



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.

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Sincerely,

Sha Tao

Associate Professor

Youth and Dairy Dawg Updates

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State 4-H Youth Events

There is nothing that provides promise of the future more than our young people. Between 4-H youth events and collegiate activities, the commitment of so many to the dairy industry's present and future is inspiring. Please enjoy reading more on how these young people are learning from and giving back to this great industry.

State 4-H Dairy Judging Contest

This year's State 4-H Dairy Judging Contest was again held at the UGA Teaching Dairy on April 18th. There were 26 Juniors (3 teams) and 22 Seniors (4 Teams) that competed for top honors at this year's contest.

Junior High Teams

1. Hall County
2. Burke County
3. Gordon County

Junior High Individuals

1. Madelyn Kilgore, Hall
2. Caroline Riley, Hall
3. Sara Morgan Sapp, Burke

Senior High Teams

1. Hall County
2. Gordon County
3. Morgan County

Senior High Individuals

1. Kylianne Brown, Hall
2. Mallory Kilgore, Hall
3. Noel Pickel, Morgan



Congratulations to the Senior Team from Hall County who will go on to represent Georgia at the National 4-H Dairy Judging Contest held alongside World Dairy Expo in Madison, WI on October 1st.

Thank you to the UGA Dairy Science Club students and UGA Teaching Dairy for helping to get animals prepared for the contest.



State 4-H Dairy Judging Contest winning Senior Team from Hall County with Hall County Extension Coordinator, Mr. Garrett Hibbs



Class of haltered, Jersey Cows at the UGA Teaching Dairy



The UGA Students and their advisor Dr. Jillian Bohlen who helped coordinate the contest

State 4-H Dairy Quiz Bowl Contest

The State 4-H Dairy Quiz Bowl contest was held in Athens, GA on May 15th. There were 4 Junior Teams and 2 Senior Teams competing for top honors. These young people had heads full of dairy knowledge and were ready to put it to the test at this year's competition!

Junior Contest

Placing first in the Junior Competition was Burke County with team members Sarah Beth Coble, Macy Doyen, Audrey Kyzer, Sara Morgan Sapp, and Emree Williams.

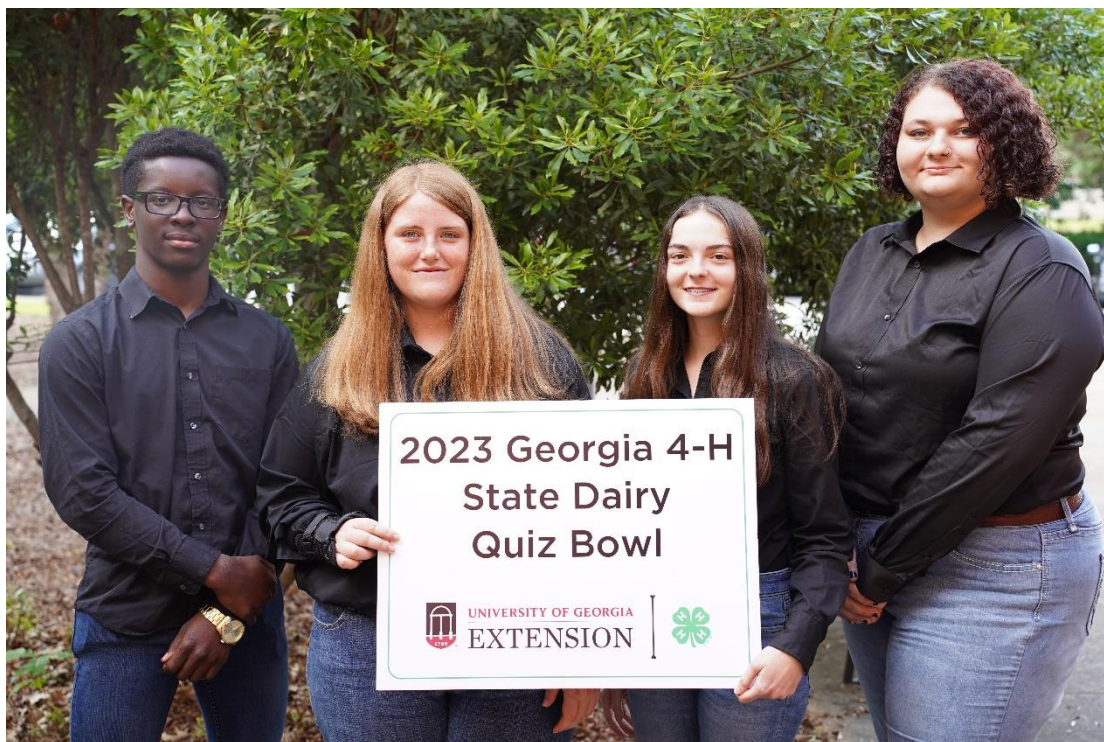
Oconee County Team A placed second and Coweta County placed third.

Senior Contest

Placing first in the Senior Competition was Coweta County with team members Justice Benjamin, Aurora Cadman, Gillian Ramponi, and Josie Roberson.

Oconee County placed second.

Congratulations to all competing teams and best of luck to Coweta County who will represent Georgia at the National 4-H Dairy Quiz Bowl contest in Louisville, KY on November 3rd and 4th.



State 4-H Dairy Quiz Bowl Contest winning Senior Team from Coweta County

Southeast Dairy Youth Retreat

This year's Southeast Dairy Youth Retreat (SEDYR) was hosted by North Carolina in Statesville, NC on July 9th – 12th. Georgia sent a delegation of twelve young people to attend this year's retreat. With a schedule full of fun, educational events, farm tours, and opportunities to get to know peers from different states, this was a tremendous opportunity for Georgia youth! Please encourage any young people you know to participate in next year's retreat!

Thank you to Georgia Dairy Youth Foundation and Southeast Dairy Farmer's Milk Check-Off program for helping to support these young people. Also, a huge thanks to our two chaperones, Mrs. Pam Sapp and Ms. Katelin Benkoski, for taking their time to help these young people with this opportunity.



Georgia's 2023 Southeast Dairy Youth Retreat Delegation

National 4-H Dairy Conference

The National 4-H Dairy Conference is a premier event for young agriculturalists to learn more about the dairy industry and develop national connections. Each year, Georgia selects 2-3 delegates to support in their representation of the state at this event. This year's selection was made difficult by a high number of qualified and dedicated young people with backgrounds in the 4-H program and service to their community. The final group selected to attend represent the most dedicated of the young, dairy community.

The Selected Delegates for 2023 are

Holt Sapp (Burke County)

Braedon Sizemore (Elbert County)

Lane Bridges (Chattooga County)

This group will have an expense paid trip to National 4-H Dairy Conference alongside World Dairy Expo on October 1st – 4th thanks to the generous support of the Georgia Dairy Youth Foundation and Southeast Dairy Farmer's Milk Check-Off program. An additional thank you goes to Roberta Pepper of Catoosa County for agreeing to serve as chaperone.

Collegiate Dairy Dawgs

The Dairy Dawgs, as usual, have been quite busy the past few months. Please follow them on Facebook (<https://www.facebook.com/ugadairyscienceclub>) or Instagram (<https://www.instagram.com/ugadairyscienceclub/>) for information on all activities they are currently participating in or hosting. Highlighted below is their trip to the national ADSA meetings.

2023 American Dairy Science Association Meetings

Every year, students from the University of Georgia attend the national American Dairy Science Association (ADSA) meetings with their advisor Dr. Jillian Bohlen. Their attendance and participation in this annual meeting show a true testament to their desire to learn more from and give back to the dairy industry.

This year started much like the last, the flight for the group was canceled within 24 hours of takeoff. Unsure that they wanted to drive Canada, the group remained steadfast in their determination to make it ON TIME to the meetings. Believe it or not, they again did just that albeit by plane, multiple layovers, and one red eye later! During their time at the meetings, they attended scientific sessions, gave talks in areas of dairy production, presented research findings, networked with peers, industry affiliates, and academics from across the world, and represented UGA impeccably. The merit of this group in work, respect, and dedication is one that all can be proud of. Below is a list of their tremendous accolades.

Student Delegation: Undergraduates Renee Hutton, Sophie Du Pont, Jenna Hargett, Alex Schlottman, Nick Hendrix, Miralee Shaffer, and graduate student Sarah Johnson.

- 🏆 Renee Hutton received 1st place in the national Dairy Foods presentation category with her talk “The saturated fat content in dairy products: A controversial look into the low-fat dairy food group recommendations in the USDA Dietary Guidelines for Americans”
- 🏆 Mira Shaffer received 3rd place in the national Undergraduate Research presentation category with her work under the direction of Dr. Bohlen, “Evaluating the influence of heritable metabolic and biological factors during the periparturient period on resumption of cyclicity postpartum”.
- 🏆 The delegation received 1st place for their website entry.
- 🏆 Sophie Du Pont was elected to serve as 1st Vice President to the national board.

- 🏆 Miralee Shaffer was recognized for her service as the outgoing 2nd Vice President to the national board.
- 🏆 The chapter was recognized as the third most outstanding in the nation, behind Penn State and VA Tech.
- 🏆 Sarah Johnson received first place in the Graduate Student Southern Section presentation for part of her graduate work under the direction of Dr. Bohlen titled “Characterizing postpartum resumption of cyclicity on a biological and genetic basis in Jersey cattle”

Additional research presentations from the group include:

Evaluating the influence of heritable, metabolic, and production parameters on cyclicity resumption in a dairy with a robotic milking system. [Poster Presentation]. S. Johnson, T. Marins, S. Tao, and J. Bohlen

Evaluating the influence of glucose and nonesterified fatty acids during the transition period on characteristics of cyclicity resumption postpartum. [Poster Presentation]. N. Hendrix, S. Johnson, T. Marins, S. Tao, and J. Bohlen



UGA Delegation at the National American Dairy Science Association Meetings



UGA Delegation at the Canada Agriculture and Food Museum

Graduate Student Spotlight: Sarah Johnson

(Editor's note: Sarah is a recent graduate from our Dairy program at UGA. She grew up in a suburb close to Atlanta and had no knowledge in dairy cattle and dairy industry. However, now she is working as a Dairy Advisory Product Specialist for DeLaval to serve the dairy industry. Her success demonstrates the value of our educational program in dairy science at the University of Georgia)

“What’s your background in dairy farming? Did your family have a farm?” are questions I receive almost every time I mention my career or degree to someone new.

My name is Sarah Johnson and I recently completed my Master’s in Animal and Dairy Science at the University of Georgia in May 2023. I previously obtained my Bachelor in Animal Science with a minor in Dairy Science at the University of Georgia in May 2021. I am currently working as a Dairy Advisory Product Specialist for DeLaval.

Many colleagues in my role have prior experience with the dairy industry, whether that be from a previous role or working on a family farm. However, I grew up 45 minutes outside of Atlanta in a suburb where there are very few dairy cows. I had an affinity for horses growing up and dreamed of being an equine veterinarian one day so I chose my major to be in Animal Science. During my junior year, I took Dr. Jillian Bohlen’s applied reproduction class in which we spent many laboratory classes on the university teaching dairy farm. I realized my affinity wasn’t necessarily solely for horses, but large animals in general. The more time I spent at the dairy, I realized I actually preferred the cows, even though I had never been around them growing up.

COVID-19 became prevalent during the semester I was in this class, and I quickly realized how I had an aching feeling when I was not able to go work with the cows at the dairy. I applied for a job to milk cows and feed calves at the dairy in order to spend more time with my boots on the ground. The summer of 2020, I spent every waking moment possible at the farm, doing chores and preg checks in my free time, because of how much I enjoyed the dairy cows and the community of people who worked with them. When school picked back up, I began undergraduate research with Dr Bohlen through the College of Agriculture and Environmental Sciences Undergraduate Research Program. Our project focused on the storage methods of colostrum and the method’s impact on quality and passive immunity in calves. From this semester on, I was determined to make a career for myself in the dairy industry, leaving my dreams of being a veterinarian in the dust.

Upon graduating with my bachelor’s degree, I began a master’s under Dr. Bohlen focusing specifically on applied dairy cattle reproduction. I wasn’t quite sure what path I wanted to take in the industry, but knew I wanted to carve my own pathway in it. I was graciously able to begin a research project on a local dairy farm utilizing four DeLaval VMS300 milking robots to evaluate the time to resumption of cyclicity in postpartum dairy cows. This project used DeLaval activity meter collars to determine estrous expression along with blood samples to evaluate metabolites during the transition period. I was quickly exposed to the DelPro software to learn more about the cows’ milk production, visits to the VMS, and activity levels. I really enjoyed playing around with the program and digesting the comprehensive data the program offered me about each individual cow.

We decided to run a very similar project with the teaching dairy herd since it is a conventional milking parlor. The study was expanded with intra-uterine swab collection in an attempt to explore

the uterine microbiome and evaluate its relationship with resumption of cyclicity. However, the cows' estrous detection appeared different even though UGA was using the same activity meter collars as the VMS farm. We contacted DeLaval and were in communication with members of the advisory team to solve the issues we were experiencing and were advised to create a customized report to detect estrus. This report allowed cows with lower estrous expression to be identified by the system.

When I saw a job position on the advisory team was open, I began pursuing a career with DeLaval. The job was an extensive travel position, and I was nervous to spend that much time away from home. I wanted to push myself outside of my comfort zone in order to learn as much as I can about the dairy industry, so I applied for the job. I have now been with the advisory team at DeLaval for 3 months, and I can say it has been an incredibly exciting journey every step of the way. I have been traveling all across the country almost weekly for training on various DeLaval products in order to assist clients and dealerships in the future. With this job I have the ability to visit different farms with different technologies and management styles, and am currently absorbing everything I can possibly learn, like a sponge! I owe where I am today entirely to Dr. Bohlen introducing me to the dairy world, her mentorship, and her friendship. She has encouraged me to seize opportunities I never would imagine possible for myself. As an outsider to agriculture and specifically the dairy industry, I feel extremely lucky to have been exposed to these opportunities in dairy at the University of Georgia.



Selecting a Commercial Dairy Heifer

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Introduction

The face of the United States dairy industry is continually changing. The number of dairy farms is declining while the number of animals per farm and milk production per cow is increasing. With current marketing price and structure, the dairy farm is under a constant battle to balance growth with efficiency all while understanding that people and animal resources govern both. While the primary conversations for dairy farm productivity are rooted in pounds produced, components, feed costs, and milk marketing, the topic of efficiency yields to being much broader. This is because dairy farm efficiency has strong, lateral roots in cow fertility, health and wellness, and overall productive life. The way in which this efficiency is met may vary greatly from farm to farm but it is, in part, being found in the commercial animal. Therefore, the information contained herein is provided in an effort to provide guidance on the conformation of commercial heifers found to be most ideal for future production efficiency.

What is a “commercial” dairy animal?

The definition of a commercial animal often means different things to different people. A good, generalized take is that a commercial animal may be of purebred or crossbred genetics, where their performance on farm is of importance not any documented, registered pedigreed lines they may carry forward. Quite simply, a commercial animal is one that meets the production needs of the farm and is not registered.

The commercial animal has grown from an industry with a foundation in purebred, registered genetics that focused on a singular breed, the Holstein, for early industry growth and current production. However, the seeded need for registered genetics has waned as difficulty with purebred lines, such as inbreeding depression and singular trait selection intensity, has increased. Increased interest in promoting hybrid vigor to recoup reproductive capacity, build components, and increase herd life has led to an outcropping of crossbred genetics filling the “commercial” animal sector.

Though there are those still dedicated to the purebred, genetic lines, some of these lost interest in registration over time and thus now carry the “commercial” moniker. The registration on these farms lost momentum during tough economic years and as the ability to recoup those expenses was not realized on farms absent of any genetic marketing program. Though individual farm interests may change, it is not to take anything away from the additional benefits and services provided through registration programs with breed organizations.

Conformation of the Commercial Dairy Heifer

The fundamentals of a good, functional type animal should be found in the phenotypic evaluation of both registered and non-registered animals. However, the emphasis placed on various

trait categories may skew a little based on individual farm needs and valuation of specific traits relative to those of breed organizations.

The dairy industry relies on well-grown replacements with functional type traits to stand the test of time in the lactating herd. Rearing these replacements and evaluation of their type traits is a popular youth project in the state of Georgia; however, goals or guidelines for heifer selection are not well illustrated in any current publication. The information contained herein is a set of standards that should be looked upon heavily as individuals within and outside of the youth commercial dairy heifer program go to select commercial dairy replacements.

Frame

The frame sets the structural character of the animal. Factors included in this discussion influence total animal size as well as structural correctness that may influence movability. These in combination tend to drive fitness for living environments as well as long term livability.

- Rump
 - Length and width to rump
 - Long, wide rumps provide idea of total frame width and length but more importantly serve as indicators for ease of calving, fertility, and animal longevity.
 - Slight drop from hips to pins
 - Implications for reproductive health – cleanliness and calving
 - May also influence rear leg set and locomotion
- Back
 - Straight and strong across the top
 - May influence rear leg set and locomotion
- Front End
 - Wide through the chest floor that transcends into squarely placed front feet, while maintaining shoulders and elbows that tie in neatly to the body wall.
- Stature
 - Well grown for breed composition and age. Uniformity in stature when measured at the withers and hips.
 - Large frame size may have negative implications for metabolic heat load; thus “well grow” is the preferred reference.

Dairy Strength

Dairyness is an overarching term to describe an animal whose physical appearance indicates that energy intake is not expended in muscle and fat deposition. However, the dairyness of an animal should not come at the sacrifice of strength, which can influence an animal’s ability to stand the test of time in a commercial herd. Therefore, animals are favored that are broad, wide, have substance of bone while being flat through the bone and clean over it.

- Ribs
 - Wide, flat, and openly spaced ribs
 - Depth exhibited in both fore and rear rib
 - Rear sweeping rib
 - Indications of dairy characteristics that promote energy expenditures to growth and ultimately milk production over fat and muscle.
- Chest and Neck
 - Wide and robust in the front end and deep in the chest floor
 - Clean and long in the neck
 - Clean throughout the dewlap and brisket
 - Width in the front end corresponds with rump width to show end-to-end volume, which can influence feeding capacity. Cleanliness along the neck, dewlap, and brisket are an indication of adequate condition (not too conditioned) as well as the desirable predisposition in dairy genetics to not carry excess flesh.
- Condition and Flesh coverage
 - Condition and coverage should be appropriate for age and reproductive status
 - Excess condition should be discriminated against
 - Too little condition indicative of fragility and/or poor nutrition should be discriminated against
 - Amount of condition can influence growth, reproductive efficiency, and first lactation performance. Adequate fleshing, has strong implications for nutritional plane but may also be influenced by genetics.
- Bone
 - Flat but substantive in the bone
 - Flat bone is indicative of dairy genetics but also indicates a lack of fat covering. Substantive is to ensure that while trying to get the refinement of a dairy animal for energy to milk conversion, there is not a loss in rigor or robustness of skeletal structure.

Feet and Legs

The comfort of the foot and leg of a dairy animal influences her desire to feed, ability to move freely to and from the milking parlor, and show signs of reproductive behavior. Therefore, comfortable movement with structural correctness to show longevity of that comfortable movement in the dairy heifer are highly favored for increased productive herd life.

- Movement
 - Freely and easily moves with an appropriate stride and filling of tracks
 - Long term implications for hoof health and lameness
- Rear legs
 - Her hock exhibits the appropriate amount of set as exhibited with adequate flex provided as she moves
 - When viewed from behind, stands with a wide leg set and straight hocks
 - Ultimately influences the ease and comfort of movement as well as appropriate hoof wearing
- Hooves and Pasterns
 - She has adequate depth of the heel and an approximate 45 degree angle to the toe
 - Strong set of pasterns with adequate bone
 - Although some hoof corrections may be made with trimming, hoof issues may indicate leg or rump skeletal issues that may exacerbate with age and weight

All aspects of feet and legs should be evaluated while the animal is standing and on the move

Summary

While the industry is ever evolving and farms unique in their approaches to production, there is an unwavering thread that remains constant. That thread is that a farm's future lies in its heifers. Whether breeding registered, unregistered/purebred, or crossbred, selecting the right heifer for the farm's goals is essential. Physical, type traits of appeal should be based in robust, vigorous animals that have the ability to stand the test of time, productively and physically. These basic selection principles should also serve as the baseline for our youth rearing dairy heifers as part of the commercial dairy heifer project. While all will not agree on the fine points of good conformation, this article serves as a method to outline the broad, sweeping strokes of good conformation that should be foundational in selecting heifers.

Important Dates

2023-2024

Georgia Dairy Conference

- January 15-17, 2024
- Marriott Savannah Riverfront
- <https://www.gadairyconference.com/>



Top GA DHIA By Test Day Milk Production – June 2023										
					Test Day Average				Yearly Average	
<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Test Date</u>	<u>¹Cows</u>	<u>% in Milk</u>	<u>Milk</u>	<u>% Fat</u>	<u>TD Fat</u>	<u>Milk</u>	<u>Lbs. Fat</u>
GODFREY DAIRY FARM*	Morgan	HO	6/5/2023	1196	88	100.9	4.5	3.96	31304	1225
DANNY BELL*	Morgan	HO	6/6/2023	330	91	99.3	4.1	3.8	31033	1236
SCHAAPMAN HOLSTEINS*	Wilcox	HO	6/24/2023	743	89	89.4	3.7	2.97	31023	1156
MARTIN DAIRY L. L. P.	Hart	HO	6/1/2023	295	85	88.8	3.8	2.8	26955	1096
WDAIRY LLC*	Morgan	XX	6/26/2023	2040	87	88.5	4.6	3.54	28551	1283
A & J DAIRY*	Wilkes	HO	6/15/2023	392	92	86.9	0	0	28774	
DOUG CHAMBERS	Jones	HO	5/22/2023	424	87	86.7	3.5	2.54	26025	966
ARROWHEAD DAIRY LLC	Burke	HO	6/7/2023	1199	89	86.5	3.8	2.81	27288	1029
OCMULGEE DAIRY	Houston	HO	5/25/2023	337	86	76	3.8	2.5	23560	866
VISSCHER DAIRY LLC*	Jefferson	HO	6/27/2023	723	85	75.9	0	0	24152	
SCOTT GLOVER	Hall	HO	6/12/2023	92	86	74.1	4.2	2.88	26779	1044
UNIV OF GA DAIRY FARM	Clarke	XX	6/21/2023	142	86	73.2	4.4	2.95	21658	907
W & R FARMS, LLC	Burke	XX	6/19/2023	238	89	72.5	3.9	2.39	19606	843
RYAN HOLDEMAN	Jefferson	HO	5/17/2023	112	93	67.6	3.8	2.55	22895	880
JERRY SWAFFORD	Putnam	HO	6/16/2023	168	92	67.1	3.5	2.33	23214	872
HORST CREST FARMS	Burke	HO	5/25/2023	159	86	67	3.8	2.23	19529	782
BOB MOORE	Putnam	HO	6/12/2023	222	89	63.2	3.7	2.26	21241	828
JAMES W MOON	Morgan	HO	6/15/2023	134	84	61.8	3.7	1.95	18559	718
BERRY COLLEGE DAIRY	Floyd	JE	6/8/2023	33	85	59.9	4.8	2.18	18463	904
DONALD NEWBERRY	Bibb	HO	6/1/2023	85	89	59.3	3.3	1.86	20021	670

¹Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on 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 – June 2023										
					Test Day Average				Yearly Average	
<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Test Date</u>	<u>¹Cows</u>	<u>% in Milk</u>	<u>Milk</u>	<u>% Fat</u>	<u>TD Fat</u>	<u>Milk</u>	<u>Lbs. Fat</u>
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UNIV OF GA DAIRY FARM	Clarke	XX	6/21/2023	142	86	73.2	4.4	2.95	21658	907
SCOTT GLOVER	Hall	HO	6/12/2023	92	86	74.1	4.2	2.88	26779	1044
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W & R FARMS, LLC	Burke	XX	6/19/2023	238	89	72.5	3.9	2.39	19606	843
BUDDHA BELLY FARM LLC	Brooks	XX	5/15/2023	658	87	57.8	4.2	2.33	17445	717
JERRY SWAFFORD	Putnam	HO	6/16/2023	168	92	67.1	3.5	2.33	23214	872
BOB MOORE	Putnam	HO	6/12/2023	222	89	63.2	3.7	2.26	21241	828
HORST CREST FARMS	Burke	HO	5/25/2023	159	86	67	3.8	2.23	19529	782
BERRY COLLEGE DAIRY	Floyd	JE	6/8/2023	33	85	59.9	4.8	2.18	18463	904
RODNEY & CARLIN GIESBRECHT	Washington	XX	5/31/2023	90	92	57.7	3.9	2.17	20615	829
ROGERS FARM SERVICES	Tattnall	XX	6/7/2023	164	89	54.7	4.6	2.16	16544	739
GRASSY FLATS	Brooks	XX	5/18/2023	630	88	52.4	4.1	2.14	17073	680

¹Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on 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).



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GODFREY DAIRY FARM*	Morgan	HO	7/3/2023	1199	88	99.7	3.8	3.39	31382	1234
DANNY BELL*	Morgan	HO	7/5/2023	332	91	97.9	3.8	3.37	31300	1246
MARTIN DAIRY L. L. P.	Hart	HO	6/28/2023	290	85	90.8	3.7	2.84	26991	1092
SCHAAPMAN HOLSTEINS*	Wilcox	HO	6/24/2023	743	89	89.4	3.7	2.97	31023	1156
TROY YODER	Macon	HO	6/30/2023	332	87	87.1	3.8	2.86	25421	985
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ARROWHEAD DAIRY LLC	Burke	HO	7/5/2023	1212	89	85	3.6	2.62	27252	1026
A & J DAIRY*	Wilkes	HO	7/12/2023	384	92	84	0	0	28620	
DOUG CHAMBERS	Jones	HO	7/25/2023	420	86	80.5	3.7	2.52	25809	964
VISSCHER DAIRY LLC*	Jefferson	HO	6/27/2023	723	85	75.9	0	0	24152	
OCMULGEE DAIRY	Houston	HO	6/29/2023	345	86	74.7	3.7	2.33	23483	869
W & R FARMS, LLC	Burke	XX	7/18/2023	241	89	70	3.5	2.21	19838	843
UNIV OF GA DAIRY FARM	Clarke	XX	7/21/2023	135	87	67.7	5.2	3.1	22033	940
ALEX MILLICAN	Walker	HO	7/13/2023	79	71	67.3	2.9	1.43	17327	546
RODNEY & CARLIN GIESBRECHT	Washington	XX	6/27/2023	143	91	65.4	3.6	2.27	20475	823
BERRY COLLEGE DAIRY	Floyd	JE	7/7/2023	29	85	64.9	4.9	2.3	18366	898
HORST CREST FARMS	Burke	HO	6/29/2023	157	86	63.3	3.6	1.95	19635	783
RYAN HOLDEMAN	Jefferson	HO	7/19/2023	111	93	62.8	3.8	2.34	21808	838
DONALD NEWBERRY	Bibb	HO	6/29/2023	81	88	61.2	3.2	1.55	19959	667
JAMES W MOON	Morgan	HO	7/12/2023	133	83	59.1	3.7	1.73	18527	719

¹Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on 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 – July 2023										
					Test Day Average				Yearly Average	
Herd	County	Br.	Test Date	¹ Cows	% in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
GODFREY DAIRY FARM*	Morgan	HO	7/3/2023	1199	88	99.7	3.8	3.39	31382	1234
DANNY BELL*	Morgan	HO	7/5/2023	332	91	97.9	3.8	3.37	31300	1246
WDAIRY LLC*	Morgan	XX	7/24/2023	2032	87	85.1	4.5	3.32	28439	1283
UNIV OF GA DAIRY FARM	Clarke	XX	7/21/2023	135	87	67.7	5.2	3.1	22033	940
SCHAAPMAN HOLSTEINS*	Wilcox	HO	6/24/2023	743	89	89.4	3.7	2.97	31023	1156
TROY YODER	Macon	HO	6/30/2023	332	87	87.1	3.8	2.86	25421	985
MARTIN DAIRY L. L. P.	Hart	HO	6/28/2023	290	85	90.8	3.7	2.84	26991	1092
ARROWHEAD DAIRY LLC	Burke	HO	7/5/2023	1212	89	85	3.6	2.62	27252	1026
DOUG CHAMBERS	Jones	HO	7/25/2023	420	86	80.5	3.7	2.52	25809	964
RYAN HOLDEMAN	Jefferson	HO	7/19/2023	111	93	62.8	3.8	2.34	21808	838
OCMULGEE DAIRY	Houston	HO	6/29/2023	345	86	74.7	3.7	2.33	23483	869
BERRY COLLEGE DAIRY	Floyd	JE	7/7/2023	29	85	64.9	4.9	2.3	18366	898
RODNEY & CARLIN GIESBRECHT	Washington	XX	6/27/2023	143	91	65.4	3.6	2.27	20475	823
W & R FARMS, LLC	Burke	XX	7/18/2023	241	89	70	3.5	2.21	19838	843
BOB MOORE	Putnam	HO	7/10/2023	204	88	57.2	3.9	2.1	21089	823
HORST CREST FARMS	Burke	HO	6/29/2023	157	86	63.3	3.6	1.95	19635	783
ROGERS FARM SERVICES	Tattnall	XX	7/5/2023	154	90	46.5	4.4	1.9	16403	737
JERRY SWAFFORD	Putnam	HO	7/17/2023	160	92	55.3	3.7	1.82	23208	863
JAMES W MOON	Morgan	HO	7/12/2023	133	83	59.1	3.7	1.73	18527	719
DONALD NEWBERRY	Bibb	HO	6/29/2023	81	88	61.2	3.2	1.55	19959	667

¹Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on 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 – August 2023										
<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Test Date</u>	<u>¹Cows</u>	<u>Test Day Average</u>				<u>Yearly Average</u>	
					<u>% in Milk</u>	<u>Milk</u>	<u>% Fat</u>	<u>TD Fat</u>	<u>Milk</u>	<u>Lbs. Fat</u>
GODFREY DAIRY FARM*	Morgan	HO	7/31/2023	1219	88	97	3.5	3.08	31369	1227
DANNY BELL*	Morgan	HO	8/1/2023	334	92	95.6	3.8	3.32	31531	1251
MARTIN DAIRY L. L. P.	Hart	HO	8/9/2023	280	85	89.1	3.4	2.71	27145	1084
SCHAAPMAN HOLSTEINS*	Wilcox	HO	8/2/2023	734	89	87.8	3.6	2.92	30981	1156
ARROWHEAD DAIRY LLC	Burke	HO	8/2/2023	1266	89	87.3	3.3	2.53	27224	1028
WDAIRY LLC*	Morgan	XX	8/21/2023	2039	87	84.5	4.5	3.28	28341	1278
TROY YODER	Macon	HO	8/7/2023	291	87	82.7	3.7	2.47	25523	993
A & J DAIRY*	Wilkes	HO	8/10/2023	387	92	82.2	0	0	28537	
DOUG CHAMBERS	Jones	HO	8/22/2023	415	86	80.5	3.7	2.58	25794	965
OCMULGEE DAIRY	Houston	HO	7/27/2023	343	85	74.6	3.6	2.29	23400	867
SCOTT GLOVER	Hall	HO	8/8/2023	93	87	72.7	4.2	2.76	26297	1057
W & R FARMS, LLC	Burke	XX	8/15/2023	245	89	71.8	3.4	2.19	20453	859
UNIV OF GA DAIRY FARM	Clarke	XX	8/23/2023	138	88	69.5	4.4	2.79	22284	965
RYAN HOLDEMAN	Jefferson	HO	7/19/2023	111	93	62.8	3.8	2.34	21808	838
ALEX MILLICAN	Walker	HO	8/16/2023	78	72	62.3	3.2	1.31	17606	552
HORST CREST FARMS	Burke	HO	7/27/2023	147	88	61	3.7	2.04	19969	792
BOB MOORE	Putnam	HO	8/7/2023	174	88	59	3.8	1.88	20922	820
BERRY COLLEGE DAIRY	Floyd	JE	8/1/2023	32	85	58.8	4.5	2.15	18488	904
JAMES W MOON	Morgan	HO	8/10/2023	134	83	58.8	3.7	1.72	18546	721
JERRY SWAFFORD	Putnam	HO	8/14/2023	157	91	58.4	3.8	1.71	23023	854

¹Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on 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 – August 2023										
<u>Herd</u>	<u>County</u>	<u>Br.</u>	<u>Test Date</u>	<u>¹Cows</u>	<u>Test Day Average</u>				<u>Yearly Average</u>	
					<u>% in Milk</u>	<u>Milk</u>	<u>% Fat</u>	<u>TD Fat</u>	<u>Milk</u>	<u>Lbs. Fat</u>
DANNY BELL*	Morgan	HO	8/1/2023	334	92	95.6	3.8	3.32	31531	1251
WDAIRY LLC*	Morgan	XX	8/21/2023	2039	87	84.5	4.5	3.28	28341	1278
GODFREY DAIRY FARM*	Morgan	HO	7/31/2023	1219	88	97	3.5	3.08	31369	1227
SCHAAPMAN HOLSTEINS*	Wilcox	HO	8/2/2023	734	89	87.8	3.6	2.92	30981	1156
UNIV OF GA DAIRY FARM	Clarke	XX	8/23/2023	138	88	69.5	4.4	2.79	22284	965
SCOTT GLOVER	Hall	HO	8/8/2023	93	87	72.7	4.2	2.76	26297	1057
MARTIN DAIRY L. L. P.	Hart	HO	8/9/2023	280	85	89.1	3.4	2.71	27145	1084
DOUG CHAMBERS	Jones	HO	8/22/2023	415	86	80.5	3.7	2.58	25794	965
ARROWHEAD DAIRY LLC	Burke	HO	8/2/2023	1266	89	87.3	3.3	2.53	27224	1028
TROY YODER	Macon	HO	8/7/2023	291	87	82.7	3.7	2.47	25523	993
RYAN HOLDEMAN	Jefferson	HO	7/19/2023	111	93	62.8	3.8	2.34	21808	838
OCMULGEE DAIRY	Houston	HO	7/27/2023	343	85	74.6	3.6	2.29	23400	867
W & R FARMS, LLC	Burke	XX	8/15/2023	245	89	71.8	3.4	2.19	20453	859
BERRY COLLEGE DAIRY	Floyd	JE	8/1/2023	32	85	58.8	4.5	2.15	18488	904
RODNEY & CARLIN GIESBRECHT	Washington	XX	7/29/2023	134	90	55.4	3.9	2.08	20369	817
HORST CREST FARMS	Burke	HO	7/27/2023	147	88	61	3.7	2.04	19969	792
ROGERS FARM SERVICES	Tattnall	XX	8/1/2023	154	90	47.5	4.6	1.97	16263	736
BOB MOORE	Putnam	HO	8/7/2023	174	88	59	3.8	1.88	20922	820
JAMES W MOON	Morgan	HO	8/10/2023	134	83	58.8	3.7	1.72	18546	721
JERRY SWAFFORD	Putnam	HO	8/14/2023	157	91	58.4	3.8	1.71	23023	854

¹Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on 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 Low Herds for SCC – TD Average Score – June 2023

<u>Herd</u>	<u>County</u>	<u>Test Date</u>	<u>Br.</u>	<u>¹Cows</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.</u>
SCOTT GLOVER	Hall	6/12/2023	HO	92	26779	1.5	80	1.7	102
JERRY SWAFFORD	Putnam	6/16/2023	HO	168	23214	1.7	119	2.8	255
DANNY BELL*	Morgan	6/6/2023	HO	330	31033	1.7	120	1.8	145
BERRY COLLEGE DAIRY	Floyd	6/8/2023	JE	33	18463	1.9	76	1.8	77
UNIV OF GA DAIRY FARM	Clarke	6/21/2023	XX	142	21658	2	147	2.2	192
ROGERS FARM SERVICES	Tattnall	6/7/2023	XX	164	16544	2.1	137	3.1	304
MARTIN DAIRY L. L. P.	Hart	6/1/2023	HO	295	26955	2.1	143	2.5	191
GODFREY DAIRY FARM*	Morgan	6/5/2023	HO	1196	31304	2.2	209	2.2	188
W & R FARMS, LLC	Burke	6/19/2023	XX	238	19606	2.3	197	2.3	149
ARROWHEAD DAIRY LLC	Burke	6/7/2023	HO	1199	27288	2.3	223	2.2	175
DOUG CHAMBERS	Jones	5/22/2023	HO	424	26025	2.5	210	2.6	228
WDAIRY LLC*	Morgan	6/26/2023	XX	2040	28551	2.5	213	2.2	166
DONALD NEWBERRY	Bibb	6/1/2023	HO	85	20021	2.7	159	2.9	229
JAMES W MOON	Morgan	6/15/2023	HO	134	18559	2.8	215	2.9	300
RYAN HOLDEMAN	Jefferson	5/17/2023	HO	112	22895	2.8	413	2.7	297
HORST CREST FARMS	Burke	5/25/2023	HO	159	19529	3.3	430	3.2	322
RODNEY & CARLIN GIESBRECHT	Washington	5/31/2023	XX	90	20615	3.4	345	2.9	311
BOB MOORE	Putnam	6/12/2023	HO	222	21241	4	518	3.9	436
OCMULGEE DAIRY	Houston	5/25/2023	HO	337	23560	4	549	3.9	493

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Top GA Low Herds for SCC –TD Average Score – July 2023

<u>Herd</u>	<u>County</u>	<u>Test Date</u>	<u>Br.</u>	<u>¹Cows</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.</u>
BERRY COLLEGE DAIRY	Floyd	7/7/2023	JE	29	18366	1.2	41	1.8	75
DANNY BELL*	Morgan	7/5/2023	HO	332	31300	1.4	160	1.7	143
GODFREY DAIRY FARM*	Morgan	7/3/2023	HO	1199	31382	1.9	150	2.2	185
ALEX MILLICAN	Walker	7/13/2023	HO	79	17327	1.9	251	2.5	237
ROGERS FARM SERVICES	Tattnall	7/5/2023	XX	154	16403	2	164	3	280
UNIV OF GA DAIRY FARM	Clarke	7/21/2023	XX	135	22033	2	184	2.2	192
TROY YODER	Macon	6/30/2023	HO	332	25421	2	184	2.4	170
MARTIN DAIRY L. L. P.	Hart	6/28/2023	HO	290	26991	2.2	173	2.5	188
WDAIRY LLC*	Morgan	7/24/2023	XX	2032	28439	2.2	194	2.2	163
RODNEY & CARLIN GIESBRECHT	Washington	6/27/2023	XX	143	20475	2.2	223	2.9	301
W & R FARMS, LLC	Burke	7/18/2023	XX	241	19838	2.4	229	2.3	156
ARROWHEAD DAIRY LLC	Burke	7/5/2023	HO	1212	27252	2.5	184	2.2	176
DOUG CHAMBERS	Jones	7/25/2023	HO	420	25809	2.6	221	2.6	216
JAMES W MOON	Morgan	7/12/2023	HO	133	18527	2.8	271	2.9	298
RYAN HOLDEMAN	Jefferson	7/19/2023	HO	111	21808	2.8	390	2.8	304
JERRY SWAFFORD	Putnam	7/17/2023	HO	160	23208	3	310	2.7	250
HORST CREST FARMS	Burke	6/29/2023	HO	157	19635	3.4	439	3.2	339
DONALD NEWBERRY	Bibb	6/29/2023	HO	81	19959	3.8	589	3	269
BOB MOORE	Putnam	7/10/2023	HO	204	21089	4.2	519	3.9	446
OCMULGEE DAIRY	Houston	6/29/2023	HO	345	23483	4.2	576	3.9	499

¹Minimum herd or permanent string size of 20 cows. Yearly average calculated after 365 days on 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 Low Herds for SCC –TD Average Score – August 2023

<u>Herd</u>	<u>County</u>	<u>Test Date</u>	<u>Br.</u>	<u>¹Cows</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.</u>
BERRY COLLEGE DAIRY	Floyd	8/1/2023	JE	32	18488	1.5	50	1.8	72
SCOTT GLOVER	Hall	8/8/2023	HO	93	26297	1.5	75	1.7	91
MARTIN DAIRY L. L. P.	Hart	8/9/2023	HO	280	27145	1.8	166	2.4	185
DANNY BELL*	Morgan	8/1/2023	HO	334	31531	1.9	116	1.7	140
ROGERS FARM SERVICES	Tattnall	8/1/2023	XX	154	16263	2	126	2.9	259
GODFREY DAIRY FARM*	Morgan	7/31/2023	HO	1219	31369	2	182	2.2	182
ALEX MILLICAN	Walker	8/16/2023	HO	78	17606	2.1	287	2.5	240
ARROWHEAD DAIRY LLC	Burke	8/2/2023	HO	1266	27224	2.2	134	2.2	173
WDAIRY LLC*	Morgan	8/21/2023	XX	2039	28341	2.4	204	2.2	161
UNIV OF GA DAIRY FARM	Clarke	8/23/2023	XX	138	22284	2.4	271	2.2	192
DOUG CHAMBERS	Jones	8/22/2023	HO	415	25794	2.8	339	2.6	226
RYAN HOLDEMAN	Jefferson	7/19/2023	HO	111	21808	2.8	390	2.8	304
JAMES W MOON	Morgan	8/10/2023	HO	134	18546	2.9	391	2.9	305
W & R FARMS, LLC	Burke	8/15/2023	XX	245	20453	3.1	376	2.4	174
RODNEY & CARLIN GIESBRECHT	Washington	7/29/2023	XX	134	20369	3.1	407	2.9	311
TROY YODER	Macon	8/7/2023	HO	291	25523	3.2	306	2.5	193
HORST CREST FARMS	Burke	7/27/2023	HO	147	19969	3.3	385	3.3	353
JERRY SWAFFORD	Putnam	8/14/2023	HO	157	23023	3.7	459	2.7	266
BOB MOORE	Putnam	8/7/2023	HO	174	20922	4.3	554	3.9	451
OCMULGEE DAIRY	Houston	7/27/2023	HO	343	23400	4.5	705	4	525

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