Animal and Dairy Science Department
Rhodes Center for Animal & Dairy Science

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GEORGIA DAIRYFAX

http://www.ads.uga.edu/extension/newsletters.html

October November December 2014

Dear Dairy Producers:

The enclosed information was prepared by the University of Georgia Animal and Dairy Science faculty in Dairy Extension, Research & Teaching. We trust this information will be helpful to dairy farmers and dairy related businesses for continued improvement of the Georgia Dairy Industry.

INSIDE THIS ISSUE: October, November, and December 2014

Sincerely,

Wm. Graves

William M. Graves
Professor & Extension Dairy Scientist
wgraves@uga.edu

County Extension Director or County Agent

Jerseys Find their Way Back to UGA

Jillian Fain Bohlen

On Thursday morning December 4th, 2014, the UGA Dairy in Athens received an early Christmas present! Thanks to a generous donation from alumnus C.A. Russell and Yosemite Jersey Dairy, the UGA Dairy Farm in Athens welcomed a group of 6 Jersey heifers into the herd. Their arrival makes for herd composition that has not been seen in 40 years. Additionally, these Jerseys mark a renewed invigoration to our program that we are incredibly thrilled about.

The donated heifers are elite and recognized as being in the top 1.5% of the breed! These Jerseys will be part of an educational team called "Jersey Active Management by Students" or "JAMS" that will be directly immersed in the management of this Jersey herd. This team has already been up and running with a JAMS group learning about pedigree reading, familial lines, type trait analysis and PTA analysis in order to select the final six animals that would join the herd. The ability to actually select the next generation of UGA dairy animals was a tremendous opportunity for these students and the type that will be continually offered through the JAMS program.

In the upcoming semester, a new team of students comes on board to plan the mating for the first set of calves from these tremendous heifers. These students will work with industry representatives on matings, discuss potential contract work and pursue additional options in the herd's reproductive management.

As a part of this new venture, many students are interested in the history of the Jersey cow as part of UGA. They have located pictures and some stories but would like to hear from any of you that have any information. Please share any information you might know as they attempt to recount this historical journey.

Jillian Bohlen
jfain@uga.edu
706-542-9108

The group is happy, proud, and excited to share this news with the producers of GA and hope you all will join in the enthusiasm for some of these upcoming endeavors. This change to the dynamics of the UGA herd in Athens is in an effort to further foster and develop both teaching and extension programs.

To see the video created by the JAMS group to announce their Jersey selection, please visit:

https://www.youtube.com/watch?v=a9DUzmvc5N0

The team of students that worked to select these animals included:
Elyssa Jacob, Simone Lalvani, Kendall Lee, Carleen Porter, Kelly Scheulin, Joseph Seta, Olivia Valenta, Vicotria Weaver, and Emily Wright.

Welcome Home, Jerseys, Welcome Home

New UGA Jersey Heifers…

Affectionately Named
(Theme for Offspring Naming)

Herschel
(Great People of UGA)

Glory
(Themes or Anthems of UGA)

Athens
(The Town of UGA)

Archy
(Symbols of UGA)

Sanford
(Great Places on Campus)

Russell
(All about the wonderful C.A. Russell that donated this great group of heifers)

A Few Members of the UGA JAMS team

Left – Right:
Simone Lalvani, Joseph Seta, Emily Wright – all Animal and Dairy Science Undergraduate Students

Adored Upon Arrival

Left – Right:
Dr. Keith Bertrand – ADS Department Head, Dr. Jillian Bohlen – Dairy Extension Specialist and JAMS team leader, Lark Widener – Dairy Graduate Student, Amy Harding – Dairy Graduate Student, and Sarah Jane Thomsen – Animal and Dairy Science Undergraduate Student

Don’t Overlook Proper Udder Prep to Maximize Milk Quality

Stephen C. Nickerson (scn@uga.edu)

Introduction

Most management practices to prevent mastitis and improve milk quality revolve around the milking process itself. It is during milking time that the bacteria that cause mastitis as well as those that can elevate the bulk tank standard plate count can enter teat cup liners and be spread from cow to cow. The seven recommended practices below will help to reduce the bacterial load on teat surfaces, minimize the development of new infections, and improve milk quality.

1. Wearing of gloves. The wearing of disposable latex or nitrile gloves in the milking parlor is recommended to reduce the transfer of mastitis-causing bacteria from milkers’ hands to cows’ teats during the milking process. Bacteria that can cause mastitis naturally colonize the skin of human hands; likewise, bacteria originating from infected udders can contaminate our hands. Both can serve as sources of new infection during the udder preparation process as milkers forestrip teats, so by wearing gloves, cows’ teat skin is protected against bacteria residing on our hands. Additionally, bacteria are less likely to adhere to the smooth surface of gloves compared with the rough texture of milkers’ hands, thus fewer pathogens are transferred to cows’ teats. Of course, if gloves become heavily soiled with mud and manure, they should be replaced or washed in sanitizing solution.

2. Forestripping. This practice involves the manual removal of several streams of milk from each mammary quarter of the udder prior to machine attachment as part of the premilking udder preparation routine. The purpose of forestripping is to: 1) flush the teat canal of bacteria and other organic contaminants that could elevate bulk tank bacteria counts and cause machine-induced infections; 2) allow the milker to observe milk for any abnormalities, such as clots or flakes associated with clinical mastitis, so that affected cows can be separated and treated; and 3) promote milk let-down.

3. Predipping. The practice of immersing teats in a germicidal solution prior to milking (predipping) kills a large number of bacteria on the teat skin and reduces the chances of them entering the teat canal and causing mastitis. The germicide is applied by dipping, spraying, towels, or as a foam, and must remain on the teat skin for 30 seconds to allow sufficient time for microbiocidal activity to take place. Predipping is 40 to 50% effective in preventing new infections by environmental pathogens such as *Escherichia coli, Klebsiella, Enterobacter, Citrobacter, Serratia, Streptococcus uberis, and Strep. dysgalactiae,* and is even effective against the contagious pathogen *Staph. aureus.*

4. Drying teats prior to milking. After sanitization, teats must be dried prior to machine attachment to remove: 1) germicidal residues, 2) bacteria, and 3) organic material such as dirt, bedding material, and manure. Recommendations for drying include single-service paper towels or individual, rewashable cloth towels. After teats are prepared, the milking machine is applied, usually within 1 minute of forestripping to take maximum advantage of the milk letdown response. The milker holds the claw in hand, the vacuum is turned on, and the 4 teat cups are applied with minimal intake of air. Milk begins flowing immediately, and the machine may need adjusting so that it hangs squarely and straight down from the cow. Maximal intramammary pressure caused by milk letdown continues for about 5 minutes, and most cows will milk out in 5 to 7 minutes. Shortly after that, milk flow will decrease to a point where automatic take-offs cause the milking machine to detach.

5. Automatic take-offs. Automatic take-offs detect a low flow of milk from the teat end and cause the milking cluster to detach from the udder, whether the cow is fully milked out in all four quarters or not. This action prevents over-milking and helps to maintain proper teat end condition. Healthy teat canals and teat orifices are less prone to bacterial colonization and subsequent development of new infections.

6. Backflushing the milking unit. The process of backflushing sanitizes the milking cluster between cows to reduce the spread of contagious pathogens among cows during milking. This action includes a blast of sanitizer through the cluster and teat cups to disinfect the lining, followed by a blast of water to rinse out the sanitizer, and lastly, a blast of air to dry the system. This process is effective in removing contaminants from teat cup liners before placement on teats of uninfected cows and helps to reduce spread of the contagious mastitis-causing bacteria such as *Staph. aureus*.

7. Postdipping. The practice of immersing teats in a germicidal solution immediately after milking (postdipping) kills a large number of contagious bacteria on the teat skin that originate from contaminated teat cup liners and reduces the chances of them entering the dilated teat canal and causing mastitis. Postdipping is one of the points in the 5-point plan of mastitis control developed in the 1960s, and continues to be a major milking management practice to prevent new infections. The germicide is applied by dipping, spraying, inline sprayers, or as a foam. Postdipping is 50 to 95% effective in preventing new infections with the contagious pathogens such as *Staph. aureus* and *Strep. agalactiae.* The most common germicides used in postdip formulations is iodine (68.8%), followed by chlorhexidine (12.8%), fatty acid-based (6.8%), other-unspecified (3.9%), chlorine (2.0%), and quaternary ammonium (0.6%). To maximize effect, the entire teat surface that comes in contact with the teat cup liner should be covered.

UGA DAIRY HEIFER SHOW SCHEDULE - *All Ya'll Come!*

JUDGES: Mary & Michael Creek, Hagerstown, MD

Brooke Helton, Dairy Club Show Chair

Friday, February 6, 2015

3:00-5:00 PM Weigh-in at UGA Livestock Arena on South Milledge in Athens, GA.
6 PM- Youth Dairy Judging Contest (4H & FFA Youth) SEE PAGE 3.

Saturday, February 7, 2015

8:30 AM Exhibitor Meeting
9:00 AM Judging will begin with two rings of Showmanship classes.

Showmanship rotation will be posted on Friday late afternoon across from the rest rooms. Weight classes will follow Little Dawgs & Showmanship. Little Dawgs will show between showmanship and weight classes. Show entry form on PAGE 2. NOTE - HEIFERS WILL BE TIED TO RINGS AND CABLES! Two calves per ring will be assigned.

T-SHIRT DESIGN CONTEST

The design should be drawn using a heavy marker on standard 8 ½" x 11" plain white sheet of paper, postmarked by January 15, 2015, and sent to Dr. Jillian Bohlen, Rhodes Center for ADS, 425 River Road, The University of Georgia, Athens, GA 30602-2771.
This design must include:
1. The name of the show "18th Annual UGA Commercial Dairy Heifer Show"
2. The date of the show "February 7, 2015"
3. Limit of one or two colors and a color tee-shirt (ex. white, black, and red)
4. Include name and address on the design.

The winning design selected by the Dairy Science Club will receive a $50 award.

RULES AND REGULATIONS
2015 UGA Dairy Club COMMERCIAL DAIRY HEIFER SHOW

Requirements are based on the State Junior Commercial Dairy Heifer Show Rules and Regulations for the current year.

1. Dairy Heifers must be in possession by the exhibitor on or before November 15, 2014.
2. Heifers must be tagged with an official state ear tag on or before November 15, 2014. Tattoos & Photographs are required as stipulated by State Commercial Heifer Rules and Regulations.
3. **ALL ENTRIES MUST BE POSTMARKED AND MAILED WITH ENTRY FEE ($12.00 PER HEAD) BY JANUARY 15, 2015**. Make check payable to the UGA Dairy Science Club and mail to Dr. William Graves, Rhodes Center for ADS, 425 River Road, The University of Georgia, Athens, GA 30602-2771**.** ***Late entries received after the deadline will be charged $16*.**
4. All animals that are shown must have a current Health Paper by a certified veterinarian.
5. Agent or Teacher, exhibitor AND parent must sign the entry form.
6. An exhibitor can enter no more than three (3) head.
7. Heifers shall meet ALL requirements for the State show to be eligible.
8. Heifers will be sorted into classes by weight and judged accordingly.
9. Showmanship classes will be based on grade in school of exhibitor
10. STRAW IS NOT ALLOWED IN THE CATTLE BARN. Shavings will be provided.
11. An exhibitor will not be permitted to enter the show ring with another student's calf unless it belongs to an exhibitor with two entries in the same weight class OR two entries showing in weight classes in separate rings at the same time. Exhibitor's must show their own animal in showmanship.
12. Little Dawgs enter the morning of the show!

UGA COMMERCIAL DAIRY HEIFER SHOW
February 6-7, 2015
Athens, Georgia
UGA Livestock Instructional Arena

NAME_____

GRADE IN SCHOOL _____ EXHIBITOR'S AGE_____

(PLEASE PRINT) CIRCLE TEE-SHIRT SIZE: Youth S M L or Adult S M L XL XXL
Note: one tee-shirt is provided per exhibitor and size must be indicated.

EXHIBITOR'S ADDRESS_____

_____
(Route #, Box #, P.O. Box # and/or Street Address) (City) (Zip)

County or Chapter_____

ORGANIZATION: 4-H ( ) FFA ( )

Enter heifer information in the table below:

Tag #	Birth date of Heifer	Description (Breed, color, markings, etc.)
_____	_____	_____
_____	_____	_____
_____	_____	_____

All Rules and Regulations for the State Junior Commercial Dairy Heifer Show apply. All heifers must be individually tagged by November 15, 2014. See Georgia 4-H and FFA State Livestock Show Rules and Regulations for complete details.

I, we, do hereby certify that the above will maintain continuous full ownership, possession and provide daily care for the heifers from the time of entry until show day.

Signature of Exhibitor _____

Signature of Parent_____

_____
Signature of County Agent or Vo-Ag Teacher Phone e-mail

$12.00 entry fee, **per heifer**, must accompany this entry FORM. Make check payable to UGA Dairy Science Club (**DO NOT SEND CASH)** mail by **January 15, 2014** to: Dr. William Graves, Rhodes Center for ADS, 425 River Road, The University of Georgia, Athens, GA 30602-2771. **Late entries are $16 per head.** Entry fees are non-refundable. See cover letter/flyer for information regarding Tee-Shirt Design Contest and the Little Dawgs class.

A Dairy Judging Contest for 4-H & FFA members will be held at 6:00 PM Friday February 6, 2015. Five classes will be judged (The final class will represent the four class winners). Prizes will be awarded. Contest Coordinator: Meri Franks

To enter:

NAME_____

GRADE IN SCHOOL _____ EXHIBITOR'S AGE_____

EXHIBITOR'S ADDRESS_____

_____
(Route #, Box #, P.O. Box # and/or Street Address) (City) (Zip)

County or Chapter_____

ORGANIZATION: 4-H ( ) FFA ( )

Send with $5 to: Dr. William Graves, Rhodes Center for ADS, 425 River Road, The University of Georgia, Athens, GA 30602-2771.

Herd it Through the Bovine

Youth Corner

Dr. Jillian Bohlen and Dr. William Graves

At the University of Georgia, we are wrapping up another great semester in the books and preparing for the holidays. During this time, it's nice to reflect upon the past few months. Below are some highlights from students at UGA and their involvement in activities beyond the classroom and into the dairy industry!

UGA Dairy Judging Team

- The 2014 Team set UGA records at many national contests this year! Highlights include 3rd in Brown Swiss and 6th in reasons in Harrisburg PA, 1st in Holsteins and 3rd in Milking Shorthorns in Madison WI and 8th in reasons in Louisville KY. Brooke Helton was 2nd in Holsteins in WI and 1st in KY. Meri Franks was 10th in placing in WI and 1st in Guernseys at KY: Team members included: Brooke Helton, Zoe Latimer, Garrett Hibbs, and Meri Franks.

UGA Dairy Challenge Team

- Attended the Southern Region event in Salisbury, NC in preparation for the national contest this spring to be held in Syracuse, NY. During the Regional contest, teams are composites of universities and students from across the southeast. These composites are made in an effort to learn more than compete at the regional event. Team members included: Alicia Sweeney, Megan McGahee, Laila Nabavi, Stephanie Williammee, and Halie Tuten.

UGA Dairy Show Team

- Attended the GA National Fair Junior and Open Holstein Shows. This year's display and heifer placings were even better than last! This is always a great opportunity for students to get off campus, work with livestock, and interact with the public. Show Team Members included: Emily Wright, Sarah Jane Thomsen, Halie Tuten, Maddie Rose, Megan McGahee, Laila Nabavi, and Brooke Helton.

Be on the Lookout for the Dairy Science Club's New Shirt!!!

Looking Ahead to Exciting Opportunities…..

Spring 2015 Dates to Remember

UGA Commercial Dairy Heifer Show

- February 6th – 7th
- Athens, GA

GA 4-H and FFA State Commercial Dairy Heifer Show

- February 18th – 21st
- Perry, GA

State 4-H Dairy Judging Competition

- March 27th
- Athens, GA

Spring Dairy Show

- March 26th - 28th
- Athens, GA

State 4-H Dairy Quiz Bowl Competition

- April 18th
- Athens, GA

Spilt Milk

By

Lane O. Ely

Professor Emeritus

Animal and Dairy Science

One of the saddest sights on a dairy farm is watching milk being dumped down the drain. Recently, I worked with a farm that had to dump milk as they had a positive aflatoxin test in our milk. This was the first time that aflatoxin was in their milk that anyone could remember.

The dairy was notified by the plant that the milk had .75 ppb (parts per billion). Every load of milk is tested at the plant before being unloaded and processed. The legal limit for aflatoxin in milk is .5 ppb. This is because aflatoxin can cause cancer and since milk is a primary source of nutrients for infants, the level is low. To prevent aflatoxin in the milk the recommendation is that the feed be less than 20 ppb. This is because normally the dairy cow has a 40 to 1 conversion of aflatoxin in the feed to aflatoxin in the milk. Therefore, the limit in milk (.5) times the conversion factor (40) results in the 20 ppb limit in the feed. To be safe and to account for individual cow variation, the recommendation is for each feed ingredient be below 20 ppb of aflatoxin.

Aflatoxin is produced by the fungi Aspergillus flavus and Aspergillus parasitius. The aflatoxin is produced under conditions of stress, especially drought. The most likely feed ingredients to have aflatoxin are corn, peanuts and cottonseed but aflatoxin has been found in almost all feed ingredients including silages and hays, even bermudagrass hay.

When they received the report that they had aflatoxin, they added sodium bentonite to the ration. Sodium bentonite is a clay product that has the capability to bind to aflatoxin. I also took samples of their TMR, corn, WCS and dried distillers grains to run aflatoxin tests to try and identify the source of aflatoxin in the diet.

The farm buys ingredients for the dairy and mixes their feed at the dairy. Every load of corn that comes in is tested for aflatoxin before it is unloaded. The load of corn being fed had tested positive but was retested and had a level of 19.5 ppb which was just acceptable. It should have been OK to feed.

The tests came back and the TMR was 44 ppb of aflatoxin, corn was 94 ppb, the DDG was 1 ppb and the WCS had a trace. So the TMR was high enough the give a positive milk value and the cause of the problem was the corn. One could rebalance the ration to lower the level of corn and thereby reduce the aflatoxin but luckily the farm had another load of corn in a separate bin that had no aflatoxin in it. They switched the corn sources and 4 days later the farm was cleared to sell milk again by the Georgia Department of Agriculture Dairy Division.

If they had rebalanced the ration, there would have continued to be a problem as future tests of the corn over the next 2 weeks showed aflatoxin levels of 204 and 312 ppb. This shows that there was an active Aspergillus mold producing aflatoxin in the bin.

With a feed or feed ingredient that is going to be stored and used, there can be 4 situations regarding aflatoxin and the Aspergillus molds:

1) No aflatoxin and no Aspergillus
2) No aflatoxin and Aspergillus present
3) Aflatoxin present and no Aspergillus
4) Aflatoxin present and Aspergillus present.

Ideally, we want situation 1 to be our feed. To try and insure that is the case, all feed ingredients coming should be tested at the farm by the dairyman or been tested by the feed supplier.

These tests should be done for 1) aflatoxin, 2) Aspergillus mold and 3) dry matter. Dry matter is important as the Aspergillus needs moisture to grow. In our hot humid summers this is always a threat. A problem with the testing is that in a load or bin of corn one can take a sample and it will be clean while a foot away there could be a hot spot so good sampling technique is a necessity.

If one has a problem with aflatoxin and has to dump milk, they are eligible for the indemnity program with FSA (DIPP).

The bottom line is to TEST your feed ingredients for aflatoxin. If it is over your limit, do not accept it. Make sure you have an aflatoxin limit in your specifications. Hopefully you will never have to dump any milk but have a plan in place just in case.

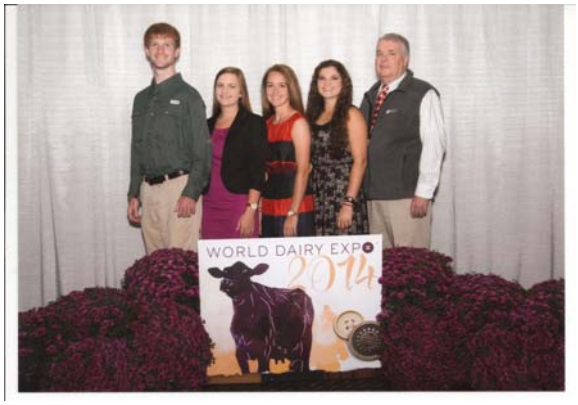
2014 UGA Dairy Judging Team

Over the Labor Day weekend, Brooke Helton, Zoe Latimer, Meri Franks & Garrett Hibbs attended Dairy Judging "Boot Camp" at the Maryland State Fair. After spending a day watching the beautiful cows in the Holstein and Brown Swiss Shows, then an evening adventure to Baltimore's Inner Harbor, they were ready for two days of intensive dairy judging. Twenty classes were placed and discussed by the group, oral reasons were practiced to defend their placings and judge many great cows and heifers. We even made time to cheer the dawgs over the Clemson Tigers and visit the beautiful inner harbor in Baltimore.

Boot camp had us eager to get to our first contest and test our judging skills at the All American Dairy Show in Harrisburg, PA. The team practiced in Hagerstown, MD, at Schneblys Guernsey Farm and Palmyra Ayrshire & Holstein Dairy. The team also got to tour the many Amish dairies in Lancaster County, PA, and Hershey Chocolate World. The team was 3rd in Brown Swiss, 5th in Ayrshires, 7th in Holsteins & 8th in Jerseys. Zoe Latimer was 4th in Brown Swiss & 6th in Ayrshires. Brooke Helton was 7th in Jerseys. The team was 6th in oral reasons and 9th overall. It was a great trip, but we knew we could do better.

Two weeks later it was time for the National Collegiate Contest at World Dairy Expo in Madison, WI. We visited and toured the historic Hoard's Dairy Farm on the way. Twelve classes were placed and six sets of reasons were given at the contest. UGA was 1st Team in Holsteins, 3rd Team in Milking Shorthorns and 8th Place Team Overall. Brooke Helton was 2nd in Holsteins and Meri Franks was 10th in Overall Placing. This was the highest placing from a UGA Collegiate Team in history at the National Contest.

After a short break for Perry and some other shows, the team visited Lexington and Churchill Downs on their way to participate in the North American International Collegiate dairy judging contest in Louisville, KY. Out of 20 teams, UGA was 4th is Brown Swiss, 5th in Ayrshires & 8th in overall reasons. Meri Franks was 1st in Guernseys and 5th in Swiss. Brooke Helton was 1st in Holsteins (after being second in Madison, WI). Zoe Latimer was 6th in Jerseys. Special congratulations to Meri and Brooke for winning a breed each in the Commonwealth. This was our last contest and none of us were ready for all the fun and competitions to end. What a great year! Go dawgs!



Top GA DHIA By Test Day Milk Production – Sept. 2014										
				Test Day Average				Yearly Average		
Herd	County	Br.	[1]Cows	% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat	
RODGERS' HILLCREST FARMS INC.*	McDuffie	H	436	88	99.4	3.2	2.81	30240	1046	
DAVE CLARK*	Morgan	H	1047	88	85.2	3.6	2.4	28380	1001	
J.EVERETT WILLIAMS*	Morgan	X	1787	88	81.2	3.6	2.58	24821	1010	
MARTY SMITH DAIRY*	Wilkes	H	340	86	76	3.3	2.01	23523	766	
DOUG CHAMBERS	Jones	H	427	88	74.5	3.4	2.17	23630	845	
D & T DAIRY	Wilkes	H	52	85	73.4	3.1	1.41	25689	721	
DANNY BELL*	Morgan	H	267	91	73.4	3.8	2.42	23828	944	
R & D DAIRY*	Laurens	H	116	91	72.9	3.8	2.31	25817	949	
SCOTT GLOVER	White	H	93	89	72.5	3.7	2.24	26142	987	
COASTAL PLAIN EXP STATION*	Tift	H	279	90	70.4	3.7	2.24	26746	932	
SOUTHERN ROSE FARMS	Laurens	H	126	88	69.3	3.9	2.2	22480	858	
CHAD DAVIS	Putnam	H	316	88	69.1	3.5	2.14	21604	758	
MUDDY H HOLSTEINS	Hall	H	78	89	69	3.7	1.94	24048	797	
RUFUS YODER JR	Macon	H	142	90	68.6	3.4	2.05	22512	823	
CECIL DUECK	Jefferson	H	78	90	68.3	3.8	1.91	23735	873	
AMERICAN DAIRYCO-GEORGIA,LLC.*	Mitchell	H	4008	89	68.3	3.6	2.1	23042	830	
IRVIN R YODER	Macon	H	190	93	67.6	3.8	2.02	23639	865	
B&S DAIRY	Wilcox	H	748	85	67.5	3.3	1.89	23248	779	
LARRY MOODY	Warren	H	993	88	66			21357		
A & J DAIRY	Wilkes	H	392	90	65.9	3.8	2.35	23590	882	

1Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on test. (Mo.) column indicates month of test. Test day milk, marked with an asterisk (*), indicates herd was milked three times per day (3X). Information in this table is compiled from Dairy Records Management Systems Reports (Raleigh, NC).

Top GA DHIA By Test Day Fat Production – Sept. 2014

					Test Day Average				Yearly Average	
Herd	County	Br.		[1]Cows	% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
RODGERS' HILLCREST FARMS INC.*	McDuffie	H		436	88	99.4	3.2	2.81	30240	1046
J.EVERETT WILLIAMS*	Morgan	X	9/8	1787	88	81.2	3.6	2.58	24821	1010
DANNY BELL*	Morgan	H	9/4	267	91	73.4	3.8	2.42	23828	944
DAVE CLARK*	Morgan	H	9/1	1047	88	85.2	3.6	2.4	28380	1001
A & J DAIRY	Wilkes	H		392	90	65.9	3.8	2.35	23590	882
R & D DAIRY*	Laurens	H		116	91	72.9	3.8	2.31	25817	949
COASTAL PLAIN EXP STATION*	Tift	H		279	90	70.4	3.7	2.24	26746	932
SCOTT GLOVER	White	H		93	89	72.5	3.7	2.24	26142	987
SOUTHERN ROSE FARMS	Laurens	H		126	88	69.3	3.9	2.2	22480	858
DOUG CHAMBERS	Jones	H		427	88	74.5	3.4	2.17	23630	845
CHAD DAVIS	Putnam	H		316	88	69.1	3.5	2.14	21604	758
AMERICAN DAIRYCO-GEORGIA,LLC.*	Mitchell	H	9/3	4008	89	68.3	3.6	2.1	23042	830
RUFUS YODER JR	Macon	H		142	90	68.6	3.4	2.05	22512	823
IRVIN R YODER	Macon	H		190	93	67.6	3.8	2.02	23639	865
MARTY SMITH DAIRY*	Wilkes	H		340	86	76	3.3	2.01	23523	766
AL & RICHARD KINDER	Hart	H		262	82	64.7	3.6	2	22828	795
EBERLY FAMILY FARM	Burke	H		665	89	62	3.9	2	21190	797
WILLIAMS DAIRY	Taliaferro	H	9/5	141	90	61.3	3.7	1.98	21493	787
WALNUT BRANCH FARM	Washington	H	8/5	347	88	53.6	3.8	1.96	18659	661
MUDDY H HOLSTEINS	Hall	H	9/2	78	89	69	3.7	1.94	24048	797

1Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on test. (Mo.) column indicates month of test. Test day milk, marked with an asterisk (*), indicates herd was milked three times per day (3X). Information in this table is compiled from Dairy Records Management Systems Reports (Raleigh, NC).

Top GA DHIA By Test Day Milk Production – Oct. 2014										
					Test Day Average				Yearly Average	
Herd	County	Br.		[1]Cows	% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
RODGERS' HILLCREST FARMS INC.*	McDuffie	H		431	88	98.8	3.3	2.86	30618	1053
D & T DAIRY	Wilkes	H		50	83	88.2	2.8	1.55	25532	715
DAVE CLARK*	Morgan	H		1062	88	86.4	3.4	2.43	28423	1004
J.EVERETT WILLIAMS*	Morgan	X		1793	88	85.9	3.9	2.94	25093	1014
MARTY SMITH DAIRY*	Wilkes	H		333	86	79.6	3.3	2.16	23721	773
DANNY BELL*	Morgan	H		264	91	77	3.7	2.57	23935	942
R & D DAIRY*	Laurens	H		113	91	76.8	3.7	2.4	25868	950
DOUG CHAMBERS	Jones	H		427	88	74.5	3.4	2.17	23630	845
COASTAL PLAIN EXP STATION*	Tift	H		295	90	74	3.7	2.37	26578	931
SCOTT GLOVER	White	H		92	89	73.7	3.9	2.29	26142	989
RAY WARD DAIRY	Putnam	H		145	89	72.8	3.7	2.06	24062	881
CHAD DAVIS	Putnam	H		316	89	72.3	3.4	2.05	21956	767
MARTIN DAIRY L. L. P.	Hart	H		317	91	71.8	3.6	2.15	24247	906
CECIL DUECK	Jefferson	H		79	90	70.6	3.7	2.18	23903	879
B&S DAIRY	Wilcox	H		751	86	70.2	3.2	1.9	23330	780
WILLIAMS DAIRY	Taliaferro	H		142	90	70.1	3.8	2.18	21876	802
FULLER-DAIRY-INC*FULLER-DAIRY-I	Putnam	H		246	88	70	3.7	2.18	21773	791
SOUTHERN ROSE FARMS	Laurens	H		125	89	69.6	3.9	2.47	22930	879
AL & RICHARD KINDER	Hart	H		247	83	69.2	3.4	2	23226	803
COOL SPRINGS DAIRY	Laurens	H		196	88	69.1	3.4	2.11	24339	922

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Top GA DHIA By Test Day Fat Production - Oct. 2014										
					Test Day Average				Yearly Average	
Herd	County	Br.		[1]Cows	% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
J.EVERETT WILLIAMS*	Morgan	X		1793	88	85.9	3.9	2.94	25093	1014
RODGERS' HILLCREST FARMS INC.*	McDuffie	H		431	88	98.8	3.3	2.86	30618	1053
DANNY BELL*	Morgan	H		264	91	77	3.7	2.57	23935	942
SOUTHERN ROSE FARMS	Laurens	H		125	89	69.6	3.9	2.47	22930	879
DAVE CLARK*	Morgan	H		1062	88	86.4	3.4	2.43	28423	1004
R & D DAIRY*	Laurens	H		113	91	76.8	3.7	2.4	25868	950
COASTAL PLAIN EXP STATION*	Tift	H		295	90	74	3.7	2.37	26578	931
SCOTT GLOVER	White	H		92	89	73.7	3.9	2.29	26142	989
VISTA FARM	Jefferson	H		83	91	63	4.3	2.28	24175	850
MUDDY H HOLSTEINS	Hall	H		71	90	62.5	3.9	2.22	23876	797
AMERICAN DAIRYCO-GEORGIA,LLC.*	Mitchell	H		3938	89	67.9	3.7	2.21	23077	833
CECIL DUECK	Jefferson	H		79	90	70.6	3.7	2.18	23903	879
WILLIAMS DAIRY	Taliaferro	H		142	90	70.1	3.8	2.18	21876	802
FULLER-DAIRY-INC*FULLER-DAIRY-I	Putnam	H		246	88	70	3.7	2.18	21773	791
DOUG CHAMBERS	Jones	H		427	88	74.5	3.4	2.17	23630	845
UNIV OF GA DAIRY FARM	Clarke	H		115	87	62.1	4.2	2.17	21043	802
MARTY SMITH DAIRY*	Wilkes	H		333	86	79.6	3.3	2.16	23721	773
MARTIN DAIRY L. L. P.	Hart	H		317	91	71.8	3.6	2.15	24247	906
COOL SPRINGS DAIRY	Candler	H		196	88	69.1	3.4	2.11	24339	922
EBERLY FAMILY FARM	Burke/Butts	H		688	89	65.9	3.9	2.11	21533	810

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Top GA DHIA By Test Day Milk Production – Nov. 2014										
					Test Day Average				Yearly Average	
Herd	County	Br.		[1]Cows	% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
RODGERS' HILLCREST FARMS INC.*	McDuffie	H		430	89	97.4	3.4	2.93	31047	1064
J.EVERETT WILLIAMS*	Morgan	X		418	86	91.1	4.2	3.14	26297	1102
DAVE CLARK*	Morgan	H		1099	88	90.1	3.6	2.68	28630	1011
J.EVERETT WILLIAMS*	Morgan	X		563	91	89	3.7	3.09	27145	1006
D & T DAIRY	Wilkes	H		50	83	88.2	2.8	1.55	25532	715
J.EVERETT WILLIAMS*	Morgan	X		664	88	85.6	4.1	3.25	24194	995
SCOTT GLOVER	White	H		100	89	80.6	4	2.71	25961	989
MARTY SMITH DAIRY*	Wilkes	H		333	86	79.6	3.3	2.16	23721	773
COASTAL PLAIN EXP STATION*	Tift	H		299	90	79	4	2.74	26404	927
DANNY BELL*	Morgan	H		257	91	79	3.9	2.65	24202	947
R & D DAIRY*	Laurens	H		113	91	78.7	4	2.78	25990	957
J.EVERETT WILLIAMS*	Morgan	X		56	95	76.5	4.1	2.32	24126	953
RAY WARD DAIRY	Putnam	H		146	89	76.2	3.9	2.39	23925	876
J.EVERETT WILLIAMS*	Morgan	X		37		75.4	4.2	3.19		
DOUG CHAMBERS	Jones	H		425	88	74.9	3.6	2.33	23611	844
PHIL HARVEY #2*	Putnam	H		1069	89	74.5	2.7	1.81	25212	854
COOL SPRINGS DAIRY	Laurens	H		203	88	73.8	3.4	2.19	24298	905
MARTIN DAIRY L. L. P.	Hart	H		312	90	71.3	3.7	2.05	24156	899
OCMULGEE DAIRY	Henry	H		100	92	70.9	3.7	2.4	24207	889
FULLER-DAIRY-INC*FULLER-DAIRY-I	Putnam	H		240	88	70.9	4.1	2.55	21966	822

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Top GA DHIA By Test Day Fat Production – Nov. 2014										
					Test Day Average				Yearly Average	
Herd	County	Br.		[1]Cows	% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
J.EVERETT WILLIAMS*	Morgan	X		664	88	85.6	4.1	3.25	24194	995
J.EVERETT WILLIAMS*	Morgan	X		37		75.4	4.2	3.19		
J.EVERETT WILLIAMS*	Morgan	X		418	86	91.1	4.2	3.14	26297	1102
J.EVERETT WILLIAMS*	Morgan	X		563	91	89	3.7	3.09	27145	1006
RODGERS' HILLCREST FARMS INC.*	McDuffie	H		430	89	97.4	3.4	2.93	31047	1064
R & D DAIRY*	Lee	H		113	91	78.7	4	2.78	25990	957
COASTAL PLAIN EXP STATION*	Tift	H		302	90	79	4	2.75	26359	929
SCOTT GLOVER	White	H		100	89	80.6	4	2.71	25961	989
DAVE CLARK*	Morgan	H		1099	88	90.1	3.6	2.68	28630	1011
DANNY BELL*	Morgan	H		257	91	79	3.9	2.65	24202	947
FULLER-DAIRY-INC*FULLER-DAIRY-I	Putnam	H		240	88	70.9	4.1	2.55	21966	822
OCMULGEE DAIRY	Henry	H		100	92	70.9	3.7	2.4	24207	889
RAY WARD DAIRY	Putnam	H		146	89	76.2	3.9	2.39	23925	876
SOUTHERN ROSE FARMS	Laurens	H		133	90	64.7	4.1	2.35	23323	894
AMERICAN DAIRYCO-GEORGIA,LLC.*	Mitchell	H		3859	89	69.5	3.8	2.34	23081	835
DOUG CHAMBERS	Jones	H		425	88	74.9	3.6	2.33	23611	844
J.EVERETT WILLIAMS*	Morgan	X		56	95	76.5	4.1	2.32	24126	953
IRVIN R YODER	Macon	H		206	93	69.7	3.7	2.26	23586	865
A & J DAIRY	Wilkes	H		405	91	68.9	3.9	2.25	23809	887
BERRY COLLEGE DAIRY	Floyd	J		35	75	54.3	5.1	2.23	15249	701

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Top GA Lows Herds for SCC Score Sept. 2014									
Herd	County		Br	Cows	Milk-Rolling	SCC-TD-Average Score	SCC-TD-Weight Average	SCC- Average Score	SCC-Wt.
J.EVERETT WILLIAMS*	Morgan		X	1787	24821	1.5	106	1.7	119
SOUTHERN ROSE FARMS	Laurens		H	126	22480	1.7	182	2.6	289
DANNY BELL*	Morgan		H	267	23828	1.7	168	1.9	129
DAVID ADDIS	Wilcox		H	43	18126	1.8	77	1.2	61
SCOTT GLOVER	White		H	93	26142	1.8	76	1.7	108
DAVE CLARK*	Morgan		H	1047	28380	1.9	115	2	133
JOSEPH LASHLEY			S	3	1727	2.2	59	5.1	468
GARY LOTT	Heard		H	73	11791	2.2	144	2.5	190
IRVIN R YODER	Macon		H	190	23639	2.2	160	1.8	119
BERRY COLLEGE DAIRY	Floyd		J	35	15059	2.4	164	2	157
BILL DODSON	Putnam		H	233	21964	2.4	184	1.9	154
COASTAL PLAIN EXP STATION*	Tift		H	279	26746	2.4	225	2.3	192
DAN DURHAM	Greene		X	138	16357	2.5	163	2.6	217
LEE WHITAKER	McDuffie		H	270	19739	2.5	244	2.4	222
UNIV OF GA DAIRY FARM	Clarke		H	117	20962	2.5	164	3	269
MARTY SMITH DAIRY*	Wilkes		H	340	23523	2.5	151	2.3	181
RODGERS' HILLCREST FARMS INC.*	McDuffie		H	436	30240	2.5	202	2.4	220
A & J DAIRY	Wilkes		H	392	23590	2.6	252	2.8	267

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Top GA Lows Herds for SCC Score – Oct. 2014									
Herd	**County**		**Br.**	**Cows**	**Milk-Rolling**	**SCC-TD-Average Score**	**SCC-TD-Weight Average**	**SCC- Average Score**	**SCC-Wt.**
DAVID ADDIS	Wilcox		H	45	18273	1.5	56	1.2	53
SCOTT GLOVER	White		H	92	26142	1.5	67	1.6	100
J.EVERETT WILLIAMS	Morgan		X	1793	25093	1.7	114	1.7	119
SOUTHERN ROSE FARMS	Laurens		H	125	22930	1.9	233	2.5	281
DANNY BELL	Morgan		H	264	23935	1.9	144	1.9	129
COOL SPRINGS DAIRY	Laurens		H	196	24339	1.9	198	1.7	123
DAVE CLARK	Morgan		H	1062	28423	1.9	124	2	128
BILL DODSON	Putnam		H	234	22078	2.2	137	1.9	153
IRVIN R YODER	Macon		H	190	23639	2.2	160	1.8	119
MARTY SMITH DAIRY	Wilkes		H	333	23721	2.2	128	2.2	162
EUGENE KING	Macon		H	120	19898	2.4	218	2.3	244
BERRY COLLEGE DAIRY	Floyd		J	36	15209	2.5	308	1.9	141
DAN DURHAM	Greene		X	138	16357	2.5	163	2.6	217
R & D DAIRY	Laurens		H	113	25868	2.5	242	2.1	201
COASTAL PLAIN EXP STATION	Tift		H	295	26578	2.5	240	2.3	195
WANDA CLARK			D	10	522	2.6	113	2.2	83
RODGERS' HILLCREST FARMS INC.	McDuffie		H	431	30618	2.6	247	2.4	222
ANDREW YODER	Macon		H	95	19317	2.7	250	2.9	294
DOUG CHAMBERS	Jones		H	427	23630	2.7	285	2.2	213

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Top GA Lows Herds for SCC Score – Nov. 2014									
Herd	**County**		**Br.**	**Cows**	**Milk-Rolling**	**SCC-TD-Average Score**	**SCC-TD-Weight Average**	**SCC- Average Score**	**SCC-Wt.**
COOL SPRINGS DAIRY	Laurens		H	203	24298	1.5	120	1.6	125
J.EVERETT WILLIAMS	Morgan		X	1766	25599	1.5	106	1.6	117
BERRY COLLEGE DAIRY	Floyd		J	35	15249	1.8	69	1.8	116
VISTA FARM	Jefferson		H	92	24045	1.9	90	2.4	208
BILL DODSON	Putnam		H	240	22203	2	123	1.8	144
DAVE CLARK	Morgan		H	1099	28630	2	112	2	126
IRVIN R YODER	Macon		H	206	23586	2.1	133	1.8	111
SCOTT GLOVER	White		H	100	25961	2.1	206	1.6	103
R & D DAIRY	Laurens		H	113	25990	2.1	241	2.1	206
DAVID ADDIS	Wilcox		H	46	18346	2.2	121	1.3	58
MARTY SMITH DAIRY	Wilkes		H	333	23721	2.2	128	2.2	162
DANNY BELL	Morgan		H	257	24202	2.2	179	1.8	134
RAY WARD DAIRY	Putnam		H	146	23925	2.3	236	2.6	252
EUGENE KING	McIntosh		H	120	19898	2.4	218	2.3	244
COASTAL PLAIN EXP STATION	Tift		H	302	26359	2.4	216	2.3	197
OCKER DAIRY	Burke		X	103	20416	2.5	190	2.8	241
MARTIN HOSTETLER	Macon		H	114	14059	2.6	230	2.6	313
SOUTHERN ROSE FARMS	Laurens		H	133	23323	2.6	151	2.5	257
RODGERS' HILLCREST FARMS INC.	McDuffie		H	430	31047	2.6	242	2.4	219
RANDY W. RUFF. SR	Elbert		H	148	15115	2.7	226	3	266

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