

# Forsyth Livestock News

**What:** Soil Microbiology Workshop

**When:** Thursday October 26, 2017 6:00-8:00 pm

**Where:** Forsyth Cooperative Extension, 1450 Fairchild Rd. Winston-Salem, NC 27105

**Who:** Market Gardeners, Livestock Farmers, Row Crop Farmers, Community and Home Gardeners

Learn why a healthy soil ecosystem is important for growing successful gardens, crops and pastures.

Nathan Lowder, NRCS Southeast Regional Soil Health Specialist will discuss soil health principles and how to apply these as practices to develop, protect and maintain soil health. Steve Woodruff, NRCS Agronomist will demonstrate how increased soil organic matter can be a strategy for resilience and profitability using the rain fall simulator. Learn steps for establishing and supporting healthy soil life. Maintaining soil health can help growers reduce pest problems and therefore reduce the amount of pesticide use. Cost savings will add to a grower's profitability.

Microscopes will be set up for participants to view their own soil samples. Bring a quart sample of your soil for testing. The following pesticide categories and credits will be offered through this workshop: 2 Credits in D,N,O,and X. Please bring your bring your pesticide license number to class.

**Free** to attend, but registration is required. To register call [336-703-2850](tel:336-703-2850) or email [coop-ext-registration@forsyth.cc](mailto:coop-ext-registration@forsyth.cc).

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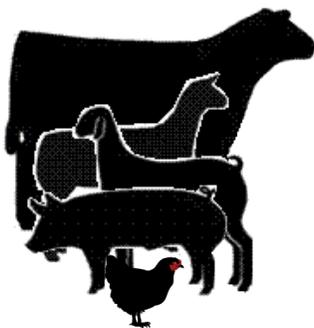
**2018 Winter Conference**

**Livestock Judging/Skillathon**

**Soil Samples**

**Weed Id**

**Food Grade Totes** - If you are interested in food grade water totes (275-300 gal) please email Mary Jac Brennan at [mjbrenn2@ncsu.edu](mailto:mjbrenn2@ncsu.edu) or call 336-703-2869. If you have a flatbed trailer and would be willing to pick up a load and deliver them to the office please let her know.



**Forsyth County Center  
County Agriculture Building  
1450 Fairchild Drive  
Winston-Salem, NC 27105  
336.703.2850**

**April W. Bowman  
Extension Agent;  
Livestock, Forages and  
4-H Youth Development  
[forsyth.cc/CES/Livestock.aspx](http://forsyth.cc/CES/Livestock.aspx)  
336.703.2855  
[awbowman@ncsu.edu](mailto:awbowman@ncsu.edu)**



NC State University and N.C. A&T State University are collectively committed to positive action to secure equal opportunity and prohibit discrimination and harassment regardless of race, color, national origin, religion, political beliefs, family and marital status, sex, age, veteran status, sexual identity, sexual orientation, genetic information, or disability. NC State, N.C. A&T, U.S. Department of Agriculture, and local governments cooperating. Accommodation requests related to a disability should be made at least 10 days prior to the event by contacting Will Strader, County Extension Director, at (336) 703-2850 or by email at [William\\_Strader@ncsu.edu](mailto:William_Strader@ncsu.edu).



## **OCTOBER 28, 2017**

### **NC BEEF CATTLE FIELD DAY**

The station tours, starting at 9:30am, will provide an overview of livestock and forage research being conducted within the NC Beef System. There will be 3 tour stations in the morning at various locations on the Upper Piedmont Research Station. The Focus on Feed Efficiency Station will discuss feed efficiency, sorghum silage and heifer breeding soundness exams. The Winter Feeding Area will discuss winter feeding, stockpiling Tall Fescue and soil health. The Forage Systems/Tall Fescue Station will cover the selection of annuals, converting toxic fescue to non-toxic fescue and identifying fescue tolerant animals. Following lunch, producers will have an opportunity to learn about the various pathways to NC State University. To conclude the event, we will have a heifer sale (10 open Angus heifers, 10 open commercial heifers, 2 bred commercial heifers, 5 bred Senepol commercial heifers and 2 bred Angus cows). You will also have the opportunity to become BQA Recertified.



**Registration  
begins at 8:00am**

**Tours start at  
9:30am**

**Lunch at 12:30pm**

**Heifer Sale at  
1:30pm**

**BQA  
Recertification  
Test following the  
Sale**

**Tour Stops  
Include:**

- **Focus on Feed Efficiency**
- **Winter Feeding Area**
- **Forage Systems/Tall Fescue**

**UPPER PIEDMONT  
RESEARCH STATION**  
1944 WENTWORTH STREET  
REIDSVILLE, NC 27320-7302  
PHONE: (336) 349-8347

## Amazing Grazing Workshop

November 11, 2017, 10 AM—3 PM  
Butner Beef Cattle Field Lab, 8800 Cassam Road Bahama, NC

Topics include proper operation of agricultural sprayers and spreaders, handling pasture chemicals safely, soil sampling techniques, principles of pasture improvement, Cost \$10 (payable at the door with cash or check). Visit

<http://go.ncsu.edu/amazing-grazing-workshop> to register.



## Rabies Vaccination

State Veterinarian Doug Meckes is encouraging North Carolina livestock owners to consider having their animals vaccinated against rabies.

“This year we have seen five cases of rabies in livestock,” Meckes said. “Horses, cattle and goats are naturally curious animals, which puts them at risk for a bite if a rabid animal gets through their fence line.”

North Carolina averages about five livestock rabies cases per year. It is transmitted primarily in saliva through a bite. Livestock infected with rabies usually appear depressed, have a lack of appetite; difficulty eating, drinking or swallowing; profuse salivation; blindness; head pressing; circling; vocalization; fever; strained defecation; increased sexual excitement or activity; limp tail, anus, or tongue. Constant yawning, itching or nibbling may be a sign of rabies, too.

Rabies can be associated with neurological problems such as incoordination, decreased muscle tone and reflexes, shifting lameness, or partial-to-complete paralysis. Horse owners should be aware that rabies can often mimic symptoms of colic in horses.

The incubation for rabies is between two weeks and six months. Once symptoms appear, the disease is almost always fatal.

Other ways to protect yourself and animals:

- Do not feed or attract wildlife to your yard or try to capture wild animals.
- Call your local animal control if you notice a nocturnal animal out during the day and demonstrating strange behavior such as no fear of humans or aggressive behavior.
- If you hunt, use gloves while skinning animals, particularly when handling nerve tissue or organs.
- If you are scratched or come into contact with the saliva of an animal you suspect was rabid, seek medical attention immediately.

Livestock owners should discuss with their veterinarians about the risk of rabies in their area and preventive vaccinations. If you need help finding a veterinarian contact our office.



# NCSU Equine Grazing and Pasture Management School

*Presented by*

NC Forage and Grasslands Council, NC Horse Council, Amazing Grazing and  
NC State Extension

Saturday 2 December 2017

8:30 AM to 5 PM

NCSU Beef Educational Unit 3720 Lake Wheeler Rd Raleigh NC 27603

*For more information contact: paul\_siciliano@ncsu.edu*



## Topics

- Learn to improve horse health through sound grazing management
- Learn the latest principles and practices of pasture management/renovation
- Live demonstrations and multiple opportunities for hands-on training

***One-half day of lecture + one-half day of hands-on-training***



**NC STATE**  
EXTENSION

**Amazing Grazing™**  
Pasture-Based Livestock Education Program



NCSU | NCA&T | NCDA&CS



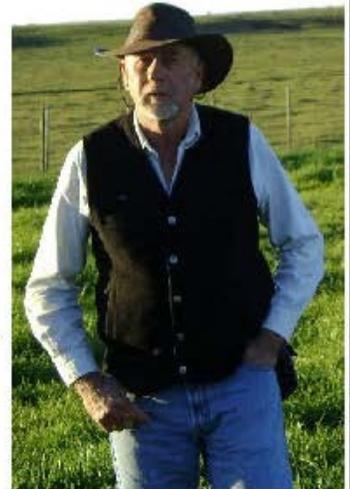


# The North Carolina Forage and Grassland Council 2018 Winter Conference Series

## *“Forage Systems for the Future”*

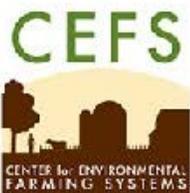
featuring Jim Gerrish

Jim Gerrish is an independent grazing lands consultant providing service to farmers and ranchers on both private and public lands across the US and Canada. He currently lives in the Pahsimeroi Valley in central Idaho and works with numerous ranchers across the US and Canada using both irrigated pastures and native rangeland as well as working in the high natural rainfall environments of the eastern US. He received a BS in Agronomy from the University of Illinois and MS in Crop Ecology from University of Kentucky. His past experience includes over 22 years of beef-forage systems research and outreach while on the faculty of the University of Missouri. The University of Missouri-Forage Systems Research Center rose to national prominence as a result of his research leadership. His research encompassed many aspects of plant-soil-animal interactions and provided a foundation for many of the basic principles of Management-intensive Grazing.



The years he spent in Missouri, he stayed in touch with the real world on a 260-acre commercial cow-calf and contract grazing operation. In this setting, he took a worn out marginal crop farm and converted it to a highly productive grass farm. After the move to Idaho, Jim keeps his day-to-day grazing tools sharp through management of a ranch unit consisting of 450 center pivot irrigated acres, 90 acres of flood ground, and several hundred acres of rangeland.

He has written a regular monthly column in The Stockman Grass-Farmer magazine for over 12 years. He has authored two books on grazing and ranch management. Management-intensive Grazing: The Grassroots of Grass Farming was published in 2004 and Kick the Hay Habit: A practical guide to year-around grazing was published in 2010.



NCSU | NCA&T | NCDA&CS

### Dates and Locations:

- January 22: Lois G. Britt Agricultural Service Center, Kenansville
- January 23: Silk Hope Community Building, Siler City
- January 24: Rowan County Extension Center, Salisbury
- January 25: Haywood County Extension Center, Waynesville

For more information: [aross@ncsu.edu](mailto:aross@ncsu.edu)

North Carolina State University and North Carolina A&T State University commit themselves to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, veteran status or disability. In addition, the two Universities welcome all persons without regard to sexual orientation. North Carolina State University, North Carolina A&T State University, U.S. Department of Agriculture, and local governments cooperating.

# Upcoming Events

Oct 26	Soil Microbiology Workshop, Forsyth Cooperative Extension, 6-8 PM
Oct 28	NC Beef Cattle Field Day, Upper Piedmont Research Station, 9:00—2:30
Nov 11	Amazing Grazing Workshop, Butner Beef Lab, Bahama, 10 AM—3 PM
Nov 15 & 16	Pesticide Safety School, Forsyth Cooperative Extension, 8:30 AM. Visit <a href="http://Forsyth.cc/CES">Forsyth.cc/CES</a>
Nov 23 & 24	Office Closed for Thanksgiving Holiday
Dec 2	Equine Grazing and Pasture Management School, NCSU, 8:30 AM—5 PM
Dec 22-26	Office Closed for Christmas Holiday
Jan 1	Office Closed for New Year's Holiday
Jan 20	Sheep and Goat Field Day, Guilford Cooperative Extension
Jan 23	NC Forage and Grassland Winter Conference, Siler City
Jan 24	NC Forage and Grassland Winter Conference, Salisbury
Jan 27	4-H Livestock Judging in January, NCSU Campus

The Forsyth **4-H Livestock Judging and Skillathon team** is accepting new members ages 9-18. We participate in three annual contests: Jan 27th, July (TBD, but typically a Thursday, Friday and Saturday), and the Saturday and Sunday following the NC State Fair. Youth are expected to participate in BOTH judging and Skillathon and are expected to travel with the team. We do spend the night in Raleigh during the contests and usually have the team's expenses covered by sponsors. Youth are expected to follow the 4-H Code of Conduct and to fully participate in events! If you know of an interested young person contact April Bowman, Livestock and 4-H Youth Development Extension Agent at [awbowman@ncsu.edu](mailto:awbowman@ncsu.edu) or 336-703-2855 for more information.

**Soil Samples** may be submitted to the NCDA Agronomic Lab (or to us at Forsyth Extension) for FREE analysis now through Thanksgiving. After December 1st, there will be a charge of \$4 per sample for "peak-season" that runs through March.

If we don't have your **email address**, you are missing out on important information! Email [awbowman@ncsu.edu](mailto:awbowman@ncsu.edu) to get added. Visit [Forsyth.cc/CES/Livestock.aspx](http://Forsyth.cc/CES/Livestock.aspx) for additional news.

## Weed Identification

We have had several weed samples brought in for identification in the past few weeks. It is important to properly identify weeds, so that we can determine the best method of control. *Most* of the weeds that we are seeing are still summer weeds that should be killed by the frost that many of us have seen this week. If treated chemically, many of these will need to be sprayed early next spring when they are in the development stage and before they go to seed. Mowing and keeping weeds from going to seed can prove to be helpful in controlling many of them. Try to keep your desirable forages at 4-6" or taller in order to help crowd out weeds.

## ABOUT THE N.C. COOPERATIVE EXTENSION

North Carolina Cooperative Extension is a strategic partnership comprising NC State Extension, The Cooperative Extension Program at N.C. A&T State University, USDA-NIFA, and 101 local governments statewide. Extension professional in all 100 counties and with the Eastern Band of Cherokee translate research-based education and technology from NC State and N.C. A&T into everyday solutions that enrich the lives, land and economy of North Carolinians. Extension specializes in agriculture, youth, communities, food, health and the environment.