Virginia Corn & Small Grain Management

Virginia Corn Silage Testing 2006

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The 2006 Virginia Corn Silage Hybrid Trials

The 2006 Virginia Corn Silage Hybrid Trials

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Companies Participating in the 2006 Corn Silage Trials

Company	Brand	Address
Augusta Seed Corp.	Augusta	473 Tisdale Farm Lane, Staunton, VA 24401
Baldridge Hybrids	Baldridge Hybrids	Po Box 99, Cherry Fork, OH 45618
Clark Seed	Clark	Po Box 219, Kenton, DE 19955
Doeblers Pa Hybrids, Inc.	Doeblers	202 Tiadaghton Avenue, Jersey Shore, PA 17740
Garst Seed Co.	Garst	2369 330th Street, Slater, IA 50244
Hubner Seed Co.	Hubner	10280 W. State Road 28, West Lebanon, IN 47991
Land Olakes Seed	Croplan Genetics	2827 8th Avenue, South Fort Dodge, IA 50501
Mid-atlantic Seeds	Mid-atlantic	204 St. Charles Way #163 E, York, PA 17402
Monsanto	Dekalb & Asgrow	800 N. Lindbergh Boulevard, St Louis, MO 63167
Mycogen Seeds	Mycogen Seeds	9330 Zionsville Road, Indianapolis, IN 46268
NK Brand Seeds (A Syngenta Co.)	NK Brand	Po Box 959, Minneapolis, MN 55440
Pioneer Hi-bred Int'l, Inc.	Pioneer	7501 Memorial Parkway SW, Suite 205, Huntsville, AL 35802
Royster-clark, Inc.	Vigoro Seeds	717 Robinson Road SE, Washington Court House, OH 43160
Seed Consultants, Inc.	Seed Consultants	Po Box 370, Washington Court House, OH 43160
Southern States Coop., Inc.	Southern States	6606 West Broad Street, Richmond, VA 23230
T.A. Seeds	T.A. Seeds	Po Box 300, Avis, PA 17721

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Narrative

This report contains the results for performance trials from commercial corn hybrids produced for silage at four locations in Virginia in 2006 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 percent 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 among 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 percent confidence). Differences less than the LSD are assumed not to be real differences with 90 percent 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 2006, 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 among 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 above-average yields. Relative yields less than 100 indicate below-average yields. 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 percent 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 by quality ratings were calculated.

Milk2006 is a system developed by University of Wisconsin researchers to simplify quality comparisons among 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 among 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.

2006 Virginia Corn Silage Plot Information

(Rates are on a per acre basis.)

Southern Piedmont at Southern Piedmont Agricultural Research and Extension Center at Blackstone

Planted: April 19, 2006
Harvested: August 18, 2006
Pesticide: 4.5 lb Force 3G® at planting; 1.5 pt Dual II Magnum® + 7 oz Callisto® April 20, 2006.
Fertilizer: 100-100-100 preplant incorporated; 20 gal 15-15-0-2S-.83B-.33Zn at planting; 80 lb N June 2, 2006.
Plot Size: 2 rows 25' x 30", 4 replications
Soil Type: Dothan-Norfolk complex
Cooperator: Ned Jones

Southwest/Mountain at Washington County (Thanks to Johnny Robinson)

Planted: May 17, 2006
Harvested: October 16, 2006
Pesticide: 3 qt Lumax®
Insecticide: 2.5 oz Warrior®
Fertilizer: 160-35-240 + 2 tons lime preplant; 20 gal 15-15-0-2S-.83B-.33Zn at planting
Plot Size: 2 rows 35' x 30", 4 replications
Soil Type: Wyrick-Marbie
Cooperators: Phil Blevins and Johnny Robinson

Shenandoah Valley at Shenandoah County (Thanks to Jonathon Day and Trissel Equipment)

Planted: May 2, 2006
Harvested: August 23, 2006
Pesticide: 2 qt Roundup® + 1.5 qt Aatrex® + 2 qt Lumax® + 1 qt Princep® preplant + 4.5 lb Force 3G® at planting
Fertilizer: 20 gal 15-15-0-2S-.83B-.33Zn at planting; 180 lb N using granular urea preplant.
Plot Size: 2 rows 25' x 30", 4 replications
Soil Type: Coursey loam
Cooperators: Bobby Clark, Jonathon Day, and Trissel Equipment

Northern Piedmont at Northern Piedmont Agricultural Research and Extension Center at Orange

Planted: May 1, 2006
Harvested: August 15, 2006
Pesticide: 2.5 qt Lumax® + 1 qt atrazine preplant incorporated May 1, 2006.
Fertilizer: 100-120-0 preplant incorporated May 1, 2006; 100 lb N sidedressed June 9, 2006.
Plot Size: 2 rows 25' x 30", 4 replications
Soil Type: Davidson silty clay loam
Cooperators: D.E. Starner, S.A. Gulick, and W.A. Hood

Table 1. List of Hybrids Ranged by Company in the 2006 Virginia Tech Corn Silage Hybrid Test.

BRAND	HYBRID	IST[1]	GT[2]	DTM per Co.[3]	Obs
ASGROW	RX785RR2/YGCB	PL	CB/GY	113	4
AUGUSTA	A-04-102	PL		118	4
	A-06-02HX	PL	CB/GU	116	4
	A-06-03HX	PL	CB/GU	111	4
	A-06-04HX	PL	CB/GU	113	4
	A-06-13	PL		114	4
	A5337	PL		113	4
	A5338	PL		116	4
	T-05-27CB	PL	CB	118	4
BALDRIDGE	BH 540hp			112	1
	BH 609			112	2
	BH 705			119	1
CLARK	CL 917	PH	CB/GY	117	2
CROPLAN GENETICS	691 BT/LL	C	CB/GU	113	2
	827 RR2	C	GY	118	2
	851 TS	C	CB/GY/RW	118	2
	DS822 RR2/BT	C	CB/GY	119	2
DEKALB	DKC61-22(RR2)	PL	GY	111	4
	DKC61-68(RR2/YGRW)	PL	GY/RW	111	4
	DKC63-39(RR2/YGPL)	PL	CB/GY/RW	113	4
	DKC64-81(YGCB)	PL	CB	114	4
	DKC66-23(RR2/YGCB)	PL	CB/GY	116	4
	DKC67-23(RR2/YGCB)	PL	CB/GY	117	4
DOEBLERS	648RYG	PL	CB/GY	111	8
	731XY	PL		115	4
	761BDT	PL	CB	116	8
	784XYG	PL	CB	117	8
	S707Q	PL		115	8
GARST	8247YG1	C	CB	117	3
	8294YG1/IT	C	CB/IT	118	3
	8313CB/LL	C	CB/GU	114	3
	8378YG1	C	CB	114	3
	8380IT	C	IT	114	3
HUBNER	H3838RR	PH	GY	118	8
	H4808Bt	PH	CB	115	8
	H4825CB	PH	CB	118	4
MID-ATLANTIC SEEDS	MA7136BtCRW	PL	CB/RW	113	4
	MA7150Bt/CRW/RR	PL	CB/GY/RW	115	4
	MA7156Bt	PL	CB	115	4
	MA7197Bt/RR	PL	CB/GY	119	8
	MA8088RR	PL	GY	108	4
	MA8146Bt/RR	PL	CB/GY	114	4
	MA9152	PL		115	8
	MA9189Bt/RR	PL	CB/GY	118	4

[1]Insecticidal Seed Treatment (IST) PL = Poncho 250®, PH = Poncho 1250®, C = Cruiser®.

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

[3]Days to maturity provided by company; differences in maturity rating methods may exist among companies.

Table 1. List of Hybrids Ranged by Company in the 2006 Virginia Tech Corn Silage Hybrid Test. (cont.)

BRAND	HYBRID	IST[1]	GT[2]	DTM per Co.[3]	Obs
MYCOGEN SEEDS	2Q731	C	CB/GU	112	1
	2T780	C	CB/GU	114	2
	F2F699	C	CB/GU	113	1
NK BRAND SEEDS	1851W	C		118	4
	N65-C5	C	CB	109	1
	N72-G8	C		112	3
	N76-M5	C	CB	115	4
	N76-Y4	C	CB	114	3
	N78-D6	C	GY	115	3
	N82-A7	C	CB	118	4
	N82-J6	C	CB/GU	116	5
	N91-J1	C	CB/GU	124	7
PIONEER BRAND	31G71	PL	CB/GY/GU	116	4
	31R87	PL	GY	118	8
	33M53	PL	GY	112	4
	33V16	PL	CB/GY	116	4
	34B24	PL	CB	111	6
SEED CONSULTANTS	SC1195	C		119	6
	SC11B45	C	CB	114	4
	SC11B55	C	CB	115	4
	SC11BR46	C	CB/GY	116	3
	SC11BR77	C	CB/GY	117	3
	SC11BR96	C	CB/GY	118	3
	SC11RR86M	C	GY	118	3
SOUTHERN STATES	791CL	PL		116	4
	842RR2YG	PH	CB/GY	120	8
T.A. SEEDS	TA686-03	PL	CB/GY	113	3
	TA780-13	PL	CB/GY/RW	117	2
	TA7911	PL	CB	117	2
TRISLER BY AUGUSTA	T04-102CB	PL	CB	118	5
	T-04-103RRCB	PL	CB/GY	119	4
	T-04-105RR	PL	GY	119	8
	T-04-51RRCB	PL	CB/GY	118	4
	T04-69CBCRW	PL	CB/RW	111	4
	T-04-94RRCB	PL	CB/GY	119	8
	T-06-14CB	PL	CB	119	4
	T-06-15RRCB	PL	CB/GY	119	4
	T-06-33RRCB	PL	CB/GY	118	4
	T5337PLRR	PL	CB/GY/RW	113	4
	T5338PLRR	PL	CB/GY/RW	116	4
VATECH	BMR101			115	4
VIGORO	V58Y41	C	CB	117	8
	V59YR52	C	CB/GY	119	8
	V62R66	C	GY	121	4

[1]Insecticidal Seed Treatment (IST) PL = Poncho 250®, PH = Poncho 1250®, C = Cruiser®.

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

[3]Days to maturity provided by company; differences in maturity rating methods may exist among companies.

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

Brand	Hybrid	ID	DTM per Co.[1]	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain 2006	Southwest / Mountain 2005	Multi-Site Average	Number of Obs.[2]
				Relative Ton per Acre[3]									
NK BRAND SEEDS	1851W	8045	118	118 *	-	113 *	-	122 *	-	123 *	-	119	4
TRISLER BY AUGUSTA	T-06-15RRCB	5888	119	106	-	111 *	-	119 *	-	139 *	-	119	4
GARST	8247YG1	4103	117	115 *	-	109 *	-	-	-	131 *	-	118	3
TRISLER BY AUGUSTA	T-04-51RRCB	5883	118	104	-	102	-	120 *	-	112	-	109	4
AUGUSTA	T-05-27CB	5864	118	98	-	112 *	-	106	-	121 *	-	109	4
PIONEER BRAND	31G71	5049	116	118 *	-	111 *	-	110	-	98	-	109	4
PIONEER BRAND	33V16	5046	116	106	-	107	-	119 *	-	104	-	109	4
TRISLER BY AUGUSTA	T04-102CB	4484	118	106	-	110 *	-	103	-	101	122 *	108	5
SEED CONSULTANTS	SC11B55	4553	115	106	109	110 *	108 *	-	-	-	-	108	4
SEED CONSULTANTS	SC11BR96	4568	118	106	-	109 *	-	-	-	107	-	107	3
MID-ATLANTIC SEEDS	MA9189Bt/RR	6085	118	104	-	99	-	112 *	-	114	-	107	4
SEED CONSULTANTS	SC11RR86M	4571	118	102	-	106	-	-	-	111	-	106	3
AUGUSTA	A-06-02HX	5868	116	105	-	113 *	-	115 *	-	91	-	106	4
SEED CONSULTANTS	SC1195	4556	119	104	104	106	108 *	-	-	102	112 *	106	6
TRISLER BY AUGUSTA	T-04-94RRCB	4495	119	108	91	103	104	115 *	103	112	108 *	106	8
HUBNER	H4825CB	4181	118	99	-	105	-	101	-	115	-	105	4
MID-ATLANTIC SEEDS	MA9152	6071	115	97	107	100	110 *	99	113 *	106	109 *	105	8
SEED CONSULTANTS	SC11B45	4551	114	95	116	103	105	-	-	-	-	105	4
GARST	8380IT	4108	114	107	-	102	-	-	-	104	-	104	3
PIONEER BRAND	31R87	5083	118	118 *	112	107	93	102	102	81	113 *	103	8
TRISLER BY AUGUSTA	T-04-103RRCB	5890	119	113 *	-	106	-	108	-	87	-	103	4
PIONEER BRAND	33M53	5047	112	109	-	107	-	92	-	104	-	103	4
VIGORO	V62R66	4403	121	97	107	-	-	111	97	-	-	103	4
PIONEER BRAND	34B24	5043	111	104	101	100	97	-	-	110	98	102	6
MID-ATLANTIC SEEDS	MA7156Bt	6081	115	88	-	104	-	107	-	108	-	102	4
HUBNER	H3838RR	4180	118	88	100	100	99	109	108	104	105	102	8
VIGORO	V59YR52	4402	119	92	96	90	103	101	110	117 *	104	101	8

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two-site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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).

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

Brand	Hybrid	ID	DTM per Co.[1]	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain 2006	Southwest / Mountain 2005	Multi-Site Average	Number of Obs.[2]
				----------Relative Ton per Acre[3]----------									
AUGUSTA	A-06-03HX	5869	111	113 *	-	102	-	102	-	88	-	101	4
SEED CONSULTANTS	SC11BR77	4565	117	104	-	97	-	-	-	103	-	101	3
NK BRAND SEEDS	N82-J6	8033	116	103	106	102	-	-	-	95	101	101	5
MID-ATLANTIC SEEDS	MA7136BtCRW	6077	113	95	-	98	-	95	-	117 *	-	101	4
SEED CONSULTANTS	SC11BR46	4567	116	107	-	106	-	-	-	90	-	101	3
TRISLER BY AUGUSTA	T-06-33RRCB	5891	118	117 *	-	95	-	102	-	90	-	101	4
MID-ATLANTIC SEEDS	MA7197Bt/RR	6070	119	99	92	100	97	102	109	107	101	101	8
GARST	8378YG1	4107	114	104	-	101	-	-	-	97	-	101	3
DOEBLERS	S707Q	5182	115	105	108	103	107 *	99	90	94	98	101	8
AUGUSTA	A5338	8116	116	100	-	99	-	103	-	100	-	100	4
SOUTHERN STATES	842RR2YG	8353	120	95	109	101	97	105	99	89	108 *	100	8
SOUTHERN STATES	791CL	8357	116	104	-	100	-	91	-	106	-	100	4
TRISLER BY AUGUSTA	T5337PLRR	5889	113	115 *	-	100	-	92	-	91	-	99	4
HUBNER	H4808Bt	4179	115	101	94	103	97	94	106	119 *	82	99	8
AUGUSTA	A-06-13	5863	114	105	-	98	-	91	-	103	-	99	4
MID-ATLANTIC SEEDS	MA7150Bt/CRW/RR	6078	115	82	-	100	-	108	-	107	-	99	4
DEKALB	DKC66-23(RR2/ YGCB)	4229	116	96	-	99	-	93	-	109	-	99	4
DEKALB	DKC61-22(RR2)	4225	111	104	-	97	-	97	-	97	-	99	4
DEKALB	DKC61-68(RR2/ YGRW)	4226	111	98	-	93	-	87	-	118 *	-	99	4
TRISLER BY AUGUSTA	T5338PLRR	5892	116	88	-	95	-	109	-	103	-	99	4
NK BRAND SEEDS	N91-J1	8020	124	103	89	105	-	92	103	99	96	98	7
TRISLER BY AUGUSTA	T-04-105RR	5851	119	93	114	95	117 *	98	82	94	89	98	8
AUGUSTA	A-04-102	5877	118	97	-	97	-	92	-	105	-	98	4
TRISLER BY AUGUSTA	T04-69CBCRW	5896	111	98	-	91	-	91	-	110	-	98	4
GARST	8294YG1/IT	4102	118	104	-	93	-	-	-	96	-	97	3

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two-site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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).

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

Brand	Hybrid	ID	DTM per Co.[1]	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain 2006	Southwest / Mountain 2005	Multi-Site Average	Number of Obs.[2]
				Relative Ton per Acre[3]									
DEKALB	DKC67-23(RR2/ YGCB)	4230	117	106	-	105	-	80	-	99	-	97	4
GARST	8313CB/LL	4106	114	106	-	104	-	-	-	82	-	97	3
MID-ATLANTIC SEEDS	MA8088RR	6084	108	105	-	99	-	93	-	89	-	97	4
VIGORO	V58Y41	4467	117	93	101	88	106	90	102	101	92	97	8
MID-ATLANTIC SEEDS	MA8146Bt/RR	6080	114	108	-	98	-	100	-	77	-	96	4
DOEBLERS	761BDT	5188	116	96	110	94	96	90	94	88	98	96	8
ASGROW	RX785RR2/YGCB	4016	113	97	-	90	-	98	-	97	-	96	4
DOEBLERS	648RYG	5192	111	86	99	91	88	97	103	115	83	95	8
AUGUSTA	A-06-04HX	5870	113	103	-	98	-	104	-	74	-	95	4
NK BRAND SEEDS	N76-M5	8036	115	101	-	95	-	100	-	83	-	95	4
TRISLER BY AUGUSTA	T-06-14CB	5867	119	96	-	102	-	92	-	87	-	94	4
AUGUSTA	A5337	8137	113	87	-	103	-	96	-	90	-	94	4
NK BRAND SEEDS	N82-A7	8044	118	97	-	88	-	87	-	100	-	93	4
DEKALB	DKC64-81(YGCB)	4228	114	90	-	93	-	91	-	98	-	93	4
DOEBLERS	784XYG	5191	117	94	78	99	94	95	98	97	92	93	8
VATECH	BMR101	1004	115	91	-	102	-	86	-	91	-	93	4
DEKALB	DKC63-39(RR2/ YGPL)	4227	113	81	-	92	-	85	-	108	-	92	4
T.A. SEEDS	TA686-03	4517	113	93	-	93	-	88	-	-	-	91	3
DOEBLERS	731XY	5195	115	99	-	91	-	93	-	81	-	91	4
NK BRAND SEEDS	N78-D6	8962	115	99	-	96	-	-	-	75	-	90	3
NK BRAND SEEDS	N72-G8	8037	112	84	-	80	-	-	-	104	-	89	3
NK BRAND SEEDS	N76-Y4	8961	114	97	-	88	-	-	-	81	-	89	3
MYCOGEN SEEDS	2Q731	8226	112	123 *	-	-	-	-	-	-	-	123	1
CLARK	CL 917	8250	117	-	-	117 *	-	116 *	-	-	-	117	2

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two-site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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).

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

Brand	Hybrid	ID	DTM per Co.[1]	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain 2006	Southwest / Mountain 2005	Multi-Site Average	Number of Obs.[2]
				Relative Ton per Acre[3]									
MYCOGEN SEEDS	2T780	8223	114	107	122 *	-	-	-	-	-	-	114	2
CROPLAN GENETICS	851 TS	3976	118	120 *	-	90	-	-	-	-	-	105	2
T.A. SEEDS	TA7911	4519	117	108	-	-	-	99	-	-	-	103	2
CROPLAN GENETICS	827 RR2	3980	118	100	-	106	-	-	-	-	-	103	2
T.A. SEEDS	TA780-13	4511	117	-	-	96	105	-	-	-	-	100	2
NK BRAND SEEDS	N65-C5	8038	109	-	-	-	-	98	-	-	-	98	1
CROPLAN GENETICS	DS822 RR2/BT	3979	119	97	-	98	-	-	-	-	-	97	2
CROPLAN GENETICS	691 BT/LL	3975	113	96	-	89	-	-	-	-	-	92	2
BALDRIDGE	BH 540hp	4155	112	81	-	-	-	-	-	-	-	81	1
MYCOGEN SEEDS	F2F699	8228	113	78	-	-	-	-	-	-	-	78	1
BALDRIDGE	BH 705	4151	119	78	-	-	-	-	-	-	-	78	1
BALDRIDGE	BH 609	4174	112	72	82	-	-	-	-	-	-	77	2

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two-site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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).

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

Brand	Hybrid	DTM per Co.1	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain[4] 2006	Southwest / Mountain[4] 2005	Multi-Site Average	Number of Obs.[2]
			Relative Milk per Ton[3]									
VATECH	BMR101	115	113 *	-	117 *	-	107 *	-	105 *	-	110	4
AUGUSTA	A5338	116	109	-	109	-	105 *	-	103 *	-	106	4
GARST	8294YG1/IT	118	107	-	102	-	-	-	103 *	-	104	3
SEED CONSULTANTS	SC11B45	114	110	104	101	103	-	-	-	101	104	4
VIGORO	V58Y41	117	108	100	100	105	103 *	102	105	104	104	8
HUBNER	H4808Bt	115	108	104	106	101	102	103	104 *	101	104	8
PIONEER BRAND	34B24	111	106	105	100	105	-	-	102 *	103	103	6
SOUTHERN STATES	842RR2YG	120	101	100	111	99	104 *	103	102 *	105	103	8
AUGUSTA	A5337	113	106	-	100	-	102	-	104 *	-	103	4
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	105	101	106	102	105 *	102	100	102	103	8
TRISLER BY AUGUSTA	T5338PLRR	116	104	-	105	-	100	-	102 *	-	103	4
GARST	8247YG1	117	104	-	105	-	-	-	99	-	103	3
MID-ATLANTIC SEEDS	MA7136BtCRW	113	103	-	105	-	102	-	100	-	102	4
MID-ATLANTIC SEEDS	MA9189Bt/RR	118	100	-	104	-	103	-	102 *	-	102	4
TRISLER BY AUGUSTA	T04-102CB	118	97	-	109	-	103 *	-	100	101	102	5
GARST	8380IT	114	104	-	100	-	-	-	101 *	-	102	3
TRISLER BY AUGUSTA	T-06-15RRCB	119	102	-	101	-	104 *	-	100 *	-	102	4
NK BRAND SEEDS	N82-A7	118	104	-	102	-	97	-	103 *	-	101	4
DEKALB	DKC61-68(RR2/ YGRW)	111	102	-	103	-	100	-	101 *	-	101	4
DOEBLERS	784XYG	117	100	102	101	101	100	104	99	102	101	8
TRISLER BY AUGUSTA	T-04-103RRCB	119	100	-	102	-	104 *	-	98	-	101	4
T.A. SEEDS	TA686-03	113	105	-	97	-	101	-	-	-	101	3
GARST	8378YG1	114	100	-	105	-	-	-	98	-	101	3
TRISLER BY AUGUSTA	T-06-33RRCB	118	98	-	103	-	101	-	101 *	-	101	4
NK BRAND SEEDS	N91-J1	124	104	100	99	-	100	100	103 *	100	101	7
HUBNER	H4825CB	118	99	-	102	-	102	-	99	-	101	4

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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 quality, 100 indicates average quality, numbers under 100 indicate below-average quality.

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

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

Brand	Hybrid	DTM per Co.1	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain[4] 2006	Southwest / Mountain[4] 2005	Multi-Site Average	Number of Obs.[2]
			Relative Milk per Ton[3]									
NK BRAND SEEDS	N76-Y4	114	97	-	102	-	-	-	103 *	-	101	3
SOUTHERN STATES	791CL	116	94	-	103	-	102	-	103 *	-	101	4
TRISLER BY AUGUSTA	T-04-105RR	119	101	103	99	100	99	102	99	101	100	8
NK BRAND SEEDS	N72-G8	112	100	-	102	-	-	-	99	-	100	3
MID-ATLANTIC SEEDS	MA7156Bt	115	101	-	102	-	100	-	99	-	100	4
DOEBLERS	761BDT	116	98	102	99	101	98	101	101 *	103	100	8
DEKALB	DKC64-81(YGCB)	114	97	-	99	-	100	-	105 *	-	100	4
TRISLER BY AUGUSTA	T-04-94RRCB	119	101	101	99	99	102	103	97	100	100	8
TRISLER BY AUGUSTA	T-06-14CB	119	101	-	97	-	103 *	-	99	-	100	4
MID-ATLANTIC SEEDS	MA7150Bt/CRW/RR	115	101	-	96	-	102	-	101 *	-	100	4
PIONEER BRAND	31G71	116	97	-	106	-	96	-	100	-	100	4
HUBNER	H3838RR	118	102	102	99	96	104 *	103	97	97	100	8
TRISLER BY AUGUSTA	T5337PLRR	113	99	-	97	-	100	-	103 *	-	100	4
GARST	8313CB/LL	114	106	-	98	-	-	-	96	-	100	3
SEED CONSULTANTS	SC11BR96	118	100	-	97	-	-	-	102 *	-	100	3
PIONEER BRAND	33V16	116	96	-	100	-	100	-	102 *	-	99	4
SEED CONSULTANTS	SC11B55	115	98	103	99	101	-	-	-	95	99	4
TRISLER BY AUGUSTA	T-04-51RRCB	118	100	-	99	-	101	-	96	-	99	4
TRISLER BY AUGUSTA	T04-69CBCRW	111	100	-	97	-	99	-	101 *	-	99	4
ASGROW	RX785RR2/YGCB	113	101	-	96	-	98	-	102 *	-	99	4
DOEBLERS	648RYG	111	100	99	97	103	95	99	102 *	99	99	8
DEKALB	DKC66-23(RR2/ YGCB)	116	101	-	101	-	97	-	97	-	99	4
DEKALB	DKC61-22(RR2)	111	100	-	96	-	97	-	103 *	-	99	4
AUGUSTA	A-04-102	118	96	-	99	-	100	-	100 *	-	99	4
VIGORO	V59YR52	119	95	96	97	96	101	98	100	105	99	8
PIONEER BRAND	31R87	118	103	99	102	94	102	100	93	97	99	8

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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 quality, 100 indicates average quality, numbers under 100 indicate below-average quality.

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

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

Brand	Hybrid	DTM per Co.1	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain[4] 2006	Southwest / Mountain[4] 2005	Multi-Site Average	Number of Obs.[2]
			Relative Milk per Ton[3]									
AUGUSTA	T-05-27CB	118	97	-	96	-	97	-	105 *	-	99	4
NK BRAND SEEDS	1851W	118	98	-	102	-	101	-	94	-	99	4
DOEBLERS	731XY	115	104	-	93	-	96	-	100 *	-	98	4
VIGORO	V62R66	121	96	97	-	-	102	98	-	-	98	4
NK BRAND SEEDS	N78-D6	115	96	-	101	-	-	-	97	-	98	3
SEED CONSULTANTS	SC11RR86M	118	97	-	99	-	-	-	98	-	98	3
DEKALB	DKC67-23(RR2/ YGCB)	117	99	-	97	-	96	-	99	-	98	4
MID-ATLANTIC SEEDS	MA9152	115	98	98	95	98	100	95	98	97	97	8
SEED CONSULTANTS	SC1195	119	94	102	95	100	-	-	91	103	97	6
DEKALB	DKC63-39(RR2/ YGPL)	113	98	-	96	-	97	-	98	-	97	4
SEED CONSULTANTS	SC11BR46	116	98	-	96	-	-	-	98	-	97	3
NK BRAND SEEDS	N76-M5	115	98	-	97	-	96	-	98	-	97	4
AUGUSTA	A-06-04HX	113	94	-	95	-	100	-	99	-	97	4
DOEBLERS	S707Q	115	93	97	98	98	99	96	101 *	92	97	8
PIONEER BRAND	33M53	112	93	-	93	-	99	-	100	-	96	4
MID-ATLANTIC SEEDS	MA8088RR	108	93	-	92	-	94	-	105 *	-	96	4
AUGUSTA	A-06-03HX	111	97	-	95	-	95	-	96	-	96	4
MID-ATLANTIC SEEDS	MA8146Bt/RR	114	91	-	97	-	94	-	100	-	95	4
AUGUSTA	A-06-02HX	116	87	-	96	-	100	-	96	-	95	4
NK BRAND SEEDS	N82-J6	116	90	94	94	-	-	-	100	95	95	5
AUGUSTA	A-06-13	114	94	-	92	-	94	-	98	-	94	4
SEED CONSULTANTS	SC11BR77	117	85	-	94	-	-	-	98	-	92	3
MYCOGEN SEEDS	F2F699	113	118 *	-	-	-	-	-	-	-	118	1
BALDRIDGE	BH 540hp	112	104	-	-	-	-	-	-	-	104	1

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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 quality, 100 indicates average quality, numbers under 100 indicate below-average quality.

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

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

Brand	Hybrid	DTM per Co.1	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain[4] 2006	Southwest / Mountain[4] 2005	Multi-Site Average	Number of Obs.[2]
			Relative Milk per Ton[3]									
CROPLAN GENETICS	851 TS	118	103	-	106	-	-	-	-	-	104	2
CROPLAN GENETICS	DS822 RR2/BT	119	104	-	104	-	-	-	-	-	104	2
MYCOGEN SEEDS	2T780	114	101	103	-	-	-	-	-	-	102	2
BALDRIDGE	BH 705	119	101	-	-	-	-	-	-	-	101	1
CROPLAN GENETICS	827 RR2	118	98	-	104	-	-	-	-	-	101	2
MYCOGEN SEEDS	2Q731	112	101	-	-	-	-	-	-	-	101	1
NK BRAND SEEDS	N65-C5	109	-	-	-	-	101	-	-	-	101	1
T.A. SEEDS	TA780-13	117	-	-	100	101	-	-	-	-	100	2
CLARK	CL 917	117	-	-	98	-	101	-	-	-	100	2
T.A. SEEDS	TA7911	117	101	-	-	-	98	-	-	-	99	2
CROPLAN GENETICS	691 BT/LL	113	97	-	100	-	-	-	-	-	99	2
BALDRIDGE	BH 609	112	102	96	-	-	-	-	-	-	99	2

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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 quality, 100 indicates average quality, numbers under 100 indicate below-average quality.

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

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

Brand	Hybrid	DTM per Co.[1]	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain[4] 2006	Southwest / Mountain[4] 2005	Multi-Site Average	Number of Obs.[2]
			Relative Milk per Acre[3]									
GARST	8247YG1	117	117 *	-	119 *	-	-	-	129 *	-	121	3
TRISLER BY AUGUSTA	T-06-15RRCB	119	103	-	113 *	-	126 *	-	139 *	-	120	4
NK BRAND SEEDS	1851W	118	117 *	-	112 *	-	125 *	-	114 *	-	117	4
TRISLER BY AUGUSTA	T04-102CB	118	106	-	117 *	-	105	-	101	123 *	111	5
SEED CONSULTANTS	SC11BR96	118	112 *	-	108 *	-	-	-	111	-	110	3
MID-ATLANTIC SEEDS	MA9189Bt/RR	118	109	-	100	-	111	-	116 *	-	109	4
PIONEER BRAND	33V16	116	106	-	108 *	-	116 *	-	106	-	109	4
SEED CONSULTANTS	SC11B45	114	104	121 *	104	108 *	-	-	-	108	109	4
TRISLER BY AUGUSTA	T-04-94RRCB	119	115 *	92	106 *	103	113	106	118 *	108 *	108	8
PIONEER BRAND	31G71	116	115 *	-	117 *	-	107	-	92	-	108	4
TRISLER BY AUGUSTA	T-04-51RRCB	118	100	-	100	-	120 *	-	110	-	108	4
GARST	8380IT	114	115 *	-	102	-	-	-	106	-	107	3
AUGUSTA	A5338	116	115 *	-	106 *	-	106	-	100	-	107	4
AUGUSTA	T-05-27CB	118	88	-	106 *	-	103	-	130 *	-	107	4
SEED CONSULTANTS	SC11B55	115	108	112	110 *	109 *	-	-	-	91	106	4
TRISLER BY AUGUSTA	T5338PLRR	116	95	-	100	-	108	-	120 *	-	106	4
GARST	8294YG1/IT	118	116 *	-	91	-	-	-	108	-	105	3
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	105	92	109 *	99	110	111 *	108	104	105	8
HUBNER	H4825CB	118	96	-	106	-	106	-	110	-	105	4
SEED CONSULTANTS	SC1195	119	99	106	101	108 *	-	-	91	115 *	103	6
TRISLER BY AUGUSTA	T-04-103RRCB	119	111	-	106 *	-	110	-	86	-	103	4
PIONEER BRAND	34B24	111	108	106	99	102	-	-	105	100	103	6
HUBNER	H4808Bt	115	114 *	97	109 *	98	96	107	122 *	83	103	8
PIONEER BRAND	31R87	118	122 *	110	109 *	88	106	102	74	110 *	103	8
SOUTHERN STATES	842RR2YG	120	92	109	112 *	96	111	102	86	113 *	103	8
AUGUSTA	A-06-02HX	116	91	-	109 *	-	121 *	-	90	-	103	4
MID-ATLANTIC SEEDS	MA7136BtCRW	113	99	-	105	-	92	-	113 *	-	102	4

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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 x quality, 100 indicates average yield x quality, numbers under 100 indicate below-average yield x quality.

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

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

Brand	Hybrid	DTM per Co.[1]	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain[4] 2006	Southwest / Mountain[4] 2005	Multi-Site Average	Number of Obs.[2]
			Relative Milk per Acre[3]									
MID-ATLANTIC SEEDS	MA9152	115	95	105	95	108 *	104	108	99	106	102	8
VIGORO	V58Y41	117	101	102	89	112 *	91	104	123 *	97	102	8
SEED CONSULTANTS	SC11RR86M	118	97	-	105	-	-	-	104	-	102	3
SOUTHERN STATES	791CL	116	100	-	105	-	94	-	108	-	102	4
MID-ATLANTIC SEEDS	MA7156Bt	115	91	-	109 *	-	104	-	103	-	102	4
HUBNER	H3838RR	118	89	101	99	95	116 *	111 *	96	102	101	8
VIGORO	V62R66	121	87	104	-	-	117 *	95	-	-	101	4
VATECH	BMR101	115	102	-	120 *	-	92	-	88	-	101	4
DEKALB	DKC66-23(RR2/ YGCB)	116	101	-	106	-	90	-	106	-	101	4
GARST	8378YG1	114	101	-	105	-	-	-	95	-	100	3
MID-ATLANTIC SEEDS	MA7150Bt/CRW/RR	115	87	-	91	-	112	-	109	-	100	4
TRISLER BY AUGUSTA	T-06-33RRCB	118	111	-	97	-	106	-	82	-	99	4
SEED CONSULTANTS	SC11BR46	116	105	-	100	-	-	-	92	-	99	3
PIONEER BRAND	33M53	112	105	-	100	-	90	-	100	-	98	4
NK BRAND SEEDS	N91-J1	124	112 *	89	108 *	-	90	103	91	95	98	7
VIGORO	V59YR52	119	83	92	86	99	101	108	107	109 *	98	8
TRISLER BY AUGUSTA	T-04-105RR	119	95	117 *	94	116 *	97	84	90	90	98	8
DEKALB	DKC61-68(RR2/ YGRW)	111	96	-	92	-	86	-	118 *	-	98	4
DEKALB	DKC67-23(RR2/ YGCB)	117	101	-	103	-	80	-	107	-	98	4
AUGUSTA	A-06-13	114	99	-	96	-	85	-	110	-	97	4
DEKALB	DKC61-22(RR2)	111	99	-	93	-	93	-	104	-	97	4
DOEBLERS	S707Q	115	90	105	102	106	99	86	99	90	97	8
AUGUSTA	A5337	113	91	-	104	-	98	-	93	-	96	4
GARST	8313CB/LL	114	110	-	101	-	-	-	78	-	96	3

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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 x quality, 100 indicates average yield x quality, numbers under 100 indicate below-average yield x quality.

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

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

Brand	Hybrid	DTM per Co.[1]	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain[4] 2006	Southwest / Mountain[4] 2005	Multi-Site Average	Number of Obs.[2]
			Relative Milk per Acre[3]									
NK BRAND SEEDS	N82-A7	118	105	-	90	-	86	-	103	-	96	4
MID-ATLANTIC SEEDS	MA8088RR	108	105	-	94	-	91	-	94	-	96	4
DOEBLERS	761BDT	116	94	112	92	97	85	95	89	101	96	8
ASGROW	RX785RR2/YGCB	113	99	-	86	-	100	-	97	-	95	4
DOEBLERS	648RYG	111	87	98	90	91	90	102	124 *	82	95	8
DOEBLERS	784XYG	117	93	79	103	95	98	101	99	93	95	8
TRISLER BY AUGUSTA	T5337PLRR	113	107	-	96	-	92	-	84	-	95	4
DEKALB	DKC64-81(YGCB)	114	84	-	92	-	90	-	114 *	-	95	4
AUGUSTA	A-04-102	118	91	-	96	-	91	-	102	-	95	4
AUGUSTA	A-06-03HX	111	103	-	97	-	100	-	78	-	94	4
TRISLER BY AUGUSTA	T04-69CBCRW	111	96	-	87	-	93	-	101	-	94	4
NK BRAND SEEDS	N82-J6	116	90	99	95	-	-	-	91	96	94	5
TRISLER BY AUGUSTA	T-06-14CB	119	97	-	99	-	94	-	81	-	93	4
T.A. SEEDS	TA686-03	113	96	-	93	-	89	-	-	-	93	3
AUGUSTA	A-06-04HX	113	97	-	92	-	103	-	73	-	91	4
NK BRAND SEEDS	N78-D6	115	102	-	95	-	-	-	76	-	91	3
NK BRAND SEEDS	N76-M5	115	98	-	91	-	96	-	78	-	91	4
SEED CONSULTANTS	SC11BR77	117	87	-	89	-	-	-	94	-	90	3
DOEBLERS	731XY	115	105	-	84	-	86	-	80	-	89	4
NK BRAND SEEDS	N72-G8	112	84	-	78	-	-	-	103	-	88	3
MID-ATLANTIC SEEDS	MA8146Bt/RR	114	104	-	91	-	94	-	64	-	88	4
NK BRAND SEEDS	N76-Y4	114	93	-	87	-	-	-	84	-	88	3
DEKALB	DKC63-39(RR2/YGPL)	113	76	-	88	-	82	-	103	-	87	4
MYCOGEN SEEDS	2Q731	112	130 *	-	-	-	-	-	-	-	130	1
MYCOGEN SEEDS	2T780	114	104	125 *	-	-	-	-	-	-	115	2
CLARK	CL 917	117	-	-	118 *	-	109	-	-	-	114	2

[1]Days to maturity provided by company; differences in maturity rating methods may exist among 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. Hybrids with more than two site/year combinations appear above the break. Hybrids are further arranged in descending order of multi-site average.

[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 x quality, 100 indicates average yield x quality, numbers under 100 indicate below-average yield x quality.

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

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

Brand	Hybrid	DTM per Co.[1]	Shenandoah Valley 2006	Shenandoah Valley 2005	Northern Piedmont 2006	Northern Piedmont 2005	Southern Piedmont 2006	Southern Piedmont 2005	Southwest / Mountain[4] 2006	Southwest / Mountain[4] 2005	Multi-Site Average	Number of Obs.[2]
			Relative Milk per Acre[3]									
CROPLAN GENETICS	851 TS	118	126 *	-	93	-	-	-	-	-	110	2
CROPLAN GENETICS	827 RR2	118	100	-	111 *	-	-	-	-	-	105	2
T.A. SEEDS	TA7911	117	108	-	-	-	96	-	-	-	102	2
T.A. SEEDS	TA780-13	117	-	-	97	107 *	-	-	-	-	102	2
CROPLAN GENETICS	DS822 RR2/BT	119	101	-	102	-	-	-	-	-	101	2
NK BRAND SEEDS	N65-C5	109	-	-	-	-	101	-	-	-	101	1
MYCOGEN SEEDS	F2F699	113	96	-	-	-	-	-	-	-	96	1
CROPLAN GENETICS	691 BT/LL	113	92	-	89	-	-	-	-	-	91	2
BALDRIDGE	BH 540hp	112	84	-	-	-	-	-	-	-	84	1
BALDRIDGE	BH 705	119	82	-	-	-	-	-	-	-	82	1
BALDRIDGE	BH 609	112	74	78	-	-	-	-	-	-	76	2

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

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[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 x quality, 100 indicates average yield x quality, numbers under 100 indicate below-average yield x quality.

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

Table 5. 2006 Corn Silage Test Results at the Shenandoah Valley Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		Days	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
AUGUSTA	A-06-03HX	111	43.17	27.04 *	9.47 *	6.13	24.48	41.58	62.07	0.65	67.61	2988	26656
AUGUSTA	A-06-04HX	113	43.02	24.59	8.61	6.73 *	27.26	45.68	60.74	0.64	66.58	2916	25067
MID-ATLANTIC SEEDS	MA8088RR	108	42.42	25.14	8.80	7.52 *	27.60	46.09	56.16	0.64	65.38	2867	27177
DEKALB	DKC64-81(YGCB)	114	42.10	21.60	7.56	6.50	25.11	43.22	60.58	0.66	67.70	3009	21744
AUGUSTA	A-06-13	114	41.96	25.11	8.79	6.03	28.32	46.24	58.20	0.65	66.17	2910	25551
NK BRAND	N72-G8	112	41.53	24.14	8.45	7.12 *	25.52	43.84	61.20	0.66	68.12	3036	25376
TRISLER BY AUGUSTA	T5337PLRR	113	41.07	27.48 *	9.62 *	5.73	26.31	43.85	60.96	0.67	68.41	3062	27736
DEKALB	DKC66-23(RR2/ YGCB)	116	40.78	22.92	8.02	6.72 *	24.27	41.80	60.09	0.67	68.99	3121	26024
GARST	8378YG1	114	40.41	24.86	8.70	6.18	26.14	43.75	60.96	0.67	68.77	3091	26013
CROPLAN GENETICS	691 BT/LL	113	40.04	22.82	7.99	6.31	25.87	43.22	58.13	0.66	67.33	3006	23728
NK BRAND	N76-Y4	114	40.03	23.60	8.26	6.56	26.25	44.54	58.58	0.65	66.88	2963	26314
TRISLER BY AUGUSTA	T04-69CBCRW	111	39.99	23.50	8.23	6.11	26.25	44.02	61.00	0.67	68.78	3092	24884
PIONEER BRAND	34B24	111	39.47	24.84	8.70	6.76 *	24.73	41.70	61.63	0.70	71.07	3272	27848
ASGROW	RX785RR2/YGCB	113	39.36	23.05	8.07	6.54	24.48	41.73	58.71	0.68	68.94	3126	25586
DOEBLERS	S707Q	115	39.32	25.04	8.77	6.11	29.92	49.68 *	56.93	0.64	65.45	2871	23196
PIONEER BRAND	33M53	112	39.20	25.90	9.07	6.42	28.73	46.94	55.72	0.64	65.27	2865	27134
GARST	8380IT	114	39.19	25.44	8.91	6.95 *	24.16	40.98	60.14	0.69	70.39	3229	29690 *
AUGUSTA	T-05-27CB	118	39.19	23.46	8.21	5.60	31.01 *	49.54	57.33	0.66	66.89	2986	22651
NK BRAND	N65-C5	109	39.04	20.09	7.03	7.19 *	25.93	44.81	58.54	0.67	68.53	3098	21668
CROPLAN GENETICS	851 TS	118	39.01	28.66 *	10.03 *	7.03 *	25.35	42.59	60.04	0.69	69.67	3173	32533 *
NK BRAND	N76-M5	115	38.96	23.20	8.12	6.91 *	28.33	47.35	59.35	0.66	67.29	2990	23978
PIONEER BRAND	33V16	116	38.93	25.40	8.89	6.60 *	30.33	49.52	58.04	0.65	66.93	2976	27339
SEED CONSULTANTS	SC11B55	115	38.88	25.42	8.90	6.44	28.04	45.67	58.14	0.66	67.73	3039	27891
MYCOGEN SEEDS	2T780	114	38.86	25.52	8.93	5.77	29.74	48.25	58.30	0.67	68.73	3118	26996
DOEBLERS	784XYG	117	38.77	22.35	7.82	6.13	28.63	46.68	59.03	0.67	68.66	3103	23933
AUGUSTA	A5337	113	38.56	20.75	7.26	6.44	25.35	42.08	60.57	0.70	70.99	3274	23488
MID-ATLANTIC SEEDS	MA8146Bt/RR	114	38.44	25.88	9.06	6.82 *	31.08 *	51.67 *	55.70	0.63	64.52	2812	26853
SEED CONSULTANTS	SC1195	119	38.35	24.93	8.73	5.95	30.91 *	50.17 *	57.66	0.64	65.92	2901	25673

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Planted May 2, 2006. Harvested August 23, 2006.

Table 5. 2006 Corn Silage Test Results at the Shenandoah Valley Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		Days	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
SOUTHERN STATES	791CL	116	38.32	24.71	8.65	6.86 *	30.88 *	51.19 *	59.03	0.65	66.38	2920	25881
DEKALB	DKC61-22(RR2)	111	38.22	24.92	8.72	7.06 *	25.18	42.62	57.79	0.67	68.32	3084	25479
MYCOGEN SEEDS	2Q731	112	38.15	29.29 *	10.25 *	7.18 *	26.83	43.63	58.87	0.68	68.80	3115	33466 *
MID-ATLANTIC SEEDS	MA9152	115	38.11	23.21	8.12	6.24	28.09	46.03	56.68	0.67	67.59	3041	24602
GARST	8294YG1/IT	118	38.08	24.72	8.65	6.46	25.96	43.26	61.67	0.70	71.51	3306	29899 *
SEED CONSULTANTS	SC11BR77	117	37.79	24.85	8.70	5.33	33.85 *	54.10 *	51.07	0.61	61.21	2617	22448
DOEBLERS	731XY	115	37.71	23.54	8.24	6.88 *	26.50	44.10	58.53	0.69	70.09	3223	27079
AUGUSTA	A-06-02HX	116	37.57	25.03	8.76	6.14	34.02 *	54.14 *	54.44	0.62	62.63	2697	23522
DOEBLERS	761BDT	116	37.56	22.92	8.02	6.61 *	28.27	47.82	58.48	0.66	67.75	3037	24356
AUGUSTA	A-04-102	118	37.54	23.06	8.07	6.27	31.55 *	51.41 *	58.21	0.65	66.67	2958	23422
HUBNER	H4808Bt	115	37.54	24.11	8.44	5.72	25.83	42.78	61.71	0.71 *	71.89	3336	29493 *
GARST	8247YG1	117	37.53	27.40 *	9.59 *	6.58	26.56	44.18	60.95	0.69	70.27	3213	30195 *
DOEBLERS	648RYG	111	37.46	20.55	7.20	7.02 *	26.56	44.79	58.14	0.67	68.33	3084	22553
MID-ATLANTIC SEEDS	MA7136BtCRW	113	37.31	22.68	7.94	7.09 *	25.89	44.83	61.82	0.68	69.93	3180	25631
T.A. SEEDS	TA7911	117	37.01	25.70	8.99	7.32 *	25.96	44.26	57.04	0.67	68.55	3112	28012
TRISLER BY AUGUSTA	T-04-103RRCB	119	36.91	26.88 *	9.41 *	5.54	30.99 *	49.98 *	59.74	0.67	68.51	3085	28601
DEKALB	DKC67-23(RR2/ YGCB)	117	36.90	25.42	8.89	6.53	29.71	48.75	57.06	0.67	67.87	3064	26189
MID-ATLANTIC SEEDS	MA9189Bt/RR	118	36.87	24.86	8.70	6.89 *	27.35	45.50	59.09	0.67	68.58	3095	28292
GARST	8313CB/LL	114	36.76	25.27	8.85	6.54	25.62	42.38	58.82	0.70	70.68	3266	28491
CROPLAN GENETICS	DS822 RR2/BT	119	36.70	23.17	8.11	6.46	26.70	45.99	62.93	0.69	70.56	3215	26085
DEKALB	DKC63-39(RR2/ YGPL)	113	36.68	19.38	6.79	6.01	29.37	48.31	56.93	0.66	67.47	3031	19630
PIONEER BRAND	31R87	118	36.51	28.16 *	9.86 *	6.72 *	27.00	44.58	61.16	0.68	69.85	3177	31495 *
TRISLER BY AUGUSTA	T-06-14CB	119	36.44	23.02	8.06	6.15	29.70	48.25	59.45	0.68	68.98	3127	25131
DEKALB	DKC61-68(RR2/ YGRW)	111	36.25	23.40	8.19	6.45	28.20	46.49	57.61	0.68	68.97	3143	24708
T.A. SEEDS	TA686-03	113	36.04	22.16	7.76	6.37	25.99	44.01	59.06	0.69	70.40	3242	24871
MID-ATLANTIC SEEDS	MA7156Bt	115	35.99	20.94	7.33	5.88	28.63	47.91	60.70	0.68	69.21	3129	23553

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Planted May 2, 2006. Harvested August 23, 2006.

Table 5. 2006 Corn Silage Test Results at the Shenandoah Valley Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		Days	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
TRISLER BY AUGUSTA	T04-102CB	118	35.94	25.34	8.87	7.30 *	30.03	50.43 *	59.91	0.66	67.53	3003	27344
TRISLER BY AUGUSTA	T5338PLRR	116	35.87	20.94	7.33	6.60 *	27.27	45.07	60.46	0.69	70.30	3221	24597
SOUTHERN STATES	842RR2YG	120	35.85	22.56	7.90	6.03	29.09	47.97	60.25	0.68	69.24	3139	23827
PIONEER BRAND	31G71	116	35.69	28.14 *	9.85 *	6.03	30.29	48.77	58.27	0.66	67.31	3004	29591 *
SEED CONSULTANTS	SC11BR46	116	35.50	25.56	8.95	6.57	29.17	46.77	55.35	0.66	67.21	3028	27088
NK BRAND	N82-J6	116	35.41	24.62	8.62	6.57	27.50	46.14	58.48	0.69	69.97	3215	28859 *
SEED CONSULTANTS	SC11BR96	118	35.24	25.40	8.89	6.59 *	31.20 *	50.57 *	59.35	0.67	68.42	3081	28875 *
TRISLER BY AUGUSTA	T-04-51RRCB	118	35.19	24.71	8.65	5.67	30.52	48.91	59.23	0.67	68.58	3096	25930
MID-ATLANTIC SEEDS	MA7150Bt/CRW/RR	115	35.11	19.59	6.85	6.06	29.08	47.10	59.73	0.68	69.20	3139	22374
TRISLER BY AUGUSTA	T-06-33RRCB	118	35.10	27.90 *	9.77 *	7.70 *	29.13	47.54	55.50	0.67	67.39	3042	28758
SEED CONSULTANTS	SC11RR86M	118	35.09	24.43	8.55	6.42	31.72 *	51.62 *	59.22	0.66	67.31	2995	25154
AUGUSTA	A5338	116	35.04	23.83	8.34	6.90 *	27.22	44.95	61.13	0.71 *	72.08	3358	29602 *
NK BRAND	N78-D6	115	34.63	23.21	8.13	7.08 *	27.80	46.07	59.02	0.69	70.09	3219	27239
VIGORO	V62R66	121	34.54	23.15	8.10	6.33	32.33 *	50.89 *	56.66	0.65	66.42	2955	22470
VIGORO	V59YR52	119	34.51	21.86	7.65	5.76	31.49 *	50.09 *	55.96	0.65	66.18	2947	21435
NK BRAND	N82-A7	118	34.51	24.55	8.59	5.56	32.65 *	51.37 *	52.40	0.63	63.82	2797	23226
MYCOGEN SEEDS	F2F699	113	34.50	18.73	6.55	7.14 *	25.50	43.99	75.61 *	0.74 *	77.60 *	3655 *	24743
BALDRIDGE	BH 705	119	34.41	18.50	6.47	7.71 *	30.15	50.55 *	60.56	0.68	69.10	3125	21296
HUBNER	H4825CB	118	34.25	23.59	8.26	6.69 *	29.90	48.25	55.94	0.67	67.61	3055	24916
TRISLER BY AUGUSTA	T-04-105RR	119	34.25	22.30	7.81	6.59 *	29.53	47.40	57.60	0.68	68.85	3136	24565
SEED CONSULTANTS	SC11B45	114	34.24	22.69	7.94	6.95 *	25.21	42.23	61.67	0.72 *	72.83	3414	26930
TRISLER BY AUGUSTA	T-04-94RRCB	119	33.80	25.81	9.04	7.69 *	29.55	48.56	57.46	0.68	68.52	3110	29736 *
BALDRIDGE	BH 540hp	112	33.74	19.40	6.79	6.73 *	28.72	46.59	60.65	0.69	70.37	3225	21805
CROPLAN GENETICS	827 RR2	118	33.55	23.85	8.35	6.87 *	30.79 *	49.61 *	57.65	0.66	67.52	3031	25713
TRISLER BY AUGUSTA	T-06-15RRCB	119	33.39	25.21	8.83	5.57	30.76 *	48.87	59.74	0.68	69.28	3149	26489
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	33.24	23.72	8.30	6.67 *	29.48	48.87	61.11	0.69	70.59	3237	27069
BALDRIDGE	BH 609	112	33.06	17.07	5.98	7.61 *	29.54	48.17	60.66	0.68	69.34	3140	19011
HUBNER	H3838RR	118	33.06	21.10	7.38	6.93 *	29.56	48.15	58.21	0.68	69.04	3149	22883
NK BRAND	N91-J1	124	32.83	28.11 *	9.84 *	6.50	30.84 *	50.02 *	58.05	0.66	67.61	3031	30230 *

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Table 5. 2006 Corn Silage Test Results at the Shenandoah Valley Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		Days	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
VIGORO	V58Y41	117	32.80	22.20	7.77	6.69 *	26.39	43.37	61.10	0.71 *	71.89	3343	26169
VATECH	BMR101	115	30.24	21.64	7.58	7.73 *	28.43	47.09	73.48 *	0.72 *	75.37 *	3481 *	26391
	Location Average		37.08	23.87	8.35	6.53	28.27	46.64	59.20	0.67	68.54	3093	25838
	C.V.		8.81	11.82	11.82	12.84	8.97	7.09	4.03	3.68	3.44	5	13
	LSD (0.10)		3.88	3.35	1.17	1.15	3.47	4.53	3.27	0.03	3.23	229	4661

[1] Hybrids are arranged in descending order of dry matter at harvest.
[2] 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).
Planted May 2, 2006. Harvested August 23, 2006.

Table 6. Two-year Average Corn Silage Test Results (2005 and 2006) at the Shenandoah Valley Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
MYCOGEN SEEDS	2T780	114	38.59	22.39 *	7.84 *	6.95	24.89	41.54	62.98	0.70	70.86	3268	24573 *
PIONEER BRAND	34B24	111	38.54	20.42	7.15	8.07	22.49	38.67	65.35 *	0.71 *	72.61 *	3388 *	22941
DOEBLERS	S707Q	115	38.31	21.08	7.38	7.58	27.12	45.13 *	61.06	0.67	68.21	3070	20950
MID-ATLANTIC SEEDS	MA9152	115	37.51	20.06	7.02	7.10	26.03	42.62	60.25	0.69	69.39	3170	21637
DOEBLERS	648RYG	111	37.21	18.07	6.33	8.02	24.92	41.88	61.56	0.69	70.16	3220	19978
DOEBLERS	761BDT	116	36.53	20.72	7.25	7.66	25.32	43.16	60.68	0.69	70.09	3218	23125
SEED CONSULTANTS	SC11B55	115	36.52	21.31	7.46	7.70	25.16	41.61	62.87	0.70	71.57	3325 *	24145 *
HUBNER	H4808Bt	115	36.27	19.46	6.81	7.29	23.67	39.77	64.83 *	0.73 *	73.42 *	3455 *	23150
DOEBLERS	784XYG	117	36.10	17.30	6.06	7.57	25.01	41.38	62.24	0.71 *	71.92 *	3357 *	18959
SEED CONSULTANTS	SC1195	119	35.80	20.72	7.25	7.28	27.09	44.69 *	62.84	0.70	70.72	3258	22639
SEED CONSULTANTS	SC11B45	114	35.65	20.51	7.18	7.59	22.94	38.83	64.96 *	0.72 *	73.30 *	3447 *	24103 *
TRISLER BY AUGUSTA	T-04-105RR	119	35.13	20.36	7.13	7.58	24.94	41.36	63.02	0.71 *	72.07 *	3363 *	23743
SOUTHERN STATES	842RR2YG	120	34.60	19.90	6.97	7.73	26.20	44.08	63.41	0.71 *	71.77 *	3334 *	22183
NK BRAND SEEDS	N82-A7	118	34.60	20.62	7.22	6.93	29.27 *	46.75 *	57.69	0.67	67.35	3039	20662
PIONEER BRAND	31R87	118	34.28	23.66 *	8.28 *	7.63	26.17	43.56	62.72	0.70	71.37	3304	26353
NK BRAND SEEDS	N82-J6	116	34.16	20.13	7.05	8.00	25.86	43.60	61.83	0.71 *	71.82 *	3350 *	23083
BALDRIDGE	BH 609	112	33.40	15.28	5.35	8.71 *	28.42 *	46.67 *	62.82	0.69	70.02	3193	16831
VIGORO	V58Y41	117	33.31	19.08	6.68	7.75	25.15	41.43	63.42	0.72 *	72.75 *	3413 *	22279
TRISLER BY AUGUSTA	T-04-94RRCB	119	32.91	20.10	7.04	8.58 *	25.30	42.89	62.85	0.72 *	72.41 *	3396 *	21780
VIGORO	V62R66	121	32.84	20.47	7.16	7.68	28.97 *	47.01 *	59.91	0.69	69.52	3187	21327
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	32.73	19.09	6.68	8.01	26.25	44.40 *	63.94 *	0.72 *	72.65 *	3399 *	21704
VIGORO	V59YR52	119	32.65	18.49	6.47	7.48	27.93 *	45.26 *	59.25	0.69	69.48	3192	19399
HUBNER	H3838RR	118	32.05	18.42	6.45	8.01	25.69	43.01	62.46	0.72 *	72.79 *	3429 *	21108
	Location Average		35.25	19.89	6.96	7.67	25.87	43.01	62.29	0.70	71.11	3292	22003
	C.V.		7.83	12.59	12.59	7.90	8.32	6.66	2.74	3.05	2.63	4	13
	LSD (0.10)		2.38	2.16	0.76	0.56	1.99	2.65	1.58	0.02	1.73	132	2562

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] Days to maturity provided by company; differences in maturity rating methods may exist among 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 (2004 to 2006) at the Shenandoah Valley Site.

BRAND	HYBRID	DTM per Co.[1]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
PIONEER BRAND	34B24	111	37.83	24.54 *	8.59 *	8.16	22.97	39.22	63.44 *	0.71 *	72.35 *	3363 *	28468
DOEBLERS	S707Q	115	37.80	25.57 *	8.95 *	7.99	26.85 *	44.57 *	58.69	0.67	68.37	3086	27023
DOEBLERS	648RYG	111	37.42	23.14	8.10	8.09	25.38	42.22	59.06	0.68	69.62	3181	25783
SEED CONSULTANTS	SC1195	119	35.81	26.36 *	9.23 *	7.48	27.42 *	44.94 *	60.46	0.69	70.14	3213	29419 *
SEED CONSULTANTS	SC11B45	114	34.85	26.09 *	9.13 *	7.78	23.88	40.15	61.66	0.72 *	72.80 *	3411 *	31476 *
NK BRAND SEEDS	N82-A7	118	34.78	24.92 *	8.72 *	7.25	28.04 *	45.14 *	56.57	0.67	68.17	3092	26738
NK BRAND SEEDS	N82-J6	116	34.24	24.62 *	8.62 *	8.28 *	25.27	42.70	60.04	0.71 *	72.04 *	3364 *	29233 *
VIGORO	V58Y41	117	33.57	24.22 *	8.48 *	7.79	24.78	40.82	61.61	0.72 *	72.85 *	3418 *	29226 *
TRISLER BY AUGUSTA	T-04-94RRCB	119	32.86	24.45 *	8.56 *	8.62 *	25.98	43.41 *	59.94	0.71 *	71.84 *	3354 *	28345
	Location Average		35.48	24.86	8.70	7.93	25.66	42.62	60.14	0.70	70.85	3271	28340
	C.V.		8.03	12.67	12.67	6.49	8.92	6.98	3.14	3.28	2.79	5	13
	LSD (0.10)		1.97	2.18	0.76	0.38	1.67	2.17	1.38	0.02	1.44	109	2622

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] Days to maturity provided by company; differences in maturity rating methods may exist among companies.

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

Table 8. 2006 Corn Silage Test Results at the Southwest/Mountain Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest[2]	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
MID-ATLANTIC SEEDS	MA8088RR	108	58.67	22.96	8.04	9.47 *	14.55	28.80	62.78	0.67 *	68.97 *	3104 *	25223
AUGUSTA	T-05-27CB	118	58.40	31.17 *	10.91 *	8.57	14.76	28.38	62.48	0.67 *	68.96 *	3105 *	34960 *
MID-ATLANTIC SEEDS	MA7156Bt	115	58.29	27.65	9.68	8.35	22.57 *	42.00 *	63.05	0.64	66.95	2933	27694
SEED CONSULTANTS	SC11BR77	117	58.20	26.38	9.23	7.97	20.00	37.80	60.03	0.65	66.36	2910	25258
DEKALB	DKC61-22(RR2)	111	57.72	24.93	8.73	9.47 *	16.98	32.91	62.15	0.66 *	68.29 *	3050 *	27858
DEKALB	DKC61-68(RR2/ YGRW)	111	56.96	30.23 *	10.58 *	9.59 *	18.72	34.72	60.75	0.65	67.47	2992 *	31691 *
MID-ATLANTIC SEEDS	MA8146Bt/RR	114	56.91	19.73	6.91	8.32	19.63	37.04	61.45	0.65	67.05	2953	17123
DOEBLERS	761BDT	116	56.72	22.61	7.91	8.86	17.73	33.05	61.68	0.66 *	67.69 *	3009 *	23819
PIONEER BRAND	34B24	111	56.56	28.26	9.89	9.71 *	18.45	35.30	62.99	0.66 *	68.15 *	3033 *	28077
NK BRAND	N78-D6	115	56.39	25.62	8.96	8.74	16.31	32.31	63.83	0.66 *	68.53 *	3063 *	27591
DOEBLERS	731XY	115	55.98	20.84	7.29	8.44	18.03	34.23	61.28	0.65	67.30	2975 *	21415
AUGUSTA	A-06-13	114	55.94	26.37	9.23	8.68	19.12	35.07	60.41	0.64	66.07	2896	29461
NK BRAND	N82-A7	118	55.78	24.26	8.49	8.25	19.82	35.91	61.23	0.65	67.03	2957	24484
PIONEER BRAND	31G71	116	55.54	25.20	8.82	8.52	20.08	37.04	60.99	0.65	67.18	2968	24641
PIONEER BRAND	33V16	116	55.23	26.76	9.37	8.48	17.81	33.56	62.81	0.66 *	67.98 *	3020 *	28398
VIGORO	V59YR52	119	55.21	29.98 *	10.49 *	8.50	18.14	33.58	61.04	0.65	67.14	2964	28763
ASGROW	RX785RR2/YGCB	113	54.94	24.92	8.72	9.23	17.65	33.63	61.59	0.66 *	67.88 *	3020 *	26066
DOEBLERS	648RYG	111	54.88	29.42	10.30	8.38	16.75	32.36	61.49	0.66 *	67.84 *	3018 *	33294 *
NK BRAND	N82-J6	116	54.81	25.41	8.89	8.93	17.63	33.29	62.15	0.67 *	68.28 *	3055 *	24541
DEKALB	DKC64-81(YGCB)	114	54.59	25.19	8.82	10.06 *	15.93	31.10	63.36	0.67 *	69.05 *	3108 *	30628 *
SOUTHERN STATES	791CL	116	54.49	27.27	9.54	9.45 *	17.59	33.47	62.38	0.66 *	68.21 *	3042 *	29079
GARST	8294YG1/IT	118	54.44	24.66	8.63	9.00	17.36	32.25	62.95	0.66 *	68.46 *	3061 *	29059
TRISLER BY AUGUSTA	T-04-94RRCB	119	54.31	28.82	10.09	8.33	21.41	38.34	59.21	0.64	65.88	2876	31756 *
VIGORO	V58Y41	117	54.20	26.00	9.10	8.29	16.83	31.62	63.31	0.67 *	69.20 *	3118 *	33001 *
TRISLER BY AUGUSTA	T04-69CBCRW	111	54.14	28.29	9.90	8.92	17.96	33.84	62.37	0.66 *	67.65 *	2999 *	27056

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] Days to maturity provided by company; differences in maturity rating methods may exist among companies.

[2] Dry matter at harvest is very high due to late harvest.

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

Planted May 17, 2006. Harvested October 16, 2006.

Table 8. 2006 Corn Silage Test Results at the Southwest/Mountain Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest[2]	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
DEKALB	DKC63-39(RR2/ YGPL)	113	53.95	27.78	9.73	9.07	18.33	34.93	60.19	0.64	66.53	2921	27734
MID-ATLANTIC SEEDS	MA7136BtCRW	113	53.78	29.95 *	10.48 *	9.21	19.58	36.15	61.17	0.65	66.99	2955	30367 *
TRISLER BY AUGUSTA	T-06-14CB	119	53.76	22.28	7.80	8.67	20.50	37.55	61.16	0.65	66.87	2943	21807
PIONEER BRAND	33M53	112	53.70	26.76	9.36	8.77	18.78	35.20	61.08	0.65	67.02	2957	26759
TRISLER BY AUGUSTA	T5337PLRR	113	53.69	23.31	8.16	8.57	17.42	32.59	62.47	0.66 *	68.20 *	3044 *	22545
HUBNER	H4825CB	118	53.55	29.56	10.35	8.73	20.38	36.98	60.85	0.65	66.91	2947	29565
NK BRAND	N65-C5	109	53.46	26.62	9.32	8.67	19.39	36.28	61.47	0.64	66.82	2937	27651
NK BRAND	N76-M5	115	53.43	20.91	7.32	8.43	16.96	31.93	62.34	0.66 *	68.32 *	3052 *	22448
AUGUSTA	A5337	113	53.24	23.20	8.12	8.24	16.55	31.36	62.38	0.67 *	68.67 *	3080 *	25009
GARST	8380IT	114	53.02	26.79	9.38	9.12	17.79	33.23	62.60	0.65	67.73 *	3002 *	28407
SOUTHERN STATES	842RR2YG	120	52.91	22.84	7.99	9.30	18.18	34.33	61.75	0.66 *	67.80 *	3014 *	23020
AUGUSTA	A-06-04HX	113	52.82	18.91	6.62	9.45 *	21.68	39.38 *	61.98	0.65	66.79	2939	19462
TRISLER BY AUGUSTA	T-06-33RRCB	118	52.65	23.06	8.07	8.80	16.90	32.14	60.57	0.66 *	67.43	2992 *	21865
NK BRAND	N91-J1	124	52.28	31.46 *	11.01 *	8.82	24.14 *	42.46 *	59.40	0.63	64.45	2777	30564 *
TRISLER BY AUGUSTA	T-06-15RRCB	119	52.23	35.64 *	12.48 *	9.19	19.70	36.05	61.87	0.65	67.36	2977 *	37300 *
HUBNER	H4808Bt	115	52.20	30.42 *	10.65 *	8.39	16.90	31.72	62.64	0.67 *	68.56 *	3073 *	32600 *
VATECH	BMR101	115	52.06	23.47	8.21	8.46	18.00	34.55	68.07 *	0.67 *	69.70 *	3120 *	23540
AUGUSTA	A-06-03HX	111	51.92	22.62	7.92	8.34	22.43 *	40.10 *	60.50	0.63	65.64	2851	20834
MID-ATLANTIC SEEDS	MA9152	115	51.90	27.09	9.48	8.34	19.73	35.36	59.23	0.64	66.38	2917	26469
TRISLER BY AUGUSTA	T5338PLRR	116	51.82	26.35	9.22	8.72	17.88	33.15	62.50	0.66 *	68.17 *	3039 *	32140 *
NK BRAND	N72-G8	112	51.82	21.20	7.42	9.13	21.72	39.31 *	60.23	0.64	66.17	2893	20788
DOEBLERS	S707Q	115	51.50	24.13	8.45	9.40 *	18.76	35.77	62.12	0.65	67.55	2990 *	26551
SEED CONSULTANTS	SC11BR46	116	51.50	23.20	8.12	9.09	20.27	36.74	60.06	0.64	66.36	2908	24716
DEKALB	DKC67-23(RR2/ YGCB)	117	51.47	25.41	8.89	8.41	19.11	35.25	59.40	0.65	66.78	2948	28660
SEED CONSULTANTS	SC11BR96	118	51.40	27.50	9.63	9.08	18.32	35.05	63.36	0.66 *	67.91 *	3017 *	29827

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] Days to maturity provided by company; differences in maturity rating methods may exist among companies.

[2] Dry matter at harvest is very high due to late harvest.

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

Planted May 17, 2006. Harvested October 16, 2006.

Table 8. 2006 Corn Silage Test Results at the Southwest/Mountain Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest[2]	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
GARST	8247YG1	117	51.27	33.75 *	11.81 *	8.85	20.50	36.87	62.23	0.65	66.85	2926	34521 *
SEED CONSULTANTS	SC11RR86M	118	51.24	28.39	9.93	9.20	20.90	37.57	59.84	0.64	66.08	2892	28009
MID-ATLANTIC SEEDS	MA9189Bt/RR	118	51.19	29.31	10.26	9.29	17.84	33.65	62.32	0.66 *	68.05 *	3032 *	31193 *
TRISLER BY AUGUSTA	T04-102CB	118	51.08	25.92	9.07	8.45	18.70	35.01	61.62	0.65	67.06	2960	27161
GARST	8378YG1	114	50.91	24.81	8.68	9.25	18.77	34.11	60.09	0.64	66.25	2900	25422
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	50.74	27.49	9.62	8.83	18.72	35.45	60.75	0.65	66.99	2953	28986
NK BRAND	N76-Y4	114	50.67	19.34	6.77	8.92	20.19	36.42	58.84	0.64	65.95	2882	20398
DOEBLERS	784XYG	117	50.10	24.82	8.69	9.03	19.72	35.78	60.09	0.65	66.86	2949	26559
AUGUSTA	A-04-102	118	49.83	27.00	9.45	8.60	18.51	33.50	60.61	0.65	67.26	2976 *	27344
HUBNER	H3838RR	118	49.83	26.75	9.36	8.71	22.53 *	40.00 *	59.39	0.64	65.86	2875	25702
SEED CONSULTANTS	SC1195	119	49.44	26.31	9.21	7.74	25.59 *	44.42 *	60.95	0.62	63.10	2704	24477
AUGUSTA	A5338	116	49.23	25.56	8.95	8.67	18.76	33.49	61.04	0.66 *	68.26 *	3068 *	26920
TRISLER BY AUGUSTA	T-04-51RRCB	118	49.09	28.78	10.07	9.06	23.15 *	41.33 *	61.05	0.64	65.80	2857	29583
MID-ATLANTIC SEEDS	MA7150Bt/CRW/RR	115	48.42	27.49	9.62	9.35	19.16	34.99	60.69	0.65	67.30	2981 *	29359
DEKALB	DKC66-23(RR2/ YGCB)	116	48.42	27.89	9.76	8.54	22.83 *	40.23 *	59.45	0.64	65.74	2872	28351
TRISLER BY AUGUSTA	T-04-103RRCB	119	47.70	22.37	7.83	8.42	21.55	38.67 *	62.04	0.64	66.53	2910	23042
GARST	8313CB/LL	114	47.47	20.95	7.33	8.47	24.58 *	43.05 *	59.47	0.63	65.38	2841	20790
PIONEER BRAND	31R87	118	47.04	20.67	7.23	7.69	26.46 *	44.46 *	56.57	0.62	63.68	2745	19890
AUGUSTA	A-06-02HX	116	46.61	23.46	8.21	8.76	23.59 *	41.60 *	59.67	0.63	65.69	2857	24145
TRISLER BY AUGUSTA	T-04-105RR	119	46.36	24.22	8.48	8.47	21.91	38.79 *	59.65	0.65	66.53	2927	24051
	Location Average		52.89	25.84	9.04	8.79	19.36	35.69	61.34	0.65	67.14	2966	26821
	C.V.		8.02	17.98	17.98	5.44	15.46	11.89	4.16	2.30	2.18	3	19
	LSD (0.10)		5.26	5.73	2.01	0.67	4.21	5.97	3.58	0.02	2.12	150	7467

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] Days to maturity provided by company; differences in maturity rating methods may exist among companies.

[2] Dry matter at harvest is very high due to late harvest.

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

Planted May 17, 2006. Harvested October 16, 2006.

Table 9. Two-year Average Corn Silage Test Results (2005 and 2006) at the Southwest/Mountain Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
DOEBLERS	648RYG	111	51.70	25.00 *	8.75 *	7.78	21.01	36.91	62.17 *	0.64	66.34	2903	25598 *
PIONEER BRAND	34B24	111	51.46	25.41 *	8.89 *	8.78 *	21.30	37.64	63.83 *	0.65	67.54 *	2989 *	25186 *
NK BRAND	N82-J6	116	50.93	23.30 *	8.15 *	8.14	21.03	37.34	62.75 *	0.64	66.49	2916	22328
MID-ATLANTIC SEEDS	MA9152	115	50.28	25.65 *	8.98 *	7.67	23.09	39.05	60.44	0.63	65.06	2816	24622 *
TRISLER BY AUGUSTA	T04-102CB	118	49.98	26.38 *	9.23 *	7.91	21.71	38.13	63.68 *	0.64	66.47	2904	27056 *
NK BRAND	N82-A7	118	49.88	23.30 *	8.16 *	7.86	23.46 *	39.44 *	59.72	0.64	65.38	2850	22870
DOEBLERS	S707Q	115	49.66	22.85 *	8.00 *	8.27	23.86 *	41.04 *	60.75	0.63	64.76	2793	22788
DOEBLERS	761BDT	116	49.52	22.05 *	7.72 *	8.46 *	20.97	36.59	62.90 *	0.65	67.30 *	2980 *	23028
SEED CONSULTANTS	SC1195	119	48.02	25.45 *	8.91 *	7.45	24.34 *	41.18 *	63.39 *	0.63	65.31	2834	24948 *
SOUTHERN STATES	842RR2YG	120	47.00	23.45 *	8.21 *	8.66 *	21.58	37.91	63.83 *	0.66 *	67.93 *	3023 *	24567 *
VIGORO	V59YR52	119	46.82	26.44 *	9.25 *	8.19	20.78	35.92	61.73 *	0.67 *	68.60 *	3090 *	26917 *
DOEBLERS	784XYG	117	46.81	22.56 *	7.90 *	7.88	22.28	37.97	61.50 *	0.65	66.73	2942	23177
VIGORO	V58Y41	117	46.61	22.82 *	7.99 *	7.62	21.79	36.92	63.27 *	0.67 *	68.77 *	3098 *	25842 *
PIONEER BRAND	31R87	118	46.45	23.12 *	8.09 *	7.31	26.03 *	42.86 *	59.54	0.62	64.04	2752	22334
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	46.42	24.93 *	8.73 *	8.51 *	22.06	38.85	62.34 *	0.65	67.21 *	2973 *	25785 *
HUBNER	H4808Bt	115	46.16	23.40 *	8.19 *	7.57	22.82	38.70	63.17 *	0.65	67.27 *	2976 *	24537 *
HUBNER	H3838RR	118	46.10	24.99 *	8.75 *	7.82	24.88 *	41.77 *	59.81	0.64	65.41	2852	24152 *
TRISLER BY AUGUSTA	T-04-105RR	119	45.68	22.51 *	7.88 *	7.96	24.36 *	41.47 *	61.95 *	0.64	66.22	2899	21845
TRISLER BY AUGUSTA	T-04-94RRCB	119	45.59	25.87 *	9.05 *	7.92	24.29 *	40.68 *	60.31	0.65	66.87 *	2969 *	26699 *
	Location Average		48.16	24.18	8.46	7.99	22.72	38.97	61.95	0.64	66.51	2924	24436
	C.V.		8.24	14.94	14.94	5.48	13.12	10.26	4.25	3.63	3.12	5	15
	LSD (0.10)		3.55	3.23	1.13	0.42	2.84	3.81	2.50	0.02	1.99	150	3491

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] Days to maturity provided by company; differences in maturity rating methods may exist among 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 (2004 to 2006) at the Southwest/Mountain Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
DOEBLERS	648RYG	111	49.79	23.29 *	8.15 *	7.42	21.62	37.95	61.35	0.65	67.02	2943	23813 *
PIONEER BRAND	34B24	111	49.20	24.96 *	8.74 *	8.07 *	22.26 *	38.60 *	62.98 *	0.65	67.95	3011	25280 *
DOEBLERS	S707Q	115	49.00	23.37 *	8.18 *	7.96 *	24.39 *	41.90 *	59.42	0.63	65.13	2819	23471
NK BRAND	N82-A7	118	48.53	21.82	7.64	7.68 *	23.87 *	40.16 *	59.07	0.64	65.52	2858	21327
SEED CONSULTANTS	SC1195	119	47.45	25.85 *	9.05 *	6.96	24.54 *	41.42 *	62.26 *	0.64	65.91	2868	25808 *
TRISLER BY AUGUSTA	T04-102CB	118	47.38	25.68 *	8.99 *	7.73 *	22.49 *	39.09 *	62.72 *	0.65	67.50	2981	26827 *
NK BRAND	N82-J6	116	47.30	19.58	6.85	7.94 *	21.79	38.52 *	62.24 *	0.66	68.03 *	3023 *	19075
VIGORO	V58Y41	117	45.21	19.82	6.94	7.48	21.49	36.84	63.67 *	0.68 *	69.72 *	3153 *	22075
TRISLER BY AUGUSTA	T-04-94RRCB	119	45.01	24.76 *	8.67 *	7.26	24.37 *	41.07 *	59.75	0.65	67.19	2971	25490 *
	Location Average		47.65	23.24	8.13	7.61	22.98	39.51	61.50	0.65	67.11	2959	23685
	C.V.		7.87	17.06	17.06	7.06	13.54	10.90	4.49	3.65	3.18	5	16
	LSD (0.10)		2.89	3.05	1.07	0.43	2.52	3.48	2.23	0.02	1.70	131	3152

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] Days to maturity provided by company; differences in maturity rating methods may exist among companies.

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

Table 11. 2006 Corn Silage Test Results at the Southern Piedmont Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
DOEBLERS	648RYG	111	40.67	20.45	7.16	8.16	18.87	35.10	63.94	0.70	71.24	3272	23018
NK BRAND	N72-G8	112	40.32	20.99	7.35	7.92	20.81	38.10	64.75	0.70	71.97	3321	24554
AUGUSTA	A-06-13	114	40.26	19.17	6.71	7.87	22.23	39.02	62.53	0.69	70.90	3251	21646
PIONEER BRAND	31G71	116	39.84	23.16	8.11	7.94	20.77	38.31	65.46	0.70	72.12	3327	27255
MID-ATLANTIC SEEDS	MA8088RR	108	39.67	19.66	6.88	8.73	20.05	36.93	63.50	0.69	71.05	3258	23156
AUGUSTA	A-06-03HX	111	39.62	21.41	7.49	7.64	22.18	39.75	64.83	0.70	71.47	3277	25445
DEKALB	DKC66-23(RR2/ YGCB)	116	39.43	19.52	6.83	8.15	20.11	37.62	65.79	0.70	72.27	3339	23004
ASGROW	RX785RR2/YGCB	113	39.25	20.66	7.23	8.49	19.71	36.48	63.20	0.71	72.37	3368	25416
DEKALB	DKC61-68(RR2/ YGRW)	111	38.93	18.28	6.40	8.61	18.55	34.58	64.68	0.72	73.46	3447	21974
AUGUSTA	A-06-04HX	113	38.88	21.88	7.66	7.87	20.58	36.82	65.09	0.72	73.48	3443	26285
DEKALB	DKC63-39(RR2/ YGPL)	113	38.76	17.96	6.28	8.47	20.16	37.80	63.92	0.70	72.02	3333	20990
DEKALB	DKC61-22(RR2)	111	38.72	20.42	7.15	8.74	19.52	36.09	64.38	0.71	72.39	3361	23816
DOEBLERS	731XY	115	38.68	19.57	6.85	8.19	20.09	36.40	61.96	0.70	71.56	3312	22025
DOEBLERS	784XYG	117	38.42	20.00	7.00	8.00	18.74	34.25	64.79	0.72	73.61	3460	24929
DOEBLERS	761BDT	116	38.26	18.92	6.62	8.46	19.57	36.91	64.52	0.71	72.45	3364	21816
PIONEER BRAND	33M53	112	38.22	19.46	6.81	8.18	20.27	37.25	63.31	0.72	72.89	3407	22850
TRISLER BY AUGUSTA	T5337PLRR	113	38.20	19.37	6.78	7.86	19.50	35.39	65.61	0.72	73.72	3462	23607
NK BRAND	N78-D6	115	38.20	18.39	6.43	7.76	22.22	39.93	64.65	0.70	72.19	3338	21856
MID-ATLANTIC SEEDS	MA8146Bt/RR	114	38.13	21.09	7.38	7.82	24.34 *	43.91 *	63.90	0.69	70.82	3228	23873
AUGUSTA	T-05-27CB	118	38.03	22.25	7.79	7.77	22.22	38.99	62.16	0.71	72.18	3358	26245
TRISLER BY AUGUSTA	T04-69CBCRW	111	37.93	19.12	6.69	7.81	19.64	35.31	64.84	0.72	72.98	3407	23849
T.A. SEEDS	TA7911	117	37.80	20.77	7.27	9.23 *	20.65	38.76	64.47	0.71	72.62	3376	24464
DEKALB	DKC64-81(YGCB)	114	37.77	19.16	6.71	8.62	21.01	39.54	67.79	0.72	74.02	3457	22851

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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).

Planted April 19, 2006. Harvested August 18-19, 2006.

Table 11. 2006 Corn Silage Test Results at the Southern Piedmont Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
PIONEER BRAND	33V16	116	37.76	25.07 *	8.77 *	7.65	21.63	38.94	65.71	0.72	73.48	3436	29540 *
MID-ATLANTIC SEEDS	MA7136BtCRW	113	37.75	20.01	7.00	8.52	20.43	38.15	65.96	0.73	74.34	3502	23390
TRISLER BY AUGUSTA	T5338PLRR	116	37.68	22.98	8.04	8.09	19.88	35.81	64.25	0.72	73.27	3434	27543
VIGORO	V58Y41	117	37.30	18.87	6.60	8.00	19.07	34.28	65.07	0.74 *	74.88	3561 *	23105
AUGUSTA	A-06-02HX	116	37.22	24.26 *	8.49 *	7.79	20.49	37.28	64.90	0.72	73.48	3444	30805 *
MID-ATLANTIC SEEDS	MA7150Bt/CRW/RR	115	37.10	22.80	7.98	7.82	20.65	37.12	65.58	0.73	74.40	3513	28569
NK BRAND	N82-J6	116	37.10	19.40	6.79	8.31	21.23	38.81	63.51	0.72	73.26	3435	23067
AUGUSTA	A5337	113	36.70	20.11	7.04	7.51	21.34	37.23	65.11	0.73	74.39	3516	25025
HUBNER	H4808Bt	115	36.65	19.74	6.91	7.63	19.85	35.75	65.23	0.73	74.45	3523	24420
TRISLER BY AUGUSTA	T-04-51RRCB	118	36.29	25.25 *	8.84 *	8.47	22.73	40.03	64.91	0.73	74.10	3490	30530 *
TRISLER BY AUGUSTA	T-04-105RR	119	35.97	20.59	7.20	7.73	22.30	39.84	64.05	0.72	73.21	3425	24867
MID-ATLANTIC SEEDS	MA7156Bt	115	35.96	22.53	7.88	7.79	23.67 *	43.56 *	67.26	0.72	73.95	3448	26638
MID-ATLANTIC SEEDS	MA9189Bt/RR	118	35.84	23.52 *	8.23	7.90	21.15	38.21	65.18	0.74 *	74.70	3539	28380
TRISLER BY AUGUSTA	T04-102CB	118	35.73	21.71	7.60	7.92	20.80	37.66	66.93	0.74 *	75.07	3556 *	26912
TRISLER BY AUGUSTA	T-06-14CB	119	35.64	19.38	6.78	8.33	21.59	39.19	64.95	0.74 *	74.89	3555 *	24026
T.A. SEEDS	TA686-03	113	35.61	18.51	6.48	8.70	20.80	38.43	62.88	0.73	73.85	3488	22603
PIONEER BRAND	31R87	118	35.55	21.52	7.54	7.68	22.37	38.90	63.42	0.73	74.12	3505	27167
AUGUSTA	A5338	116	35.42	21.72	7.60	7.76	19.53	35.37	65.32	0.75 *	75.55	3611 *	27166
DEKALB	DKC67-23(RR2/ YGCB)	117	35.41	16.75	5.86	8.10	22.24	39.98	62.27	0.70	71.52	3304	20336
VIGORO	V59YR52	119	34.81	21.28	7.45	8.06	21.34	37.27	62.72	0.73	73.93	3497	25720

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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).

Planted April 19, 2006. Harvested August 18-19, 2006.

Table 11. 2006 Corn Silage Test Results at the Southern Piedmont Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
CLARK	CL 917	117	34.70	24.45 *	8.56 *	8.30	23.41 *	40.81	63.52	0.73	73.94	3488	27857
TRISLER BY AUGUSTA	T-06-33RRCB	118	34.68	21.49	7.52	8.01	23.30 *	40.34	61.85	0.73	73.58	3474	27056
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	34.66	21.44	7.51	8.88 *	19.53	36.68	65.87	0.75 *	75.57	3607 *	28126
HUBNER	H4825CB	118	34.66	21.19	7.42	8.12	21.10	37.30	63.49	0.74 *	74.44	3532	27098
HUBNER	H3838RR	118	34.55	22.97	8.04	8.55	21.31	38.47	66.25	0.74 *	75.28	3577 *	29649 *
DOEBLERS	S707Q	115	34.54	20.82	7.29	8.59	23.19 *	41.52 *	61.87	0.72	72.79	3409	25358
NK BRAND	1851W	118	34.43	20.70	7.25	8.54	23.99 *	43.86 *	66.78	0.72	74.18	3472	25772
MID-ATLANTIC SEEDS	MA9152	115	34.31	20.73	7.25	8.00	22.67	39.90	62.30	0.73	73.43	3458	26446
AUGUSTA	A-04-102	118	34.23	19.29	6.75	7.73	24.00 *	41.60 *	64.52	0.72	73.60	3451	23312
SOUTHERN STATES	842RR2YG	120	34.14	22.11	7.74	8.75	20.89	38.69	66.38	0.74 *	75.24	3572 *	28405
SOUTHERN STATES	791CL	116	33.88	19.09	6.68	8.90 *	20.98	39.19	66.23	0.73	74.63	3523	24120
TRISLER BY AUGUSTA	T-04-94RRCB	119	33.77	24.12 *	8.44 *	8.20	23.95 *	41.84 *	62.83	0.74 *	74.34	3526	28739
TRISLER BY AUGUSTA	T-06-15RRCB	119	33.71	25.07 *	8.78 *	7.96	23.27 *	40.62	65.80	0.74 *	75.36	3583 *	32159 *
VIGORO	V62R66	121	33.63	23.25	8.14	8.28	23.06 *	40.29	64.30	0.73	74.33	3514	29966 *
VATECH	BMR101	115	32.83	18.05	6.32	8.65	21.86	39.88	75.57 *	0.75 *	77.68 *	3687 *	23561
TRISLER BY AUGUSTA	T-04-103RRCB	119	32.12	22.73	7.95	8.02	22.98 *	40.74	65.97	0.74 *	75.62	3602 *	28098
NK BRAND	N91-J1	124	31.49	25.74 *	9.01 *	8.22	24.91 *	43.17 *	62.46	0.72	73.60	3470	31795 *
	Location Average		36.63	21.02	7.36	8.16	21.32	38.50	64.69	0.72	73.54	3448	25538
	C.V.		5.67	8.88	8.88	3.92	6.97	5.57	1.92	2.14	1.71	3	9
	LSD (0.10)		2.49	2.24	0.78	0.44	2.06	2.98	1.72	0.02	1.75	138	3182

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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).

Planted April 19, 2006. Harvested August 18-19, 2006.

Table 12. Two-year Average Corn Silage Test Results (2005 and 2006) at the Southern Piedmont Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
DOEBLERS	648RYG	111	41.04	19.37	6.78	8.27	22.25	38.17	64.27	0.67	68.94	3099	20700
MID-ATLANTIC SEEDS	MA9152	115	39.43	20.38 *	7.13 *	8.30	25.00 *	41.62 *	62.97	0.66	68.05	3039	22099
DOEBLERS	784XYG	117	39.32	18.69	6.54	8.24	21.50	36.64	65.69 *	0.70	71.31	3281	21611
VIGORO	V58Y41	117	39.19	18.44	6.45	8.28	22.85	38.30	65.69 *	0.69	70.73	3236	20704
HUBNER	H4808Bt	115	38.83	19.34	6.77	8.04	21.89	37.43	65.61 *	0.70	71.88 *	3323 *	22269
DOEBLERS	761BDT	116	38.72	17.88	6.26	9.08	22.79	40.02	64.67	0.69	70.43	3216	19815
NK BRAND SEEDS	N82-J6	116	38.43	18.89	6.61	8.92	23.21	40.41	64.27	0.69	70.32	3208	21037
DOEBLERS	S707Q	115	36.59	18.42	6.45	9.01	25.70 *	43.42 *	61.94	0.68	69.49	3163	20392
VIGORO	V59YR52	119	36.39	20.47 *	7.16 *	8.42	24.49 *	40.61	62.81	0.69	70.44	3232	22944
SOUTHERN STATES	842RR2YG	120	36.26	19.86 *	6.95 *	8.99	23.52	41.14	67.07 *	0.71	72.29 *	3343 *	23343
TRISLER BY AUGUSTA	T-04-105RR	119	36.23	17.62	6.17	8.66	23.92	40.84	64.52	0.70	71.50	3301	20034
VIGORO	V62R66	121	35.98	20.30 *	7.11 *	8.67	25.44 *	42.37 *	63.83	0.69	70.64	3238	23351
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	35.84	20.43 *	7.15 *	9.14 *	22.33	39.26	65.06	0.71	72.58 *	3387 *	24528 *
TRISLER BY AUGUSTA	T-04-94RRCB	119	35.72	21.24 *	7.44 *	8.69	24.25 *	41.22 *	64.59	0.71	72.21 *	3358 *	24103 *
HUBNER	H3838RR	118	35.53	21.08 *	7.38 *	8.91	23.35	39.80	65.28	0.72 *	72.73 *	3396 *	25191 *
PIONEER BRAND	31R87	118	35.19	19.84 *	6.94 *	8.08	24.88 *	41.65 *	63.63	0.71	72.11 *	3359 *	23440 *
	Location Average		37.42	19.52	6.83	8.61	23.59	40.18	64.49	0.70	70.98	3261	22223
	C.V.		5.74	9.36	9.37	3.58	7.45	6.12	2.57	2.22	1.89	3	9
	LSD (0.10)		1.80	1.53	0.54	0.28	1.59	2.23	1.49	0.01	1.21	93	1806

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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 (2004 to 2006) at the Southern Piedmont Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
VIGORO	V58Y41	117	41.89	21.57 *	7.55	7.75	24.46	40.53	62.56 *	0.67	68.94	3094	23360
DOEBLERS	S707Q	115	41.28	21.90 *	7.66	8.29 *	26.90 *	44.93 *	59.17	0.66	67.18	2985	22765
NK BRAND SEEDS	N82-J6	116	39.75	21.37 *	7.48	8.63 *	23.95	41.62	62.25 *	0.67	69.43	3135	23383
TRISLER BY AUGUSTA	T-04-94RRCB	119	39.32	24.20 *	8.47 *	8.44 *	23.75	40.67	62.95 *	0.69 *	70.87 *	3246 *	27051 *
	Location Average		40.56	22.26	7.79	8.28	24.77	41.94	61.73	0.67	69.11	3115	24140
	C.V.		7.80	10.97	10.97	4.74	11.39	9.26	3.38	2.95	2.61	4	11
	LSD (0.10)		2.22	1.72	0.60	0.29	2.09	2.88	1.54	0.01	1.34	101	1891

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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. 2006 Corn Silage Test Results at the Northern Piedmont Site.

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Days to Silk	Ear Height	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	Days	inches	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
NK BRAND	N72-G8	112	46.73	19.20	6.72	67	48	8.21	25.15	44.59	61.46	0.62	65.00	2782	18695
MID-ATLANTIC SEEDS	MA8088RR	108	44.52	19.98	6.99	69	46	7.86	29.08	48.85 *	58.91	0.60	63.03	2648	19266
PIONEER BRAND	33M53	112	44.44	21.56	7.55	70	45	8.16	27.19	45.91	58.12	0.61	63.21	2671	20504
T.A. SEEDS	TA686-03	113	44.41	18.72	6.55	66	47	8.18	27.91	47.64	59.14	0.62	64.69	2781	19122
PIONEER BRAND	34B24	111	44.16	20.17	7.06	71	44	8.71	25.21	43.86	62.86	0.64	66.40	2880	20312
DOEBLERS	648RYG	111	44.06	18.33	6.41	68	44	8.39	26.25	45.15	59.61	0.62	64.78	2782	18467
DEKALB	DKC64-81(YGCB)	114	43.64	18.74	6.56	69	46	8.42	25.80	44.44	60.66	0.63	65.62	2840	18911
TRISLER BY AUGUSTA	T04-69CBCRW	111	43.31	18.29	6.40	67	43	8.22	27.78	47.08	60.80	0.62	64.97	2784	17837
DEKALB	DKC63-39(RR2/ YGPL)	113	43.29	18.62	6.52	66	44	8.45	25.17	43.66	58.54	0.63	64.49	2768	18030
TRISLER BY AUGUSTA	T5337PLRR	113	43.04	20.13	7.05	69	48	8.01	27.52	46.33	61.17	0.62	65.19	2797	19777
AUGUSTA	A-06-04HX	113	42.93	19.82	6.94	69	47	7.54	28.83	48.50 *	58.22	0.61	63.80	2720	19008
PIONEER BRAND	33V16	116	42.88	21.55	7.54	72	49	7.82	27.10	46.31	59.83	0.64	66.01	2880	22190 *
ASGROW	RX785RR2/YGCB	113	42.85	18.20	6.37	68	47	8.39	27.27	46.41	58.33	0.62	64.36	2762	17722
NK BRAND	N65-C5	109	42.84	16.09	5.63	70	43	9.09 *	24.06	41.93	60.39	0.65	66.76	2933	16114
DOEBLERS	731XY	115	42.39	18.36	6.43	72	52	8.38	28.59	47.89	56.21	0.61	63.06	2683	17282
AUGUSTA	A-06-03HX	111	42.37	20.63	7.22	69	52	8.16	29.52 *	49.06 *	59.30	0.61	64.07	2730	19932
AUGUSTA	A-06-13	114	42.33	19.83	6.95	71	53	7.79	32.13 *	52.59 *	58.15	0.60	62.70	2636	19856
DEKALB	DKC66-23(RR2/ YGCB)	116	42.30	19.94	6.98	70	48	8.32	25.77	44.65	60.35	0.64	66.47	2911	21718
AUGUSTA	T-05-27CB	118	42.27	22.53 *	7.89 *	72	52	8.04	28.17	46.78	57.33	0.62	64.08	2751	21864 *
DEKALB	DKC61-22(RR2)	111	42.26	19.56	6.85	68	48	8.22	27.25	46.56	58.02	0.62	64.20	2751	19109
GARST	8313CB/LL	114	42.00	21.03	7.36	69	48	8.02	26.78	45.84	59.29	0.63	65.16	2817	20712
TRISLER BY AUGUSTA	T-06-14CB	119	41.75	20.45	7.16	71	51	8.58	29.72 *	50.21 *	62.43	0.62	65.32	2793	20316
AUGUSTA	A5337	113	41.55	20.73	7.25	69	47	7.74	27.94	46.95	60.19	0.64	65.88	2866	21337

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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).

Planted May 1, 2006. Harvested August 15, 2006.

Table 14. 2006 Corn Silage Test Results at the Northern Piedmont Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Days to Silk	Ear Height	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	Days	inches	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
T.A. SEEDS	TA780-13	117	41.52	19.26	6.74	70	49	8.54	26.74	45.56	61.18	0.64	65.98	2862	19879
GARST	8380IT	114	41.47	20.50	7.18	68	49	7.93	27.19	45.89	58.97	0.64	65.79	2871	20923
SEED CONSULTANTS	SC11BR77	117	41.46	19.55	6.85	72	51	8.03	28.88	49.55 *	57.54	0.61	63.38	2694	18318
NK BRAND	N82-A7	118	41.05	20.60	7.21	72	53	7.54	29.75 *	49.54 *	57.22	0.61	63.33	2694	19493
NK BRAND	N76-Y4	114	41.00	19.25	6.74	71	47	7.96	25.38	44.21	58.70	0.64	66.21	2906	19645
DEKALB	DKC67-23(RR2/ YGCB)	117	40.86	21.07	7.38	69	51	8.05	27.40	45.81	56.95	0.62	64.43	2782	21157
DOEBLERS	761BDT	116	40.86	18.92	6.62	71	45	8.89 *	26.10	46.13	59.97	0.64	65.77	2858	18946
GARST	8294YG1/IT	118	40.63	18.68	6.54	68	51	7.91	26.96	46.37	61.73	0.64	66.88	2929	18727
DOEBLERS	S707Q	115	40.54	20.84	7.30	71	51	8.15	28.53	48.66 *	57.23	0.63	64.71	2805	20907
MID-ATLANTIC SEEDS	MA8146Bt/RR	114	40.47	19.73	6.91	73	45	7.84	30.36 *	50.19 *	55.80	0.63	64.09	2775	18683
CROPLAN GENETICS	691 BT/LL	113	40.35	17.94	6.28	69	50	8.15	27.48	46.21	59.54	0.64	66.07	2887	18366
NK BRAND	N76-M5	115	40.33	17.63	6.17	69	48	8.34	25.47	44.35	61.47	0.65	66.98	2941	17949
DOEBLERS	784XYG	117	40.27	19.88	6.96	70	48	7.85	27.28	45.49	59.36	0.64	66.24	2903	21173
AUGUSTA	A-04-102	118	40.19	19.59	6.86	71	51	7.99	27.54	47.03	58.26	0.63	65.18	2830	19675
SEED CONSULTANTS	SC1195	119	40.18	21.32	7.46	74 *	56 *	8.07	31.53 *	52.50 *	57.88	0.62	63.73	2722	20766
NK BRAND	N78-D6	115	40.13	17.82	6.24	71	47	9.02 *	27.39	46.45	60.80	0.65	66.69	2924	18509
VIGORO	V58Y41	117	40.08	17.77	6.22	72	47	8.15	27.92	46.49	59.25	0.63	65.83	2870	18402
MID-ATLANTIC SEEDS	MA7136BtCRW	113	39.86	19.71	6.90	68	51	8.73	25.46	44.66	61.14	0.66	67.93	3020	21714
HUBNER	H4808Bt	115	39.83	20.83	7.29	72	43	8.27	24.94	43.10	60.77	0.66	68.26	3052	22336 *
DEKALB	DKC61-68(RR2/ YGRW)	111	39.79	18.69	6.54	66	44	8.54	24.82	42.85	58.54	0.65	66.90	2964	18842
MID-ATLANTIC SEEDS	MA9152	115	39.78	20.07	7.03	71	49	8.22	29.72 *	49.39 *	55.91	0.62	63.55	2729	19520
MID-ATLANTIC SEEDS	MA7150Bt/CRW/ RR	115	39.75	20.08	7.03	70	48	8.06	30.59 *	50.11 *	56.08	0.63	63.92	2758	18647

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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).

Planted May 1, 2006. Harvested August 15, 2006.

Table 14. 2006 Corn Silage Test Results at the Northern Piedmont Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Days to Silk	Ear Height	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	Days	inches	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
AUGUSTA	A-06-02HX	116	39.68	22.78 *	7.97 *	71	57 *	7.99	29.44 *	48.84 *	56.69	0.62	63.94	2750	22415 *
GARST	8378YG1	114	39.65	20.33	7.12	70	52	8.14	25.67	44.32	60.59	0.66	67.73	3010	21703
PIONEER BRAND	31G71	116	39.61	22.35 *	7.82 *	73	54	8.11	24.87	43.35	59.48	0.66	68.08	3050	24105 *
SEED CONSULTANTS	SC11B45	114	39.57	20.67	7.24	71	49	7.91	26.76	44.98	58.81	0.64	66.29	2916	21324
TRISLER BY AUGUSTA	T-04-105RR	119	39.47	19.05	6.67	72	53	8.13	28.73	48.20	58.80	0.63	65.34	2838	19301
NK BRAND	N82-J6	116	39.37	21.24	7.44	72	51	8.07	26.93	46.10	57.78	0.64	65.49	2858	22140 *
SEED CONSULTANTS	SC11B55	115	39.02	22.23 *	7.78 *	72	53	8.18	29.13	48.37	59.45	0.63	65.56	2848	22727 *
GARST	8247YG1	117	38.95	21.95 *	7.68 *	71	53	8.36	26.29	45.04	59.43	0.66	67.73	3021	24479 *
TRISLER BY AUGUSTA	T-04-51RRCB	118	38.39	20.48	7.17	73	53	8.47	30.47 *	49.72 *	57.52	0.64	65.36	2854	20544
PIONEER BRAND	31R87	118	37.96	21.53	7.54	72	53	7.85	29.28 *	48.18	57.41	0.65	66.11	2917	22505 *
SEED CONSULTANTS	SC11BR46	116	37.79	21.32	7.46	72	55 *	7.81	30.23 *	49.18 *	55.30	0.63	63.89	2761	20483
TRISLER BY AUGUSTA	T5338PLRR	116	37.67	19.20	6.72	71	46	8.51	27.31	45.85	59.73	0.66	67.57	3007	20526
TRISLER BY AUGUSTA	T04-102CB	118	37.62	22.12 *	7.74 *	72	52	8.55	25.03	44.06	61.31	0.67	69.22	3123	24091 *
MID-ATLANTIC SEEDS	MA7156Bt	115	37.53	21.00	7.35	73	51	8.12	28.68	48.51 *	58.44	0.65	66.31	2921	22359 *
VIGORO	V59YR52	119	37.40	18.19	6.37	73	51	8.08	30.14 *	50.15 *	55.08	0.63	64.27	2797	17765
CROPLAN GENETICS	851 TS	118	37.36	18.13	6.34	71	49	8.53	26.49	45.11	60.26	0.66	68.08	3043	19209
SEED CONSULTANTS	SC11BR96	118	37.12	21.89 *	7.66 *	72	58 *	8.02	31.13 *	51.56 *	56.36	0.63	64.42	2797	22166 *
TRISLER BY AUGUSTA	T-04-103RRCB	119	37.08	21.29	7.45	72	56 *	8.42	30.13 *	50.88 *	60.77	0.64	66.63	2919	21878 *
SOUTHERN STATES	791CL	116	36.76	20.18	7.06	73	51	9.16 *	28.73	49.39 *	59.93	0.65	66.99	2958	21627
CLARK	CL 917	117	36.63	23.62 *	8.27 *	73	53	8.02	30.18 *	49.20 *	54.57	0.63	64.41	2813	24262 *

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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).

Planted May 1, 2006. Harvested August 15, 2006.

Table 14. 2006 Corn Silage Test Results at the Northern Piedmont Site. (cont.)

Brand	Hybrid[1]	DTM per Co.[2]	DM at Harvest	Yield at 35% DM	DM Yield	Days to Silk	Ear Height	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	Days	inches	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
AUGUSTA	A5338	116	36.52	19.99	7.00	71	48	8.33	26.38	44.53	59.01	0.68 *	68.86	3118	21907 *
TRISLER BY AUGUSTA	T-06-33RRCB	118	36.28	19.15	6.70	72	52	8.22	27.69	46.81	57.04	0.65	66.62	2963	20034
MID-ATLANTIC SEEDS	MA9189Bt/RR	118	36.10	19.99	7.00	73	53	8.56	28.82	48.65 *	59.78	0.65	67.38	2991	20488
VATECH	BMR101	115	35.73	20.57	7.20	73	52	8.40	28.87	48.77 *	72.93 *	0.70 *	73.94 *	3364 *	24709 *
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	35.63	20.10	7.03	72	51	9.07 *	29.29 *	50.52 *	60.42	0.66	68.03	3036	22464 *
HUBNER	H4825CB	118	35.45	21.24	7.44	73	53	8.27	29.35 *	48.81 *	56.98	0.65	66.30	2937	21839
SEED CONSULTANTS	SC11RR86M	118	35.45	21.26	7.44	73	55 *	7.98	31.48 *	51.01 *	56.80	0.64	65.14	2848	21538
TRISLER BY AUGUSTA	T-06-15RRCB	119	35.33	22.36 *	7.83 *	73	55 *	8.31	30.95 *	50.92 *	57.45	0.64	65.89	2901	23219 *
SOUTHERN STATES	842RR2YG	120	35.32	20.43	7.15	73	49	9.03 *	27.06	46.87	61.57	0.69 *	70.03	3185	22975 *
TRISLER BY AUGUSTA	T-04-94RRCB	119	35.18	20.76	7.27	71	57 *	8.18	30.91 *	51.43 *	55.26	0.64	64.94	2851	21875 *
CROPLAN GENETICS	827 RR2	118	35.16	21.42	7.50	73	53	8.12	29.62 *	49.14 *	56.63	0.65	66.80	2983	22834 *
CROPLAN GENETICS	DS822 RR2/BT	119	35.16	19.71	6.90	72	50	8.82 *	29.24 *	50.13 *	58.67	0.65	67.03	2977	20966
HUBNER	H3838RR	118	34.30	20.05	7.02	73	52	8.69	31.36 *	52.16 *	55.89	0.64	64.91	2844	20426
NK BRAND	N91-J1	124	32.15	22.73 *	7.96 *	73	53	8.55	31.54 *	52.21 *	56.58	0.65	66.08	2930	23147 *
	Location Average		39.76	20.15	7.05	71	50	8.25	28.05	47.40	58.94	0.64	65.78	2872	20566
	C.V.		5.38	7.98	7.98	2	6	3.32	7.41	6.24	2.63	3.10	2.53	4	10
	LSD (0.10)		2.58	1.94	0.68	1	4	0.38	2.90	4.12	2.16	0.03	2.32	178	2851

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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).

Planted May 1, 2006. Harvested August 15, 2006.

Table 15. Two-year Average Corn Silage Test Results (2005 and 2006) at the Northern Piedmont Site.

Brand	Hybrid	DTM per Co.[1]	DM at Harvest	Yield at 35% DM	DM Yield	Crude Protein	ADF	NDF	NDF Digest.	NE_L	TDN	Milk2006	Milk2006
		--Days--	%	ton/acre	ton/acre	----------%----------				Mcal/lb	%	lb milk/ton	lb milk/acre
PIONEER BRAND	34B24	111	38.39	21.49	7.52	8.59	26.26	44.33	65.98 *	0.68 *	70.22 *	3181 *	24251
DOEBLERS	648RYG	111	37.68	19.54	6.84	8.53	25.86	43.39	62.39	0.68 *	69.27 *	3139 *	22046
MID-ATLANTIC SEEDS	MA9152	115	36.93	22.93 *	8.03 *	8.20	28.58	46.16	59.96	0.65	66.81	2968	24581 *
TRISLER BY AUGUSTA	T-04-105RR	119	36.86	23.18 *	8.11 *	8.35	28.38	46.30	61.85	0.66	67.97	3040	25732 *
SEED CONSULTANTS	SC11B45	114	36.85	22.38 *	7.83 *	8.03	26.60	43.91	61.90	0.68 *	69.21 *	3139 *	25147 *
VIGORO	V58Y41	117	36.58	21.30	7.46	8.27	26.22	42.98	63.38	0.68 *	69.88 *	3181 *	24848 *
DOEBLERS	S707Q	115	36.34	23.02 *	8.06 *	8.48	28.44	46.98	60.55	0.66	67.82	3043	25196 *
T.A. SEEDS	TA780-13	117	36.16	22.00	7.70	8.47	27.67	45.26	64.01	0.67	69.05 *	3105 *	24771 *
SEED CONSULTANTS	SC11B55	115	36.01	23.74 *	8.31 *	8.27	28.09	45.84	62.93	0.67	68.70	3089 *	26291 *
SEED CONSULTANTS	SC1195	119	36.00	23.29 *	8.15 *	8.02	30.22 *	49.03 *	62.27	0.66	67.72	3018	25242 *
DOEBLERS	761BDT	116	35.83	21.03	7.36	9.00 *	26.95	45.62	62.97	0.67	69.00 *	3111 *	23041
DOEBLERS	784XYG	117	35.77	20.95	7.33	8.16	27.44	44.88	62.52	0.68 *	69.27 *	3138 *	23671
HUBNER	H4808Bt	115	35.43	21.90	7.67	8.34	26.56	43.84	63.02	0.68 *	69.89 *	3183 *	24470 *
PIONEER BRAND	31R87	118	34.10	21.71	7.60	7.97	30.39 *	48.51 *	60.14	0.66	67.37	3011	23147
MID-ATLANTIC SEEDS	MA7197Bt/RR	119	33.92	21.40	7.49	9.00 *	28.22	47.38	63.69	0.69 *	70.04 *	3189 *	24644 *
VIGORO	V59YR52	119	33.77	21.13	7.40	8.30	29.54 *	47.81	59.29	0.66	67.27	3013	22902
TRISLER BY AUGUSTA	T-04-94RRCB	119	33.37	22.58 *	7.90 *	8.79 *	29.65 *	48.90 *	60.48	0.67	68.14	3072	25178 *
SOUTHERN STATES	842RR2YG	120	32.92	21.56	7.54	8.99 *	28.30	47.31	64.07	0.69 *	70.22 *	3198 *	24358 *
HUBNER	H3838RR	118	32.48	21.38	7.48	8.83 *	31.08 *	50.44 *	59.69	0.66	66.91	2981	22834
	Location Average		35.55	21.92	7.67	8.45	28.13	46.26	62.16	0.67	68.67	3095	24334
	C.V.		6.37	9.07	9.07	3.54	6.17	5.21	2.31	2.77	2.30	4	9
	LSD (0.10)		1.91	1.67	0.59	0.27	1.56	2.16	1.29	0.02	1.41	110	2038

[1] Hybrids are arranged in descending order of dry matter at harvest.

[2] 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).

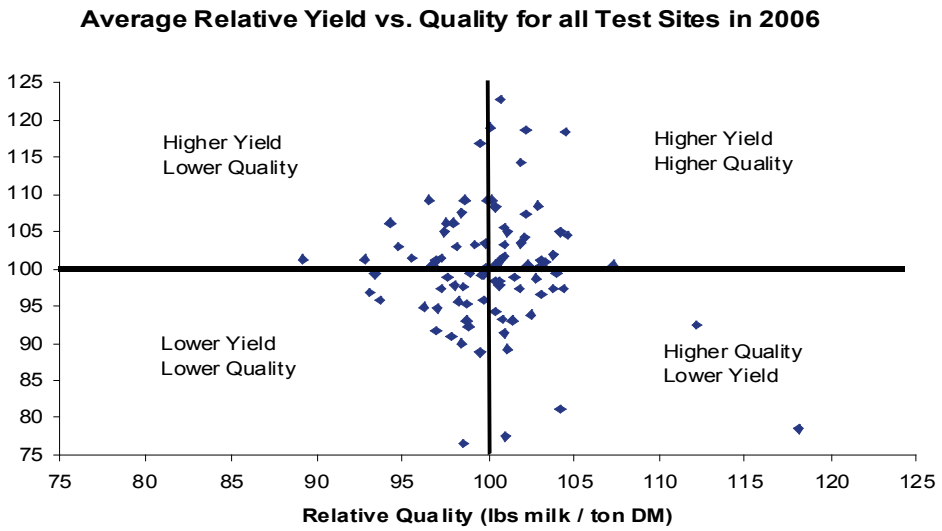
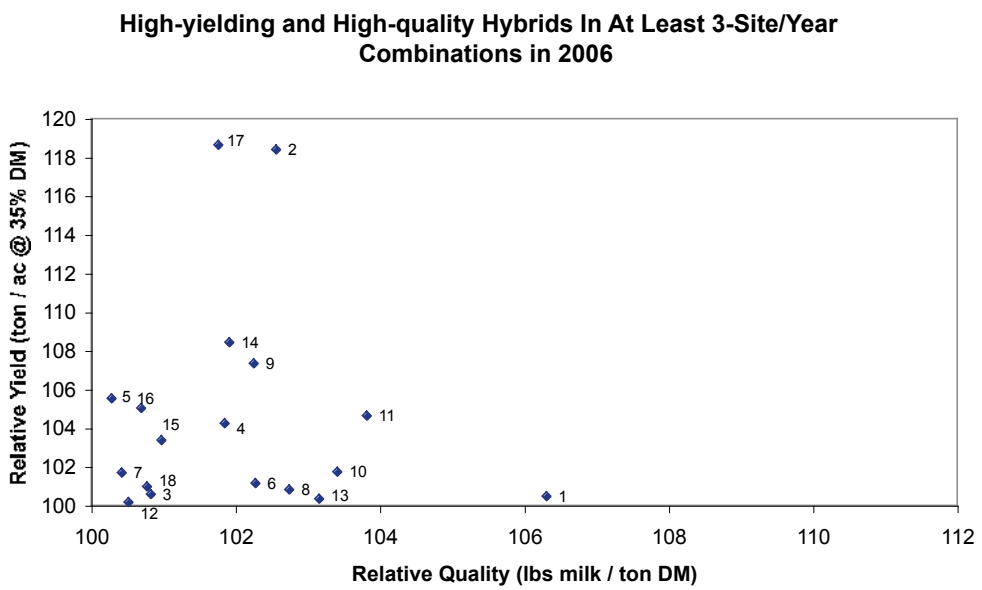


Figure 1. Average Relative Yield vs. Quality for all Test Sites in 2006



Point ID	Brand	Hybrid	Point ID	Brand	Hybrid
1	AUGUSTA	A5338	10	PIONEER BRAND	34B24
2	GARST	8247YG1	11	SEED CONSULTANTS	SC11B45
3	GARST	8378YG1	12	SOUTHERN STATES	791CL
4	GARST	8380IT	13	SOUTHERN STATES	842RR2YG
5	HUBNER	H4825CB	14	TRISLER BY AUGUSTA	T04-102CB
6	MID-ATLANTIC SEEDS	MA7136BtCRW	15	TRISLER BY AUGUSTA	T-04-103RRCB
7	MID-ATLANTIC SEEDS	MA7156Bt	16	TRISLER BY AUGUSTA	T-04-94RRCB
8	MID-ATLANTIC SEEDS	MA7197Bt/RR	17	TRISLER BY AUGUSTA	T-06-15RRCB
9	MID-ATLANTIC SEEDS	MA9189Bt/RR	18	TRISLER BY AUGUSTA	T-06-33RRCB

Figure 2. High yielding and high quality hybrids in at least 3 site/year combinations in 2006.

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