



GEORGIA DAIRYFAX

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

JANUARY FEBRUARY MARCH 2013

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

Are Bottlenecks Limiting Your Income?

By: John K. Bernard

Dairy Research and Extension

Several years ago a group from Spain examined the association of nondietary factors and herd performance. There were 47 herds included in the study that fed the same TMR to their herd provided by their cooperative. Genetics of the cattle were similar, but management of the herds differed. Overall milk yield averaged 64.6 lb/d, but there was a difference of 29.1 lb/d among herds. Dry matter intake ranged from 35.7 to 54.7 lb/d. A number of management factors were evaluated and the researchers observed that increased age at calving decreased milk yield, but milk yield was higher for herds that fed to insure feed refusals, pushed up feed more during the day, and maintained free stalls. This study is a good example of how management practices influence milk production.

Kansas State University has monitored economic and production records of several dairies since 1989. The two primary factors that affected profit and cost of production were milk yield and feed cost. So anything that limits optimum milk yield within a system is most like limiting profitability and increasing production cost per hundred weight.

Most dairies have bottlenecks that are limiting performance: milk yield, milk quality, growth of replacement heifers, forage quality, etc. Often these bottlenecks can be eliminated or minimized with minimal capital investment by changes in management and employee training to follow protocols. The study outlined above emphasizes the importance of feed management. Since feed represents that primary cost of producing milk, improvements in forage quality, reduced spoilage and shrinkage of feed (purchased and raised), more consistent mixing of TMR, and improved feed bunk management can positively impact milk yield and improve profitability. With higher corn and soybean prices, the importance of harvesting and preserving high quality forage is greater today than ever before. Also, any bottlenecks related to the feeding management may be limiting or preventing the response from specialty ingredients or additives included in the diet to improve performance.

Improving cow comfort has positive effects on performance and health. Which there are some situations that may require capital investment to replace older facilities; most producers can focus on improved maintenance of free stalls and cooling systems (fans and sprinklers or misters). For example now is the time to be replacing fans that quit working last year and getting the sprinkler or mister system ready to run. Researchers from Arizona State University using high producing cows reported that heat stress begins at a THI of 68 rather than 72. If the cooling systems are not ready to run when heat stress starts, milk yield will be negatively affected. Given how warm it has been this year, there is a greater likelihood that heat stress will start earlier than normal than later.

The positive effect of following an established milking protocol and routine equipment maintenance on milk quality is another area to evaluate. Most cooperatives offer premiums for low bacteria counts (SPC and PI) and reduced SCC which can add several dollars in income each month. Research also shows higher milk yields when SCC is reduced. With cull cow prices as they are today, producers should cull chronic cows and replace with good heifers.

Low stress cattle handling is another area that is receiving renewed attention today. Understanding how animals react to us and using the proper methods can reduce stress (both for the animal and worker) which can help in milk letdown, reduce injury from cows falling as they try to get away on concrete, and make work more enjoyable for everyone.

Most dairies have bottlenecks that limit production. The key is to identify the bottlenecks and correct them. This does not require large investments in new facilities or equipment in most cases, just doing things better and timelier. Most of know where some of the bottlenecks are, but getting someone who is not involved with the day-to-day work of the dairy will see things we overlook each day and can provide useful suggestions to consider. If you are able to correct one or two of the bottlenecks that is limiting production the most, it can make a positive impact.

Depositing Semen Correctly in the Cow

By: W.M. Graves

Dairy Extension and Teaching

With summer heat stress not too far away and many looking at gender selected semen, now is a good time to review correct semen placement at AI. After loading the gun, clean the region of the vulva to prevent contaminating the vagina and uterus. If you are not completely sure the animal is in heat, pick up the cervix and uterus and see if you get a clear mucous discharge from the vulva. If the mucus is present, it is a good sign that she is in heat. It tells you estrogen is present, so you hope there is a big follicle ready to ovulate! Insert the gun into the cow upward at a 30-degree angle to avoid entering the bladder. Remember that inseminating any cow does not require much force or pressure. Do not force the gun. Try to move the cervix around and bring it to and around the gun. Take your time, relax and concentrate on technique. If the cervix is over the rim of the pelvis, pull it back toward you and guide the cervix to the gun. If the gun is getting caught in folds of the vagina, try stretching the cervix away from you to free the gun and allow easier passage to the cervix.

Deposit semen in the body of the uterus. This area is less than 1 inch long and is about the size of a dime. It is located immediately in front of the cervix. A common mistake is to deposit the semen several inches into the right uterine horn. Feel the end of the gun with your finger when you are just outside the cervix. Be sure the gun is passing through the cervix and that you are not just stretching the vagina. When the tip of the insemination gun passes through the front ring of the cervix, it is in the uterine body. Check the location by placing your index finger in front of the cervix. You should just be able to feel the tip of the gun. After you feel the tip of the gun, lift your index finger and slowly deposit the semen over a five-second period. Count seconds as you deposit the semen slowing in the animal. Be sure that your fingers are not misdirecting the flow of semen or blocking a uterine horn. Reposition the gun each time the animal moves. If the cervical mucus of a previously bred cow feels thick and sticky, the cow may be pregnant. On repeat services, it is best to deposit the semen just past the halfway point of the cervix. Be careful because you can inadvertently cause abortion.

Certain problems can occur. If you find blood on your glove, be gentler. Concentrate on placement. Practice proper sanitation procedures. While some cows are more difficult to inseminate, be patient and don't give up. Years ago, researchers at the Pennsylvania State University developed radiography techniques to clearly evaluate insemination accuracy. These techniques overcame some of the limitations of the earlier dye techniques used to evaluate placement. A study was reported in which 20 professional technicians and 20 owner-inseminators were evaluated using the radiography technique. Each person inseminated a total of 20 reproductive tracts. Radiographs were taken to assess inseminating gun placement. The data showed that only 39 percent of the gun tip placements were in the uterine body. A total of 25 percent of the gun tip placements were in the cervix. Twenty-three percent were in the right uterine horn, and 13 percent were in the left uterine horn. Sixty percent of the semen was distributed either in the cervix or disproportionately in one uterine horn. Only 40 percent of the semen was located in the uterine body or equally distributed in both uterine horns. The normal ratio of ovulation or release of eggs is approximately 40 percent from the left ovary and 60 percent from the right ovary. Because migration of embryos is rare, the pregnancy ratio should be the same: 40 percent left uterine horn and 60 percent right uterine horn. This is an easy way to have your palpator to check on the job you are doing with correct semen placement. Data on 100 or more pregnancies are required for a proper evaluation. Practice good semen handling techniques. Use chilled tweezers that are as long as possible and no fingers. Fill tanks before you do a large number of breeding. Have one person thawing and loading, while another inseminates.

You may improve your herd's conception rate. Retraining may be necessary to master the expertise required for proper gun tip placement and insemination. Your cows can't make up for your mistakes in improper semen handling and placement. If using gender selected semen and/or 1/4cc straws, you have more reason to be more precise.

Considerations for Harvesting Winter Annual Forages

By: John K. Bernard

Dairy Research and Extension

Winter annuals can provide very high quality forage for feeding dairy cattle. While there are differences among cereal grains and ryegrass, the biggest factor influencing quality is stage of maturity at harvest. Researchers at North Carolina State University compared the DM yield and quality of four cereal grains to examine the effects of harvest time on yield and quality. Like all forages, there are trade-off between DM yield and digestibility as illustrated in the figure below. As the forage matures, DM yield increases but DM digestibility decreases primarily because of increasing lignin concentrations. The decline in DM digestibility is more rapid for rye compared with that observed for oats and wheat. Rye should be harvested in the boot stage whereas oats and wheat should be harvested no later than heading. Protein concentrations follow a similar pattern. While these researchers did not test ryegrass or triticale, ryegrass should be harvested in early boot to boot stage of maturity and triticale should be harvested before reaching boot stage of maturity to optimize quality.

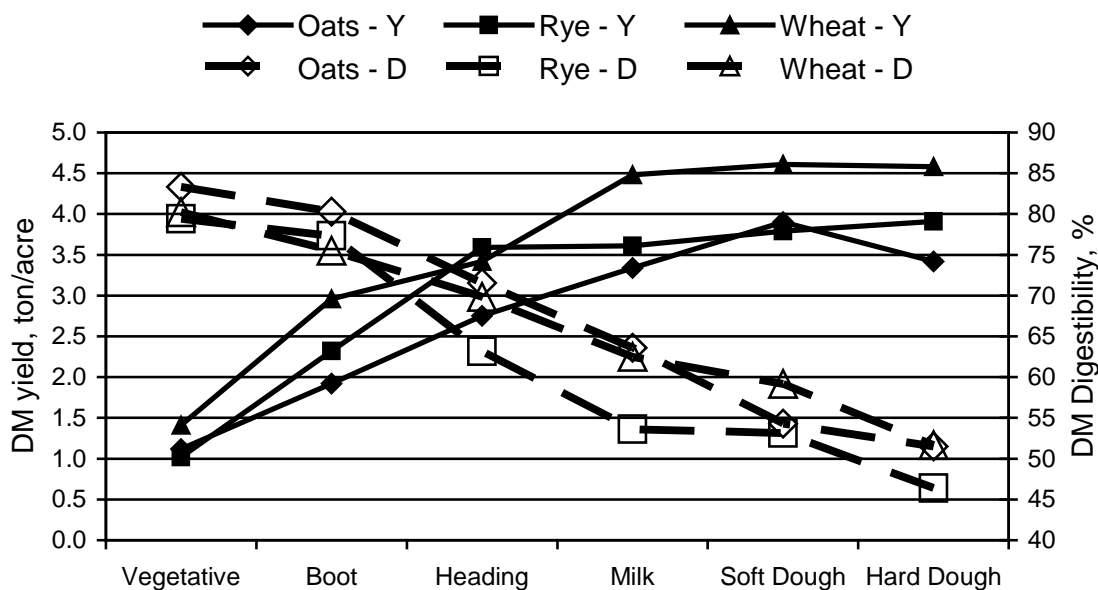


Figure 1. Change in DM yield (Y) and digestibility (D) with stage of maturity for cereal grains. Adapted from Edminsten. 1985. NCSU Masters Thesis.

Harvesting winter annual forages can be challenging with spring showers and cooler temperatures. Harvesting winter annuals as hay often results in lower quality forage because weather conditions delay harvest resulting in more mature forage. Most producers harvest as either silage or baleage. Wilting these forages to 40 to 55% DM does improve fermentation and intake. Harvesting at higher moisture concentrations can result in higher concentrations of butyric acid and elevated concentrations of amides and amines from protein degradation. These compounds can reduce intake of the resulting forage. This forage may have a very dark appearance and can have a slimy feel. Silage should be chopped fine enough and have enough moisture to be packed tightly and covered with plastic as soon as possible. Baleage should be wrapped with a minimum of 6 or 8 wraps to keep oxygen out.

An inoculant should be applied at harvest to help speed fermentation as well as prevent secondary fermentation and spoilage when it is opened. Ideally this is applied at the chopper or baler. There are several inoculants available for use on grass or grass-legume crops. While cheaper products are available, the key is to get one that has data to show that it works since not all bacteria with a common name work effectively.

Winter annuals can be harvested to provide very high quality forage that can be used to in diets for high producing dairy cows.

2013 Commercial Heifer Show A Success!

By: Dr. Bill Graves and Dr. Ronnie Silcox

A total of 267 heifers participated in the State Commercial Dairy Heifer Show in Perry last month. The following is a list of winners.

Showmanship Divisions:

Class 1 - 4th & Under

		County
1	Trent	Maddox Jasper
2	William	Sell Screven

Class 2 - 5th Grade

1	Chase	West Madison
2	Sarah	Tinsley Burke

Class 3 - 6th Grade

1	Lawton	Harris Jasper
2	Grace	Thomas Houston Co.

Class 4 - 7th Grade

1	Mark	Smith Madison Co. Middle
2	Rainey	Smith Oglethorpe

Class 5 - 8th Grade

1	Preston	Skinner White Co. Middle
2	Haley	Pulsifer Perry Middle

Class 6 - 9th Grade

1	Kesley	Kohl Putnam Co.
2	Brighton	Rumell Houston Co.

Class 7 - 10th Grade

1	Zack	Fleeman Elbert Co.
2	Monica	Schaapman Wilcox

Class 8 - 11th Grade

1	Jacie	Babb Houston Co.
2	Ruben	Schaapman Wilcox

Class 9 - 12th Grade

1	Brooke	Helton	White Co. High
2	Trinity	Fussell	Houston Co.

Weight Divisions:

CLASS 1

1	Kelsey	Walshe	Oconee Co.
2	Keylie	Walden	Chattooga
3	Luke	Butler	Elbert Co.

CLASS 2

1	Meghan	Mitchell	Oconee Co.
2	Brooke	Helton	White Co. High
3	Jacob	Bass	Elbert

CLASS 3

1	Jennifer	Brinton	Coweta
3	Bradyn	Elsberry	Chattooga Co.
2	Michaela	Armour	White Co. Middle

CLASS 4

1	Catlyn	Johnson	Morgan
2	Hannah	Elder	Malcom Bridge Middle
3	Owen	Smith	Hart Co. Middle

CLASS 5

1	Monica Mary	Schaapman	Wilcox
2	Anna	Pearson	Dawson Co.
3	Morgan	McKinney	Burke

DIVISION 1 CHAMPION:

DC	Jennifer	Brinton	Coweta
DR	Catlyn	Johnson	Morgan

CLASS 6

1	Cassidy	Byess	Dawson Co.
2	Jana	Everett	Macon
3	Michaela	Pollex	Burke

CLASS 7

1	Callie	Cook	Houston Co.
2	Kylee	Snay	Houston Co.
3	Taylor	Daniel	Putnam Co.

CLASS 8

1	Kesley	Kohl	Putnam Co.
2	Morgan	Patterson	Jasper
3	Tori	Martin	Burke

CLASS 9

1	Lawton	Harris	Jasper
2	Trent	Maddox	Jasper
3	Joey	Little	Houston Co.

CLASS 10

1	Mark	Smith	Madison Co. Middle
2	Kelly	Childers	Wilcox
3	Kaitlyn	Hutchins	Chattooga

DIVISION 2 CHAMPION:

DC	Lawton	Harris	Jasper
DR	Trent	Maddox	Jasper

CLASS 11

1	Grace	Thomas	Houston Co.
2	Christian	Leftwich	Putnam Co.
3	Noah	Mallard	Burke Middle

CLASS 12

1	Skyler	Alexander	Houston Co.
2	J.R.	Huff	Putnam Co.
3	Bailey	Sims	Putnam Co.

CLASS 13

1	Chase	West	Madison
2	Kelvin	Moore	Houston Co.
3	Preston	Skinner	White Co. Middle

CLASS 14

1	Shelby	Smith	Madison Co.
2	Haley	Pulsifer	Perry Middle
3	Chelsea	Price	Chattooga Co.

CLASS 15

1	Haley	Shultz	Houston Co.
2	Lindsay	Wade	White Co. High
3	Makayla	West	Madison Co. Middle

DIVISION 3 CHAMPION:

DC	Grace	Thomas	Houston Co.
DR	Skyler	Alexander	Houston Co.

CLASS 16

1	Tanner	Scott	Houston Co.
2	Jacob	Bass	Elbert
3	Luc	Boulet	Coweta

CLASS 17

1	Monica	Schaapman	Wilcox
2	Brooke	Helton	White Co. High
3	Trinity	Fussell	Houston Co.

CLASS 18

1	Ruben	Schaapman	Wilcox
2	Elizabeth	Mansour	Coweta
3	Peyton	Johnson	Putnam Co.

CLASS 19

1	Brooke	Helton	White Co. High
2	Ruben	Schaapman	Wilcox
3	Lindsay	Wade	White Co. High

CLASS 20

1	Kesley	Kohl	Putnam Co.
2	Luc	Boulet	Coweta
3	Shayna	Spivey	Houston Co.

DIVISION 4 CHAMPION:

DC	Kesley	Kohl	Putnam Co.
DR	Luc	Boulet	Coweta

GRAND CHAMPION:

Lawton	Harris	Jasper
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RESERVE CHAMPION:

Trent	Maddox	Jasper
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3RD OVERALL:

Kesley	Kohl	Putnam Co.
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4TH OVERALL:

Grace	Thomas	Houston Co.
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5TH OVERALL:

Jennifer	Brinton	Coweta
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Our thanks go out to the Southeast Milk Dairy Check Off Fund, Georgia Dairy Youth Foundation, and Georgia National Fair for their support. Also, a special thanks to all the producers that donated heifers to use.

Important Upcoming Dates

Spring Dairy Show
UGA ADS Arena on South Milledge Ave Athens, GA
April 5th, 2013 9am

UGA ADS Arena Athens State 4H Dairy Judging Contest
UGA ADS Arena on South Milledge Ave Athens, GA
April 5th, 2013 4pm

Animal Science In Action
UGA Campus Athens, GA
June 3rd and 4th

Southeast Dairy Youth Retreat
Valdosta, GA
June 16th – June 20th



50th Annual Spring Dairy *Youth* Show

Friday, April 5, 2013
UGA Livestock Instructional Arena
Athens, Georgia

BROWN SWISS, HOLSTEIN AND JERSEY BREEDS

Hosted by UGA Dept. Of Animal & Dairy Science & UGA Dairy Science Club

Sponsored by the Georgia Department of Agriculture

& Georgia Dairy Youth Foundation

Rules and Regulations:

1. This is a show for **REGISTERED** females of Holstein, Jersey and Brown Swiss breeds. If less than 15 animals are entered in a breed, the show may be canceled. Exhibitors must be a minimum of nine years old to participate, but not have reached their 21st birthday by January 1 in the year competing. Members who become 21 years during the current year will be allowed to compete until December 31st of the current year and not beyond that time. Animals must be owned (or appropriately leased) by exhibitor.
2. All animals being exhibited in any type of livestock show (local, county, area, district, or state) must have an official certificate of veterinary inspection (health certificate). Georgia cattle have no brucellosis test requirements. Georgia cattle have no tuberculosis test requirements. Out-of-state cattle must satisfy Georgia import requirements for tuberculosis and brucellosis. (Regulations are contingent on state of origin – call (404) 656-3667 for current regulations).
Health papers must accompany all cattle.
3. Each exhibitor must assume all risks in showing his or her animals. The sponsoring groups assume no responsibility in case of fire or accident.
4. Exhibitors must furnish feed, water tubs and feed boxes. No straw allowed in the barn.
5. An entry fee of \$10.00 per animal will be charged. **Make check payable to Georgia 4H Foundation** and include with entry form and mail to Dr. Bill Graves, 138 E Animal and Dairy Science Complex, 425 River Road, University of Georgia, Athens, Georgia 30602-2771. Telephone number (706) 542-9106. Entry fees refundable by notifying show committee before April 1, 2013. **Entries must be postmarked by March 22, 2013.**

6. At the discretion of the personnel in charge, all animals shall be made available to be used in judging contest that afternoon after show or forfeit all premiums, entry fees and awards.
7. The barns will be open for receiving cattle after 1 p.m., Wednesday, April 3rd. Cattle must be in the barn by 1 PM, Thursday, April 4th. Animals will be released at the conclusion of the judging contest after the show.
8. Exhibitors should provide official registration papers to show officials at entry by 1 p.m. Thursday, April 4th.
9. Judging will begin at 9:00 a.m. Friday, April 5th beginning with Promotional Showmanship Class (boys and girls ages 8 years and under). The Junior, Senior, and Collegiate Showmanship Class will be next, followed by the heifer classes. Cow classes will follow heifer classes. There may be a short break between heifers and cows.
10. All animals must be registered in the Herd Book of its Breed Association. Ownership must show on the registration certificate in the name of the Junior Exhibitor. All animals must be registered or leased in the Junior Exhibitor's name 60 days prior to date of show. Any lease documentation must be provided.
11. Each Exhibitor will be responsible for **cleaning** all manure; excess feed, trash, hay, hair and soiled bedding from the tie space and raking it into the center aisles after the judging contest. Failure to comply results in complete forfeit of all premiums and awards.
12. Exhibitors are required to show their own animals except that a substitute showman who meets the age requirements may be used in the case the owner, for some justifiable reason is unable to attend the show or has more than one animal in a class. Substitute showman must be approved by 5:00 p.m. on the day prior to the show. The possession and consumption of alcoholic beverages is prohibited at event where 4-H and FFA members are present.
13. Those youth and coaches judging in the contest after this show will not be allowed in the barn at any time prior to the contest. Those exhibitors showing animals are asked to leave the barn area immediately after the show, have no contact or communications with other exhibitors or anyone associated with this activity, and remain out of the barn until the judging contest begins. There are no exceptions.
14. All rules will be enforced and failure to comply will result in forfeiture of all premiums and awards.
15. Youth will be allowed to show up to 4 animals not bred by exhibitor per breed. Two animals may be shown in a class. Youth from Georgia and South Carolina may participate.

UGA Spring Dairy Show

UGA Livestock Arena - Athens, Georgia

Friday, April 5th, 2013

SHOWMANSHIP

- Promotional & Showmanship - Juniors 8 years and under
- Junior Showmanship - Junior Exhibitors (ages 9-13 years)
- Senior Showmanship - Junior Exhibitors (ages 14-19 years — not passed 19th birthday by January 1 of current year)
- Collegiate Showmanship - 19-21 (of current year)

CLASSES (Rotation Brown Swiss, Holstein, Jersey)

- 1. Winter Heifer Calves - Born December 1, 2012 to February 28, 2013
- 2. Fall Heifer Calves - Born September 1, 2012 to November 30, 2012
- 3. Summer Heifer Calves - Born June 1, 2012 to August 31, 2012
- 4. Spring Yearling Heifers - Born March 1, 2012 to May 31, 2012
- 5. Winter Yearling Heifers - Born December 1, 2011 to February 28, 2012
- 6. Fall Yearling Heifers - Born September 1, 2011 to November 30, 2011
- 7. JUNIOR CHAMPION
- 8. RESERVE JUNIOR CHAMPION
- 9. Two year old cows - Born September 1, 2010 to August 31, 2011
- 10. Three year old cows - Born September 1, 2009 to August 31, 2010
- 11. Four year old cows - Born September 1, 2008 to August 31, 2009
- 12. Aged cows - Born before September 1, 2007
- 13. SENIOR CHAMPION
- 14. RESERVE SENIOR CHAMPION
- 15. GRAND CHAMPION
- 16. RESERVE GRAND CHAMPION
- 17. SUPREME GRAND CHAMPION (Selected from the Grand Champion from each breed)

Class Premiums:

	1 st	2 nd	3 rd	4 th	5 th
Heifers	\$30.00	\$25.00	\$20.00	\$15.00	\$10.00
Cows	\$50.00	\$40.00	\$30.00	\$25.00	\$20.00

2012 Cream of the Crop Production Awards

Thirteen dairy producers were recognized at the annual Georgia Milk Producers meeting for their outstanding herd averages for the year ending in September, 2012. Herds or strings of 25 or more cows receiving the award met the following standards: 24,203M and/or 868 F. for Holsteins, 17,077 M and/or 782 F. for all other breeds, 19,193 M and/or 771 F. for crossbred herds. These standards were established by averaging the production for each group for the previous year and adding 20%. Herds are recognized if they met the standards for either milk or butterfat. The following herds were recognized:

BROOKS COUNTY - Whiddon, Johnny P., CEC			
Westbrook Dairy – Holstein	2420 Cows	25,590M*	
JEFFERSON COUNTY - Sapp, Pamela, CEC			
Cecil Dueck – Holstein	73 Cows	24,686M	856F
Vista Farm – Holstein	80 Cows	24,431M*	867F
JONES COUNTY - Sears, H. Frank, Jr., CEC			
Doug Chambers – Holstein	401 Cows	24,215M	877F
LAURENS COUNTY - J. Raymond Joyce, CEC			
R&D Dairy – Holstein	115 Cows	26,350M	958F
MCDUFFIE COUNTY - Smith, William P., CEC			
Rodgers' Hillcrest Farms, Inc. – Holstein	406 Cows	29,772M*	1055F
MORGAN COUNTY – Smith, Bobby, CEC			
Dave Clark – Holstein	995 Cows	26,028M*	1004F
Danny Bell – Holstein	299 Cows	22,555M*	904F
J. Everett Williams – Holstein	138 Cows	25,681M*	922F
J. Everett Williams – Crossbred	698 Cows	23,875M*	972 F
J. Everett Williams – Crossbred	461 Cows	21,952M*	898 F
PUTNAM COUNTY – Fielder, J. Keith, CEC			
Earnest R Turk – Holstein	420 Cows	23,461M	893 F
SCREVEN COUNTY - Hicks, Ray, CEC			
Krulic Dairy Farm – Crossbred	36 Cows	21,617M	659 F
TIFT COUNTY - Riner, Cliff M, CEC			
Coastal Plain Experiment Station – Holstein	259 Cows	26,691M*	999F
WHITE COUNTY – Forrest, Lyn			
Scott Glover – Holstein	66 Cows	23,117M	899F

***Milked three times a day**

The high herd for both milk and fat is given special recognition and this year's recipient was Rodgers' Hillcrest Farm with an average 29,772 pounds of milk and 1055 pounds of butterfat on 406 Holstein cows.

The standards for this year are as follows: Holstein Herds – 23,184 M and/or 819 F, Crossbred Herds - 18,312 M and/or 732 F, Other breeds – 15,400 M and/or 707 F

2012 Cream of the Crop Milk Quality Awards

This year 20 herds were recognized for their production of high quality milk as measured by a low Somatic Cell Count Score (SCCS) of 2.5 or less for the year ending in September 2012. The list of honorees is as follows:

FLOYD COUNTY – Mickler, Keith D., CEC		
Berry College Dairy – Jersey	36 Cows	2.1 SCC Avg. Score
GREENE COUNTY – Smith, Bobby, CEC		
Dan Durham – Crossbred	135 Cows	2.1 SCC Avg. Score
HART COUNTY – Rice, Charles D., CEC		
Al & Richard Kinder – Holstein	336 Cows	2.5 SCC Avg. Score
JONES COUNTY – Sears, H. Frank, Jr., CEC		
Doug Chambers – Holstein	401 Cows	2.1 SCC Avg. Score
LAURENS COUNTY – J. Raymond Joyce, CEC		
Central Georgia Holsteins – Holsteins	118 Cows	2.3 SCC Avg. Score
R&D Dairy – Holstein	115 Cows	2.4 SCC Avg. Score
MACON COUNTY – Jeremy Kichler, CEC		
Irvin R Yoder – Holstein	177 Cows	2.2 SCC Avg. Score
Eugene King – Holstein	123 Cows	2.3 SCC Avg. Score
MCDUFFIE COUNTY – William Smith, CEC		
Rodgers’ Hillcrest Farms, Inc. – Holstein	406 Cows	2.5 SCC Avg. Score
MORGAN COUNTY – Bobby Smith, CEC		
Dave Clark – Holstein	995 Cows	1.8 SCC Avg. Score
J. Everett Williams – Crossbred	1340 Cows	1.9 SCC Avg. Score
Danny Bell – Holstein	299 Cows	2.0 SCC Avg. Score
Thomas Bell – Holstein	96 Cows	2.5 SCC Avg. Score
PUTNAM COUNTY – Fielder, J. Keith, CEC		
Bill Dodson – Holstein	231 Cows	2.0 SCC Avg. Score
TALIAFERRO COUNTY -		
Stan Jackson – Holstein	71 Cows	2.0 SCC Avg. Score
TIFT COUNTY - Riner, Cliff M, CEC		
Coastal Plain Exp Station – Holstein	261 Cows	2.1 SCC Avg. Score
TROUP COUNTY – Garrett, Celeste, CEC		
Joel Keith – Holstein	142 Cows	2.3 SCC Avg. Score
WHITE COUNTY – Forrest, Lyn		
Scott Glover – Holstein	66 Cows	2.0 SCC Avg. Score
WHITFIELD COUNTY – Edwards, Kandi, CEC		
David Addis – Holstein	49 Cows	1.3 SCC Avg. Score
WILKES COUNTY – Frank Watson, CEC		
Marty Smith Dairy – Holstein	223 Cows	2.1 SCC Avg. Score

The herd with the lowest average SCCS is further recognized. This year the honor went to Davis Addis from Whitfield County with an average SCCS of 1.3 for the year on 49 Holstein cows.

Top GA DHIA By Test Day Milk Production - December 2012

Herd	County	Br.	Mo.	Cows	Test Day Average			Yearly Average		
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
D & T DAIRY	Wilkes	H	11	62	84	91.5	3.3	2.35	26958	
DAVE CLARK	Morgan	H	11	1006	87	86.7	3.8	2.83	26018	1011
R & D DAIRY	Laurens	H	12	112	89	82.5	3.7	2.67	26232	953
RODGERS' HILLCREST FARMS INC.	McDuffie	H	12	415	89	81.5	3.8	2.61	29341	1041
CECIL DUECK	Jefferson	H	12	79	91	80.6	3.4	2.47	24869	891
RAY WARD DAIRY	Putnam	H	12	149	87	80.6	3.8	2.66	23206	851
COASTAL PLAIN EXP STATION	Tift	H	12	261	89	80.2	3.6	2.52	26702	981
COLIN & NIAMH MATTHEWS	Jenkins	H	12	226	88	79.7			22930	
WILLIE JONES JR DAIRY	Putnam	H	12	230	88	78.7			22341	
DOUG CHAMBERS	Jones	H	12	404	89	78.6	3.6	2.37	24526	886
VISTA FARM	Jefferson	H	12	101	90	78.5	3.7	2.85	24856	886
SCOTT GLOVER	White	H	11	68	86	78.5	3.7	2.39	22820	883
PHIL HARVEY #2	Putnam	H	11	861	89	78.2	4	2.64	25457	923
WESTBROOK DAIRY	Brooks	H	12	2386	90	78.1			25711	
TROY YODER	Macon	H	12	173	89	76.9	4.3	3.03	23051	854
LARRY NISLEY	Macon	H	12	172	86	75.7	3.8	2.31	21767	811
EARNEST R TURK	Putnam	H	12	404	93	75	4	2.68	23494	893
BROOKSCO DAIRY	Brooks	H	12	2575	92	74.6			23968	
MARTY SMITH DAIRY	Wilkes	H	11	254	88	74.6	3.7	2.07	22795	827
B&S DAIRY	Wilcox	H	12	714	85	74.2	3.5	2.31	22517	739

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Top GA DHIA By Test Day Fat Production - December 2012

Herd	County	Br.	Mo.	Cows	Test Day Average				Yearly Average	
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
TROY YODER	Macon	H	12	173	89	76.9	4.3	3.03	23051	854
UNIV OF GA DAIRY FARM	Clarke	H	11	99	84	71.7	4.2	2.96	20169	818
VISTA FARM	Jefferson	H	12	101	90	78.5	3.7	2.85	24856	886
DAVE CLARK	Morgan	H	11	1006	87	86.7	3.8	2.83	26018	1011
EARNEST R TURK	Putnam	H	12	404	93	75	4	2.68	23494	893
R & D DAIRY	Laurens	H	12	112	89	82.5	3.7	2.67	26232	953
RAY WARD DAIRY	Putnam	H	12	149	87	80.6	3.8	2.66	23206	851
PHIL HARVEY #2	Putnam	H	11	861	89	78.2	4	2.64	25457	923
RODGERS' HILLCREST FARMS INC.	McDuffie	H	12	415	89	81.5	3.8	2.61	29341	1041
J.EVERETT WILLIAMS	Morgan	X	12	1392	87	70.2	4.1	2.57	23245	950
COASTAL PLAIN EXP STATION	Tift	H	12	261	89	80.2	3.6	2.52	26702	981
CECIL DUECK	Jefferson	H	12	79	91	80.6	3.4	2.47	24869	891
DANNY BELL	Morgan	H	11	269	89	67.3	4.4	2.47	22949	915
SCOTT GLOVER	White	H	11	68	86	78.5	3.7	2.39	22820	883
DOUG CHAMBERS	Jones	H	12	404	89	78.6	3.6	2.37	24526	886
D & T DAIRY	Wilkes	H	11	62	84	91.5	3.3	2.35	26958	
LARRY NISLEY	Macon	H	12	172	86	75.7	3.8	2.31	21767	811
B&S DAIRY	Wilcox	H	12	714	85	74.2	3.5	2.31	22517	739
BILL DODSON	Putnam	H	12	250	89	73.7	3.8	2.26	22835	798
AMERICAN DAIRYCO-GEORGIA,LLC.	Mitchell	H	12	3985	87	72.6	3.8	2.26	22942	830

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Top GA DHIA By Test Day Milk Production - January 2013

Herd	County	Br.	Mo.	Cows	Test Day Average				Yearly Average	
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
D & T DAIRY	Wilkes	H	1	62	85	95	3.4	2.62	27241	
DAVE CLARK	Morgan	H	1	994	87	86.6	3.9	2.84	25992	1008
RODGERS' HILLCREST FARMS INC.	Lumpkin/McDuffie	H	1	420	89	86.4	4.2	3.14	29088	1042
R & D DAIRY	Laurens	H	1	102	89	84.6	3.7	2.74	26151	950
COASTAL PLAIN EXP STATION	Tift	H	1	272	89	84	3.3	2.35	26579	964
RAY WARD DAIRY	Putnam	H	1	147	88	83.7	4	3.06	23404	860
SCOTT GLOVER	Wheeler/White	H	1	67	85	83.3	3.7	2.51	22974	870
MARTY SMITH DAIRY	Wilkes	H	1	257	87	81.9	3.5	2.3	22811	824
VISTA FARM	Jeff Davis/Jefferson	H	1	104	91	81.3	3.6	2.66	24918	889
TROY YODER	McIntosh/Macon	H	1	171	89	79.9	4	2.9	23328	875
OVERHOLT FARMS	McIntosh/Macon	H	1	10	84	79.8	3.5	2.8	20669	741
COLIN & NIAMH MATTHEWS	Jenkins	H	12	226	88	79.7			22930	
CECIL DUECK	Jeff Davis/Jefferson	H	1	79	90	79.2	3.7	2.75	24745	890
PHIL HARVEY #2	Putnam	H	1	893	89	79.1	3.7	2.61	25248	918
WESTBROOK DAIRY	Brooks	H	1	2449	90	78.9			25685	
DOUG CHAMBERS	Jones	H	12	404	89	78.6	3.6	2.37	24526	886
J.EVERETT WILLIAMS	Morgan	X	1	684	86	77.8	4.2	2.85	23448	971
BILL DODSON	Putnam	H	1	250	89	77.5	3.6	2.49	22968	804
WILLIE JONES JR DAIRY	Putnam	H	1	232	87	77.4			22320	
EARNEST R TURK	Putnam	H	1	418	93	77	3.8	2.73	23487	891
BROOKSCO DAIRY	Brooks	H	1	2569	92	76.4			24033	

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Top GA DHIA By Test Day Fat Production - January 2013

Herd	County	Br.	Mo.	Cows	Test Day Average				Yearly Average	
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
RODGERS' HILLCREST FARMS INC.	Lumpkin/McDuffie	H	1	420	89	86.4	4.2	3.14	29088	1042
RAY WARD DAIRY	Putnam	H	1	147	88	83.7	4	3.06	23404	860
TROY YODER	McIntosh/Macon	H	1	171	89	79.9	4	2.9	23328	875
J.EVERETT WILLIAMS	Morgan	X	1	684	86	77.8	4.2	2.85	23448	971
DAVE CLARK	Morgan	H	1	994	87	86.6	3.9	2.84	25992	1008
J.EVERETT WILLIAMS	Morgan	X	1	25	94	67.7	4.2	2.8	21546	885
CECIL DUECK	Jeff Davis/Jefferson	H	1	79	90	79.2	3.7	2.75	24745	890
R & D DAIRY	Laurens	H	1	102	89	84.6	3.7	2.74	26151	950
EARNEST R TURK	Putnam	H	1	418	93	77	3.8	2.73	23487	891
J.EVERETT WILLIAMS	Morgan	X	1	549	90	68.7	4.2	2.73	21905	913
A & J DAIRY	Wilkes	H	1	296	87	74.9	4	2.69	21420	814
VISTA FARM	Jeff Davis/Jefferson	H	1	104	91	81.3	3.6	2.66	24918	889
J.EVERETT WILLIAMS	Morgan	X	1	44		63	4.2	2.66		
UNIV OF GA DAIRY FARM	Clarke	H	1	101	86	75.3	3.9	2.64	21015	845
MARTIN DAIRY L. L. P.	Hart/Heard	H	1	302	89	74.2	3.9	2.63	22455	833
D & T DAIRY	Wilkes	H	1	62	85	95	3.4	2.62	27241	
PHIL HARVEY #2	Putnam	H	1	893	89	79.1	3.7	2.61	25248	918
J.EVERETT WILLIAMS	Morgan	X	1	124	84	74.2	3.9	2.54	25483	932
W.T.MERIWETHER	Morgan	H	1	93	89	67.1	3.8	2.53	19366	713
DANNY BELL	Morgan	H	1	292	90	70.2	4.1	2.51	23211	924
SCOTT GLOVER	Wheeler/White	H	1	67	85	83.3	3.7	2.51	22974	870

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Top GA DHIA By Test Day Milk Production – February 2013

Herd	County	Br.	Mo.	Cows	Test Day Average				Yearly Average	
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
D & T DAIRY	Wilkes	H	1	62	85	95	3.4	2.62	27241	
RODGERS' HILLCREST FARMS INC.	Lumpkin/McDuffie	H	2	418	89	92	3.9	3.17	28833	1047
DAVE CLARK	Morgan	H	2	976	87	90.1	3.9	2.95	25968	1008
COLIN & NIAMH MATTHEWS	Jenkins	H	2	232	89	85.2			23477	
SCOTT GLOVER	Wheeler/White	H	2	65	84	83.8	3.5	2.56	23057	864
R & D DAIRY	Laurens	H	2	103	89	82.3	3.2	2.48	26083	943
RAY WARD DAIRY	Putnam	H	2	150	87	81.3	4	3.03	23433	865
COASTAL PLAIN EXP STATION	Tift	H	2	272	89	81	3.5	2.56	26486	949
RUFUS YODER JR	McIntosh/Macon	H	2	160	87	81	3.2	2.25	22218	797
TROY YODER	McIntosh/Macon	H	2	172	90	80.3	3.7	2.7	23713	895
WESTBROOK DAIRY	Brooks	H	2	2557	90	79.8			25740	
J.EVERETT WILLIAMS	Morgan	X	2	694	85	79.4	3.9	2.77	23426	967
CECIL DUECK	Jeff Davis/Jefferson	H	1	79	90	79.2	3.7	2.75	24745	890
J.EVERETT WILLIAMS	Morgan	X	2	116	84	79.1	3.5	2.53	25462	929
PHIL HARVEY #2	Putnam	H	1	893	89	79.1	3.7	2.61	25248	918
VISTA FARM	Jeff Davis/Jefferson	H	2	103	90	77.4	3.6	2.56	24807	885
BROOKSCO DAIRY	Brooks	H	2	2589	91	77.1			24017	
LOUIS YODER	McIntosh/Macon	H	2	111	89	76.9	3.1	2.08	21564	714
OCMULGEE DAIRY	Henry/Houston	H	1	109	94	76.3	3.9	2.82	24921	933
DOUG CHAMBERS	Jones	H	1	410	88	76.3	3.8	2.51	24528	884

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Top GA DHIA By Test Day Fat Production – February 2013

Herd	County	Br.	Mo.	Cows	Test Day Average				Yearly Average	
					% Days in Milk	Milk	% Fat	TD Fat	Milk	Lbs. Fat
RODGERS' HILLCREST FARMS INC.	Lumpkin/McDuffie	H	2	418	89	92	3.9	3.17	28833	1047
RAY WARD DAIRY	Putnam	H	2	150	87	81.3	4	3.03	23433	865
DAVE CLARK	Morgan	H	2	976	87	90.1	3.9	2.95	25968	1008
MARTIN DAIRY L. L. P.	Hart/Heard	H	2	314	90	73.4	4	2.85	22537	845
OCMULGEE DAIRY	Henry/Houston	H	1	109	94	76.3	3.9	2.82	24921	933
DANNY BELL	Morgan	H	2	290	90	71.1	4.3	2.79	23345	932
J.EVERETT WILLIAMS	Morgan	X	2	694	85	79.4	3.9	2.77	23426	967
CECIL DUECK	Jeff Davis/Jefferson	H	1	79	90	79.2	3.7	2.75	24745	890
EBERLY FAMILY FARM	Burke/Butts	H	2	545	86	74.4	3.9	2.75	20071	745
EARNEST R TURK	Putnam	H	2	412	93	71.2	4	2.72	23329	886
TROY YODER	McIntosh/Macon	H	2	172	90	80.3	3.7	2.7	23713	895
A & J DAIRY	Wilkes	H	1	296	87	74.9	4	2.69	21420	814
J.EVERETT WILLIAMS	Morgan	X	2	25	94	73	4	2.68	22062	904
J.EVERETT WILLIAMS	Morgan	X	2	46		66.1	4.2	2.68		
J.EVERETT WILLIAMS	Morgan	X	2	555	90	70.1	4	2.67	22042	917
D & T DAIRY	Wilkes	H	1	62	85	95	3.4	2.62	27241	
PHIL HARVEY #2	Putnam	H	1	893	89	79.1	3.7	2.61	25248	918
UNIV OF GA DAIRY FARM	Clarke	H	2	106	86	73.1	4.1	2.59	21432	859
BILL DODSON	Putnam	H	2	251	89	75.9	3.6	2.58	22947	804
COASTAL PLAIN EXP STATION	Tift	H	2	272	89	81	3.5	2.56	26486	949

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Top GA Lows Herds for SCC Score December 2012

<u>Herd</u>	<u>County</u>	<u>Mo.</u>	<u>Br.</u>	<u>Cows</u>	<u>Milk-Rolling</u>	<u>SCC-TD-Average</u> <u>Score</u>	<u>SCC-TD-Weight</u> <u>Average</u>	<u>SCC- Average</u> <u>Score</u>	<u>SCC-Wt.</u>
DAVID ADDIS	Whitfield	12	H	52	16582	1.3	67	1.3	123
SCOTT GLOVER	White	11	H	68	22820	1.8	95	2	169
J.EVERETT WILLIAMS	Morgan	12	X	1392	23245	1.8	145	2	171
VISTA FARM	Jefferson	12	H	101	24856	2	153	2.8	306
BILL DODSON	Putnam	12	H	250	22835	2.1	158	2.1	171
DAVE CLARK	Morgan	11	H	1006	26018	2.1	113	1.9	120
COASTAL PLAIN EXP STATION	Tift	12	H	264	26627	2.1	160	2.1	217
R & D DAIRY	Laurens	12	H	112	26232	2.2	236	2.4	218
MARTY SMITH DAIRY	Wilkes	11	H	254	22795	2.3	227	2.2	192
TROY YODER	Macon	12	H	173	23051	2.3	170	2.7	194
JARRETT EVERETT	Macon	12	X	66	13016	2.4	204	2.8	292
MARTIN HOSTETLER	Macon	12	H	99	17973	2.4	276	2.8	351
LARRY NISLEY	Macon	12	H	172	21767	2.4	173	2.7	235
IRVIN R YODER	Macon	12	H	201	22207	2.4	233	2.2	178
EUGENE KING	Macon	12	H	129	20271	2.5	230	2.3	221
WEIR DAIRY	Seminole	12	H	105	15205	2.6	164	3.1	362
LARRY L HOLDEMAN	Jefferson	12	H	125	19263	2.6	215	3.1	405
MARVIN YODER	Macon	12	H	193	19904	2.6	371	2.7	337
CENTRAL GEORGIA HOLSTEINS	Laurens	12	H	123	21723	2.6	164	2.3	188
AMERICAN DAIRYCO-GEORGIA,LLC.	Mitchell	12	H	3985	22942	2.6	206	2.9	263
DANNY BELL	Morgan	11	H	269	22949	2.6	158	2	149

Top GA Lows Herds for SCC Score – January 2013

<u>Herd</u>	<u>County</u>	<u>Mo.</u>	<u>Br.</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.</u>
DAVID ADDIS	Whitfield/Wilcox	1	H	53	16561	1.3	52	1.4	125
SCOTT GLOVER	Wheeler/White	1	H	67	22974	1.5	53	2	172
BILL DODSON	Putnam	1	H	250	22968	1.8	133	2.1	169
J.EVERETT WILLIAMS	Morgan	1	X	1426	23167	1.9	141	2	173
VISTA FARM	Jeff Davis/Jefferson	1	H	104	24918	2	156	2.6	290
COASTAL PLAIN EXP STATION	Tift	1	H	272	26579	2	250	2.1	220
IRVIN R YODER	McIntosh/Macon	1	H	208	22296	2.1	111	2.2	169
DAVE CLARK	Morgan	1	H	994	25992	2.1	107	1.9	120
MARTY SMITH DAIRY	Wilkes	1	H	257	22811	2.2	188	2.1	189
CENTRAL GEORGIA HOLSTEINS	Laurens	1	H	121	21145	2.3	178	2.3	194
R & D DAIRY	Laurens	1	H	102	26151	2.3	276	2.4	227
EUGENE KING	McIntosh/Macon	1	H	133	19994	2.4	306	2.4	231
LARRY NISLEY	McIntosh/Macon	12	H	172	21767	2.4	173	2.7	235
BERRY COLLEGE DAIRY	Fayette/Floyd	1	J	44	13070	2.5	96	2.4	135
PHILLIP B SMITH	Treutlen/Troup	1	H	96	15907	2.5	161	2.9	335
BRENNEMAN FARMS	McIntosh/Macon	1	H	122	16509	2.5	255	3.1	371
DANNY BELL	Morgan	1	H	292	23211	2.5	161	2	149
CHRIS WATERS	Meriwether	1	H	100		2.6	245	2.9	272
STAN JACKSON	Taliaferro	1	H	71	10627	2.6	248	2.4	211
DONALD NEWBERRY	Bibb	1	H	135	16045	2.6	171	2.9	253
IVAN PETERS	Jeff Davis/Jefferson	1	H	99	18401	2.6	213	2.8	296
LEE WHITAKER	Lumpkin/McDuffie	1	H	279	19057	2.6	206	2.5	294
EBERLY FAMILY FARM	Burke/Butts	1	H	551	19746	2.6	280	3.1	424
MARVIN YODER	McIntosh/Macon	12	H	193	19904	2.6	371	2.7	337
PHIL HARVEY #2	Putnam	1	H	893	25248	2.6	205	2.6	239

Top GA Lows Herds for SCC Score February 2013

<u>Herd</u>	<u>County</u>	<u>Mo.</u>	<u>Br.</u>	<u>Cows</u>	<u>Milk-Rolling</u>	<u>SCC-TD-Average</u> <u>Score</u>	<u>SCC-TD-Weight</u> <u>Average</u>	<u>SCC- Average</u> <u>Score</u>	<u>SCC-Wt.</u>
J.EVERETT WILLIAMS	Morgan	2	X	46		0.9	82	1	65
J.EVERETT WILLIAMS	Morgan	2	X	25	22062	1.1	60	0.9	40
SCOTT GLOVER	Wheeler/White	2	H	65	23057	1.3	51	1.9	155
DAVID ADDIS	Whitfield/Wilcox	1	H	53	16561	1.3	52	1.4	125
DAVE CLARK	Morgan	2	H	976	25968	1.3	86	1.9	119
J.EVERETT WILLIAMS	Morgan	2	X	555	22042	1.4	114	1.6	133
BILL DODSON	Putnam	2	H	251	22947	1.7	125	2.2	168
DANNY BELL	Morgan	2	H	290	23345	1.7	131	1.9	147
J.EVERETT WILLIAMS	Morgan	2	X	1448	23171	1.7	150	1.9	171
TROY YODER	McIntosh/Macon	2	H	172	23713	1.9	102	2.6	189
J.EVERETT WILLIAMS	Morgan	2	X	694	23426	1.9	163	2	164
MARTY SMITH DAIRY	Wilkes	2	H	260	22836	2	132	2.1	180
DAN DURHAM	Grady/Greene	1	X	35	14022	2.1	89	2.5	162
COASTAL PLAIN EXP STATION	Tift	2	H	272	26486	2.1	182	2.1	218
COASTAL PLAIN EXP STATION	Tift	2	H	269	26560	2.1	183	2.1	219
IRVIN R YODER	McIntosh/Macon	2	H	204	22291	2.2	111	2.1	158
DAN DURHAM	Grady/Greene	1	X	133	16007	2.2	136	2.3	171
VISTA FARM	Jeff Davis/Jefferson	2	H	103	24807	2.2	149	2.5	270
MARTIN HOSTETLER	McIntosh/Macon	2	H	96	17354	2.2	164	2.9	343
EUGENE KING	McIntosh/Macon	2	H	131	19908	2.2	220	2.4	233
LARRY L HOLDEMAN	Jeff Davis/Jefferson	2	H	122	18460	2.2	229	3.1	366

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