



Upcoming events:

- March 5—MBCIA Annual Membership and Educational Meeting and Supper, Raymond, MS
- March 6—Hinds Bull Test and MBCIA Spring Bull and Heifer Sale, Raymond, MS
- March 11—Beef Mythbusters Workshop, MSU, Hattiesburg, Magnolia, Oxford, Raymond, MS
- March 13-15—MSU-ES Cattle Artificial Insemination School, Mississippi State, MS
- March 24-25—Mississippi Fed Beef Challenge, MSU Meats Lab
- April 1—Cattlemen's Exchange Feeder Calf Board Sale, Winona, MS
- April 10—Magnolia Beef and Poultry Expo, Raleigh, MS

Mississippi BCIA Annual Membership Meeting Set for March

Mississippi BCIA will hold its annual membership meeting on Wednesday, March 5, 2014 starting at 6:00 p.m. at the Hinds Community College Bull Sale Facility in Raymond, MS. The annual meeting is open to new and current MBCIA members. A sponsored supper will be provided along with an educational program.

The program will feature Dr. Caleb Lemley, a reproductive physiologist with the

Mississippi State University Animal and Dairy Sciences Department, speaking on "Fetal Programming: How Management during Gestation affects Beef Calf Performance".

Meeting attendees will also have the opportunity that evening to view the bulls scheduled to sell at the Hinds Community College Bull Test and MBCIA Spring Bull Sales. Please RSVP to Mari Quinn at (662)

325-3516 for meal planning purposes if you plan to attend the meeting.

MBCIA Annual Membership Meeting

**Wednesday, March 5, 2014, 6:00 p.m.
Hinds CC Bull Sale Facility, Raymond, MS**

Hinds Bull Test & MBCIA Bull Sales—March 6

Producers looking for bulls for the upcoming spring breeding season should make plans to attend the Hinds Community College Bull Test Sale and MBCIA Spring Bull Sale. The 2 sales will be held back to back at the Hinds Bull Sale Facility in Raymond, MS starting at noon on Thursday, March 6, 2014.

Sale catalogs are currently being finalized and will become available in mid-February. The sales feature bulls backed with extensive performance information and screened for soundness. These bulls were developed in Mississippi and are adapted to local production conditions. They represent some of the top pedigrees and EPDs in their breeds.

Mississippi's Home for Performance-Backed Bulls



Hinds CC Bull Test Sale
Kenny Baner (601) 857-3351

MBCIA Spring Bull Sale
Jane Parish (662) 325-7466

msucares.com/livestock/beef/mbcia

Mississippi BCIA Annual Meeting
Wednesday, March 5, 2014, 6:00 P.M.
Includes supper and educational program

Bull Sales
Thursday, March 6, 2014, 12:00 Noon
Hinds Community College Sale Arena
Raymond, Mississippi



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Cattle Calculator App Gets an Update

The MSUES Cattle Calculator App available for download for Apple devices was updated in January 2014. Cattle Calculator allows beef cattle producers to make quick everyday calculations important for their operations.

The update includes lighter backgrounds for iOS 7 devices for ease of reading, a decimal point added to the dosage amount calculator, and the ability to change current date on days pregnant calculator.

Calculations related to reproductive management, animal performance, and management decisions are available. Reproductive calculations include: calving date based on a known breeding date, breeding date based on a known calving date, number of days pregnant based on today's date and a breeding date, and a breeding season calculator which provides calving and breeding dates based on a set breeding season.

Animal performance calculations include: Adjusted birth weight, weaning weight, and yearling weight, average daily gain and required gain. Management calculation include: dosage calculations for dewormers and medicines given an animal weight and manufacturer's recommended dosage, frame score calculations, trailer stocking density, and yield grade.

You can download the app at

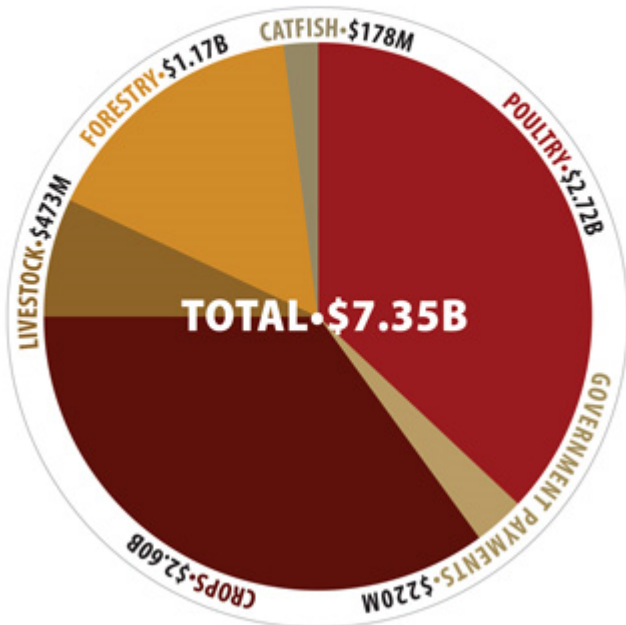
<http://tinyurl.com/msues-cattle-calculator>

or by searching MSUES Cattle Calculator in the Apple App Store.

Direct any app questions or suggestions for future updates to Dr. Brandi Karisch: bkarisch@ads.msstate.edu or 662.325.7765.

Annual Ag Commodities Report: Livestock and Hay Highlights

MISSISSIPPI 2013 ESTIMATED VALUE OF AG PRODUCTION



In addition to poultry, forestry and corn, the largest trending increases in the state's main crops relative to the 5-year average include 30 percent in livestock and 25 percent in hay . Mississippi State University Extension Livestock Economist, Dr. John Michael Riley said the improvement in livestock's value from recent years can be attributed to significant increases in hogs and moderate improvement in cattle, both offsetting decreases in dairy. Riley estimated hog values to be 66 percent higher than the 5-year average. Individual livestock values for 2013 are \$289 million for cattle and calves, \$144 million for hogs and \$40 million for dairy.

"The U.S. Department of Agriculture showed a significant increase in the state's sow numbers in 2012, but the bulk of that increase did not start producing litters until 2013, causing the jump in production," Riley said. "Beef cattle declined a bit due to smaller numbers, mostly feeder cattle of which we saw a significant increase in 2012 due to drought in other parts of the U.S. The dairy industry continued to decline and is off the five-year average by 11 percent."

Mississippi posted another strong year of forage production, and the estimated value of hay for 2013 is \$157 million. That total for the state's No. 8 crop is 15 percent more than in the previous year and 25 percent better than the 5-year average.

Source: msucare.com/news/print/agnews/an13/20131219_overall.html

Beef Mythbusters Workshop Ahead in March

The Mississippi State University Extension Service will offer a Beef Heifer Development Workshop on Tuesday, March 11, 2014 from 9:00 A.M. to 3:00 P.M. over the Extension interactive video system

Beef cattle producers often encounter many sources of information and misinformation when buying inputs, selling their products, or just visiting with others in the industry. At this workshop we are busting common beef cattle production myths. This workshop will tackle some of these common myths through classroom presentations and interactive discussions.

Topics to be addressed include:

Genetics Myths I

- EPDs, performance testing, DNA

Genetics Myths II

- Breed myths, crossbreeding vs straightbreeding

Reproductive Myths

- Breeding seasons, A.I., estrus synchronization, Breeding Soundness Exams

Nutrition Myths

- Forage quality, alternative feeds, supplementation

Finishing and Harvest Myths

- Meat quality and yield grade, forage-finished beef

Herd Health Myths

- Deworming, vaccination, immunity, disease

Marketing Myths

- Marketing options, risk protection, beef markets

Environmental Impacts Myths

- How modern beef production affects the environment, water runoff

The short course brochure is online at:

msucares.com/livestock/beef/beefmythbusters.pdf

This brochure lists the complete schedule of topics with times. A short registration form is also included in the brochure.

The workshop registration fee is \$35 per person in advance and \$50 per person at the door and covers course materials, refreshments, and lunch.

The short course will be hosted on the Mississippi State University campus in Starkville. The presentations will originate from Bost Theater on the MSU main campus.

Distance locations hosting the short course will include the Central Mississippi Research and Extension Center in Raymond, the Forrest County Extension Office in Hattiesburg, the Lafayette County Extension Office in Oxford, and the Pike County Extension Office in Magnolia.

Additional distance broadcast sites may be added if at least 10 participants preregister for a particular site. County and area Extension personnel can work with interested participants and short course coordinators.

Producers interested in attending or with questions about the workshop should contact either:

Brandi Karisch
Phone: (662) 325-7465
E-mail: bbourg@ads.msstate.edu

or

Jane Parish
Phone: (662) 325-7466
E-mail: jparish@ads.msstate.edu

“...Myths addressed will include genetics, reproduction, nutrition, harvest, health, marketing, and environmental impact topics.”



The Beef Mythbusters Workshop will address some common beef cattle production myths with science-based information and recommendations

Mississippi Beef Cattle Improvement Association—Productivity and Quality

Mississippi Beef Cattle Improvement Assn.
Box 9815
Mississippi State, MS 39762

Phone: 662-325-7466
Fax: 662-325-8873
Email: jparish@ads.msstate.edu

Send questions or comments to Jane Parish,
Extension Beef Cattle Specialist,
Mississippi State University Extension Service

Joe Parish

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Visit MBCIA online at
[http://msucares.com/
livestock/beef/mbcia/](http://msucares.com/livestock/beef/mbcia/)

MISSISSIPPI
BCIA Membership Application
BEEF CATTLE IMPROVEMENT ASSOCIATION

Name: _____
Address: _____
City: _____
County: _____ State: _____ Zip: _____
Phone: _____ Email: _____
(Check one) Seedstock: _____ Commercial: _____
Cattle breed(s): _____

Completed applications and \$5 annual dues or \$100 life-time dues payable to Mississippi BCIA should be mailed to:
Mississippi Beef Cattle Improvement Association
Box 9815, Mississippi State, MS 39762

Animal and Dairy Sciences 2013 Annual Report Available

The most recent annual report from the Animal and Dairy Sciences Department at Mississippi State University is now available online at:

[www.ads.msstate.edu/docs/
annual_report/annualreport2013.pdf](http://www.ads.msstate.edu/docs/annual_report/annualreport2013.pdf)

Hard copies are also available upon request by contacting Mari Quinn at (662) 325-3516 or mquinn@ads.msstate.edu.

The annual report was started in 2009 and is published in October/November on a yearly basis. The 162-page report for 2013 contains recent summaries of teaching, research, and Extension efforts by the department.

The teaching section highlights current scholarships, student club activities, and classes. Research summary articles in the report include livestock physiology, nutrition, and management topics. Beef cattle and 4-H livestock extension programs are addressed in various report articles. Of specific interest to BCIA, an article summarizing recent BCIA activities is included in the most recent report. In addition, the department head letter at the front of the report gives an overview of departmental activities and plans.

Mississippi State University
Animal and Dairy Sciences
Department Report • 2013

Editors: J. A. Parish, S. H. Ward, and J. M. Graves
Division of Agriculture, Forestry, and Veterinary Medicine
Mississippi State University
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