.11	7.01	32.72	57.62	57.83	0.64	67.08	2926	11995
Mid-Atlantic	MA8088VT3	108	36.23	12.55	4.39	7.57	30.91	54.67	54.78	0.62	64.03	2725	11973
Southern States	SS 998 HX/LL	125	23.69	13.39	4.69	7.99	39.47	67.68	55.55	0.59	61.92	2546	11964
Seed Consultants	SC 11YP07	109	36.92	13.11	4.59	6.52	33.10	57.10	53.10	0.60	62.14	2603	11928
Mid-Atlantic	MA5151CB	115	37.71	13.01	4.55	7.24	32.13	58.06	55.59	0.60	62.74	2612	11899
Augusta	A06-15CL	119	24.46	11.95	4.18	7.13	37.97	64.16	59.79	0.63	66.11	2806	11737

**Table 8. 2008 Corn Silage Test Results at the Northern Piedmont Site**

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	-----%-----				Mcal/lb	%	lb milk/ton	lb milk/acre
DEKALB	DKC67-87(YGCB/RR2)	117	30.21	11.89	4.16	7.32	34.26	58.47	54.72	0.63	64.66	2784	11570
DEKALB	RX674VT3	109	38.78	11.64	4.07	7.56	31.41	55.60	55.81	0.62	64.54	2755	11188
Mid-Atlantic	MA5141	114	29.01	11.55	4.05	7.39	36.87	* 62.90	* 56.85	0.62	64.59	2739	11109
Stealth	ST-9313	113	33.64	10.95	3.83	8.59	* 32.27	57.42	58.20	0.63	66.54	* 2881	* 10978
Mycogen Seeds	TMF2H917	120	23.37	11.72	4.10	7.98	* 37.95	* 65.42	* 56.33	0.60	63.21	2640	10937
Seed Consultants	SC 10MT97	108	34.27	11.23	3.93	6.93	33.67	59.33	56.34	0.62	64.82	2768	10823
DEKALB	DKC63-42(VT3)	113	38.19	11.51	4.03	7.09	30.72	54.97	55.09	0.61	63.38	2668	10683
T.A. Seeds	TA788-11	117	29.39	11.32	3.96	7.01	35.32	61.69	54.15	0.61	63.10	2668	10647
DEKALB	RX785VT3	113	30.35	11.13	3.90	6.87	35.62	* 61.38	55.00	0.61	63.34	2672	10433
Stealth	ST-9116	116	37.21	10.68	3.74	7.48	32.89	60.43	57.92	0.61	64.23	2695	10065
Seed Consultants	SC 11H38	112	27.31	9.84	3.44	7.52	35.90	* 61.42	57.20	0.62	65.35	2798	9604
Mid-Atlantic	MA5156GTCBLL	115	35.93	10.12	3.54	7.08	36.50	* 64.19	* 55.42	0.59	61.77	2538	8898
	Site Average		31.28	13.29	4.66	7.35	33.34	58.07	56.50	0.62	65.25	2800	13040
	LSD (.10)		4.33	2.74	0.96	0.73	4.12	5.78	2.57	0.03	2.26	168	2892
	CV		11.81	17.56	17.57	8.44	10.55	8.49	3.88	3.50	2.96	5	19

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

Table 9. Two-Year Average Corn Silage Test Results (2007 & 2008) at the Northern Piedmont Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre					Mcal/lb	%	lb milk/ton	lb milk/acre
T.A. Seeds	TA780-13V	116	29.48	13.27	4.65 *	7.20	31.97	57.28	59.12	0.64	65.30	2764	13057
Augusta	A5338CB	116	27.42	12.48	4.37 *	7.39	31.98	57.07	60.56	0.65	66.36	2941	12839
Seed Consultants	SC 11BR97	119	24.62	12.11	4.24 *	7.74	34.40	59.80	61.92	0.63	65.41	2909	12348
Augusta	A5175CB	107	33.00	12.79	4.48 *	7.36	32.10	57.73	58.97	0.63	64.87	2736	12309
Augusta	A-04-102CB	119	27.71	11.92	4.17 *	6.99	32.18	57.69	60.54	0.65	66.35	2937	12273
Augusta	A-04-94CB	118	26.53	11.37	3.98	7.23	33.75	59.41	60.67	0.63	65.27	2882	11456
Augusta	A06-07CBLL	107	35.79	12.24	4.28 *	7.09	31.47	57.28	58.29	0.62	64.02	2708	11430
Augusta	A-06-10HX	113	31.04	11.36	3.98	7.29	32.47	58.91	59.96	0.63	65.24	2850	11249
Augusta	A-06-33RRCB	118	25.44	11.01	3.85	7.44	32.94	58.17	59.84	0.64	65.84	2899	11210
T.A. Seeds	TA777-11	115	29.01	11.30	3.95	6.97	32.68	58.90	58.94	0.64	65.57	2813	11208
Seed Consultants	SC 10MT97	108	34.58	11.67	4.08 *	7.02	33.12	60.04	59.48	0.63	64.78	2710	11067
Mid-Atlantic	MA8088VT3	108	35.54	11.72	4.10 *	7.10	32.40	57.84	57.57	0.62	64.07	2667	10982
Pioneer	31R87 (RR2)	120	28.36	10.99	3.85	6.76	33.15	59.30	60.31	0.64	65.37	2754	10739
Seed Consultants	SC 11MT45	114	27.91	11.14	3.90	7.98	34.23	59.20	59.49	0.62	63.83	2749	10732
Pioneer	31G71 (HX/LL/RR2)	119	33.66	11.10	3.89	6.88	32.94	60.58	61.42	0.63	64.58	2771	10728
Augusta	A06-02HX	119	29.87	11.00	3.85	6.99	32.75	59.38	59.45	0.64	65.85	2788	10693
Pioneer	33V16 (YGCB/RR2)	115	32.50	10.80	3.78	7.23	32.88	59.85	60.39	0.63	64.84	2786	10543
DEKALB	DKC67-87(RR2/YGCB)	117	30.02	10.72	3.75	7.11	33.55	58.91	57.42	0.63	64.63	2747	10352
DEKALB	DKC63-42(VT3)	113	36.14	10.80	3.78	6.79	30.71	55.99	58.00	0.63	64.51	2721	10234
	Site Average		30.45	11.57	4.01	7.19	32.72	58.60	59.60	0.63	65.09	2796	11339
	LSD (.10)		3.49	1.9	0.66	0.49	2.99	3.95	1.79	0.01	1.23	118	2012
	CV		13.83	19.8	19.8	8.23	9.81	8.13	3.61	2.59	2.27	5	21

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

Table 10. Three-Year Average Corn Silage Test Results (2006, 2007 & 2008) at the Northern Piedmont Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre					Mcal/lb	%	lb milk/ton	lb milk/acre
Augusta	A04-102CB	119	31.01	15.32 *	5.36 *	7.41 *	30.23	53.97	60.75 *	0.65 *	67.14 *	2988 *	15496 *
T.A. Seeds	TA780-13V	116	33.49	15.27 *	5.34 *	7.57 *	30.55	54.08	59.68 *	0.64	65.49	2791	14918 *
Pioneer	31G71 (HX/LL/RR2)	119	35.64	14.85 *	5.20 *	7.21	30.74	55.88 *	60.89 *	0.64	65.53	2847	14376 *
Augusta	A-04-94CB	118	29.41	14.50 *	5.07 *	7.49 *	32.97 *	57.23 *	59.19 *	0.63	65.18	2873	14297 *
Pioneer	31R87 (RR2)	120	31.56	14.50 *	5.08 *	7.06	32.10 *	56.26 *	59.52 *	0.64	65.57	2798	13948
Augusta	A06-02HX	119	33.14	14.92 *	5.22 *	7.26	31.85 *	56.51 *	58.70	0.63	65.33	2777	13890
Pioneer	33V16 (YGCB/RR2)	115	35.96	14.38 *	5.03 *	7.39 *	31.31 *	56.16 *	60.24 *	0.63	65.16	2812	13720
Augusta	A06-33RRCB	118	29.05	13.72	4.80	7.65 *	31.51 *	55.07 *	59.07	0.64	66.05 *	2916 *	13616
	Site Average		32.41	14.68	5.14	7.38	31.41	55.65	59.75	0.64	65.68	2850	14283
	LSD (0.10)		2.23	1.27	0.44	0.29	2.01	3.05	1.73	0.01	1.25	109	1531
	CV		10.09	12.71	12.71	5.50	8.95	7.68	4.06	3.17	2.67	5	15

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

Table 11. 2008 Corn Silage Test Results at the Southern Piedmont Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre					Mcal/lb	%	lb milk/ton	lb milk/acre
Mid-Atlantic	MA8148BtRR	114	55.48	20.51	7.18 *	6.77	29.21	51.65	54.48	0.57	60.11	2411	17318 *
Pioneer	31G71 (HX/LL/RR2)	119	60.17	18.42	6.45 *	6.07	29.74	52.59	53.89	0.56	59.26	2353	15175 *
Mid-Atlantic	MA5156GTCBLL	115	68.49	17.98	6.29 *	6.86	28.07	50.71	53.14	0.56	59.38	2369	14985
Seed Consultants	SC 11VTT86	118	49.42	18.03	6.31 *	6.64	31.99 *	54.74	54.56	0.56	59.82	2390	14954
Doebler's	771XRR	114	53.73	17.77	6.22	6.73	29.32	51.84	54.50	0.57	59.98	2403	14915
Seed Consultants	SC 11BR97	119	51.40	17.39	6.09	7.03 *	30.81	53.85	56.53 *	0.57	60.81 *	2438 *	14779
Pioneer	31R87 (RR2)	120	55.39	17.85	6.25	6.10	31.30	54.07	54.35	0.56	59.45	2364	14769
Augusta	A08-07HX	113	59.86	16.97	5.94	6.65	28.03	49.94	55.01	0.57	60.44	2433 *	14431
Augusta	A06-10HX	113	52.34	17.11	5.99	6.88	29.41	52.18	54.17	0.56	59.82	2393	14340
Mycogen Seeds	TMF2H917	120	44.17	17.30	6.06	6.80	33.62 *	58.02 *	53.84	0.56	59.34	2368	14302
Pioneer	33V16 (YGCB/RR2)	115	63.11	16.38	5.73	5.99	30.12	53.86	57.11 *	0.57	61.14 *	2462 *	14104
Mid-Atlantic	MA5158	115	58.26	15.81	5.53	6.81	27.82	49.39	57.91 *	0.58 *	62.10 *	2530 *	14014
Augusta	A06-15CL	119	49.89	16.84	5.89	6.93	31.19	53.92	54.86	0.56	59.63	2370	13967
Augusta	A5175CB	107	62.12	16.41	5.75	6.70	26.91	47.43	53.35	0.57	60.20	2432	13966
DEKALB	DKC67-87(YGCB/RR2)	117	54.77	16.86	5.91	6.37	31.42	54.80	54.14	0.56	59.28	2354	13947
Mycogen Seeds	TMF2Q733	113	56.46	16.53	5.78	6.65	29.12	51.44	54.79	0.57	60.15	2413	13925
Mycogen Seeds	TMF2N804	116	56.18	16.32	5.71	6.78	31.16	54.30	56.97 *	0.57	60.67 *	2423	13839
Augusta	A5338CB	116	55.33	16.51	5.78	6.50	28.06	49.06	54.09	0.57	59.92	2398	13832
Southern States	SS 998 HX/LL	125	42.46	16.57	5.80 *	7.01 *	33.95 *	58.47 *	52.61	0.56	59.03	2363	13677
Seed Consultants	SC 11BR89	113	56.07	16.34	5.72	6.42	30.69	53.41	54.32	0.56	59.67	2382	13602
Augusta	A76-64CB	115	61.38	15.90	5.57	7.15 *	25.52	45.08	52.18	0.57	60.16	2440 *	13588
Mid-Atlantic	MA8150VT3	115	53.67	16.10	5.64	6.74	28.57	49.59	54.50	0.57	60.22	2419	13567
Augusta	A06-02HX	119	53.80	17.18	6.01	6.58	31.66	55.14 *	52.59	0.54	57.73	2250	13536
Mid-Atlantic	MA8138VT3	113	52.53	16.38	5.73	6.63	28.33	50.06	52.10	0.56	58.99	2353	13492
Mid-Atlantic	MA5141	114	63.34	16.13	5.65	6.43	31.37	55.63 *	56.58 *	0.56	60.10	2382	13425
DEKALB	DKC61-69(VT3)	111	61.50	15.63	5.47	6.61	27.36	48.48	54.41	0.58 *	60.80 *	2462 *	13405
Augusta	A06-33RRCB	118	51.80	16.40	5.74	6.70	29.71	50.97	52.59	0.56	58.89	2336	13379
Doebler's	786BVR	115	56.48	15.81	5.53	6.56	26.78	47.16	53.35	0.57	59.92	2410	13326
Augusta	A08-71VT3	119	51.24	16.24	5.68	6.53	30.50	55.40 *	54.47	0.56	59.25	2346	13325
Seed Consultants	SC 11BR58	114	51.72	15.37	5.38	6.91	29.10	51.92	56.15 *	0.58 *	60.97 *	2461 *	13295
Seed Consultants	SC 11H38	112	56.96	15.58	5.45	6.65	28.45	50.17	55.17	0.57	60.56 *	2440 *	13262
T.A. Seeds	TA788-11	117	58.71	15.93	5.57	6.89	27.79	49.35	53.18	0.56	59.46	2376	13241
Seed Consultants	SC 11VTT56	114	53.61	15.83	5.54	6.84	30.72	52.32	53.38	0.56	59.43	2374	13137
Augusta	A08-14RR	119	51.30	15.78	5.52	6.40	30.55	53.32	54.01	0.56	59.40	2360	13020
Augusta	A08-13HX	117	56.55	16.04	5.61	6.26	29.42	52.59	53.07	0.55	58.52	2305	12920
Augusta	A04-102CB	119	50.24	15.55	5.44	6.40	29.35	51.08	54.27	0.56	59.63	2376	12914
T.A. Seeds	TA780-13V	116	56.78	15.54	5.44	6.44	29.28	50.29	52.94	0.56	59.06	2348	12771
Stealth	ST-9615	115	58.40	15.24	5.34	6.45	29.07	49.67	53.04	0.56	59.48	2377	12651
Mid-Atlantic	MA8088VT3	108	61.87	14.78	5.17	6.89	27.17	49.28	54.46	0.57	60.45	2438 *	12620
Augusta	A08-19	109	61.04	15.54	5.44	6.58	27.77	48.49	51.03	0.56	58.49	2321	12599
Augusta	A08-11CB	111	52.26	15.12	5.29	6.70	28.31	50.65	53.28	0.56	59.54	2381	12575
Stealth	ST-9116	116	63.66	14.84	5.19	6.68	28.75	52.31	56.20 *	0.56	60.25	2402	12530
Augusta	A008CBQ	117	54.58	14.44	5.06	6.50	29.66	51.48	55.50 *	0.57	60.36	2418	12163
Seed Consultants	SC 11VTT48	113	60.71	14.51	5.08	7.30 *	28.86	50.26	52.64	0.56	59.35	2375	12056
Mid-Atlantic	MA5151CB	115	55.92	14.68	5.14	6.48	30.90	55.67 *	55.74 *	0.56	59.67	2362	12056
DEKALB	DKC64-24(VT3)	114	59.03	13.93	4.88	7.01 *	26.18	46.96	54.12	0.58 *	60.79 *	2472 *	12029
Seed Consultants	SC 11MT45	114	56.78	14.36	5.03	6.78	27.46	47.74	52.73	0.57	59.59	2391	11987
T.A. Seeds	TA777-11	115	57.15	14.35	5.02	6.58	28.49	49.65	52.27	0.56	59.35	2378	11907
Augusta	A06-07CBLL	107	58.97	14.07	4.92	6.58	26.94	48.12	53.16	0.56	59.54	2379	11689

**Table 11. 2008 Corn Silage Test Results at the Southern Piedmont Site**

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	-----%-----				Mcal/lb	%	lb milk/ton	lb milk/acre
DEKALB	RX785VT3	113	58.88	13.85	4.85	6.44	28.32	50.54	53.12	0.57	59.68	2394	11587
Augusta	A04-94CB	118	48.41	13.96	4.89	7.42 *	32.15 *	55.85 *	55.70 *	0.56	59.76	2369	11568
Stealth	ST-9313	113	59.20	13.86	4.85	6.70	30.23	52.49	53.86	0.56	59.10	2340	11325
Mid-Atlantic	MA8105VT3	105	51.71	13.49	4.72	7.13 *	28.72	50.48	53.88	0.57	59.91	2403	11299
Seed Consultants	SCS 1139	112	53.64	12.80	4.48	6.92	27.80	49.95	56.35 *	0.58 *	61.73 *	2519 *	11248
DEKALB	RX674VT3	109	60.64	13.16	4.61	6.79	28.08	49.95	54.20	0.57	60.34	2433 *	11218
DEKALB	DKC63-42(VT3)	113	58.24	12.62	4.42	6.37	27.18	48.24	52.19	0.56	59.47	2387	10543
	Site Average		56.03	15.80	5.53	6.67	29.26	51.46	54.16	0.56	59.82	2393	13216
	LSD (.10)		4.71	2.59	0.91	0.47	2.20	3.59	2.73	0.01	1.59	98	2153
	CV		7.19	14.03	14.03	6.03	6.44	5.97	4.30	2.04	2.27	3	14

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).



Table 12. Two-Year Average Corn Silage Test Results (2007 & 2008) at the Southern Piedmont Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	-----%-----				Mcal/lb	%	lb milk/ton	lb milk/acre
Pioneer	33V16 (YGCB/RR2)	115	53.52	15.38	* 5.38 *	6.98	29.55	53.81	* 57.62 *	0.61	63.46	* 2512 *	14108 *
Seed Consultants	SC 11BR97	119	44.87	15.67	* 5.49 *	7.70	29.62	53.24	* 57.19 *	0.61	63.77	* 2586 *	14044 *
Pioneer	31G71 (HX/LL/RR2)	119	52.38	16.09	* 5.63 *	6.95	30.38	* 55.15 *	55.42	0.60	62.37	2396	13454 *
Pioneer	31R87 (RR2)	120	47.09	15.20	* 5.32 *	6.60	30.87	* 54.92 *	55.53	0.60	62.18	2476	13259 *
Augusta	A-06-10HX	113	44.46	14.74	* 5.16 *	7.80	29.84	* 54.50 *	56.16	0.61	62.83	* 2537 *	12958 *
DEKALB	DKC67-87(RR2/YGCB)	117	47.21	15.05	* 5.27 *	6.93	31.40	* 55.96 *	55.55	0.60	62.30	2462	12899 *
Augusta	A-04-102CB	119	44.36	14.60	* 5.11 *	7.16	28.60	52.48	55.61	0.61	63.31	* 2517 *	12785 *
Augusta	A06-02HX	119	45.78	14.95	* 5.23 *	7.45	30.68	* 56.07 *	54.84	0.60	61.92	2382	12327
Seed Consultants	SC 11MT45	114	50.04	14.16	* 4.95 *	7.22	28.04	50.27	55.57	0.61	63.11	* 2492 *	12231
T.A. Seeds	TA777-11	115	50.99	14.41	* 5.05 *	7.39	27.52	49.91	53.47	0.62	63.49	* 2425 *	12148
Augusta	A-06-33RRCB	118	43.47	13.83	4.84	7.54	* 29.91 *	52.80	54.79	0.61	62.41	2543	* 12114
Augusta	A5175CB	107	49.83	13.91	4.87	7.46	* 28.91 *	52.10	54.94	0.61	62.87	* 2499 *	12085
Augusta	A06-07CBLL	107	49.28	13.54	4.74	7.27	27.51	49.40	53.94	0.61	63.22	* 2504 *	11827
Augusta	A5338CB	116	46.47	13.46	4.71	7.55	* 28.79 *	52.42	56.49	0.61	63.06	* 2528 *	11712
Mid-Atlantic	MA8088VT3	108	51.62	13.12	4.59	7.23	28.88	53.05	54.28	0.60	62.57	2386	11551
Augusta	A-04-94CB	118	44.09	13.36	4.68	7.82	* 30.59 *	54.96	* 56.38 *	0.61	63.10	* 2482 *	11545
DEKALB	DKC63-42(VT3)	113	50.04	11.99	4.20	7.37	27.12	49.43	53.66	0.62	63.43	* 2466 *	10315
	Site Average		47.97	14.32	5.01	7.33	29.30	52.95	55.37	0.61	62.91	2483	12421
	LSD (.10)		3.30	1.94	0.68	0.40	1.67	2.91	2.02	0.01	0.96	97	1626
	CV		8.28	16.30	16.30	6.55	6.77	6.53	4.33	1.77	1.82	5	16

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

**Table 13. Three-Year Average Corn Silage Test Results (2006, 2007 & 2008) at the Southern Piedmont Site**

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre		%	%		Mcal/lb	%	lb milk/ton	lb milk/acre
Pioneer	33V16 (YGCB/RR2)	115	48.27	18.61 *	6.51 *	7.18	27.18	49.35 *	60.05 *	0.64 *	66.47 *	2789 *	18738 *
Pioneer	31R87 (RR2)	120	43.24	17.30 *	6.06 *	6.93	28.32 *	50.11 *	57.90	0.64 *	65.76 *	2785 *	17431 *
Augusta	A06-02HX	119	42.93	18.05 *	6.32 *	7.54	27.90 *	50.94 *	57.58	0.63	65.07	2672	17366 *
Pioneer	31G71 (HX/LL/RR2)	119	48.20	18.45 *	6.46 *	7.22	27.76 *	50.55 *	58.16	0.63	65.03	2650	17218
Augusta	A04-102CB	119	41.48	16.97	5.94	7.37	26.47	48.44	58.70 *	0.64 *	66.52 *	2801 *	16638
Augusta	A04-94CB	118	40.65	16.95	5.93	7.92 *	28.78 *	51.38 *	58.14	0.64 *	66.16 *	2766 *	16235
Augusta	A06-33RRCB	118	40.54	16.38	5.73	7.67 *	28.10 *	49.40 *	56.72	0.64 *	65.45	2797 *	16189
	Site Average		43.61	17.53	6.14	7.41	27.79	50.03	58.16	0.64	65.77	2750	17091
	LSD (0.10)		2.42	1.53	0.54	0.31	1.35	2.30	1.28	0.01	0.79	78	1490
	CV		8.13	12.81	12.81	5.84	6.67	6.32	3.04	1.79	1.65	4	12

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

Table 14. 2008 Corn Silage Test Results at the Southwestern Virginia Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	%	%	%	Mcal/lb	%	lb milk/ton	lb milk/acre	
Mycogen Seeds	TMF2N804	116	32.22	29.52	10.33 *	6.63	28.24	48.76	56.75	0.68	69.76 *	3163 *	32660 *
Mid-Atlantic	MA8105VT3	105	32.67	27.80	9.73 *	6.90	27.38	48.39	55.25	0.67	68.66 *	3095 *	30116 *
Augusta	A5338CB	116	30.15	27.53	9.64 *	7.21	29.00	49.59	54.73	0.67	68.64 *	3100 *	29925 *
Augusta	A06-10HX	113	31.18	26.35	9.22 *	7.87 *	26.16	47.05	55.80	0.68 *	69.58 *	3163 *	29260 *
Mycogen Seeds	TMF2Q733	113	30.49	25.45	8.91 *	7.26	27.07	47.27	56.94	0.69 *	70.63 *	3234 *	28734 *
Mid-Atlantic	MA8138VT3	113	33.98	28.25	9.89 *	6.55	29.88	51.90	54.49	0.64	66.22	2908	28624 *
Mid-Atlantic	MA8148BIRR	114	32.63	27.01	9.45 *	7.09	30.01	52.26	56.11	0.66	67.92	3024	28580 *
Pioneer	31R87 (RR2)	120	31.40	25.71	9.00 *	6.26	29.04	49.74	57.17	0.68 *	69.81 *	3161 *	28513 *
Augusta	A008CBQ	117	31.35	28.61	10.02 *	6.84	32.04	53.77	54.95	0.63	65.45	2843	28232 *
Pioneer	31G71 (HX/LL/RR2)	119	31.65	26.35	9.22 *	6.88	29.19	51.19	55.07	0.66	68.00	3042	28050
Augusta	A06-15CL	119	29.74	25.33	8.87	7.12	29.58	51.31	57.31	0.67	69.06 *	3100 *	27552
Mid-Atlantic	MA8088VT3	108	32.40	25.40	8.89	7.47 *	26.45	46.27	52.71	0.67	68.01	3070	27347
Augusta	A08-07HX	113	31.37	25.22	8.83	6.96	28.87	50.54	57.35	0.67	69.15 *	3104 *	27337
Augusta	A06-33RRCB	118	32.36	26.63	9.32 *	6.54	31.19	51.94	54.75	0.65	66.67	2944	27281
DEKALB	DKC63-42(VT3)	113	33.81	24.91	8.72	7.37 *	25.82	46.05	53.43	0.67	68.26	3084 *	26883
Augusta	A04-102CB	119	31.31	24.25	8.49	6.92	27.98	48.55	57.06	0.68 *	69.74 *	3156 *	26808
Seed Consultants	SC 11BR58	114	31.32	25.61	8.97 *	7.21	31.58	54.43	56.70 *	0.65	67.29	2965	26633
Doebler's	786BVR	115	32.69	25.11	8.79	6.96	29.50	50.69	54.98	0.66	67.49	3003	26396
Augusta	A04-94CB	118	31.65	24.69	8.64	7.04	29.60	51.43	57.04	0.66	68.47	3055	26390
Mycogen Seeds	TMF2H917	120	27.14	25.53	8.94 *	6.86	33.65 *	57.29 *	56.79 *	0.64	66.77	2919	26078
Augusta	A76-64CB	115	29.93	23.56	8.25	7.85 *	28.01	49.42	55.96	0.68 *	69.29 *	3137 *	25906
Stealth	ST-9615	115	30.03	23.62	8.27	7.01	28.40	48.73	54.99	0.68 *	69.13 *	3135 *	25895
Seed Consultants	SC 11BR97	119	28.85	23.86	8.35	7.32 *	31.40	53.50	57.66	0.66	68.63 *	3059	25574
Augusta	A08-13HX	117	28.80	25.48 *	8.92 *	6.99	31.29	53.33	50.96	0.64	65.03	2865	25486
Mid-Atlantic	MA5141	114	32.84	24.47	8.57	6.15	29.72	50.95	55.06	0.66	67.16	2974	25455
Augusta	A08-11CB	111	31.42	24.96	8.74	6.56	31.00	53.22	53.75	0.64	66.15	2912	25427
DEKALB	DKC61-69(VT3)	111	31.74	23.41	8.20	7.52 *	27.74	48.71	54.56	0.67	68.59 *	3094 *	25394
T.A. Seeds	TA788-11	117	31.54	22.73	7.96	7.21	26.84	46.94	54.17	0.68 *	69.15 *	3148 *	25024
Mid-Atlantic	MA8150VT3	115	29.20	23.06	8.07	6.87	30.24	51.51	56.38	0.67	68.70 *	3080 *	24897
Southern States	SS 998 HX/LL	125	28.42	25.05	8.77	6.60	35.85 *	60.30 *	56.61 *	0.63	65.37	2813	24726
Stealth	ST-9116	116	32.16	23.01	8.05	6.87	27.53	48.69	53.76	0.67	68.09	3067	24677
Caverndale Farms	CF 961 RR2	120	32.17	23.50	8.22	6.95	30.07	53.19	55.10	0.66	67.27	2983	24625
Caverndale Farms	CF 914 YGV/Triple	118	30.67	22.96	8.04	7.13	29.72	51.39	55.52	0.67	68.31	3060	24619
Mid-Atlantic	MA5158	115	29.52	23.02	8.06	7.06	30.73	52.24	55.60	0.66	68.02	3039	24476
Seed Consultants	SC 11VTT86	118	28.70	23.10	8.09	6.78	32.24	54.82	57.09 *	0.65	67.86	3004	24237
DEKALB	DKC67-87(YGCB/RR2)	117	31.83	23.71	8.30	7.30 *	32.13	54.79	54.88 *	0.64	66.12	2896	24118
Seed Consultants	SC 11VTT56	114	31.12	22.63	7.92	7.18	30.45	51.93	55.30	0.66	67.82	3027	24026
Augusta	A08-14RR	119	29.99	23.98	8.39	6.76	32.83 *	55.75 *	54.14	0.63	65.33	2844	23920
DEKALB	RX785VT3	113	31.36	22.22	7.78	7.19	29.22	50.94	55.04	0.67	68.15	3057	23753
Pioneer	33V16 (YGCB/RR2)	115	30.28	22.42	7.85	6.96	31.33	53.85	56.68	0.66	67.99	3021	23723
Augusta	A08-71VT3	119	29.87	23.22	8.13	7.14	31.40	55.18	54.73	0.64	66.11	2898	23606
Augusta	A5175CB	107	31.19	21.82	7.64	7.01	28.24	48.99	54.36	0.67	68.25	3072	23579
Seed Consultants	SC 11BR89	113	30.57	22.58	7.90	7.31 *	29.83	50.78	52.28	0.66	66.62	2970	23470
Mid-Atlantic	MA5156GT/CBLL	115	32.85	23.08	8.08	7.01	30.34	52.71	52.98	0.64	65.75	2892	23402
Seed Consultants	SC 11H38	112	29.97	22.21	7.78	7.26	32.21	54.82	56.33 *	0.65	67.47	2982	23185
Seed Consultants	SC 11MT45	114	30.47	21.11	7.39	6.95	28.62	48.80	54.75	0.68 *	68.92 *	3122 *	23048
Stealth	ST-9313	113	29.66	20.60	7.21	7.22	26.51	46.74	56.28	0.68 *	69.71 *	3165 *	22740
DEKALB	DKC64-24(VT3)	114	29.79	20.55	7.20	7.49 *	27.75	47.40	53.98	0.68 *	69.18 *	3150 *	22735
Seed Consultants	SC 11VTT48	113	29.09	21.26	7.44	7.40 *	28.68	49.61	54.87	0.67	68.17	3060	22719

Table 14. 2008 Corn Silage Test Results at the Southwestern Virginia Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre					Mcal/lb	%	lb milk/ton	lb milk/acre
Seed Consultants	SCS 1139	112	31.18	20.22	7.08	7.12	28.47	49.65	58.01	0.68	* 70.19	* 3180	* 22510
Doebler's	771XRR	114	30.68	21.34	7.47	7.31	* 30.46	52.91	55.90	0.66	67.68	3009	22494
Augusta	A08-19	109	33.71	21.82	7.64	6.63	29.56	49.81	52.26	0.65	65.99	2914	22304
Augusta	A06-07CBLL	107	32.48	20.53	7.18	7.14	27.81	49.02	55.21	0.67	68.10	3049	21866
T.A. Seeds	TA780-13V	116	28.86	20.41	7.14	7.45	* 29.81	50.51	54.03	0.67	67.91	3050	21769
Augusta	A06-02HX	119	28.83	21.02	7.36	6.61	30.16	51.87	52.86	0.66	66.69	2969	21689
T.A. Seeds	TA777-11	115	30.22	19.88	6.96	6.95	31.87	54.22	54.12	0.65	66.41	2932	20358
DEKALB	RX674VT3	109	32.03	18.69	6.54	7.12	28.21	48.08	53.16	0.67	67.74	3046	19948
Mid-Atlantic	MA5151CB	115	29.79	18.90	6.62	7.61	* 30.82	53.54	55.35	0.66	67.35	2989	19793
	Site Average		30.93	23.72	8.30	7.05	29.65	51.16	55.17	0.66	67.86	3031	25148
	LSD (0.10)		3.24	4.11	1.44	0.58	3.32	4.80	2.25	0.02	2.08	155	4465
	CV		8.93	14.78	14.78	6.99	9.55	7.99	3.48	3.09	2.61	4	15

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

Table 15. Two-Year Average Corn Silage Test Results (2007 & 2008) at the Southwest Virginia Site

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	-----%-----				Mcal/lb	%	lb milk/ton	lb milk/acre
Pioneer	31R87 (RR2)	120	40.09	22.57 *	7.90 *	6.37	26.25	46.16	57.34 *	0.69 *	70.03 *	2505 *	21362 *
Mid-Atlantic	MA8088VT3	108	38.21	25.56 *	8.95 *	7.15 *	26.56	47.13	54.55	0.67	67.81	2113	21104 *
Pioneer	31G71 (HX/LL/RR2)	119	35.30	24.60 *	8.61 *	6.80	29.40	51.39	56.28	0.66	67.35	2317	20833 *
Augusta	A-06-10HX	113	38.75	25.34 *	8.87 *	7.34 *	24.92	45.29	57.11 *	0.68 *	69.42 *	2270	20730 *
Augusta	A-04-102CB	119	38.56	23.30 *	8.15 *	6.84	26.40	47.17	59.21 *	0.68 *	69.30 *	2232	20268 *
Augusta	A-04-94CB	118	39.43	21.79	7.63	7.05 *	27.49	48.62	57.37 *	0.67	68.72 *	2386 *	19985 *
DEKALB	DKC63-42(VT3)	113	39.37	22.90 *	8.02 *	6.86	27.48	48.52	54.46	0.66	67.34	2088	19888 *
Augusta	A5338CB	116	33.61	23.93 *	8.38 *	6.59	30.91 *	51.92 *	56.48	0.65	66.79	2151	19621 *
Pioneer	33V16 (YGCB/RR2)	115	38.06	23.71 *	8.30 *	6.72	30.48 *	52.72 *	56.64	0.66	67.51	2268	18477 *
DEKALB	DKC67-87(RR2/YGCB)	117	35.61	23.11 *	8.09 *	6.83	33.38 *	56.27 *	55.23	0.64	65.12	2098	17392
Seed Consultants	SC 11BR97	119	36.42	20.70	7.24	6.94 *	29.89 *	52.09 *	58.46 *	0.66	67.69	2070	16302
Seed Consultants	SC 11MT45	114	36.57	20.36	7.13	6.56	29.29	49.84	55.13	0.67	67.62	2115	15441
Augusta	A06-07CBLL	107	38.23	21.76	7.61	6.59	28.66	49.64	55.17	0.66	67.23	2066	15253
Augusta	A5175CB	107	40.15	18.65	6.53	6.79	26.74	46.98	56.27	0.67	68.25 *	2061	14772
	Site Average		37.83	22.65	7.93	6.82	28.36	49.47	56.42	0.67	67.88	2188	18521
	LSD (.10)		4.05	3.60	1.26	0.45	3.60	4.76	2.20	0.02	1.80	176	3441
	CV		11.95	17.48	17.47	7.19	13.92	10.55	4.28	3.21	2.91	9	20

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

**Table 16. Three-Year Average Corn Silage Test Results (2006, 2007 & 2008) at the Southwest Virginia Site**

Brand	Hybrid	DTM <sup>1</sup>	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE <sub>L</sub>	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre					Mcal/lb	%	lb milk/ton	lb milk/acre
Augusta	A-04-102CB	119	43.11	24.35 *	8.52 *	7.32 *	24.09	43.52	59.93 *	0.67 *	68.63 *	2450	22566 *
Pioneer	31G71 (HX/LL/RR2)	119	43.40	24.84 *	8.69 *	7.38 *	26.29 *	46.61 *	57.85 *	0.65 *	67.30 *	2534 *	22102 *
Augusta	A-04-94CB	118	42.74	23.35 *	8.17 *	7.23 *	26.62 *	47.15 *	57.63 *	0.67 *	68.31 *	2456	21666 *
Pioneer	33V16 (YGCB/RR2)	115	43.78	24.73 *	8.65 *	7.30 *	26.26 *	46.33 *	58.70 *	0.66 *	67.63 *	2456	20957 *
Pioneer	31R87 (RR2)	120	42.18	22.00 *	7.70 *	6.81	26.32 *	45.59 *	57.08	0.66	67.91 *	2585 *	20871 *
	Site Average		43.03	23.84	8.35	7.21	25.84	45.73	58.31	0.66	67.96	2498	21647
	LSD (0.10)		3.15	3.66	1.28	0.41	2.47	3.41	2.01	0.01	1.19	112	4341
	CV		9.48	19.66	19.65	6.86	11.61	9.06	4.18	2.15	2.10	5	24

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

\* Indicates numbers not significantly different from the highest value in that column (i.e. within one LSD of the top performer).

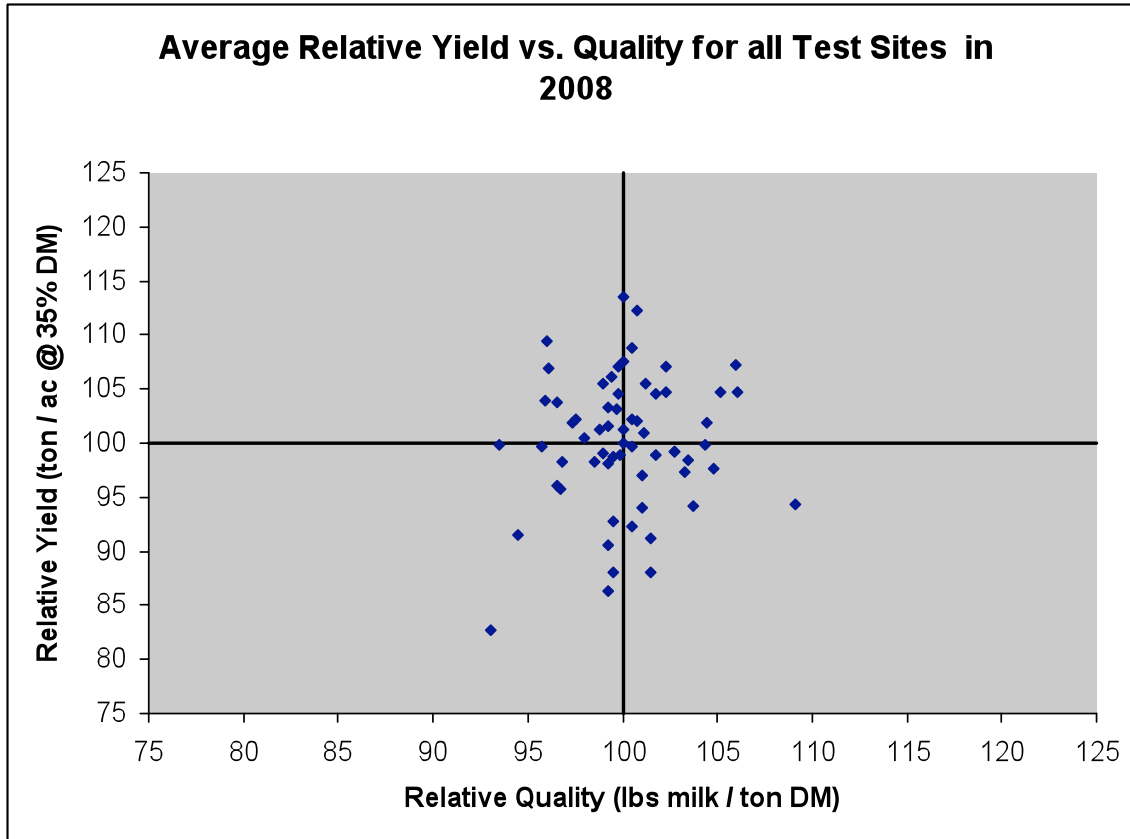
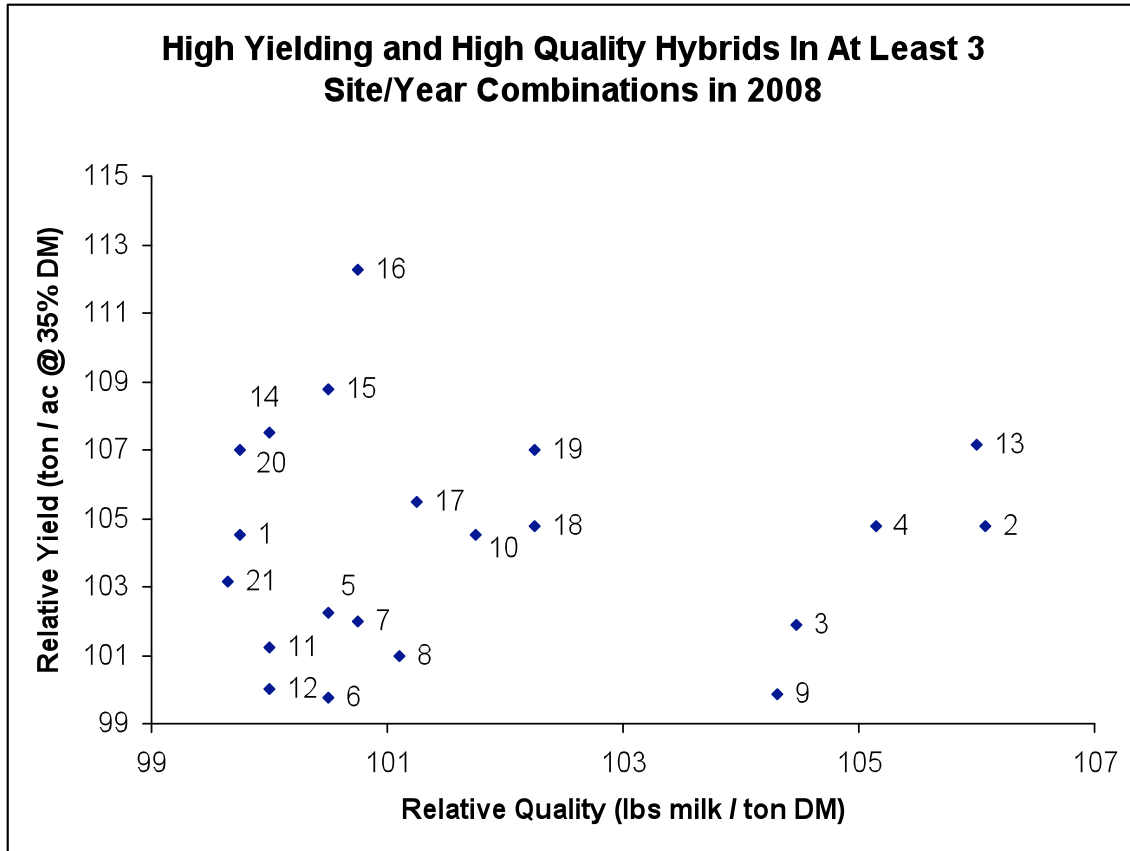


Figure 1. Average relative yield versus quality across all test sites in 2008



Point ID	Brand	Hybrid
1	Augusta	A008CBQ
2	Augusta	A04-102CB
3	Augusta	A04-94CB
4	Augusta	A06-10HX
5	Augusta	A06-15CL
6	Augusta	A08-11CB
7	Augusta	A08-14RR
8	Augusta	A5175CB
9	Augusta	A5338CB
10	DEKALB	DKC61-69(VT3)
11	Doebler's	771XRR
12	Doebler's	786BVR
13	Hyttest	HT 7891 VT3
14	Mid-Atlantic	MA8105VT3
15	Mid-Atlantic	MA8138VT3
16	Mid-Atlantic	MA8148BtRR
17	Mid-Atlantic	MA8150VT3
18	Mycogen Seeds	TMF2N804
19	Mycogen Seeds	TMF2Q733
20	Seed Consultants	SC 11VTT86
21	T.A. Seeds	TA780-13V

Figure 2. High yielding and high quality hybrids that appeared in at least 3 site/year combinations in 2008