

Mississippi Beef Cattle Improvement Association

Mississippi Beef Cattle Improvement Association—Productivity and Quality



Upcoming events:

- April 4—Beef Quality Assurance Training, Tylertown, MS
- April 5—Beef Quality Assurance Training, Poplarville, MS
- April 5 - Cattlemen's Exchange Feeder Calf Board Sale, Winaona, MS
- April 7—Magnolia Beef and Poultry Expo, Raleigh, MS
- April 8—Beef Cattle Boot Camp, Prairie, MS
- April 15—Beef Cattle Boot Camp, Poplarville, MS
- June 1-4—Beef Improvement Federation annual meeting, Bozeman, MT
- September—Beef Cattle Genetics Learn at Lunch sessions
- October 27-29—MSU Artificial Insemination School, Mississippi State, MS

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Mississippi BCIA—Hinds Bull Test 2011 Spring Bull Sale Results

The Mississippi Beef Cattle Improvement Association wrapped up its 4th Annual Spring Bull Sale on March 3, 2011. The MBCIA Spring Bull Sale was held in conjunction with the Hinds Community College Bull Test Sale in Raymond, MS. The MBCIA Sale featured 11 performance-backed bulls from breeders across the state, while the Hinds Bull Test Sale featured 30 bulls. Thank you to all of the consignors and buyers for supporting these Spring 2011 bull sales.

The top-selling lot was CWC No Doubt W926, a Charolais bull. This bull was consigned by Clear Water Cattle, LLC of Aberdeen, MS and sold for \$3,400. Breeders marketing bulls in the Hinds Test sale included A. Daughdrill Farms, Busted B Farms, E. L. Farms, Harvey Farms, Monogram Farms, Woods Angus, and Yankee Cut-off Angus Ranch. In the MBCIA sale other consignors included Harvey Farms, the Mississippi Agricultural and Forestry Experiment Station, and Thames Angus Farms.

All breeds—41 bulls
Gross receipts—\$93,200
Average price—\$2,273
High-selling lot—\$3,400



Angus—34 bulls
Gross receipts—\$76,700
Average price—\$2,256
High-selling lot—\$3,150



Charolais—4 bulls
Gross receipts—\$10,800
Average price—\$2,700
High-selling lot—\$3,400

Hereford—1 bull
Gross receipts—\$2,000
Average price—\$2,000
High-selling lot—\$2,000



Irish Black—2 bulls
Gross receipts—\$3,700
Average price—\$1,850
High-selling lot—\$1,950

Buyer appreciation is extended to: Patridge Farms, George Boyd, John Green, Marcel Pilate, Doug Gevedon, Henry L. Alexander, A. C. Geter, Sunny Wooten, Ray Jordan, Arthur Phelps, Jr., Inza Calloway, Barland Farms, Dennis Mason, Lee Herren, James Givens, Mickey Roth, Mike Greer, Mott Headley, Steve Cumberland, Prentice Copeland, and Jerry Griffin. Thanks also goes out to our friends at Hinds Community College for help both in hosting and conducting the sale.

Mississippi BCIA looks forward to another successful sale in Raymond, Mississippi on November 10, 2011. Breeders interested in nominating bulls to the Fall BCIA Bull Sale should complete and submit nomination forms to the MBCIA office by September 1, 2011. Bull sale rules, nomination forms, and other information on Mississippi BCIA are available on the BCIA website at: msu-cares.com/livestock/beef/mbcia or by contacting an office of the Mississippi State University Extension Service.

Contact Kenny Baner at 601-857-3351 for information on the 2010-2011 Hinds Community College Bull Test.



Harvey Farms had the high-selling lot in the Hinds Bull Test Sale at \$3,150

Clear Water Cattle had the high-selling lot in the MBCIA Sale at \$3,400



BEEF CATTLE BOOT CAMP

The boot camps are an opportunity to gain hands-on experience with cattle management skills.

Beef Cattle Boot Camps Return

The Beef Cattle Boot Camps offered through the Mississippi State University Extension Service and Mississippi Agricultural and Forestry Experiment Stations (MAFES) are a new opportunity to gain hands-on experience with cattle management skills.

The 2011 Boot Camps are scheduled for Friday, April 8, 2011 at the MAFES Prairie Research Unit in Prairie, MS and Friday, April 15, 2011 at the MAFES White Sands Unit in Poplarville, MS. The program will be the same at each location.

Boot Camp topics include performance data collection, calving assistance, parasite control, cattle behavior and welfare, weed control, poisonous plant ID, diet transitions, fence building, and freezer beef.

Registration fees are \$35 per person attending and include lunch and Boot Camp notebooks. For more information on the Beef Cattle Boot Camps, contact Jane Parish, in the MSU Animal and Dairy Sciences Department at jparish@ads.msstate.edu or 662-325-7466. Boot Camp brochures are available online at msucares.com/livestock/beef/beef_calendar.html



Online Fertilizer Calculator for Mississippi Pastures

A free spreadsheet is available for download at msucares.com/crops/forages/fertilizer

This Excel-based program provides precise directions for an optimal application of fertilizers to pastures and hay fields in Mississippi

when following soil test recommendations. It computes the pounds of a given fertilizer required, based on the nutrient ratio of the fertilizer, and the pounds of nitrogen, phosphate, and potash necessary for a given area, as recommended by soil test.

Reset		Fertilizer Calculator for Pastures in Mississippi (Ver. 5.0)									
STEP 1		Fertilizer Application Cost per Acre		\$ 0.00							
		Lime Application Cost per Acre		\$ 0.00							
		Fertilizer Cost		\$ 0.00							
Sections in Yellow Need Data Input											
STEP 2		Producer Information									
Type	Fertilizer	\$/ton	Name: <input type="text"/>								
Lime	Ag Lime	0.00	Total Tons Required	Date: <input type="text"/>							
Nitrogen	Ammonium Nitrate	0.00	0.00	County: <input type="text"/>							
	Ammonium Sulfate	0.00	0.00	Address: <input type="text"/>							
	Urea	0.00	0.00	Phone: <input type="text"/>							
Phosphate	Urea Ammonium Sulfate	0.00	0.00	Fax: <input type="text"/>							
	Diammonium Phosphate (DAP)	0.00	0.00	Email: <input type="text"/>							
	Monommonium Phosphate (MAP)	0.00	0.00								
Potash	Triple SuperPhosphate	0.00	0.00								
	Potash	0.00	0.00								
Litter	Potassium Sulfate	0.00	0.00								
	Poultry Litter (Tested)	0.00	0.00								
Other Blends	Poultry Litter (Untested)	0.00	0.00								
	Triple 13 (13-13-13)	0.00	0.00								
	Triple 17 (17-17-17)	0.00	0.00								
	Rainbow (15-5-10)	0.00	0.00								
Total Cost		0.00									
STEP 3		Pastures in Grazing Operation									
Acres		1	2	3	4	5	6	7	8	9	10
Total Acres		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Type		Lime-N-P-K Recommended by Soil Test (lb/ac)									
Lime		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nitrogen (N)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phosphorus (P ₂ O ₅)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Potassium (K ₂ O)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MISSISSIPPI STATE UNIVERSITY
EXTENSION SERVICE

“...Contact Dr. Rocky Lemus at 662-325-7718 or rlemus@pss.msstate.edu for more information about the fertilizer calculator.”

Beef Improvement Federation 2011 Convention Agenda



Wednesday June 1

- 5:00PM – 7:00PM Opening Reception
- 7:00PM – 9:30PM NAAB Symposium They Call Me Dr. Discard - Cliff Marshall, VP Production, Select Sires/NAAB Genetic Improvement from AI and Synchronization—Everybody Wins! American Simmental Association

Thursday June 2

- 8:00–10:30 AM General Session I: Role of Genetic Evaluation Technology in Enhancing Global Competitiveness
- 8:10 – 8:45 AM Scott Newman, Genus
- 8:45 – 9:20 AM Robert Williams, AICA
- 9:20 – 9:55 AM Willie Altenberg, Genex
- 10:00 – 10:30 AM Break
- 10:30 – 11:20 AM General Session II: Genetics in Improving Animal Health –
- 10:30 – 10:55 AM Michael Gonda, SDSU, Genetics of Vaccine Response
- 11:05 – 11:30 Mark Enns, CSU
- 11:30 – 11:55 Erika Downey, Iowa State University
- 12:10 – 2:30 PM Beef Improvement Federation Awards Luncheon I: Commercial Producer of the Year, Baker Scholarship Award, Roy Wallace Award, Ambassador Awards, BIF Continuing Service Awards, Graduate Fellowship Recipient Recognition
- 2:30 – 5:30 PM Concurrent Sessions Advancements in Cowherd Efficiency - Chairman: Mark Enns, CSU Live Animal, Carcass and Endpoint - Chairman: Robert Williams, AICA Advancements in Producer Applications - Chairman: Jane Parish, Miss State U.
- 6:30 PM Best of Bozeman – Food and Entertainment @ Emerson Center for the Arts and Culture

Friday June 3

- 8:00 – 10:30 AM General Session III: New Traits in National Cattle Evaluation
- 8:00 – 8:10 AM Welcome President Cruzado, Montana State University
- 8:10 – 8:45 AM Steve Moore, University of Alberta, Feed Intake
- 8:45 – 9:20 AM Christian Malteca, NCSU, Fertility and Survival
- 9:20 – 9:55 AM Alison Van Eenennaam, UC Davis, Health Traits
- 10:00 – 10:30 AM Break
- 10:30 – 11:30 AM General Session IV: A toolbox full of genetic prediction tools – is profit in there, too? – Moderator: Dan Moser, Kansas State University Panelists: Lauren Hyde (American Simmental Association), Steve Radakovich (Radakovich Cattle Co.), Doug Frank (ABS Global), Jim Williams (Ford County Feed Yard and Grizzly Ranch)
- 11:30 – noon Business Meeting
- 12:10 – 2:30 PM Beef Improvement Federation Awards Luncheon II: Seed-stock Producer of the Year Award, Pioneer Award, President's Address, International Guest Recognition, 2012 BIF Conference Invitation
- 2:30 – 5:30 PM Concurrent Sessions Advancements in Genetic Prediction - Chairman: Mark Thallman, USDA-ARS Advancements in Emerging Technologies - Chairman: Jack Ward, American Hereford Association Advancements in Selection Decisions - Chairman: Bob Weaber, University of Missouri

Saturday, June 4

- Producer Tours

*“...Montana State University in Bozeman, MT will host the BIF 2011 convention. **Early registration ends April 30, 2011.**”*

To register for the convention go to www.beefimprovement.org/convention.html

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Mississippi Beef Cattle Improvement Assn.
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Mississippi State, MS 39762

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

Jane Parish

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

MBCIA Membership Application

Name: _____

Address: _____

City: _____

County: _____ State: _____ Zip: _____

Phone: _____ Email: _____

(Check one) Seedstock: Commercial:

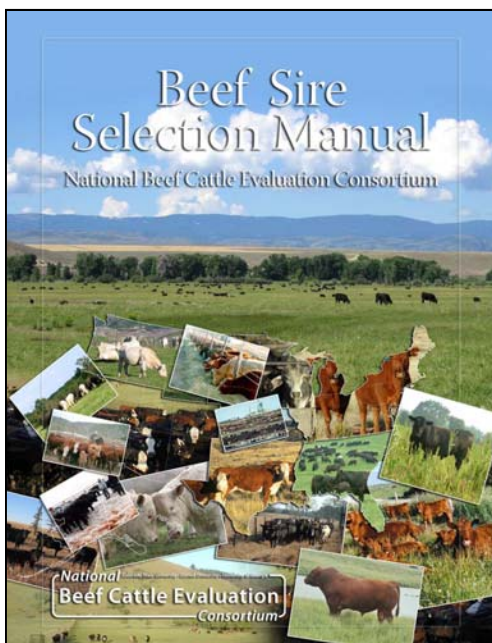
Cattle breed(s): _____

Completed applications and \$5 annual dues or \$100 life-time dues payable to Mississippi BCIA should be mailed to:

Mississippi Beef Cattle Improvement Association
Jane Parish, Extension Beef Cattle Specialist
Box 9815, Mississippi State, MS 39762

Genetic Knowledge Continues to be Key for the Future

“The beef industry has an exciting genetic future. As one reflects on what has happened in DNA-based technology and genetic marker additions to the selection tool chest, one has to be excited for what lies in our future. At the end of the first decade of the new millennia enormous breakthroughs have occurred with the addition of a 50,000 plus SNP chip panel which is allowing advancements in whole genome prediction of molecular breeding values for currently utilized traits with other traits being added at this writing. Just as computers have advanced at a rapid pace it is likely that much larger and more economical SNP panels will be developed allowing scientists to better define breeding values with this advanced DNA technology. Will these new technologies muddy selection decisions or enhance them?”



Sire selection is one of the most important and economical activities in a beef operation. This will not diminish in the future. Producers need to continuously improve their knowledge base in herd evaluation, nutrition and health management, and genetic selection for improved economic returns. Reading and understanding information from this NBCEC Beef Sire Selection Manual is a significant step in achieving an improved knowledge base for managing the beef operation.”

Excerpt from the Summary Chapter in the Sire Selection Manual. 2nd edition. 2010. National Beef Cattle Evaluation Consortium.

A role of the National Beef Cattle Evaluation Consortium (NBCEC) is to assist breed associations in incorporating DNA technology into their genetic predictions; thus, the end product of future genetic evaluations will be EPDs enhanced with DNA technology allowing for more accurate genetic predictions earlier in an animal's life. Our future in beef cattle selection and mating will definitely be changing; it is our challenge to learn to make wise decisions and capitalize on these advancements.

Mississippi BCIA members interesting in obtaining a free hard copy of the NBCEC Sire Selection Manual can contact Jane Parish at jparish@ads.msstate.edu or 662-325-7466. The manual is also available online in its entirety at

[msucares.com/livestock/beef/
sireselectionmanual.pdf](http://msucares.com/livestock/beef/sireselectionmanual.pdf)