

Jackson County Extension
 University of Florida
 2741 Pennsylvania Ave., Suite 3
 Marianna, FL 32448

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Livestock & Crops Calendar of Events

February	Event	Location
3	Tri-State Watermelon-Cucurbit Seminar	Jackson County Extension Auditorium
4	NW FL Beef Conference & Trade Show	Jackson County Extension Auditorium
4	CORE Pesticide Training & Exam; CEU's available	Gadsden Co. Extension Office, Quincy
17	Fed Cattle Show	Jackson County Ag Center (Fairgrounds)
20	Cotton Production Seminar	Jackson County Extension Auditorium
24	Private Applicator Pesticide Training & Exam; CEU's available	Gadsden Co. Extension Office, Quincy
March	Event	Location
5	Peanut Short Course	Jackson County Extension Auditorium
19	Certified Pile Burning Training	West FL REC, Milton
April	Event	Location
29-May 1	Beef Cattle Short Course	Gainesville, FL



Jackson Stockman
 Livestock and Forage Newsletter

Doug Mayo
 Livestock Agent
 Jackson County Extension
 850-482-9620 or Fax 482-9287
 email: demayo@ufl.edu
 Internet: <http://jackson.ifas.ufl.edu>



Jackson Stockman

Jackson County Extension Livestock & Forage Newsletter

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Volume 10 Number 1

Dried Distiller's Grain a Viable Feed Alternative Now

Doug Mayo, Jackson County Livestock Extension Agent

Now that First United Ethanol is up and running in Camilla, Georgia, Dried Distiller's Grain (DDG) is a more affordable feed for cattle producers in the Panhandle. Currently DDG in Camilla is selling for \$125 per ton at the plant. Camilla is 82 miles from Marianna, so when you add in the cost of transportation, you can purchase DDG for around \$139 per ton on trucks that deliver 23-25 tons. When compared to other feed commodities, Dried Distiller's Grain offers more protein and more energy for about the same cost. This makes DDG just one more option to consider if you are going to purchase commodity feeds in bulk.

First United Ethanol DDG feed tag

Moisture	≤ 13%
Crude Protein	≥ 26%
Crude Fiber	≤ 15%
Fat	≥ 9%

Dried Distillers Grain (DDG) is a byproduct of the process used to make ethanol from corn. Corn is almost 2/3 starch, so the bran and oil parts of the corn kernel, that are not used for ethanol fermentation, become distiller's grain. The oil and bran have a higher concentration of protein and fat, than the whole kernels. Finally the product is dried to make transportation more efficient. The DDG feeding values range from 25-30% crude protein, and 85-90% TDN.

Like any feed commodity there are some things you should know about Dried Distiller's Grains when formulating diets. The concentration of oil in DDG makes for a fat content of 8-12%. Total fat concentration of a beef cow's diet should not exceed 5%. DDG's are also high in sulfur ranging from 0.3-1.2%. Beef cattle rations should contain no more than 0.4% sulfur. Phosphorous is also fairly high in DDG's, so additional calcium may need to be fed in the mineral. When you account for all of these factors, Distillers Grains should make up less than 1/3 of a cows diet, and should not be used for free choice feeding.

The table below demonstrates the amount and expense of different commodity feed needed to meet the maintenance requirements of an 1100 pound lactating cow fed average quality hay (8% CP, 50% TDN).

Bulk Commodity Feed Use Comparison

Feed Type	\$/ton delivered	Avg CP%	Avg TDN	Lbs./day /cow	\$/cow /day
DDG	\$139	29	90	6	\$.42
Whole Cottonseed	\$220	23	95	5.5	\$.60
Corn Gluten Feed	\$155	22	80	8	\$.62
½ Soyhulls/ ½ Gluten Feed	\$157	17	79	8	\$0.63



Beef Brief

Curly Calf Syndrome

Ronnie Silcox, UGA Extension Animal Scientist

“Curly Calf Syndrome” is a genetic defect that has raised some concern in the Angus breed recently. “Curly Calf” is the common name for Arthrogryposis Multiplex (AM). Affected calves are born dead with a bent or twisted spine and legs are often straight and rigid. The name “Curly Calf Syndrome” comes from this twisted appearance of the calf.

All indications are that “curly calf” is caused by a recessive gene. For a calf to be affected, both parents must be carriers of the recessive gene. A carrier will be normal in appearance. If A = Normal gene and a = recessive curly calf gene; A cow or bull with the following genotypes will be:

AA = Normal

Aa = Carrier (normal in appearance)

aa = Curly Calf

To get a calf with “Curly Calf Syndrome” you must breed a carrier bull (Aa) to a carrier cow (Aa).

Half of the sperm cells produced by a carrier Bull (Aa) will have the normal allele (A) and half will have the curly calf allele (a). Half of the eggs produced by carrier cows would have the normal allele (A) and half would have the curly calf allele (a). When you mate carriers the probabilities are:

25% - AA = Normal

50% - Aa = Carrier with normal appearance

25% - aa = Curly calf syndrome

If a calf is born with “Curly Calf Syndrome”, both the sire and the dam must be carriers of the defective gene (a). More information about this condition can be found at the American Angus Association webpage:

http://www.angus.org/ccs_info.html



Upcoming Programs & Events

NW FL Beef Conference February 4

The Northwest Florida Beef Conference & Trade Show will be held on Wednesday, February 4, in the Agriculture Conference Center, 2741 Pennsylvania Avenue, Marianna, Florida. Previously, this event had been held the first Thursday of February but, to avoid scheduling conflicts for Trade Show exhibitors, the Conference will be held a day earlier, on the first Wednesday of February. Registration and the Trade Show will open at 8:00 AM central time, with the program beginning at 8:45 AM, and concluding with lunch. A registration fee of \$5 per person will be collected at the door.

“*Managing in Dynamic Times*” will be the focus this year. There will be three presentations and a panel discussion. Curt Lacey, University of Georgia Livestock Economist, will give producers a 2009 forecast of the cattle market and input costs, and also help producers think through where they might trim their budgets to make the most impact. The second speaker will be Todd Thrift, University of Florida Beef Cattle Specialist, who will address ranch management in dynamic times for decreasing costs or increasing income. Cliff Lamb, NFREC Beef Cattle Specialist, will follow with ideas to improve the long term efficiency of a herd. The program will conclude with a panel discussion of management changes being considering by local ranchers for 2009.

The Beef Conference also features a Trade Show of businesses that offer goods and services to cattle producers in the region. Time will be provided to visit with the company representatives to learn about new products and suggestions they have for beef cattle operations. For more information on the Beef Conference, contact Doug Mayo, at 850-482-9620, or on the Internet, at <http://jackson.ifas.ufl.edu>.

Jackson Fed Cattle Show February 17

The 30th Annual Fed Cattle Show & Sale will be held at the Jackson County Ag Center, Hwy 90, 2 miles west of Marianna on Tuesday, February 17. The Steer Show begins at 2 PM. Sale registration begins at 6:30 PM with the Auction at 7:00 PM. Come support Jackson County 4-H and FFA Youth and buy a steer for your freezer. For more information, contact the Show Chairman, Larry Warden, 573-1054, or the Extension Office, 482-9620.

Certified Pile Burner Course March 19

Florida's Certified Pile Burner Training will be held at the UF/IFAS West Florida Research and Education Center, in Milton, Florida on March 19 from 8:30 AM - 4:30 PM, CST. Registration is limited to the first 50 people who submit the five (5) required registration items. Cost is \$50, and includes lunch, training materials and exam. Direct questions to Benjamin Koubek at (352) 846-2374, or send email to flboy275@ufl.edu. Or download the registration form from the Extension Calendar: <http://jackson.ifas.ufl.edu/calendar.shtml>

Beef Cattle Short Course April 29-May 1

The 58th annual beef Cattle Short Course will be held April 29 through May 1 at the Hilton University of Florida Conference Center in Gainesville, Florida. This year the Short Course will focus on Cash, Cows and Calves. Early registration is \$125 before April 17 and \$165 for regular registration after April 17. For more information: <http://www.animal.ufl.edu/extension/beef/short.shtml>



From the Bull Pen

Anger Management

Husband says, "When I get mad at you, you never fight back. How do you control your anger?"
Wife says, "I clean the toilet." Husband says, "How does that help?" Wife says, "I use your toothbrush!"

Humorous Church Sign Quotes

Quit griping about your church; if it was perfect, you couldn't belong.

Some minds are like concrete, thoroughly mixed up and permanently set.

Why do people change churches; what difference does it make which one you stay home from?

Can Cold Water Clean Dishes?

This is for all the germ conscious folks that worry about using cold water to clean.

John went to visit his 90 year old grandfather in a very secluded, rural area of North Florida. After spending a great evening chatting the night away, John's grandfather prepared breakfast of bacon, eggs and toast. However, John noticed a film like substance on his plate, and questioned his Grandfather asking, "Are these plates clean?" His grandfather replied, "They're as clean as cold water can get them. Just you go ahead and finish your meal, Sonny!" For lunch the old man made hamburgers. Again, John was concerned about the plates as his appeared to have tiny specks around the edge that looked like dried egg and asked, "Are you sure these plates are clean?" Without looking up the old man said, "I told you before, Sonny, those dishes are as clean as cold water can get them. Now don't you fret, I don't want to hear another word about it!"

Later that afternoon, as John was about to leave, his Grandfather's dog started to growl, and wouldn't let him pass. John yelled and said, "Grandfather, your dog won't let me get to my car." Without diverting his attention from the football game he was watching on TV, the old man shouted, "COLDWATER, GO LAY DOWN!"



Truly Yours,

Douglas E. Mayo

Doug Mayo
Interim County Extension Director

