

UGA Extension Meriwether County ANR E-Newsletter

September 30, 2016

REMINDERS

Important reminder for folks signed up for the **Calving Class** -the date has been changed to October 10th!

For those of you signed up for the **Egg Candling Class** don't forget that you must have a signed and notarized affidavit of legal residence to get your certificate. We can have the form notarized in our office.

The **Poultry Classes** start next Tuesday. You can sign up for any or all of the offered classes.

Information about all of the classes is further below in the e-newsletter.

LIVESTOCK and FORAGES

This article is a reprint from the July 18th e-newsletter but the information may be even more critical now since the drought has continued.

Potential Hay Replacement Rations

UGA Beef Specialist, Lawton Stewart, spoke at the Cattlemen's meeting July 12th on potential hay replacement rations for cattle. Here's what he had to say:

What if hay is not available? The key is to develop a ration that meets the nutrient requirements of the cows.

- The stage of production of your herd is critical to knowing exactly what to feed.
- Table 1 lists some example rations to use for different stages of production.
- Consider early weaning to reduce the nutrient requirements of the brood cows.
- Utilize a roughage source such as wheat straw, cottonseed hulls, crop residue, grazing drought stressed crops, gin trash.
- Examples of **energy** and/or byproduct feed include: grains such as corn, oats, etc., soybean hulls, citrus pulp, wheat middlings, hominy.
- Examples of **protein** feed include: soybean meal, cottonseed meal, corn gluten feed, dried distillers grains, whole cottonseed

Is buying hay the economic choice?

- ALWAYS, ALWAYS, ALWAYS ask for a forage analysis and/or test the hay before purchasing it. If not, you may be paying a premium for something that will not meet the requirements of your cows.
- Take into consideration the cost of the supplement AND hay.

- Also, take into consideration the method of feeding hay. **If hay is not fed in a ring or other way to minimize lost, hay losses can be as high as 30%, or more.**
- Table 2 compares the cost of buying hay versus feeding a hay replacement diet
- Note that if hay is being wasted, it is more economical to buy a replacement ration. This point is not necessarily to steer you towards the feed but to show the value of proper handling of purchased hay

Table 1. Necessary percentages for Hay and Hay replacement rations.

Ingredient	Dry Cow	Early Lactation	Late Lactation or Late Gestation
	----- % of ration -----		
Fair Hay (485 TDN, 7% CP)	60	30	45
Energy and/or byproduct feed	40	45	45
Protein Source	--	25	10

Table 2. Cost of Hay replacement ration and comparison to feeding hay.

Ingredient	\$/ton	Hay, % of intake	Hay Replacement Ration, % of intake
	Fair Hay (48% TDN, 7% CP)	\$100	100%
Gin Trash	\$65		60%
Soybean Hulls	\$180		20%
Corn Gluten Feed	\$185		20%
Daily Intake, lbs		25 lbs	25 lbs
Cost/cow			
0% hay wasted		\$1.25/hd	\$1.39
10%		\$1.39/hd	
20%		\$1.56/hd	
30%		\$1.79/hd	

Cattle Parasite Control

The [UGA Veterinary Teaching Hospital](#) has a really good article “Parasite Control in Southeastern Cattle Herds” by Sydney Crosby, DVM and Brent Credille, DVM in the September issue of their Beef and Dairy Cattle Newsletter. In a study done at UGA, the correct use of dewormers had a big impact on cow pregnancy rates at two 100 cow farms. On the farm where dewormers were used the pregnancy rate was 97%. On the

farm where dewormers were not used the pregnancy rate was 75%. The difference in profit for the two farms was \$14,300.

Their recommendations for Deworming Cattle on a Cow-calf Operation are below:

- Market Calves
 - Deworm 2-4 weeks prior to weaning
 - Use combination white paste dewormer (Synanthic, Safequard, Valbazen) and injectable dewormer (Dectmax, Cydectin, Ivomec)
- Replacement Heifers
 - Deworm 2-4 weeks prior to weaning
 - Use combination white paste dewormer (Synanthic, Safequard, Valbazen) and injectable dewormer (Dectmax, Cydectin, Ivomec)
 - Deworm prior to breeding
 - Use combination white paste dewormer (Synanthic, Safequard, Valbazen) and injectable dewormer (Dectmax, Cydectin, Ivomec)
 - Deworm prior to calving
 - Use injectable dewormer (Dectmax, Cydectin, Ivomec)
- Mature Cows
 - Deworm prior to calving
 - Use injectable dewormer (Dectmax, Cydectin, Ivomec)
 - If deworming prior to calving is not possible , deworm during midsummer
 - Leave 10% of the heaviest cows untouched with dewormer to slow resistance development
 - Use injectable dewormer (Dectmax, Cydectin, Ivomec)
- Bulls
 - Deworm prior to breeding season at time of breeding soundness exam
 - Use injectable dewormer (Dectmax, Cydectin, Ivomec)

To sign up to receive the **UGA Veterinary Teaching Hospital Cattle Newsletter "From the Field"** please visit: <http://uga.us2.list-manage1.com/subscribe?u=a7232f648af4b301fc3952a04&id=c7bd0e24be>

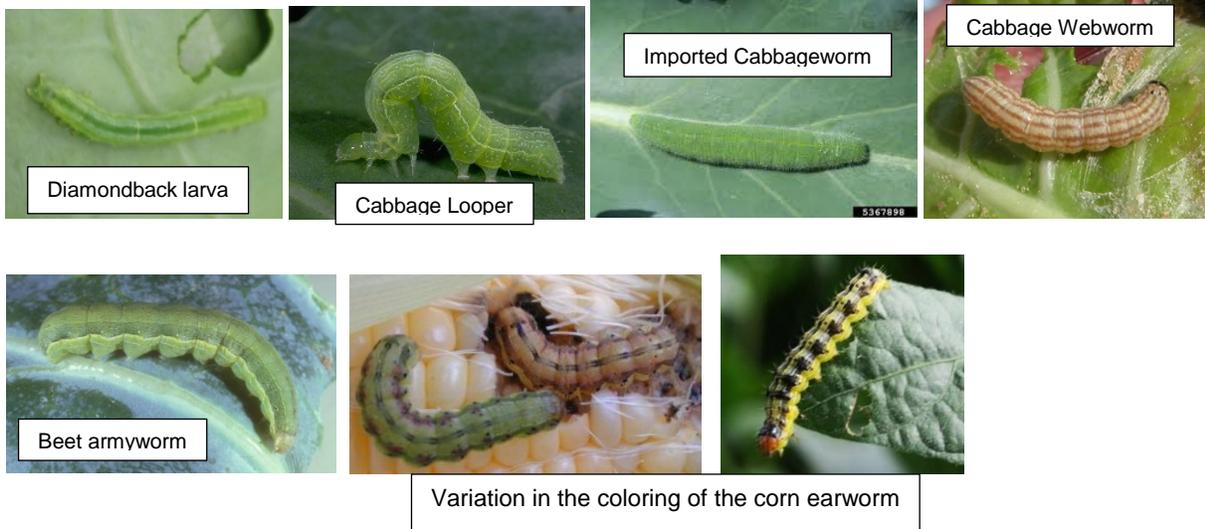
PESTS OF THE WEEK

If you have started planting a fall garden you probably have brassicas in it. There are a number of lepidopteran (butterflies and moths) pests that love cabbage, collards, kale, broccoli and other greens. The larva of the diamond-back moth (*Plutella xylostella*) is especially fond of collards and it is the number one world-wide pest of this crop. It is known to have developed resistance to multiple insecticides here in Georgia so management in commercial production can be difficult. Also found on brassicas are the imported cabbageworm butterfly (*Pieris rapae*), the cabbage looper (*Trichoplusia ni*), the cabbage webworm (*Hellula rogatalis*) and occasionally some of the armyworms and the corn earworm. Although the diamondback moth is the most serious of these pests,

one diamondback caterpillar does much less damage than some of the other caterpillars because it is much smaller. A last-instar diamondback larva will be around ½ inch long. The other caterpillar species will be from 1-2 inches long.

Since this has been a really bad year for insect pests I am expecting to see lots of caterpillars on brassica crops. While scouting cabbage plants last week a grower and I found corn earworms, diamondback moth larvae and beet armyworms in high numbers. Insecticides recommended for these pests are *Bacillus thuringiensis* (Bt), spinosad, numerous pyrethroids and esfenvalerate. Scout weekly looking on the underside of the leaves and in the crown of the plants. For a complete list of insecticides please visit: <http://www.ent.uga.edu/pest-management/GA-Pest-Management-2016-Home-VEGETABLE.pdf>

While working with commercial collard growers in SC I created a lepidopteran pest scouting guide. If you are interested I can email you a pdf copy.



4-H Project S.A.F.E.

Modified Trap (Shotgun) Team-Meriwether County Skills for Life - Activity for a Lifetime

Practice for the Meriwether County 4-H Shotgun Team will begin in January, 2017. Any student in the 7th-12th grade can participate in either the Junior or Senior Division. For more information about joining the shotgun team please contact Terry Strickland at 706-881-2414 or tstrickpig@aol.com. For general information about Project Safe please visit: <http://www.georgia4h.org/safe/disciplines/shotgun.htm>

LIVESTOCK and FORAGES

Calving Techniques Class

Presented by [Dr. Lee Jones](#), UGA College of Veterinary Medicine
October 10th starting at 6:30 PM

Lemmon Cattle Enterprises at 16810 Woodbury Hwy, Woodbury, GA 30293

Lee will be teaching simple calving-difficulty assistance techniques. **He will also talk about lambing and kidding difficulties for those who are interested, so small ruminant folks should attend also!** Coffee, drinks and snacks will be available. This class is free.

To pre-register please call our office at 706-672-4235 or for more information please contact Susan James at scj24262@uga.edu

POULTRY

Backyard Poultry Flock Management Program

Tuesday, October 4th from 7:00-8:30 PM

Dr. Casey Ritz, UGA Poultry Science Department
Basic Management, Breed Selection, and Disease Prevention

Tuesday, October 11th from 7:00-8:30 PM

Dr. Brian Kiepper, UGA Poultry Science Department
Meat Chicken Processing and Food Safety

Tuesday, October 18th from 7:00-8:30 PM

Dr. Claudia Dunkley, UGA Poultry Science Department
Bird Behavior, Housing and Management, Layer Production

Bogle Farms

1785 Harman Road
Greenville, GA, 30222



Cost:

\$20 for attending all 3 classes (includes all course materials and a certificate, if all classes are attended)

\$10 per single session class (includes course material but no certificate)

Coffee, drinks and snacks will be available.

To register please contact the Meriwether County Extension office at 706-672-4235 or uge2199@uga.edu

As a follow up to the Poultry classes, Brian Maddy, ANR Agent for Troup County, will be teaching a class on chicken coop design in November, tentative date of the 29th. I will keep you posted...

Egg Candling Class

Friday, October 7th from 10:00 AM-3:00 PM

Georgia Department of Agriculture: **Ben Pitts**, Instructor

Manchester Public Library Meeting Room

218 Perry Street ~ Manchester, GA

If you plan to sell your eggs to individuals, or at a farmers market, an egg candling certificate from the Georgia Department of Agriculture is required. The class will last about four hours, including one hour of classroom instruction, followed by a written examination and a hands-on candling examination. There will be a one-hour lunch break on your own. The class is free and open to any interested Georgia resident.

To pre-register for the class and **to get a copy of the required affidavit of lawful presence**, please call the Meriwether County Extension office at 706-672-4235. If you have any questions please contact Susan James at scj24262@uga.edu or Ben Pitts at Benjamin.Pitts@agr.georgia.gov

USDA

The USDA NASS released the 2016 statistics for Georgia Small Grains today. You can access them at: https://www.nass.usda.gov/Statistics_by_State/Georgia/Publications/Crop_Releases/

The USDA NRCS Weekly Water and Climate Update is available at: <http://www.wcc.nrcs.usda.gov/ftpref/support/drought/dmrpt-20160929.pdf>

HOW'S YOUR INTERNET SERVICE?

UGA Extension has been asked to help get residents in rural Georgia to complete a survey about the availability of high speed internet. The survey is part of a study being conducted by the Carl Vincent Institute of Government for the Georgia General Assembly.

The goal is to get rural Georgians to visit the website <http://broadband.georgia.gov/> to:

1. View what access is currently reported as available in their area;
2. Perform a recorded speed test if they currently have broadband access; and,
3. Complete a brief survey about broadband availability at their home and/or business.

LOCAL MARKET

Strickland Brothers Farm has seed for sale.

Rye: 50 lbs. for \$16.00

Ryegrass: 50 lbs. for \$20.00

You can contact Terry at 706-881-2414

OTHER COMMUNITY EVENTS

International Professional Rodeo Association Southeast Region Finals Rodeo at Quercus Farms

October 14th and 15th 8:00 PM

Flat Shoals Road, Gay Georgia 30218

The rodeo benefits veterans through RACE FOR THE WOUNDED:

<http://raceforthewounded.com/>

Tickets go on sale Oct 1st

Tickets are \$12; 6 and under free

Get advanced tickets at Shady Days in Gay Arts and Craft Festival on Oct 1st & 2nd for only \$10

Come ride a horse before the show. Bring the kids to have their face painted. Lots of food and fun so don't miss out. Gates open at 6 and the action (bareback and saddle bronc riding, barrel racing, bull riding, roping and steer wrestling) starts at 8. Free parking and plenty of bleacher seating will be available.

For more information contact:

Susan Pritchett, SRF Representative, at 678-603-0038 or susan@srfrodeo.com or

visit: <http://www.srfrodeo.com/>

Great American Clean-Up in Meriwether County

Volunteers Needed

Saturday, October 22nd 8:00 AM-4:00 PM

It's time to start signing up again! Help Keep Meriwether Beautiful by cleaning up trash around your home or business on this day.

We have sign-up forms on our table outside our office or you can contact me at scj24262@uga.edu and I will email them to you.

Local Festivals in October

The Cotton Pickin' Fair

October 1st and 2nd in Gay

www.cpfair.org

Shady Days

October 1st and 2nd in Gay

<http://www.shadydaysingay.com/>

Annual Harvest Hoe Down Festival

October 8-9th in Warm Springs

<http://www.warmspringsga.us/harvesthoedownoctober.htm>

Railroad Days

October 15th Manchester

<http://manchester-ga.gov/event/manchester-ga-railroad-days/>

19th Annual Hogansville Hummingbird Festival

October 15-16th in Hogansville

<http://www.hummingbirdfestival.com/festival-season-events.html>

Fala Day

October 29th at the Little White House in Warm Springs

<http://www.stcga.biz/faladay>

I hope everyone enjoys the fall weather this weekend,

Susan