

Forsyth Livestock News

Winter 2016/17

Forsyth County Extension
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Veterinary Feed Directive (VFD) Begins 12/31/2016

Any “medically-important” antimicrobial drug intended for use in animal feed will need a veterinary feed directive (VFD) from your veterinarian beginning January 1, 2017. Producers will need a WRITTEN (fax, electronic or hardcopy) authorization from a licensed veterinarian (in the state where your cattle are being fed) that has an established Veterinarian-Client-Patient Relationship (VCPR) with you. You will give an original signed VFD to the feed mill/distributor supplying the VFD feed (the veterinarian also keeps an original). VFDs will have an expiration date. Examples of affected drugs include:

- Aureomycin
- Neomycin
- Tylosin
- Virginiamycin
- Chlortetracycline
- Oxytetracycline

There will be NO extra-label drug use in feeds (ie. you can only use these drugs as intended on their labels).

Let me know if you need a recommendation for a large animal veterinarian.

References:

<http://www.cattlenetwork.com/advice-and-tips/cowcalf-producer/here-are-practical-answers-your-vfd-questions>

[http://www.fda.gov/AnimalVeterinary/DevelopmentApprovalProcess/
ucm449019.htm](http://www.fda.gov/AnimalVeterinary/DevelopmentApprovalProcess/ucm449019.htm)

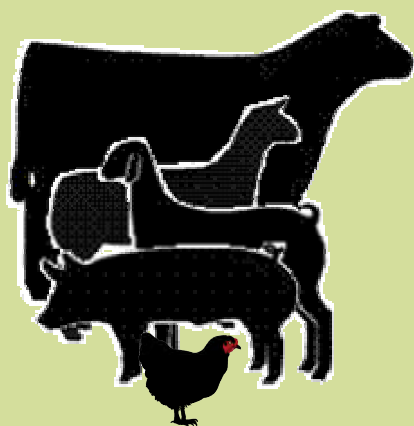
April W. Bowman

April Bowman
Extension Agent,
Livestock, Forages and
4-H Youth Development



NC State University
A&T State University
**COOPERATIVE
EXTENSION**

Empowering People • Providing Solutions



Hay Shortages; Obtain Winter Feed Needs NOW

Written by: Dr. Matt Poore, NC Cooperative Extension Service

Edited by: April Bowman, NC Cooperative Extension Service, Forsyth County

Livestock Producers in Western North Carolina have been impacted by the worst drought in recent years. Forsyth County was under a moderate drought for most of November and the available forage in pastures has been eaten, forcing producers to start feeding hay early. It is critical that farmers with livestock determine how much hay or other feeds they will need to make it through the winter and to obtain it soon. To determine how much hay is needed farmers need to inventory the number of animals they have and their average weight, as well as know what your average hay bale weighs.

of cows X cow's weight X dry matter (DM) intake per day % X number of days = feed (DM) needed

DM Needed / feed DM % = Feed needed (As-Fed)

Feed needed (As-Fed) / Bale Weight = Bales Needed

You need to take into account storage and feeding losses of hay too. In addition, the quality of your forage affects your formulas. We have a hay probe that is available here at the office for you to borrow if you need to test your hay (you provide your own cordless drill). The Extension Center has a more complex formula that they can utilize to help you calculate your hay needs for cattle. Email April Bowman at awbowman@ncsu.edu or call 336-703-2855 to schedule an appointment to determine your needs.

There are several tools that can be used to locate hay and other feeds including the Hay Alert website maintained by the North Carolina Department of Agriculture and Consumer Services (<http://www.ncagr.gov/hayalert>). This website can be used to advertise hay for sale and producers can also use it to advertise that they need hay. There also are listings of trucking companies available to help move hay. If you need help using this tool your Cooperative Extension Livestock Agent can also help you with that.

It is time to take more extreme steps to manage the situation. First, you need to pull animals from pastures to avoid over grazing once a critical grazing height has been reached (2 inches high). Second, there should be a good culling plan. We need to make sure that all open animals, old stock, and any animals with significant defects are sold once you have to start feeding hay. Even though the cow market is not strong right now, it still does not make sense to keep these lower value animals because doing so will be at the expense of the production of the younger and more valuable cattle.

Next, the producers need to obtain their winter feed supply. This will involve determining the number of breeding age females, yearlings, and mature males they will maintain, estimating their total hay need, and inventorying the feed on hand. This approach will allow the producer to have a good idea of how much feed they need so they can get it bought early in the event when it can be found closer to home and at a more reasonable price. We have a ration balancer that we can utilize to help ensure that you are meeting your needs for your cattle.

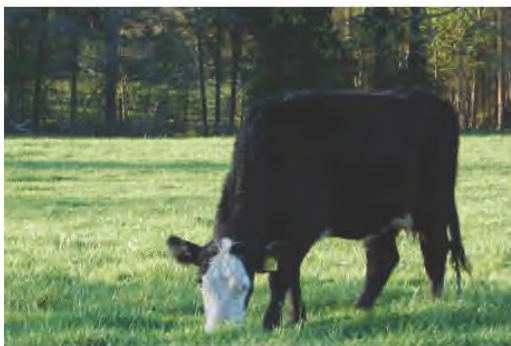
Additionally, it is critical to mention that livestock need to be managed well just like they are during good times. You should be aware of critical body condition scores, make sure they have access to a good mineral program, have access to high quality drinking water, and get animals off pasture as much as possible to keep them from severely overgrazing the land.

Finally, be aware that it will be several years before pastures recover enough to support the number of animals you had before the drought hit. Sometimes, pastures will be hurt bad enough that they need to be renovated, so in those situations you need to plan on planting a summer annual on the land and then come back with perennial forages, like tall fescue, once the planting time comes in late summer.

Piedmont Regional Beef Conference

Thursday, March 2, 2017

Chatham County Agriculture & Conference Center • 1192 US Hwy 64W Business, Pittsboro, NC 27312



- 9:30 a.m. Registration and Trade Show Opens
- 10:30 a.m. “Utilizing Breeds for Improved Herd Performance and Productivity”
Jason Duggin, University of Georgia Beef Extension
- 11:15 a.m. “Feeding to Increase the Quality, Consistency, and Competitiveness from Market Cows”
Part I- Market Cow Evaluation
Dr. Dale Woerner, Colorado State University
- 12:00 p.m. Lunch/Trade Show
- 1:00 p.m. “What Works for Us”- Producer Panel on Various Topics
- 2:00 p.m. Break/Trade Show
- 2:30 p.m. “Feeding to Increase the Quality, Consistency, and Competitiveness from Market Cows”
Part II – Beef Cutting Demo
Dr. Dale Woerner, Colorado State University
- 3:45 p.m. Break/Trade Show
- 4:00 p.m. “Understanding Humane Euthanasia of Cattle”
Dr. Harrison Dudley, NC State University
- 4:30 p.m. Beef Quality Assurance Guidelines & Certification (Optional)
*Cost: \$15 for current NCCA members, \$40 for non-members *Payment due on-site (check to NCCA)*
- 5:30 p.m. Adjourn

**In Case of Inclement Weather Please Call
919-542-8203**

Piedmont Regional Beef Conference Registration Form

Name: _____

Address: _____

City/State/Zip: _____

Phone/Cell: _____

Email: _____

*Are you interested in Beef Quality Assurance Certification? _____ Yes _____ No

Pre-Registration Fee (Before February 16, 2017): \$15.00 (**Non-Refundable**)

At the Door: \$20.00

Number Attending: _____ Amount Enclosed: _____

Name(s) of Additional Participants: _____

Make check payable to: Caswell County with Regional Beef Conference in subject line

Send Registration to:

Caswell County Cooperative
Extension

P.O. Box 220

Yanceyville, NC 27379-0220

**For more information: Call
April: 336-703-2855**

Email: awbowman@ncsu.edu

Persons with disabilities and persons with limited English proficiency may request accommodations to participate in activities mentioned. Please contact the Chatham County Extension Office at 919-542-8202 during business hours at least 3 days prior to the event to discuss accommodations.

FORAGE - Profit - SEMINAR

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Tuesday, January 17th

Person Co. Extension Office
304 S. Morgan Street # 123
Roxboro, NC 27573
9am-2pm

Guest Speaker: Dr. Jennifer Tucker

Wednesday, January 18th

Iredell Co. Extension Office
444 Bristol Drive
Statesville, NC 28677
9am-2pm

Guest Speaker: Dean Askew



As Superintendent of Butner Beef Cattle Field Labs, Dean wears many hats. He works alongside his employees to oversee a cow/calf, stocker, and bull test operation that are constantly in research trials. His unique understanding of pasture management and renovation, along with stored forage production is built from 31 years of experience at the research station.



Currently an Assistant Professor at University of Georgia, Dr. Tucker finds her focus on improving beef cattle nutrition, forage quality, and extending the grazing season in the Southeast. She has worked extensively with novel endophyte fescue as well as interseeding alfalfa into bermudagrass. She earned her PhD at the University of Kentucky, and has worked in the southeast for the last 4 years.



Paige was born and raised on a row crop farm in eastern North Carolina. She found her passion in animal agriculture while attending NC State University. She continued on at NC State to earn her Masters of Science in Animal Science from NC State. Paige joined the Southeast Agriseeds team in August of 2016 after defending her thesis on clover establishment methods into perennial pasture.

Southeast
AGRISEEDS LLC



Helping you optimize productivity on every acre!

RSVP by
January 10th to:

Paige Smart
Regional Support Manager
(910) 309-0931
PaigeSmart@SoutheastAgriseeds.com

Ashley Umble
Customer Relations
(717) 687-6224
AshleyUmble@SoutheastAgriseeds.com

Amazing Grazing™

Pasture-Based Livestock Education Program



Winter Forage Management Workshop

January 10, 2017

OR

January 11, 2017

Beaver Creek Farm

Circle D Beef

Mike and Jean Jones

Oscho and Eric Deal

593 Johnny Bowman Road

350 Saw Road

Mt. Airy, NC 27030

China Grove, NC 28023

1:00-3:30 PM

12:00 PM Lunch (\$5/person)

Program 1PM-3 PM

To register contact:

To register contact:

Surry Cooperative Extension

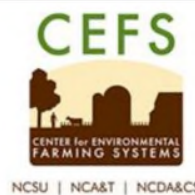
Rowan Cooperative Extension

336-401-8025

704-216-8970

Workshop Agenda

- Update on the Conservation Innovation Grant Project
- Extending the Grazing Season—Stockpiling and Annuals
- Frost seeding clover
- Forage management to improve soil nutrient distribution
- Introducing warm season grasses into fescue systems



Partially Supported by USDA-NRCS Conservation Innovation Grant #693A75-14-251

Regional Goat & Sheep Producer Training

Thursday, January 26, 2017

Guilford County Extension Office, 3309 Burlington Road, Greensboro, NC 27405

Agenda

- 1:30 pm Registration- Fee is \$10/Person, Pay at the Door, RSVP by January 17th is Requested
- 2:00 pm Opening Session- Understanding Grazing Management, Toxic Weed ID, and Forage Selection
Sam Groce, County Extension Director, Chatham County
- 3:00 pm Break
- 3:15 pm Concurrent Sessions (Please Choose One to Attend)
- Fundamentals of Fencing
Carl Mitchell, Livestock Extension Agent, Stokes County
 - Who is Making Me Money? (Production Records) & Introduction to Fecal Egg Counting
Sara Beth Routh, Livestock Extension Agent, Randolph County
 - Understanding Proper Use of Medications, Vaccinations, & Veterinary Feed Directive
Dr. Harrison Dudley, NCSU Veterinary Medicine
- 4:15 pm Break
- 4:30 pm Closing Session
Are you ready for lambing and kidding season? (Lambing and Kidding Issues)
Dr. Jesi Leonard, Scarlett Mobile Large Animal Services
- 5:30 pm Wrap-Up and Adjourn



Pre-Registration is Required by 1/17: <http://go.ncsu.edu/2017goatsheeptraining>

This training is brought to you by:

Questions? Contact:



April Bowman
awbowman@ncsu.edu
336-703-2855

TURNING GRASS INTO CA\$: Opportunities in Grassland Agriculture



The American Forage and Grassland Council annual meeting will be held in Roanoke, Virginia January 22-25, 2017. Topics include:

- Marketing Grass-fed Livestock
- Soil Health and Biology
- Mob Grazing
- Regeneration
- Economics
- Annual Forages
- Restorative Grazing

Visit http://www.afgc.org/annual_conference.php for registration information and a complete agenda. As always, we are happy to mail registration information to you upon your request.

Animal Units = AU

1 beef cow = 1 AU	Alpaca = .075 AU (13 alpacas = 1 AU)
1 bull = 1.5 AU	Llama = .1 AU (10 llamas = 1 AU)
1 yearling steer = 0.5 AU	Sheep = 0.2 AU (5 sheep = 1 AU)
1 dairy cow = 1.4 AU	Goat = 0.12 to 0.2 AU (depends on breed) (5-8 goats = 1 AU)
1 Horse = 1.27 AU	

Figure 25 pounds of hay per day per animal unit (assuming good quality hay, with less than 10% waste)

Winter Forage Calendar

(from “Production and Utilization of Pastures and Forages in North Carolina”
by Chamblee, D.S. and Green, J.T.)

January

- Sample all hay (not already sampled). We have a hay probe available for you to use (you need your own cordless drill).
- Feed hay stored outside before feeding hay that is covered.
- Feed lactating cows the best quality forages.
- Cross-fence or subdivide your fescue pastures so that you have 4-6 cows/acre.
- Don't allow cattle to over-graze. Consider creating a sacrifice area (drylot, woodlot, or pasture scheduled for renovation) where cattle loaf when pasture growth is insufficient. Provide shade, water and supplemental feed her to reduce treading damage in pastures.

February

- Apply Nitrogen to cool-season grasses to stimulate early spring growth.
- Overseed inoculated legumes (clover, alfalfa, etc.) into well-grazed (less than 2”), well limed (according to soil test results) grass pastures with less than 25% legumes (optimal is 35-45%).

COMING EVENTS



Jan 2	Office Closed
Jan 16	Office Closed
Jan 17	RSVP to Sheep & Goat Field Day, http://go.ncsu.edu/2017goatsheeptraining
Jan 22-25	American Forage and Grassland Council Meeting, Roanoke, VA
Jan 26	Piedmont Regional Sheep/Goat Field Day, Guilford CES
Jan 28	Livestock Judging in January, NCSU Beef Unit
Jan 30	Weekly Equine Series, Guilford Cooperative Extension, 7 PM Pasture/Grazing Management, Dr. Paul Siciliano, NCSU
Feb 6	Weekly Equine Series, Guilford Cooperative Extension, 7 PM General Horse Health Care/Equine Veterinary Care, Dr. Chelsey Miller and Dr. John Parks, Iron Will Mobile Vet
Feb 7	Forsyth Livestock Producer Meeting, 6:30 PM, Animal Nutrition, Allie Yokley Roth, Davis Feeds and Purina Nutrition
Feb 8-9	Pesticide School (for new licenses); https://pesticidesafety.ces.ncsu.edu/
Feb 11	NC Angus Annual Meeting, Forsyth Extension
Feb 13	Weekly Equine Series, Guilford Cooperative Extension, 7 PM Water Issues on the Farm, Waste Regulations & Manure Management, Erosion Control, Putting in Heavy Use Areas, Water Runoff & Fencing
Feb 16	Registration for Regional Beef Field Day RECEIVED by Deadline
Feb 20	Weekly Equine Series, Guilford Cooperative Extension, Mylar Bits & Biting Demonstration, Dale Myler, MO; 6:30 PM
Feb 23-25	NC Cattlemen's Conference, Hickory
Feb 27	Weekly Equine Series, Guilford Cooperative Extension, 7 PM Alternative Equine Medicine, Equine Chiropractic & Acupuncture, Dr. James Meyer, Neuse River Equine Hospital
Feb 28	Clover Classic 4-H Livestock Show Entries Due
March 2	Piedmont Regional Beef Conference, Chatham County
March 3	4-H Plant Sale Orders RECEIVED By (look for a mailing)
March 4	4-H Livestock Showmanship Clinic (Beef Cattle & Sheep), Tarboro, NC
March 6	Weekly Equine Series, Guilford Cooperative Extension, 7 PM Fencing, Supplies & Equine Nutrition, Davis Feed & Purina Equine Nutrition
March 7	Forsyth Livestock Producer Meeting, 6:30 PM, Animal Vaccination, Dr. Mark Alley, Zoetis Animal Health
March 8	NC Forage and Grassland Council Meeting, Wilkes County
March 13	Weekly Equine Series, Guilford Cooperative Extension, 7 PM Equine Lameness, Dr. Scot Pleasant, Virginia Tech
March 18 & 19	Clover Classic 4-H Livestock Show, Winston-Salem Fairgrounds
March 20	Weekly Equine Series,, 7 PM Question & Answer, Hosted and Held at Carolina Equine Hospital