

GEORGIA DAIRYFAX

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

OCTOBER, NOVEMBER, DECEMBER 2010

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, December 2010

Seasons Greetings

- **Prostaglandin F2 α Use in Dairy Cows by: Hillary May, Dr. Michael Overton & Dr. Williams Graves** 2
- **Dates to Remember** 4
- **The University of Georgia Dairy Judging Team Places in the Top 5 in Reasons in Louisville by: Matthew London & Dr. Bill Graves** 5
- **University of Georgia Teaching Dairy Update by: Dr. Lane O. Ely** 6
- **UGA Dairy Heifer Show Schedule** 7
- **UGA Bulldog Heifer Judging Challenge & Entry Form** 8
- **UGA Commercial Dairy Heifer Show Rules & Registration Form** 10
- **“If you’re not at the table then you’re on the menu” by: Melony Wilson** 12
- **Top 20 DHIA Herds By Test Day Milk and Fat Production for September, October & November 2010** 13
- **Top Low Herds for SCC Score for September, October & November 2010** 19

Sincerely,



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

Dairyfax Newsletter

Prostaglandin F2 α Use in Dairy Cows

Hillary May, B.S., Candidate, M.S., College of Ag and Env Sci
Michael Overton, MPVM, DVM, UGA-College of Vet Med
William Graves, PhD, College of Ag and Env Sci

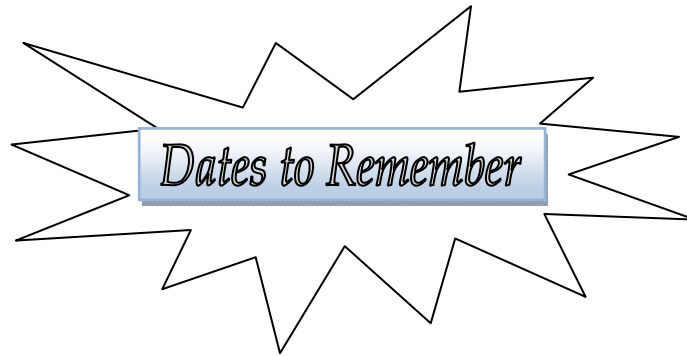
Prostaglandin F2 α (PGF2 α) is a hormone that is naturally produced by the uterus and is responsible for luteolysis, or regression of the corpus luteum (CL), which in turn, promotes uterine tone, mild uterine contractions, and allows the further growth, maturation, and ovulation of the dominant follicle. Therefore, injectable PGF2 α can be used to cause the regression of the CL, synchronize estrus, treat endometritis or pyometra, induce abortion, and stimulate parturition. There are two major types of PGF2 α products commercially available and several brand names of products within each type. One product form is the same as uterine-derived PGF2 α (dinoprost tromethamine) and the other is a synthetic form of PGF2 α that mimics natural PGF2 α (cloprostenol sodium). Prostaglandin F2 α is commercially available as Lutalyse®, a dinoprost brand produced by Pfizer; ProstaMate®, a dinoprost form produced by AgriLabs; Estrumate®, a cloprostenol sodium form produced by Intervet Schering-Plough; and estroPLAN®, a cloprostenol sodium product produced by AgriLabs. The dosage for the dinoprost tromethamine class of products is 5 ml intramuscular (i.m.) and 2 ml i.m. for cloprostenol sodium products. The blood half-life is approximately 3 hours for cloprostenol sodium products but only a few minutes for the dinoprost tromethamine class; however, reproductive performance is not different between these products. Prostaglandin F2 α is labeled for estrus synchronization, treatment of silent estrus, and treatment of chronic endometritis.

Endometritis is inflammation of the innermost lining of the uterus. Clinical endometritis is defined as the presence of purulent (white) or muco-purulent (cloudy white) vaginal discharge that appears approximately 3 to 4 weeks or more after calving. Based on both field experience and several research studies using this definition, the incidence of endometritis is approximately 20%; however, some herds may have a much higher incidence. In many research studies, PGF2 α has been found to be a more beneficial treatment for endometritis than intrauterine (i.u.) or systemic antibiotics. In one study, a single injection of PGF2 α was shown to resolve chronic endometritis within 7 days in about 85% of cows. Using PGF2 α as the preferred treatment approach for endometritis and pyometra instead of antibiotics is advantageous because there are no antibiotic withdrawal concerns and no risk of uterine damage from infusion pipettes. Prostaglandin F2 α is very commonly used in reproductive management as a method for synchronization of estrus or as part of a presynchronization or timed-artificial insemination (TAI) program. When PGF2 α is injected into a cycling heifer or cow, standing heat is expected to occur within 2-6 days in most cases, but the exact timing for standing heat cannot be predicted due to the variation in stage of follicular development between animals at the time of the injection. Following a single injection, approximately 70-75% of cycling animals are expected to come into heat within the next week. Another option for an estrus detection program is to administer two injections of PGF2 α 14 days apart. If no estrus detection is used until after the second injection, approximately 95% or more of the cycling cows should show heat within the next 2-6 days. The actual number of animals inseminated will vary based upon intensity and accuracy of heat detection and cyclicity status of the treated animals following either the single or paired injection approach.

Some may object to waiting until the second injection for breeding but the purpose of the two shot approach is to improve the proportion of cows responding in a shorter window of time, improve fertility via an improvement in uterine health, or to improve the response to the Ovsynch TAI protocol. In reality, one is not wasting time by delaying breeding until after the second injection because the first injection is actually scheduled prior to the end of the normal voluntary breeding period. Another approach to breeding cows involves the use of TAI. Ovsynch is the most popular TAI protocol and it consists of 3 carefully scheduled injections followed by a timed insemination: First, gonadotropin releasing hormone (GnRH) is given and in 7 days, a single dose of PGF2 α is given. In approximately 56 hrs, a second injection of GnRH is given and followed 12 to 16 hours later with a timed insemination. Presynchronization programs are often used prior to TAI programs, such as Ovsynch, in an effort to improve the results. For example, Presynch consists of two injections of PGF2 α 14 days apart (as mentioned previously) with the second injection given 11 to 14 days prior to the start of Ovsynch. This schedule increases the likelihood of cows being in the optimal part of their estrous cycle (i.e., days 5-8 following ovulation) for starting Ovsynch. In general, PGF2 α is not to be used prior to approximately 30 DIM, because few cows will have a CL that is able to respond. Instead, most herds that enroll cows on a weekly basis will give the first PGF2 α at 35 \pm 3 DIM, the second PGF2 α at 49 \pm 3 DIM, and begin the Ovsynch series at 60 \pm 3 DIM. Some herds will breed cows found in heat after the second PGF2 α and continue all the other cows in the TAI protocol. Other herds will send all cows into the full TAI protocol. In either case, virtually all cows should be inseminated for the first time by 70 \pm DIM.

Synchronization protocols have decreased the need for estrus detection in reproductive management programs in many herds and have improved reproductive performance as measured by pregnancy rate. Cosynch-72 is a variation of the Ovsynch protocol and reduces the number of times cows must be handled by administering the second injection of GnRH at the same time as the TAI. Cosynch-72 consists of 3 treatments: GnRH on day 0, PGF2 α on day 7, and GnRH + TAI 72 hours later. Resynchronization of ovulation can be utilized after a cow has been palpated per rectum and found to be open, or not pregnant. The Resynch protocol is used to resynchronize ovulation in nonpregnant cows 32 to 46 days after cows receive the first TAI of Ovsynch. Resynch consists of 3 treatments: GnRH on day 0, PGF2 α on day 7, and GnRH 56 to 60 hours later followed by TAI 12 to 16 hours later.

Prostaglandin F2 α is an excellent reproductive management tool for dairy cows. Administration of PGF2 α during the fresh period, as previously described, has been shown to have favorable effects on fertility including a shortened time to first service, increased estrus detection efficiency, improved uterine health, and improved first service conception rate. Prostaglandin F2 α works primarily by removing the CL and reducing progesterone, and since few cows have a CL present prior to approximately 30 DIM, there is likely little benefit to routine use during the first month after calving. There are several different PGF2 α products available and all are effective. Injectable PGF2 α does not have a milk or meat withdrawal time on the label, which makes it an excellent choice for reproductive management as well as for the treatment of endometritis. However, be sure to talk with your veterinarian and get his or her advice on product selection, dose, and scheduling before using PGF2 α for therapeutic purposes or before initiating any estrus synchronization or TAI program.



- **Southern Dairy Conference – Westin Atlanta Airport** Jan. 25th & 26th
- **Elbert County FFA Annual Dairy Show**
11:00 a.m. Wahatchee Creek Farms, Elberton Jan. 22nd
- **GA Dairy Youth Foundation Kick off Event-**
Savannah Marriot Riverfront Jan. 31st
- **GA Dairy Conference- GA Milk Producers Annual**
Meeting, Savannah Marriott Riverfront Jan. 31st- Feb. 1st
- **UGA Dairy Science Club Heifer Dairy Judging Challenge**
6:00 p.m. at UGA Livestock Arena- Athens Feb. 4th
- **UGA Dairy Science Club Commercial Heifer Show**
9:00 a.m. at UGA Livestock Arena- Athens Feb. 5th
- **Animal & Dairy Science Bull Sale**
UGA Livestock Arena- Athens Feb. 10th
- **State Commercial Dairy Heifer Show**
Perry, GA National Fairgrounds Feb. 18th - 8:00 a.m. Showmanship
Feb. 19th – Weight Classes

The University of Georgia Dairy Judging Team Places in the Top 5 in Reasons in Louisville

By: Matthew London and Dr. Bill Graves

On November 7th, the UGA Dairy Judging Team competed in the intercollegiate dairy judging contest held at the North American International Livestock Exposition in Louisville, KY. Team members included: Whitney Franks, Patrick Savelle, and Katie Williams. Prior to this contest, the team traveled to several farms to practice including: Kiss'Em All Dairy (Pendleton, SC), Berry College Dairy (Rome, GA), Hickman Valley Farms (Shelbyville, TN), and Ozburn Jerseys (Nolensville, TN).

During the contest team members evaluated 10 classes of dairy cattle and presented 5 sets of oral reasons, defending their placings to officials. Overall, the team placed 10th in the contest, highlighted by 5th place in total reasons score. Also the team won Ayrshires, 6th in Holsteins, and 9th in both Guernseys and Jerseys. Individually, Whitney was 4th in Ayrshires. Katie placed 6th in Ayrshires, Patrick placed 6th in Guernseys, 3rd in Holsteins, and 6th in oral reasons. The team is to be commended for the efforts and accomplishments. They have been 6th and 5th in reasons and won a breed at both their last two contests!



University of Georgia Teaching Dairy Update

By
Lane O. Ely
Professor Emeritus

As the school semester is closing, colder weather has arrived and our cows are responding to the temperature change. Milk production has slowly risen. Forage quality has been a concern this fall as our wheat silage was more mature than was desired. As feed prices have increased this has affected our IOFC.

Milk supply and milk prices nation-wide have taken interesting turns. Looking back at several predictions, milk supply was predicted to go down and prices were to increase this fall. The opposite has occurred this fall. Cow's numbers have slightly decreased but milk per cow has increased resulting in more milk and lowered prices. Predictions now for 2011 are fairly flat for milk prices at the current level. This forecast means a tough year but not a disaster.

Labor continues to be a challenge as students graduate and leave. Luckily several students are working their second year at the dairy which helps. Five students will complete an internship at the UGA Teaching Dairy this fall.

SCC continues to be a topic of discussion as proposals to only accept milk at 400,000 or 250,000. This year over SCC has averaged about 100,000 higher than the average for the previous 3 years at the UGA Teaching Dairy. Heat stress this summer has some contribution. Another factor for us is a higher percentage of older cows in the herd which in our herd have higher counts.

The new parlor is working fine as workers and cows have adjusted to having it completed.

January and February promise to be busy as we have 47 cows and heifers due to calve. This is approximately 40% of the herd. Also we are continuing a colostrums project with the bull calves.

Have a Happy Holiday season.



UGA DAIRY HEIFER SHOW SCHEDULE

Friday, February 4, 2011:

3:00-6:00 PM Weigh-in

6:00-7:30* PM Bulldog Heifer Challenge

Saturday, February 5, 2011:

8:30 AM Exhibitor Meeting and Results for Bulldog Heifer Challenge

9:00 AM Judging will begin with Showmanship classes. Weight classes will immediately follow.

* Time is subject to change.

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 6, 2011, and sent to William Graves, 138E Rhodes Center for ADSC, The University of Georgia, Athens, GA 30602-2771.

This design must include:

1. The name of the show “Thirteenth Annual UGA Commercial Dairy Heifer Show”
2. The date of the show “February 5, 2011”
3. Limit of one or two colors and a color tee-shirt (ex. white, black, and red)
4. A theme that relates to dairy
5. Include name and address on the back of the design

The winning design as decided by the Dairy Science Club will receive a \$50 award.

2011 UGA BULLDOG HEIFER CHALLENGE

Friday February 4th at 6:00 PM

1. Participants must be a Georgia 4-H or FFA member.
2. The competition will be split into Junior and Senior Divisions. The Junior Division will include all participants in eighth grade and lower. The Senior Division will include ninth through twelfth grades.
3. Teams and individuals will be ranked.
4. Teams will consist of four members. Team members do not necessarily have to be from the same county.
5. There will be no limit on the number of teams per county.
6. Registration Forms may be completed and returned with entries. Registration will also be open until fifteen minutes before the competition. An entry fee of \$30 per team or \$10 per individual must accompany the registration.
7. Four heifer classes will be paraded around the ring. Participants will have fifteen (15) minutes to evaluate and place the classes and answer four questions on their individual placings card.
8. The fifth class will be conducted as a tie-breaker class. All participants will compete in this class. Participants will choose a Supreme and Reserve Supreme heifer.
9. The first four classes will be worth 90 points, for a total of 360 points. The final class will only be used in case of a tie.
10. Team scores will be determined by compiling all four individual member scores for a total of 1440 points. The low score will not be dropped as in traditional contests.

2011 BULLDOG HEIFER CHALLENGE

Registration Form

Junior Teams and Individuals must be in the 8th grade or younger.

Senior Teams and Individuals must be in the 9th to 12th grades.

Registration fee of \$30 per team or \$10 per individual must accompany this entry form.

Registration will be available the day of the event until fifteen minutes prior to the start of the competition.

Mail this completed form to William Graves, 138E Rhodes Center for ADSC, The University of Georgia, Athens, GA 30602-2771 and make check payable to the UGA Dairy Science Club.

Division (circle one): Junior Senior

Name:	County:	Grade:

Make copies of this form as needed.

RULES AND REGULATIONS
2011 UGA COMMERCIAL DAIRY HEIFER SHOW
UGA Dairy Science Club

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 October 1, 2010.
2. Heifers must be tagged with an official state ear tag on or before October 1, 2010. Tattoos are not required but highly recommended. Photographs are not required as stipulated by State Rules and Regulations.
3. ALL ENTRIES MUST BE POSTMARKED AND MAILED WITH ENTRY FEE (\$11.00 PER HEAD) BY JANUARY 6, 2011. Make check payable to the UGA Dairy Science Club and mail to William Graves, 138E Rhodes Center for ADSC, The University of Georgia, Athens, GA 30602-2771.
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. Seventy-five percent (75%) will be allotted to showmanship skills and twenty-five percent (25%) to fitting.
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 class OR two entries showing in separate rings at the same time.
12. Exhibitor numbers provided by the Dairy Science Club will be worn by the exhibitor while he/she is in the ring.
13. Exhibitors shall grant the Dairy Science Club permission to use their animals in the Bulldog Heifer Challenge.

UGA COMMERCIAL DAIRY HEIFER SHOW
 February 5, 2011
 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 ()

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, 2010.
 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 _____

\$11.00 entry fee, **per heifer**, must accompany this entry. Make check payable to **UGA Dairy Science Club (DO NOT SEND CASH)** mail by **January 6, 2011** to: William Graves, 138E Rhodes Center for ADSC, The University of Georgia, Athens, GA 30602-2771. (For information call William Graves at 706-542-9106 or e-mail at wgraves@uga.edu).
Entry fees are non-refundable. See cover letter/flyer for information regarding **Tee-Shirt Design Contest.**

“If you’re not at the table then you’re on the menu”

By:

Melony Wilson

Animal Waste Specialist

The above quote came from Garth Boyd, a speaker at the recent National Poultry and Animal Waste Management Symposium. In the world of nutrient management and CAFO permit regulation this could not be more true. In November 2008 the Environment Protection Division (EPA) released its latest revisions for the federal CAFO rule. Once the rule was released, the Georgia Environmental Protection Division (EPD) was to develop a state specific rule to be used in GA. The federal rule gives the state delegated authority one year to put their rule in place. In early 2009 Extension started to get information out to the counties and producers to make sure they were at the table when EPD released their rule for public comment. Needless to say, almost two years have gone by and the draft hasn't been developed yet. There has been no word on when the EPD plans to release the draft for comment. However, EPA recently released the “Implementation Guidance on CAFO Regulations” to give guidance to states on how the federal rule should be implemented. This document can be found on line, http://www.epa.gov/npdes/pubs/cafo_permit_guidance_chapters.pdf . Since this document will be released it is logical to anticipate EPA to begin putting pressure on the states to develop and implement this regulation. Once EPD releases the first draft, the Extension Service will make every effort to update you on when and where public hearings will take place. I encourage you to be at the table for these hearings so the Georgia Dairy Industry doesn't get put on the menu.



Top 20 DHIA By Test Day Milk Production- September 2010

<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Mo.</u>	<u>Cows</u>	<u>Test Day Average</u>				<u>Yearly Average</u>	
					<u>% Days in Milk</u>	<u>Milk</u>	<u>% Fat</u>	<u>TD Fat</u>	<u>Milk</u>	<u>Lbs. Fat</u>
Rodgers' Hillcrest Farms Inc.	McDuffie	H	9	365	90	90.1	3.5	2.48	27447	969
J. Everett Williams	Morgan	H	9	330	85	84	3.6	2.56	26977	952
D & T Dairy	Wilkes	H	9	65	84	80.1			24580	
Dave Clark	Morgan	H	9	926	88	76.8	3.3	1.95	26049	920
J. Everett Williams	Morgan	X	9	624	88	73.6	4	2.51	22477	924
Doug Chambers	Jones	H	8	344	86	71.3	3.4	2.17	22479	811
Scott Glover	White	H	9	79	86	68.5	3.8	2	23415	906
Westbrook Dairy	Brooks	H	9	1731		67				
Danny Bell	Morgan	H	9	245	88	66.8	3.5	2.11	21689	848
Irvin R. Yoder	Macon	H	9	180	87	66.6	3.8	1.93	23020	820
B & S Dairy	Wilcox	H	9	669	86	66.6	3	1.65	20789	698
Phil Harvey #2	Putnam	H	9	702	89	65.5	3.7	1.95	23816	
Larry Nisley	Macon	H	8	141	93	64.5	2.6	1.23	22289	1068415
Coastal Plain Exp Station	Tift	H	9	230	86	64.5	4.1	2.11	22463	9101015
J. Everett Williams	Morgan	X	9	91	96	64.2	4.1	2.39	23082	910
Bud Butcher	Coweta	H	9	361	88	62.9	2.7	1.49	21446	
Troy Yoder	Macon	H	9	156	89	62.9	3.7	1.91	21838	782
Brooksco Dairy	Brooks	H	9	2356	90	62.8			21984	
Bill Dodson	Putnam	H	9	216	88	62.7	3.4	1.53	22303	791
Willie Jones Jr. Dairy	Putnam	H	9	214	87	62.4			20732	

1Minimum herd or permanent string size of 10 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 20 DHIA By Test Day Fat Production- September 2010

Herd	County	Br.	Mo.	Cows	Test Day Average			Yearly Average		
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
J. Everett Williams	Morgan	H	9	330	85	84	3.6	2.56	26977	952
J. Everett Williams	Morgan	X	9	624	88	73.6	4	2.51	22477	924
Rodgers' Hillcrest Farms Inc.	McDuffie	H	9	365	90	90.1	3.5	2.48	27447	969
J. Everett Williams	Morgan	X	9	91	96	64.2	4.1	2.39	23082	910
Doug Chambers	Jones	H	8	344	86	71.3	3.4	2.17	22479	811
Krulic Dairy Farm, Inc.	Screven	X	8	113	89	60.5	4	2.13	21889	880
Danny Bell	Morgan	H	9	245	88	66.8	3.5	2.11	21689	848
Coastal Plain Exp Station	Tift	H	9	230	86	64.5	4.1	2.11	22463	1015
Scott Glover	White	H	9	79	86	68.5	3.8	2	23415	906
Dave Clark	Morgan	H	9	926	88	76.8	3.3	1.95	26049	920
Phil Harvey #2	Putnam	H	9	702	89	65.5	3.7	1.95	23816	
Irvin R. Yoder	Macon	H	9	180	87	66.6	3.8	1.93	23020	820
Berry College Dairy	Floyd	J	9	35	77	49.6	4.9	1.93	13938	717
Troy Yoder	Macon	H	9	156	89	62.9	3.7	1.91	21838	782
R & D Dairy	Lee	H	9	115	90	61.6	3.8	1.87	24024	853
Dairy Production Systems- GA	Mitchell	H	9	3372	87	61.9	3.5	1.85	22494	794
Stovall Dairy Inc.	Madison	H	9	137	88	61.2	3.7	1.82	20505	724
Franks Farm	Burke	H	8	27	92	50.3	3.7	1.78	20670	735
David L. Moss	Morgan	H	8	113	86	56.9	3.7	1.77	19726	769
Russ Gilbert	Morgan	H	9	147	85	61.2	3.7	1.75	17802	695
G & H Dairy	White	H	9	74	82	51.9	3.9	1.75	17325	621

1Minimum herd or permanent string size of 10 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 20 DHIA By Test Day Milk Production- October 2010

<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Mo.</u>	<u>Cows</u>	<u>Test Day Average</u>				<u>Yearly Average</u>	
					<u>% Days in Milk</u>	<u>Milk</u>	<u>% Fat</u>	<u>TD Fat</u>	<u>Milk</u>	<u>Lbs. Fat</u>
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	10	384	90	90.9	3.7	2.69	27762	979
J. Everett Williams	Morgan	H	10	320	85	81.6	3.8	2.63	27254	962
D & T Dairy	Wilkes	H	9	65	84	80.1			24580	
Dave Clark	Morgan	H	10	947	88	76	3.2	1.97	25890	908
J. Everett Williams	Morgan	X	10	639	87	74.3	4.3	2.78	22613	931
Doug Chambers	Jones	H	9	347	87	71.6	3.4	2.12	22757	815
B & S Dairy	Wilcox	H	10	674	85	71.1	3.4	1.91	20783	695
Scott Glover	White	H	10	76	86	70.4	3.8	1.95	23187	888
Troy Yoder	Macon	H	10	166	90	69.4	3.8	2.3	22277	800
Brooksco Dairy	Brooks	H	10	2356	90	69			22087	
Westbrook Dairy	Brooks	H	10	1735		68.6				
Dairy Production Systems- GA	Mitchell	H	10	3289	87	68.2	3.7	2.04	22436	794
Willie Jones Jr. Dairy	Putnam	H	10	218	87	67.7			20590	
Richard Hardie	Putnam	H	10	146	87	67.2	3.5	1.79	20763	
Krulic Dairy Farms, Inc.	Screven	H	10	68	87	66.5	4	2.12	21483	854
Univ. of GA Dairy Farm	Clarke	H	9	95	84	66.3	4.2	2.08	21534	797
Bud Butcher	Coweta	H	10	365	88	66.2	3.1	1.77	21484	
Larry Nisley	Macon	H	10	142	91	66	3.1	1.53	21841	666
Cecil Dueck	Jefferson	H	10	78	88	66	3.6	1.96	21573	745
Danny Bell	Morgan	H	10	239	89	65.9	3.9	2.34	21848	854
Phil Harvey#2	Putnam	H	9	702	89	65.5	3.7	1.95	23816	
Coastal Plain Exp. Station	Tift	H	10	234	87	65.5	4.6	2.51	22419	1013

1Minimum herd or permanent string size of 10 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 20 DHIA By Test Day Fat Production- October 2010

Herd	County	Br.	Mo.	Cows	Test Day Average			Yearly Average		
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
Coastal Plain Exp. Station	Tift	X	10	6	87	54.4	5.4	2.92	18638	990
J. Everett Williams	Morgan	X	10	639	87	74.3	4.3	2.78	22613	931
Rodgers' Hillcrest Farms Inc.	McDuffie	H	10	384	90	90.9	3.7	2.69	27762	979
J. Everett Williams	Morgan	H	10	320	85	91.6	3.8	2.63	27254	962
Coastal Plain Exp. Station	Tift	H	10	234	87	65.5	4.6	2.51	22419	1013
J. Everett Williams	Morgan	X	10	94	96	64	4.2	2.49	22820	909
Danny Bell	Morgan	H	10	239	89	65.9	3.9	2.34	21848	854
Troy Yoder	Macon	H	10	166	90	69.4	3.8	2.3	22277	800
Overholt Farms	Macon	H	10	8	89	53	4.1	2.18	16640	622
Doug Chambers	Jones	H	9	347	87	71.6	3.4	2.12	22757	815
Krulic Dairy Farm, Inc.	Screven	H	10	68	87	66.5	4	2.12	21483	854
Univ of GA Dairy Farm	Clarke	H	9	95	84	66.3	4.2	2.08	21534	797
Berry College Dairy	Fayette	J	10	37	77	50.7	5.2	2.07	14123	724
Dairy Production Systems-GA	Mitchell	H	10	3289	87	68.2	3.7	2.04	22436	794
Powell Farm	Sumter	H	10	702	90	60.7	3.8	2.04	18018	631
Krulic Dairy Farm, Inc.	Screven	X	10	39	90	64.9	3.8	2	21718	889
Earnest R. Turk	Putnam	H	10	415	92	64.1	3.8	1.99	21121	781
David L. Moss	Morgan	H	10	109	86	63.9	3.8	1.99	19619	753
Dave Clark	Morgan	H	10	947	88	76	3.2	1.97	25890	908
Irvin R. Yoder	Macon	H	10	179	87	63.4	4	1.97	22962	821
Cecil Dueck	Jefferson	H	10	78	88	66	3.6	1.96	21573	745

1Minimum herd or permanent string size of 10 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 20 DHIA By Test Day Milk Production- November 2010

<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Mo.</u>	<u>Cows</u>	<u>Test Day Average</u>				<u>Yearly Average</u>	
					<u>% Days in Milk</u>	<u>Milk</u>	<u>% Fat</u>	<u>TD Fat</u>	<u>Milk</u>	<u>Lbs. Fat</u>
Scott Glover	White	H	11	76	85	74	4.7	2.72	22902	876
Coastal Plain Exp. Station	Tift	H	11	234	87	66.9	4.8	2.71	22392	1015
Rodgers' Hillcrest Farms Inc.	McDuffie	H	10	384	90	90.9	3.7	2.69	27762	979
J. Everett Williams	Morgan	X	11	657	87	75.9	4	2.64	22761	937
J. Everett Williams	Morgan	H	11	310	85	83.6	3.5	2.45	27449	970
J. Everett Williams	Morgan	X	11	97	95	62.7	4	2.44	22656	907
Vista Farms	Jefferson	H	11	95	86	84.2	3.3	2.42	22313	707
Doug Chambers	Jones	H	10	349	87	74.5	3.7	2.42	23009	821
Dave Clark	Morgan	H	11	948	87	79.9	3.6	2.34	25766	902
Univ of GA Dairy Farm	Clarke	H	11	97	84	66.6	4.7	2.33	21191	793
Earnest R. Turk	Putnam	H	11	410	92	69.6	3.9	2.31	21144	782
Danny Bell	Morgan	H	11	235	89	63.9	4.2	2.31	22007	860
Troy Yoder	Macon	H	10	166	90	69.4	3.8	2.3	22277	800
R & D Dairy	Lee	H	11	108	91	72	3.9	2.26	24042	847
Krulic Dairy Farm, Inc.	Screven	H	11	64	86	68.6	3.8	2.21	21138	841
Powell Farm	Sumter	H	11	687	90	65	4	2.21	18207	643
David L. Moss	Morgan	H	11	107	86	63	4.1	2.2	19577	750
Kent Walker	Greene	H	11	115	89	66.2	3.7	2.19	22089	772
Ray Ward Dairy	Putnam	H	11	143	88	73.2	3.6	2.18	21991	762
Irvin R. Yoder	Macon	H	11	184	88	66.9	4	2.18	22944	825
Phil Harvey #2	Putnam	H	11	724	89	72.3	3.4	2.15	24062	
Bill Dodson	Putnam	H	11	227	88	68.9	3.8	2.12	22367	800

1Minimum herd or permanent string size of 10 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 20 DHIA By Test Day Fat Production- November 2010

Herd	County	Br.	Mo.	Cows	Test Day Average				Yearly Average	
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	10	384	90	90.9	3.7	2.69	27762	979
Vista Farm	Jefferson	H	11	95	86	84.2	3.3	2.42	22313	707
J. Everett Williams	Morgan	H	11	310	85	83.6	3.5	2.45	27449	970
D & T Dairy	Wilkes	H	10	64	85	83.2			24986	
Dave Clark	Morgan	H	11	948	87	79.9	3.6	2.34	25766	902
J. Everett Williams	Morgan	X	11	657	87	75.9	4	2.64	22761	937
Doug Chambers	Jones	H	10	349	87	74.5	3.7	2.42	23009	821
Scott Glover	White	H	11	76	85	74	4.7	2.72	22902	876
Ray Ward Dairy	Putnam	H	11	143	88	73.2	3.6	2.18	21991	762
Phil Harvey #2	Putnam	H	11	724	89	72.3	3.4	2.15	24062	
Larry Nisley	Macon	H	11	145	89	72.3	2.9	1.58	21727	656
R & D Dairy	Lee	H	11	108	91	72	3.9	2.26	24042	847
Westbrook Dairy	Brooks	H	11	1732		71.2				
B & S Dairy	Wilcox	H	10	674	85	71.1	3.4	1.91	20783	695
Brooksco Dairy	Brooks	H	11	2393	90	71			22288	
Earnest R. Turk	Putnam	H	11	410	92	69.6	3.9	2.31	21144	782
Troy Yoder	Macon	H	10	166	90	69.4	3.8	2.3	22277	800
Bill Dodson	Putnam	H	11	227	88	68.9	3.8	2.12	22367	800
Krulic Dairy Farm, Inc.	Screven	H	11	64	86	68.6	3.8	2.21	21138	841
Willie Jones Jr Dairy	Putnam	H	11	220	87	68.6			20514	
Agri-Fresh Dairy	Laurens	H	11	208	86	68.1	3.6	1.92	22350	787I am

1Minimum herd or permanent string size of 10 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 20 Lows Herds for SCC Score- September 2010

<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Mo.</u>	<u>Cows</u>	<u>Milk- Rolling</u>	<u>SCC-TD- Average Score</u>	<u>SCC-TD- Weight Average</u>	<u>SCC- Average Score</u>	<u>SCC- Wt. Average</u>
David Addis	Whitfield	H	9	61	17421	1.6	68	1.7	129
Scott Glover	White	H	9	79	23415	2.7	187	2.1	144
Dave Clark	Morgan	H	9	926	26049	2.5	181	2.2	146
Phil Harvey #2	Putnam	H	9	702	23816	2.4	216	2.3	202
J. Everett Williams	Morgan	X	9	1045	24357	2.5	215	2.3	223
Danny Bell	Morgan	H	9	245	21689	2.6	261	2.4	219
Dan Durham	Greene	X	9	110	15954	2.2	160	2.5	158
Irvin R. Yoder	Macon	H	9	180	23020	2.2	158	2.5	219
Bill Dodson	Putnam	H	9	216	22303			2.5	239
Agri-Fresh Dairy	Laurens	H	9	210	22504	2.8	352	2.5	272
Coastal Plain Exp. Station	Tift	H	9	236	22364	2	146	2.6	257
W.T. Meriwether	Morgan	H	9	99	18570	2.6	179	2.6	260
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	9	365	27447	2.6	249	2.6	265
R & D Dairy	Lee	H	9	115	24024	2.4	261	2.6	269
Doug Chambers	Jones	H	8	344	22479	2.5	307	2.6	306
Bud Butcher	Coweta	H	9	361	21446	2.7	277	2.6	328
Dairy Productions Systems- GA	Mitchell	H	9	3372	22494	3	297	2.7	226
Russ Gilbert	Morgan	H	9	147	17802	3.1	295	2.7	240
Thomas Bell	Morgan	H	9	144	16485	3	392	2.7	275
Horst Crest Farms	Burke	H	9	140	18756	2.4	238	2.8	307
Southern Rose Holsteins	Lee	H	9	121	22332	3.1	356	2.8	325
Marvin Yoder	Macon	H	9	151	20236	3.1	448	2.8	341
Larry L. Holdeman	Jefferson	H	8	134	19812	3.1	381	2.8	361

Top 20 Lows Herds for SCC Score- October 2010

<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Mo.</u>	<u>Cows</u>	<u>Milk- Rolling</u>	<u>SCC-TD- Average Score</u>	<u>SCC-TD- Weight Average</u>	<u>SCC- Average Score</u>	<u>SCC- Wt. Average</u>
David Addis	Whitfield	H	9	61	17421	1.6	68	1.7	129
Scott Glover	White	H	10	76	23187	2.6	150	2.1	144
Dave Clark	Morgan	H	10	947	25890	2.7	208	2.2	149
Phil Harvey #2	Putnam	H	10	702	23816	2.4	216	2.3	202
Danny Bell	Morgan	H	10	239	21848	2.6	248	2.4	228
Irvin R. Yoder	Macon	H	10	179	22962	3	269	2.4	205
J. Everett Williams	Morgan	X	10	1053	24470	2.5	227	2.4	228
Dan Durham	Greene	X	10	114	16208	3.8	418	2.5	187
Agri-Fresh Dairy	Laurens	H	10	208	22512	2.7	287	2.5	277
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	10	384	27762	2.6	297	2.5	261
W. T. Meriwether	Morgan	H	10	100	18422	2.8	148	2.6	243
Bud Butcher	Coweta	H	10	365	21484	2.9	337	2.6	329
Bill Dodson	Putnam	H	10	232	22278	3.1	361	2.6	260
Coastal Plains Exp. Station	Tift	H	10	240	22316	2.6	236	2.6	256
Doug Chambers	Jones	H	9	347	22757	3	281	2.6	280
R & D Dairy	Lee	H	10	114	24080	3.1	541	2.6	275
Thomas Bell	Morgan	H	10	142	16223	3	303	2.7	278
Ivan Peters	Jefferson	H	10	102	18981	2.7	258	2.7	311
Dairy Productions Systems- GA	Mitchell	H	10	3289	22436	2.9	243	2.7	225
Russ Gilbert	Morgan	H	10	142	17968	3.4	356	2.8	250
Horst Crest Farms	Burke	H	10	139	18817	3.2	459	2.8	318
Larry L. Holdeman	Jefferson	H	10	127	19429	2.8	410	2.8	359
Marvin Yoder	Macon	H	10	149	20314	3	403	2.8	342
Southern Rose Holsteins	Lee	H	10	118	22079	3.2	377	2.8	300

Top 20 Lows Herds for SCC Score- November 2010

<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Mo.</u>	<u>Cows</u>	<u>Milk-Rolling</u>	<u>SCC-TD-Average Score</u>	<u>SCC-TD-Weight Average</u>	<u>SCC-Average Score</u>	<u>SCC- Wt. Average</u>
David Addis	Whitfield	H	10	61	17489	1.5	115	1.6	128
Scott Glover	White	H	11	76	22902	2.6	154	2.2	144
Dave Clark	Morgan	H	11	948	25766	2.3	162	2.2	150
Phil Harvey #2	Putnam	H	11	724	24062			2.6	202
Irvin R. Yoder	Macon	H	11	184	22944	2.7	324	2.4	203
Agri-Fresh Dairy	Laurens	H	11	208	22350	2	122	2.4	256
J. Everett Williams	Morgan	X	11	1064	24561	2.3	205	2.4	228
Danny Bell	Morgan	H	11	235	22007	2.8	254	2.4	233
R & D Dairy	Lee	H	11	108	24042	2.4	203	2.5	266
Doug Chambers	Jones	H	10	349	23009	3	258	2.5	261
Rodgers' Hillcrest Farm, Inc.	McDuffie	H	10	384	27762	2.6	297	2.5	261
Dan Durham	Greene	X	10	114	16208	3.8	418	2.5	187
Bill Dodson	Putnam	H	11	227	22367			2.6	267
W.T. Meriwether	Morgan	H	11	104	18371	2.7	159	2.6	241
Coastal Plain Exp. Station	Tift	H	11	239	22285	2.6	199	2.6	247
Jumping Gully Dairy LLC	Brooks	H	11	1621		3.4	421	2.6	270
Marvin Yoder	Macon	X	11	157	20197	2.7	283	2.7	334
Bud Butcher	Coweta	H	11	359	21555	3.2	431	2.7	340
Dairy Production Systems- GA	Mitchell	H	11	3251	22454	2.8	230	2.7	224
Ivan Peters	Jefferson	H	10	102	18981	2.7	258	2.7	311

**Cooperative Extension Services
Department of Animal & Dairy Science
University of Georgia
Athens, GA 30602**

Dairyfax Newsletter Enclosed