

GEORGIA DAIRYFAX

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

JANUARY, FEBRUARY, MARCH 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.

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Sincerely,



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County Extension Director or County Agent

Dairyfax Newsletter

Gender Selected Semen Usage in Central Georgia

Kelsey Pruitt and Bill Graves

A major concern of the dairy industry is economics. Gender selected semen is relatively new to the dairy world; however the availability and use has become ever more increasing over the past few years. Data is limited from Georgia. This information would provide insight to the true usage of sexed versus conventional semen in our area.

The modification of semen from X and Y bearing sperm occur through sorting and selection. The sperm are stained with a DNA-binding fluorescent dye and observed to determine the female chromosome which must be separated. The Y-chromosome is acknowledged by the flow cytometrical cell sorter because there is 3.8% less DNA than in the X-chromosome (De Vries et. al., 2008). It is with about 85-95% certainty that the sperm will contain the female chromosome (Garner and Seidel, 2003 *in* De Vries et. al., 2008). The goal of this reproduction technology is to determine the sex of your calf, which is extremely beneficial in the dairy industry. If a heifer calf is predetermined, more heifers would be available for replacements. This allows for improvement of herd genetics, since the genetically inferior animals would be eliminated. Not only these benefits, but also a decrease in any risks of biosecurity would be allowed due to expansion within the herd.

There are also disadvantages that are associated with this genetic technology. Concerns about sexed semen range from increased costs to a decreased conception rate found when compared to conventional semen used artificially. Many producers find it hard to weigh the price increase of sexed semen against traditional, especially when the fertility is found to be lower with the sexed. Due to a lower concentration of sperm per straw and effects of the sorting process of gender selection, a decrease of about 25% from the fertility of conventional semen has been reported (DeJarnette et al., 2007 *in* De Vries, 2009). However, the probability that you will receive the desired sex must be considered. It is with about 90% accuracy that the sorting method will allow the X-chromosome sperm to be present (Garner and Seidel, 2005 and DeJarnette et al., 2008 *in* De Vries, 2009). This is important to consider when you look at the big picture and compare the market price of calves. A heifer calf would bring about \$450 dollars, when a bull calf rate would be about one ninth of that, at fifty dollars or possibly worse. The fertility alone of conventional and gender selected semen is not the only determinate of the conception rate. Either method should account for the exceptional management of a herd, secure handling of sperm, and use of a skilled inseminator with accurate timing and placement.

Our search began with 42 herds from six counties in central Georgia. Breeding data of these herds over the past 12 months from July, 2009 were examined, as eight of them were found to have gender selected data. Two of the eight sexed herds had unusable data; one herd had improper identification of the sire and the other had missing service dates. The remaining six herds that used both sexed and non-sexed semen were examined in the study. When comparing the number of services of each sexed sire and the total successful services, the total percent successful was found. This was also done for all traditional semen used. The results differed on each farm over a 12 month period. When observing the data independently of each farm, the gender selected data was found to be more successful in four herds, while conventional semen success was shown in two of the six herds. Some herds showed more success in both forms of semen, probably due to the careful use of

each type. As Figure I. shows, a comparison of the two methods revealed that 68% of the herds thrived in gender selected semen, while half of that at 34% were found to be successful in conventional semen services. When a statistical test was ran on the information, $T = 0.0011$ was found, which implies a highly significant difference when comparing the two forms of semen.

This study, along with others, demonstrates that “cherry picking” is extremely common in the application of gender semen use in the central Georgia dairy industry. It seems that the more expensive semen is being more carefully handled and used with solid heats in fertile animals (De Vries, 2009). More attention is being paid to the cattle, which more than likely leads to a decrease in conception risk in the use of gender selected semen for artificial insemination.

References

- De Vries, A. 2009. The economics of sexed semen in dairy heifers and cows. Univ. Florida Ext. Publ. AN214. <http://edis.ifas.ufl.edu/pdffiles/AN/AN21400.pdf> Accessed Oct. 11, 2009.
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- Skrinjar, J. Making a choice with sexed semen. *Farm and Dairy*, June 22, 2006 (accessed October 21, 2009). <http://www.farmanddairy.com/news/making-a-choice-with-sexed-semen/468.html>

Figure I.: Herd Sexed Semen vs. Traditional

Herd Selected	Totals-Gender	# Bred	# Pregnant	% Pregnant
Herd 1		39	21	54
Herd 2		179	171	96
Herd 3		50	24	48
Herd 4		53	8	15
Herd 5		11	7	64
Herd 6		36	20	56
Herd Total		368	251	68
Herd Totals-Traditional				
Herd 1		253	65	26
Herd 2		39	30	77
Herd 3		108	37	34
Herd 4		29	9	31
Herd 5		94	28	30
Herd 6		12	10	83
Herd Total		535	179	34

Changes: How Do You Manage Them?

Lane O Ely
Professor Emeritus
Animal and Dairy Science

Changes are continually occurring. Any system that is functioning will change. These changes will be viewed as positive or negative. Part of this view will be your perception and where you are coming from. "Change is good" is not necessarily a true evaluation but how one responds to change will be a key to management.

The last two years have seen extreme swings in milk prices. We have experienced record highs and record lows over the last 18 months. Along with milk prices, wide fluctuations have occurred with feeds and fuel prices.

When I got the January milk check for the UGA Teaching Dairy, I was happy to see the \$19.18 per/ cwt price we had received. After months of low prices it was good to see a competitive price. As I entered the price into the income spread sheet for the dairy, I looked to see when we had last received \$19.00/cwt. The last time was December 2008, over a year ago.

As I thought about getting that check, I remember being very disappointed with the \$19 price. I was disappointed because \$19.00 was a decrease from our prices. We had averaged almost \$23.00 per cwt for 2008 so the \$19.00 in December was a significant drop.

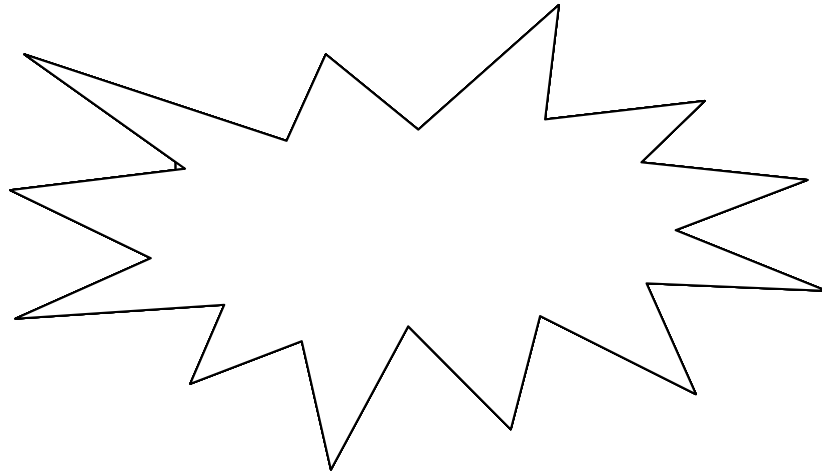
The \$19.00 price was the same but the changes getting to the \$19.00 were entirely different, eliciting very different responses. That got me to wondering about other aspects of the changes. I looked at several articles from 2007 to 2009. A theme of many of the articles was management and especially helpful hints to succeed. In 2007 and 2008 it was how to best manage with the good milk prices and in 2009 it was how to survive the low milk prices. Reading the articles would lead one to conclude that management was a changing process in response to the times.

Should we be changing our management with changing times? I contend that our management should stay consistent. Good decisions need to be made at all times. The only difference is in the results. In good times, there is less of a crisis mode in the decision making. In poor price times, a decision may be critical to survival, but that does not mean the decision making process is more critical.

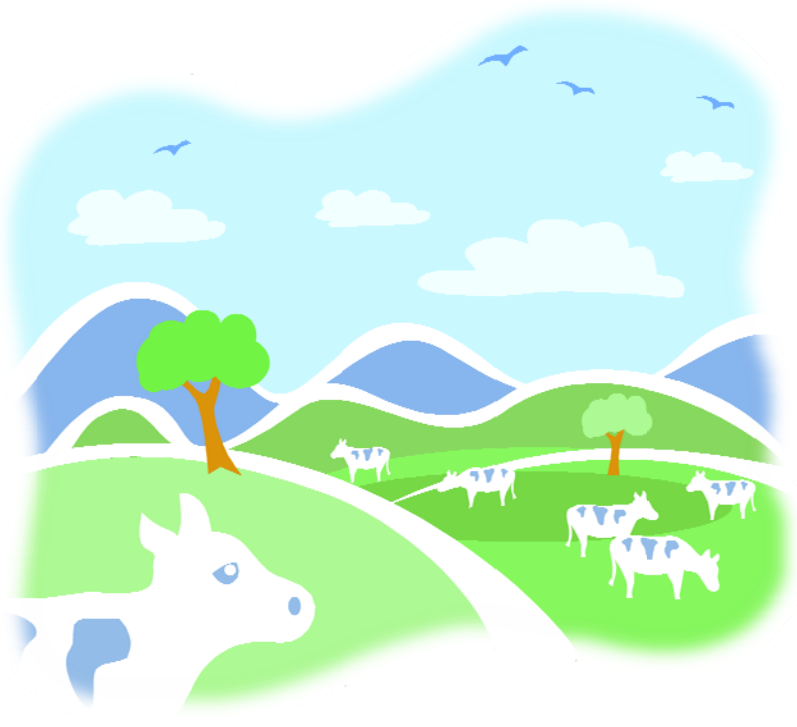
During college, one of the jobs I had was a forestry fieldman responsible for fire fighting and enforcement. The territory I covered went from the valley floor over the mountains to the valley on the other side. There was one paved road that went through the territory from one valley at 5,00 feet to the other valley over the mountain pass at 9,000 feet. It was a typical 2 lane mountain road with several switchbacks, steep climbs (uphill) or rapid descents (downhill) with sharp drop offs from the road to the valley below. Part of my job was to be the first responder to lightning strikes and fires. My supervisor said the first day I went on patrol that "I should be able to drive up the mountain as fast as I came down the mountain." In order to do this I would have to know the mountain road. Also I soon learned that I needed to use my gears going up to keep my speed up and going down I needed to use my gears to save my brakes. If I relied on my brakes they would rapidly overheat on the fire truck and I would be over the side. After a few weeks, I could go up or down in the same time.

Your management should be like going up and down the mountain during the rise and fall of prices. Your decisions will be different but your process should be the same in arriving at your decision. At \$20.00/cwt milk, a feed additive could be profitable but at \$12.00/cwt milk, it may be a negative. It should be evaluated the same.

Keep your management consistent and hopefully you will stay on the road.



- ❖ April 9th- Spring Dairy Show, Arena
- ❖ April 10th- State Dairy Judging , Arena
- ❖ April 16th- Southern Invitational Show, Perry, GA
- ❖ April 17th- Southern Invitational Sale, Perry, GA
- ❖ June 1st & 2nd- Animal Science in Action, Athens
(rising 11th & 12th graders)
- ❖ July 6th- 10th- Southeast Dairy Youth Retreat





2009 Georgia Cream of the Crop Dairy Production Awards

An Official DHIA yearly herd average of:

22,744 M. and/or 806 F for Holsteins

15,931 M. and/or 714 F for Others

Minimum Herd or Official String Size of Twenty-Five Cows

Minimum of 9 Tests per year

* Milked three times a day

Burke County			
Frank's Farm- Brown Swiss	117 Cows	17,613 M	689 F
Frank's Farm- Cross Breed	26 Cows	19,079 M	716 F
Clarke County			
Univ. of Georgia Dairy Farm- Holstein	115 Cows	22,337 M	849 F
Floyd County			
Berry College Dairy- Jerseys	38 Cows	14,154 M	753 F
Hart County			
Martin Dairy L.L.P.- Holstein	274 Cows	23,344 M	823 F
Jefferson County			
Vista Farm- Holstein	88 Cows	24,108 M	745 F
Jenkins County			
Colin & Niamh Matthews- Holstein	196 Cows	23,026 M	
Laurens County			
Agri- Fresh Dairy- Holstein	195 Cows	22,831 M	794 F
Macon County			
Irvin R. Yoder- Holstein	143 Cows	24,664 M	928 F
McDuffie County			
Rodgers' Hillcrest Farms, Inc.- Holstein	357 Cows	22,976 M	863 F
Mitchell County			
Dairy Production Systems- GA- Holsteins	3468 Cows	22,822 M*	792 F

Morgan County			
Curtis Strange- Cross Breed	327 Cows	16,534 M	663 F
Danny Bell- Holstein	236 Cows	21,335 M*	838 F
Danny Bell- Holstein	53 Cows	16,180 M	
Dave Clark- Holstein	925 Cows	26,063 M*	942 F
J. Everett Williams- Cross Breed	934 Cows	24,768 M*	969 F
Jimmy Sidwell- Cross Breed	202 Cows	16,866 M	637 F
Putnam County			
Deloach & Son Dairy, Inc. - Brown Swiss	40 Cows	17,213 M	687 F
Deloach & Son Dairy, Inc. - Cross Breed	179 Cows	17,036 M	622 F
Deloach & Son Dairy, Inc. - Cross Breed	410 Cows	20,893 M	828 F
Deloach & Son Dairy, Inc. - Cross Breed	150 Cows	22,890 M	823 F
Earnest R. Turk- Holstein			
Ray Ward Dairy- Holstein			
Screven County			
Krulic Dairy Farm, Inc.- Holstein	80 Cows	22,560 M	873 F
Krulic Dairy Farm, Inc.- Cross Breed	38 Cows	21,450 M	890 F
Taliaferro County			
Williams Dairy- Holstein	118 Cows	22,721 M	809 F
Tift County			
Coastal Plain Exp. Station- Holstein	245 Cows	22,572 M	983 F
White County			
Scott Glover- Holstein	84 Cows	23,350 M	913 F
Wilkes County			
D & T Dairy- Cross Breed	63 Cows	25,655 M	

Dairy Science Club's 13th Annual UGA Dairy Heifer Show A Success!

By Dr. Bill Graves, Matt London & Dr. Mark Froetschel

The 13th Annual UGA Dairy Heifer Show was held February 6, 2010 at the ADS Arena on South Milledge. The show is hosted by the Dairy Science Club. There were a total of 185 exhibited in this year's show. Our judges were Fowler Branstetter from Edmonton, KY and Tammie Styles-French from Newberry, SC.

The Junior Grand Showmanship Champion was Austin Byrd from Lee Co. Senior Grand Showmanship Champion was Merideth Franks from Burke Co.

Senior Weight Class Champion went to Tori Butcher from Coweta Co. Junior Grand Weight Class Champion went to Taylor Young from Houston Co.

This year's show was chair was Libby Carter. DSC President is Katie Williams.

Thanks go to show sponsors.

- *AgGeorgia Farm Credit
- * Eastside Ornamentals
- * Greendale Farm

- *AgSouth Farm Credit
- *Georgia Milk Producers, Inc.
- * Williams Dairy



Junior Grand Showmanship Champion was Austin Byrd from Lee Co. 4-H



Senior Grand Showmanship Champion was Merideth Franks from Burke Co. 4-H



Junior Grand Weight Class Champion went to Taylor Young from Houston Co. FFA



Senior Grand Weight Class Champion went to Tori Butcher from Coweta Co. 4-H with Judge Fowler Branstetter.

2010 Commercial Dairy Heifer Show

Warren Gilson, John Allen Bailey,
Ronnie Silcox and Bill Graves

The 2010 Georgia Commercial Dairy Heifer Show is now history. The show was again a success with 195 youth exhibiting 239 heifers. This project has been successful beyond all expectations.

The winners in this year's showmanship contest were as follows:

Class	Winner	County
4 th Grade	Rainey Smith	Oglethorpe 4-H
5 th Grade	Constance Johnson	Morgan 4-H
6 th Grade	Jasper Copelan	Putnam 4-H
7 th Grade	Austin Byrd	Lee County Middle School FFA
8 th Grad	Julia Scroggs	Summerville Middle School FFA
9 th Grade	Eileen Shone	Houston County FFA
10 th Grade	Lily Masa	Houston County FFA
11 th Grade	Michael Carpenter	Jones County FFA
12 th Grade	Kari Crandall	Putnam County FFA

Emilee Brinton was the Master 4-H Showman.

The winners of the weight classes were as follows:

Class	Winner	County
1	Carle Howell	Putnam County FFA
2	Brooke Helton	White County FFA
3	Elizabeth Mansour	Coweta County 4-H
4	Katie Scroggs	White County Middle School FFA
5	Travis Tankersley	Madison County Middle School FFA
6	Taylor Turner	Houston County FFA
7	Taylor Young	Houston County FFA
8	Heather Baggarly	Putnam County FFA
9	Taylor Macmackin	Houston County FFA
10	Jake Scroggs	White County FFA
11	Kasi Byrd	Houston County FFA
12	Donna Fullman	Houston County FFA
13	Rebecca Grantham	Houston County FFA
14	Morgan Sumners	Lee County 4-H
15	Nia Henderson	Houston County FFA
16	Brooke Helton	White County FFA
17	Ryan Powell	Houston County FFA
18	Jacob Wilson	Houston County FFA
19	Tori Butcher	Coweta County 4-H
20	Jasper Copelan	Putnam Couny 4-H

The Division winners were: Elizabeth Mansour, Division 1, Taylor Macmackin, Division 2, Donna Fullman, Division 3 and Tori Butcher, Division 4. Taylor Macmackin had the Grand Champion and Tori Butcher exhibited the Reserve Grand Champion.

We are extremely grateful to the following dairy producers for providing calves for our youth. It is through the support and generosity of these individuals that this program is successful. Thank you to this group both collectively and individually for their enthusiastic and continued support of this project.

Adam Yoder	John Benkoski, Jr.
Addis Dairy	John Daniels' Dairy
Bill Dodson	Kirk Butcher
Billy McAvoy	Lee and Cassie Whitaker
Carol and Everett Williams	Lindsey Woodrum
Carol and Frank Jackson	Mark Coody
Crow's Nest Farms	Marleta Farms
Danny Bell	Marty Smith
Dan Durham	Marvin Bell
Danny Copelan	Marvin Yoder
Dave Clark	Melvin Bell
Double R Dairy	Michael Lankford
Eatonton Dairy Farms, LLP	Mike Sumners
Elmer Truelove Dairy Inc	Neal Talton
Gabby Farms	Oak Hill Dairy
Harry Schaapman	Perfect Dairy
Health Greene	Petty Dairy
Indian Creek Farms	Phyllis Jones
James Yoder	Ray Moore, Jr.
Jarrett Dairy	Ray Ward
Jeff Smith Dairy	Russ Gilbert
Jeff Whooten	Stan Lawson
Jim Cabaniss	Stanley London
Joe Shenk	Williams Dairy

Financial support for this project is provided by the Georgia Department of Agriculture, the Georgia National Exposition Center and the Southeast Milk dairy cooperative. Thanks to them for their most generous contributions.

Top 20 DHIA By Test Day Milk Production- December 2009

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	12	449	87	83.2	3.7	2.58	27022	1004
Dave Clark	Morgan	H	12	946	88	83.1	3.6	2.51	26466	954
D & T Dairy	Wilkes	X	12	57	86	81.5			25920	
Rodgers' Hillcrest Farms Inc.	McDuffie	H	12	382	88	80.3	3.5	2.48	23878	888
Scott Glover	White	H	12	82	84	80.2	4.2	2.66	23813	951
R & D Dairy	Lee	H	12	119	86	79.8	3.5	2.25	22602	813
Phil Harvey #2	Putnam	H	12	678	89	76			22226	
Coastal Plain Exp Station	Tift	H	12	262	87	75.9	5.2	3.39	22946	1016
Agri-Fresh Dairy	Laurens	H	11	198	86	74.9	3.8	2.28	22454	789
Vista Farm	Jefferson	H	12	96	88	74.4	3.3	2.16	23770	725
Bill Dodson	Putnam	H	12	219	88	74.3	4.2	2.39	22334	787
Ray Ward Dairy	Putnam	H	11	148	86	73.3	3.8	2.33	22878	818
Southern Rose Holsteins	Lee	H	12	121	86	73.2	3.9	2.35	22255	787
Doug Chambers	Jones	H	12	353	88	72.6	3.6	2.07	22767	791
Dairy Production Systems- GA	Mitchell	H	12	3368	86	72.5	3.7	2.21	22935	794
Irvin R Yoder	Macon	H	11	162	87	72.5	3.7	2.15	23880	895
Univ. of GA Dairy Farm	Clarke	H	12	109	85	72.1	3.7	2.33	22869	863
J. Everett Williams	Morgan	X	12	11		71	4.1	2.92		
Krulic Dairy Farm, Inc.	Screven	X	11	126	89	70.3	3.9	2.47	22228	881
Rufus Yoder Jr.	Macon	H	12	149	86	70.3	3.2	1.86	22100	776

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- December 2009

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	H	12	262	87	75.9	5.2	3.39	22946	1016
J. Everett Williams	Morgan	X	12	11		71	4.1	2.92		
Scott Glover	White	H	12	82	84	80.2	4.2	2.66	23813	951
J. Everett Williams	Morgan	X	12	532	90	68.2	4.3	2.66	21865	912
J. Everett Williams	Morgan	X	12	449	87	83.2	3.7	2.58	27022	1004
Dave Clark	Morgan	H	12	946	88	83.1	3.6	2.51	26466	954
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	12	382	88	80.3	3.5	2.48	23878	888
Krulic Dairy Farm, Inc.	Screven	X	11	126	89	70.3	3.9	2.47	22228	881
Bill Dodson	Putnam	H	12	219	88	74.3	4.2	2.39	22334	787
Southern Rose Holstein	Lee	H	12	121	86	73.2	3.9	2.35	22255	787
Martin Dairy L.L.P.	Hart	H	12	266	89	68.4	3.9	2.35	23075	813
Earnest R Turk	Putnam	H	12	386	91	67.8	3.9	2.34	20491	804
Ray Ward Dairy	Putnam	H	11	148	86	73.3	3.8	2.33	22878	818
Univ. of GA Dairy Farm	Clarke	H	12	109	86	72.1	3.7	2.33	22869	863
Lee Whitaker	McDuffie	H	12	253	86	65.2	4.2	2.33	20882	731
Berry College Dairy	Floyd	J	12	32	80	51.3	5.3	2.3	14812	793
Agri- Fresh Dairy	Laurens	H	11	198	86	74.9	3.8	2.28	22454	789
Danny Bell	Morgan	H	12	231	88	65.6	4.3	2.27	21352	839
Godbee Farms	Jenkins	X	12	98	86	51.6	4.9	2.27	15471	685
R & D Dairy	Lee	H	12	119	86	79.8	3.5	2.25	22602	813

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- January 2010

Herd	County	Br.	Mo.	Cows	% Days in Milk	Test Day Average			Yearly Average	
						Milk	% Fat	TD Fat	Milk	Lbs. Fat
J. Everett Williams	Morgan	H	1	438	86	85	3.8	2.66	26919	989
D & T Dairy	Wilkes	H	1	60	87	84.5			26295	
Dave Clark	Morgan	H	1	932	88	82.3	3.7	2.61	26635	961
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	12	382	88	80.3	3.5	2.48	23878	888
Agri-Fresh Dairy	Laurens	H	1	198	85	80.2	3.6	2.3	22228	784
R & D Dairy	Lee	H	1	121	86	80.2	3.7	2.64	22764	819
Scott Glover	White	H	12	82	84	80.2	4.2	2.66	23813	951
Vista Farms	Jefferson	H	1	92	89	79.7	2.8	1.83	23724	718
Southern Rose Holsteins	Lee	H	1	120	86	79.3	3.7	2.56	22322	796
Ray Ward Dairy	Putnam	H	1	150	87	78.2	3.7	2.56	23034	821
Coastal Plain Exp. Station	Tift	H	1	258	87	77.2	4.5	3.08	23090	1029
Martin Dairy L.L.P.	Hart	H	1	267	89	77	3.8	2.68	23084	813
Phil Harvey #2	Putnam	H	12	678	89	76			22226	
Irvin R Yoder	Macon	H	12	169	87	74.7	3.7	2.29	23736	887
Troy Yoder	Macon	H	1	177	89	74.6	3.8	2.23	20782	749
Dairy Productions Systems- GA	Mitchell	H	1	3523	86	73.9	3.8	2.32	22914	798
Bill Dodson	Putnam	H	1	221	88	73.6	3.6	2.27	22256	788
Doug Chambers	Jones	H	12	353	88	72.6	3.6	2.07	22767	791
Gene Brown	Pierce	H	1	221	85	72.4			20439	
Rufus Yoder Jr.	Macon	H	1	150	86	72.2	3.2	1.89	22118	771

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- January 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	H	1	258	87	77.2	4.5	3.08	23090	1029
J. Everett Williams	Morgan	X	1	22		66.6	4.2	2.77		
J. Everett Williams	Morgan	X	1	538	90	67.4	4.4	2.75	21894	914
Martin Dairy L.L.P.	Hart	H	1	267	89	77	3.8	2.68	23084	813
Krulic Dairy Farm, Inc.	Screven	H	12	46	87	68.5	4.2	2.67	21318	880
J. Everett Williams	Morgan	H	1	438	86	85	3.8	2.66	26919	989
Scott Glover	White	H	12	82	84	80.2	4.2	2.66	23813	951
R & D Dairy	Lee	H	1	121	86	80.2	3.7	2.64	22764	819
Earnest R Turk	Putnam	H	1	380	91	71.8	3.9	2.62	20546	801
Dave Clark	Morgan	H	1	932	88	82.3	3.7	2.61	26635	961
Southern Rose Holsteins	Lee	H	1	120	86	79.3	3.7	2.56	22322	796
Ray Ward Dairy	Putnam	H	1	150	87	78.2	3.7	2.56	23034	821
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	12	382	88	80.3	3.5	2.48	23878	888
W.T. Meriwether	Morgan	H	1	115	85	66.2	4.2	2.47	19782	755
Krulic Dairy Farm, Inc.	Screven	H	12	80	89	69.4	3.9	2.45	22679	882
Twin Oaks Farm	Jefferson	H	1	86	90	71.3	3.9	2.43	20178	758
Danny Bell	Morgan	H	1	240	88	67.8	4.3	2.38	21114	833
Curtis Strange	Morgan	X	1	61		60.2	4.3	2.36		
Dairy Production Systems-GA	Mitchell	H	1	3523	86	73.9	3.8	2.32	22914	798
Agri- Fresh Dairy	Laurens	H	1	198	85	80.2	3.6	2.3	22228	784

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- February 2010

Herd	County	Br.	Mo.	Cows	% Days in Milk	Test Day Average			Yearly Average	
						Milk	% Fat	TD Fat	Milk	Lbs. Fat
D & T Dairy	Wilkes	H	2	58	87	86.9			26303	
J. Everett Williams	Morgan	H	2	428	86	85.9	3.7	2.65	26801	981
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	1	387	89	85.2	3.7	2.97	24342	893
Dave Clark	Morgan	H	2	938	88	83.1	3.6	2.58	26645	962
Scott Glover	White	H	2	82	85	82.1	4.1	3.07	23928	950
Rufus Yoder Jr.	Macon	H	2	146	86	81.3	3	2.12	22122	763
Agri- Fresh Dairy	Laurens	H	2	205	84	81.3	3.3	2.28	22191	782
Coastal Plain Exp Station	Tift	H	2	254	87	79.8	4.8	3.56	23351	1050
Bill Dodson	Putnam	H	2	221	87	79.4	3.7	2.58	22175	786
Southern Rose Holsteins	Lee	H	1	120	86	79.3	3.7	2.56	22322	796
R & D Dairy	Lee	H	2	118	87	79.3	3.7	2.71	22933	829
Ray Ward Dairy	Putnam	H	1	150	87	78.2	3.7	2.56	23034	821
Kent Walker	Greene	H	2	111	87	77.6	3.5	2.45	20741	733
Troy Yoder	Macon	H	2	177	88	77	3.8	2.39	20753	751
Irvin R Yoder	Macon	H	1	168	87	76.2	3.5	2.35	23564	876
Phil Harvey #2	Putnam	H	2	658	89	75.8			22854	
Doug Chambers	Jones	H	1	345	88	75.3	3.6	2.25	22803	795
Vista Farm	Jefferson	H	2	93	88	74.9	3.1	2.11	23428	702
Dairy Production Systems-GA	Mitchell	H	2	3505	86	74	3.7	2.4	22865	802
David Addis	Whitfield	H	2	69	69	73.8	3.2	1.68	15121	522

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- February 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	H	2	254	87	79.8	4.8	3.56	23351	1050
Scott Glover	White	H	2	82	85	82.1	4.1	3.07	23928	950
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	1	387	89	85.2	3.7	2.97	24342	893
J. Everett Williams	Morgan	X	2	23		68.8	4.3	2.94		
R & D Dairy	Lee	H	2	118	87	79.3	3.7	2.71	22933	829
J. Everett Williams	Morgan	X	2	540	90	68.5	4.3	2.7	21891	916
J. Everett Williams	Morgan	H	2	428	86	85.9	3.7	2.65	26801	981
Earnest R. Turk	Putnam	H	2	369	91	71.5	3.8	2.65	20669	800
Bill Dodson	Putnam	H	2	221	87	79.4	3.7	2.58	22175	786
Dave Clark	Morgan	H	2	938	88	83.1	3.6	2.58	26645	962
Ray Ward Dairy	Putnam	H	1	150	87	78.2	3.7	2.56	23034	821
Southern Rose Holsteins	Lee	H	1	120	86	79.3	3.7	2.56	22322	796
Krulic Dairy Farm, Inc.	Screven	H		126	89	69.1	4	2.53	22263	881
A & J Dairy	Wilkes	H	2	325	85	67.6	4	2.47	19739	747
Kent Walker	Greene	H	2	111	87	77.6	3.5	2.45	20741	733
Twin Oaks Farms	Jefferson	H	1	86	90	71.3	3.9	2.43	20178	758
Lee Whitaker	McDuffie	H	2	244	86	68.4	4	2.43	20700	733
Williams Dairy	Taliaferro	H	1	128	90	68.6	3.9	2.41	22704	817
Dairy Production Systems-GA	Mitchell	H	2	3505	86	74	3.7	2.4	22865	802
Troy Yoder	Macon	H	2	177	88	77	3.8	2.39	20753	751

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- January 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>
Scott Glover	White	H	12	82	23813	1.9	95
Bill Dodson	Putnam	H	1	221	22256	2	198
Dave Clark	Morgan	H	1	932	26635	2.2	139
Irvin R. Yoder	Macon	H	12	169	23736	2.3	149
J. Everett Williams	Morgan	X	1	998	24652	2.3	204
W.T. Meriwether	Morgan	H	1	115	19782	2.4	218
David Addis	Whitfield	H	12	69	14784	2.4	153
Danny Bell	Morgan	H	1	240	21114	2.5	213
Eugene King	Macon	H	1	136	19306	2.7	275
Russ Gilbert	Morgan	H	1	155	17055	2.7	232
Larry Nisley	Macon	H	1	134		2.8	242
Mark E. Yoder	Macon	H	1	120	19024	2.8	419
Dan Durham	Greene	X	1	124	16240	2.9	149
Charles Copelan	Greene	X	1	72	16634	3	224
Mark E. Brenneman	Macon	H	1	128	20646	3	321
Troy Yoder	Macon	H	1	177	20782	3	318
Donald Newberry	Bibb	H	1	167	14935	3.1	221
Mike Moorhead	Hart	H	1	121	10820	3.1	245
Bruce Harper	Morgan	H	1	160	16209	3.1	283
Green Glades Farms, Inc.	Putnam	H	1	284	18361	3.1	342

Top 20 Lows Herds for SCC Score- February 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>
David Addis	Whitfield	H	2	69	15121	1.6	122
W.T. Meriwether	Morgan	H	2	115	19630	1.8	166
Dave Clark	Morgan	H	2	938	26645	1.9	100
Irvin R. Yoder	Macon	H	1	168	23564	2.2	135
J. Everett Williams	Morgan	X	2	991	24509	2.2	204
Phil Harvey #2	Putnam	H	2	658	22854	2.2	188
R & D Dairy	Lee	H	2	118	22933	2.4	198
Scott Glover	White	H	2	82	23928	2.4	188
Lee Whitaker	McDuffie	H	2	244	20700	2.5	177
Danny Bell	Morgan	H	2	256	21064	2.5	216
Dan Durham	Greene	X	1	121	15783	2.6	178
Donald Newberry	Bibb	H	2	161	14767	2.7	228
Vista Farm	Jefferson	H	2	93	23428	2.7	223
Rodgers' Hillcrest Farms, Inc.	McDuffie	H	1	387	24342	2.7	266
Brenneman Farms	Macon	H	2	107	16551	2.7	364
Dairy Production Systems-GA	Mitchell	H	2	3505	22865	2.7	192
Russ Gilbert	Morgan	H	2	161	17360	2.7	203
Horst Crest Farms	Burke	H	1	136	19886	2.8	235
Eugene King	Macon	H	2	134	19177	2.8	291
Richard Hardie	Putnam	H	2	176	21150	2.8	302
Robert S. Weir	Seminole	H	2	113	17744	2.8	240
Coastal Plain Exp. Station	Tift	H	2	261	23284	2.8	252
Walnut Branch Farm	Washington	H	2	62		2.8	177

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