FACILITIES OF COOPERATIVE EXTENSION

FAMU Extension Teleconference Center, on the campus of Florida A&M University, Tallahassee, Florida.

Perry Paige Agriculture Building, on the campus of Florida A&M University, Tallahassee, Florida.

FAMU Research and Extension Center, Quincy, Florida
USDA’s Food Safety and Inspection Service (FSIS) to Host Webinar on the Cooperative Interstate Shipment Program (CIS) for State-Inspected Meat & Poultry Plants

**Wednesday, September 23, 2015, 3:00-4:00 pm EDT**

**OVERVIEW:**
The CIS program promotes the expansion of market opportunities for state-inspected meat and poultry establishments. Under CIS, state-inspected plants can ship their product in interstate commerce and internationally without dramatic changes in the plant’s day-to-day operations. Without CIS, a state-inspected plant is limited to sales within its own borders even if an adjoining state is just across the highway or river.

The CIS program is available to the 27 states that have established a Meat and Poultry Inspection Program (MPI), or one that maintains “at least equal to” FSIS regulatory requirements. The four states currently participating in the CIS program with FSIS are: Ohio, North Dakota, Wisconsin, and Indiana.

In this Webinar, representatives from FSIS and USDA’s Know Your Farmer, Know Your Food (KYF2) initiative will provide an overview of CIS and other USDA resources available to small and mid-scale meat and poultry processors. Firsthand experiences with CIS will be provided by representatives from the State of Wisconsin Meat Safety and Inspection Bureau and a plant operator currently participating in the program.

**PARTICIPANT INSTRUCTIONS:**

To connect to the Web Conference, click here and follow the on-screen instructions:


Meeting Number: 888.844.9904
Passcode: 5277207
(Please log in as a participant).

For more information on the CIS program and other USDA resources for small meat and poultry processors, visit the Web sites listed below:

**CIS Program:**

**Know Your Farmer, Know Your Food Tools and Resources:**
WASHINGTON, Sept. 1, 2015 — The U.S. Department of Agriculture's Commodity Credit Corporation (CCC) today announced interest rates for September 2015. The CCC borrowing rate-based charge for September is 0.375 percent, up from 0.250 percent in August.

The interest rate for crop year commodity loans less than one year disbursed during September is 1.375 percent, up from 1.250 percent in August.

Interest rates for Farm Storage Facility Loans approved for September are as follows, 2.000 percent with seven-year loan terms, down from 2.125 percent in August; 2.250 percent with 10-year loan terms, down from 2.375 percent in August and; 2.250 percent with 12-year loan terms, down from 2.500 percent in August. The interest rate for 15-year Sugar Storage Facility Loans for September is 2.375 percent, down from 2.625 percent in August.

Further program information is available from USDA Farm Service Agency's (FSA) Financial Management Division at 202-772-6041.

USDA is an equal opportunity provider and employer. To file a complaint of discrimination, write: USDA, Office of the Assistant Secretary for Civil Rights, Office of Adjudication, 1400 Independence Ave., SW, Washington, DC 20250-9410 or call (866) 632-9992 (Toll-free Customer Service), (800) 877-8339 (Local or Federal relay), (866) 377-8642 (Relay voice users).
Highlights of FDA Veterinary Feed Directive Regulation for Dairy Producers

Contributor: Aliyar Fouladkhah

In June 3 2015, Food and Drug Administration of Department of Health and Human Services published a revised Veterinary Feed Directives (VFD) that requires the use of antimicrobials in animal foods to be performed through strict veterinary supervision to minimize unnecessary use of the medication and assure animal health. The effective date of the VFD will be October 1, 2015.

The new regulation requiring use of antimicrobials, for specifically identified animal health complication, at a pre-determined specific dose, for certain amount of time determined by a veterinarian. This provides a framework for animal clinicians to use medically important antimicrobials in feed for specific animal health concern rather than sub-therapeutic doses.

The prescription of the medications, and specifically antimicrobials, will only be allowed by veterinarian within the framework of veterinarian-client-patient relationship (VCPR). VCPR requires farm visit, knowledge of the animal condition, and follow up visits to the farm and the animal for continuation of the medical care.

This rule acknowledges antimicrobial drugs as important part of our public health defense and promote integrity of the use of live-saving medically important antimicrobials through cooperation with veterinarian and making informed decision about food-producing animal veterinary care. In addition to the below references, you can find herd and animal health information on FAMU Herd Health website at: http://www.famu.edu/herds. FAMU, along with three other land-grant institutions, is also part of a 5 year USDA funded project for reducing antimicrobial use and mastitis in dairy herds. You access the project bilingual information at: http://qualitymilkalliance.com/.

References:
The Florida Agricultural and Mechanical University (FAMU) Animal Science team has partnered with Dr. Ivan Bearineau and the Christian Veterinary Mission on a project to improve and introduce goat genetics in Haiti. Four goats were shipped to the island country of Haiti in September. This situation allowed FAMU to assist a good cause and help a country in need. Students were able to learn the complicated process of international shipment of animals especially livestock.

The students were able to evaluate FAMACHA© scores, fecal parasite screening, draw blood for CAE, paratuberculosis, and brucellosis. These animals were also tested for tuberculosis.

Photo credit: Amelia Davis, taken at the FAMU Research and Extension Center (Quincy, FL)
This is an unusual, fleshy leafed plant used as a culinary seasoning in the Caribbean.

This fragrant herb is easily grown for culinary and medicinal purposes as well as its ornamental appeal.

When planting Spanish thyme, care should be taken to provide it with as much sunlight as possible. This causes the plant to produce the maximum amount of essential oil, thereby making it more fragrant and flavorful. Spanish thyme thrives in hot weather and will tolerate poor, dry soil. It will not survive in wet or shady areas and is susceptible to cold. Even the slightest frost will kill this plant, so it may be best to grow it in a pot and bring it indoors during cold weather.

This thyme variant is often used in combination with other herbs in rubs for fish, seafood, meat, or poultry. The flavor mixes well with beans, rice, stuffing, and salad dressing and can be used as a substitute for sage.

This herb has a camphor-like smell and contains forskolin which has been researched for its ability to improve chronic lung disease, glaucoma, and congestive heart failure. Spanish thyme tea is also said to have a laxative effect and may reduce inflammation and improve digestive problems. Crushed fresh leaves are applied directly on the skin to treat insect bites, stings, and burns.

Contributors: Linda Sapp and Trevor Hylton
Hornworms Are Major Pests To Scotch Bonnet Farmers

The tomato hornworm *Manduca quinquemaculata*, is commonly found feeding on plants in the *solanaceae* family. This family includes plants such as peppers, tomatoes, potato and tobacco. The hornworm is the larval (feeding) stage of a moth and can grow to 4 or more inches in length. One worm can destroy an entire plant within 4 to 5 days before migrating to the soil where it pupates. Their camouflaged green bodies allow them to blend in extremely well with the foliage of the plant, which makes it almost impossible to see them until their damage become evident.

Hornworms impose a great deal of damage to Scotch Bonnet plants by chewing on the soft leaves and stems. The loss of the photosynthetic portion of the plant has several adverse effects. These include:

- reduced growth, vitality and resistance to diseases
- exposure of the fruits to direct sunlight leads to fruit scalding and reduced fruit quality
- death of the plant resulting in yield reduction and reduced profit to the farmer

**How to identify hornworms:** Hornworms leave evidence of their presence such as:

- bare tips due to chewing of the terminal leaves and buds
- fresh droppings (stool or dung) at the base of the plant.
- bite marks and holes in green fruits
- exposed fruits as a result of leaf loss

Once these signs are evident, careful examination almost always reveals a hornworm lying motionless on the bottom side of a branch.

**Controlling hornworms:** Hornworms are extremely large (about the size of an index finger) so it is easy to get hold of them, remove them from the plant and dispose of them. You may also want to attract non-stinging parasitic wasps that use them as food for their larvae to your farm. Organic pesticides such as Spinosad and Bacillus thuringiensis (BT) are also great biological methods of controlling this pest.

In concluding, hornworms can cause much damage to your hot pepper crop and profit margin. However, they are controllable and by simply being vigilant and looking for telltale signs, a farmer can significantly reduce their negative impacts.
Lab Activity:

Students were given the fun task of comparing the effect of sugar, time and temperature on the preparation of pizza dough.

End result: Smiles and full tummies!
Despite the rainy weather, FAMU College of Agriculture and Food Science Center of Viticulture and Small Fruit Research’s 2015 Grape Harvest Festival event, attracted hundreds in attendance. This years’ event included activities for the entire family, such as the grape throwing competition, grape and wine sampling, hula hoop competition, 5K Vineyard Run/2K Walkathon, Grape Stomping contest and much more.

FAMU Cooperative Extension’s employee, Amelia Davis, with her daughter/volunteer, Laila Spinner.
Winners of the 5K Run at the Grape Harvest Festival, along FAMU Girl’s Track Coach Dr. Moore, FAMU Provost David and CAFS Dean, Dr. Taylor.

**Franklin County K-12 School Open House**

*Apalachicola, FL*

FAMU Extension’s Vonda Richardson, Dr. Dreamal Worthen, Amelia Davis and volunteer, Laila Spinner, attended the Franklin County K-12 School’s Open House event in Apalachicola, FL, as part of a collaboration with Project Impact City of Apalachicola. This collaboration will sponsor 4-H Youth Development programs for afterschool programs sites at Project Impact and The Nest for the 2015-2016 school year.

FAMU Extension’s Associate Director, Mrs. Richardson, discuss academic programs with a potential future Rattler.
## 2015 FAMU CEP Calendar of Events

### January
- **January 15th** – Master Goat/Sheep Program and Master Farmer Online Registration starts – [http://www.famu.edu/goats](http://www.famu.edu/goats)
- Contacts: Mr. Gilbert Queeley – 850-412-5255
  Mrs. Angela McKenzie-Jakes - 850-875-8552

### February
- **Aquaponic Seminar**
  February 23rd, 6–8:00 pm- Fee: $20 early reg./ $25 day of Event
  Sponsored by Gadsden County Extension Office at the FAMU Teleconference Center
- **Vineyard Management & Pesticide Safety Workshop**
  February 11th– 1—4:30 pm at Center for Viticulture & Small Fruit Research. Call (850) 599-3996 to register.
  **Feral Swine Workshop**-February 13th in Ocala, FL; Feb 27th, Quincy

### March
- **FAMU CEP Master Farmer Program**
  March 13-14 and March 24-28
- **Feral Swine Workshop**- March 9th, Monticello, FL;
  March 26th– Marianna, FL

### April
- **FAMU CEP Master Farmer Program**- April 10-11 –POSTPONED
- **CROP Block Party**– FAMU Teleconference Center
  Date: April 15th - 9-3:00 pm. FAMU Teleconference Center

### May
- **FAMU CEP Master Goat and Sheep Certification Program**
  May 1-2
  May 15-16
  May 29-30
- May 7– 8th : HACCP Course

### June
- **FAMU CEP Spring Agri-Showcase** – Date: June 13th
  *Master Goat/Sheep & Master Farmer Programs Graduation
- **Ag Discovery Summer Program**– June 7-20, 2015
  Contacts: Dr. Mobley, Dr. Wright, Mrs. Lyttle-N’Guessan
- **2015 Master Goat and Sheep Certification Program**
  *Bonus Session* June 20th: 9– 4 pm

### July
- **2015 Master Goat and Sheep Certification Program**
  *Bonus Session* July 25th: 9– 4 pm
- **1890 Land Grant 125th celebration**- Washington, DC– July 13-17th
- **Ag Tech Century 21 Program**– July 12-17, 2015
  Contacts: Dr. Mobley, Dr. Wright, Mrs. Lyttle-N’Guessan
- **Agroforestry Seminar**– July 20th, 7:30 am—4:00 pm

### August
- **FAMU CEP Open House**– Perry Paige Courtyard/ Date: August 26, 2015– 9 a.m.– 1 p.m. (POSTPONED)
- **Grape Harvest Festival**– August 29, 2015
- **2015 Master Goat and Sheep Certification Program**
  *Bonus Session* August 15th: 9– 4 pm

### September
- **No events**

### October
- **October 3rd 10-4 pm**
- **North Florida Fair**- November 5-15, 2015
- **October 24– FAMU Extension Crop Field Day**

### December
- **EVENTS COMING SOON**
Save the Date!

October 3rd
Saturday 10-4

“Eye to the Future”

Food, crafts, music & family fun with an

Request vendor & sponsor forms:
FrenchtownMarketplace@gmail.com

FAMU Cooperative Extension will be there as a sponsor and exhibitor.
FALL CROP FIELD DAY

PROGRAM INCLUDES:
- Farm Tours
- Workshops/Seminars
- Crop Demonstrations

Free Event
Lunch will be served
On-site registrations starts at
8:00 AM

Saturday, October 24, 2015
8:00–4:00 PM
4259 Bainbridge Highway
Quincy, Florida 32359
Phone: 850-599-3546

Co-Sponsors:
FAMU Cooperative Extension Program
Wealth Watchers

If you require a reasonable accommodation pursuant to the Americans with Disabilities Amendment Act (ADAA), please contact the Office of Equal Opportunity Programs at (352) 392-2079 at least 10 working days prior to the start of the event.
Show Hours, Admission & Tickets

Show Hours 8:30a.m. to 5:00p.m. (Tuesday and Wednesday)
8:30a.m. to 4:00p.m. (Thursday)

Admission $10 per person / per day
Children 10 and under admitted free with parent

$20 for a multi-day admission ticket

74th Annual North Florida Fair
November 5-15 2015

For ticket and parking information, please log on to:
http://northfloridafair.com/

FAMU Cooperative Extension Program is scheduled to have exhibits at these events. Come out and support Florida A&M University.
Mrs. Vonda Richardson- Associate Director, FAMU Cooperative Extension Program
Ms. Amelia C. Davis- Editor- Cooperative Extension SDA Newsletter

Follow us on the web:

www.famu.edu/cep

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