



Livestock, Equine, Forages, Field Crops and Pesticide Education

Ashley Robbins

Program Goals

- Ensure a successful future for the Agriculture Industry in Chatham County
 - Bridging the gap between the growing urban population and the current rural population
 - Continuously promoting agriculture in Chatham County
 - Providing education and advice using the most up-to-date agriculture practices that will positively affect the farmers, the community and the environment.

Farm Visits





Pesticide Education & Resources

- 120 pesticide applicators in Chatham County
- 2 V Credit (Safety Courses) 2 hours each & 2 X Credit, 2 hour courses.
- Worked with Chatham County Solid Waste and Recycling to apply for a Pesticide Container Grant of through the NCDA. \$4,107 was awarded to Chatham County and a new empty pesticide container unit was placed at the Waste & Recycling Center.



Disaster Relief

- Disaster Relief Task Force - helped 21 farmers apply for funding, through the NCDA, for hurricane relief due to crop, pasture or hay loss.
- Able to help in the facilitation of 130 round bales (around \$4,000 value) to be donated, by Chatham County farmers, to farmers in desperate need of hay in Eastern, NC.





Horse Program

Horse Nutrition and Hay Selection

- 19 horse owners in attendance.
- 94% improved their knowledge on understanding a forage analysis.
- \$86 worth of hay donated to use as a learning tool for attendants.
- Saved participants approximately \$4,550 by decreasing hay loss and not over feeding their horses



North Carolina Department of Agriculture and Consumer Services
 Food and Drug Protection Division Laboratory
 4000 Reedy Creek Road, Raleigh, NC 27607

Steve Troxler
 Commissioner

Anita MacMullan
 Director

TEST REPORT	
<p>Ashley Robbins 1192 US 64 W Business Pittsboro, NC 27312</p> <p>County: CHATHAM Telephone: 919-542-9203</p>	<p>Sample Submitted To Laboratory By: NCDAS CS Feed/Forage Office 1070 Mail Service Center Raleigh, NC 27699 - 1070</p> <p>Sample Submitted Date: 10/08/2018 LIMS #: AA98948 Transcript #: 2018-0588 Page Number: Page 1 of 1</p>
<p><input checked="" type="checkbox"/> Final Report <input type="checkbox"/> *Interim Report <input type="checkbox"/> Amended Report</p>	

Sample Description: Stephen

Forage Form: Hay Ext. Assistance: N Production Status: Maintenance
 Species: Horse Maturity: Grasses, Heads Emerg
 Forage Type: Other Grasses Special Treatment:

Species	Analyte	Unit	As Submitted Basis	Dry Matter Basis
	Dry Matter	%	83.24	12.49
	Crude Protein	%	11.65	1.62
	Unavailable Protein	%	1.59	1.71
	Adjusted Crude Protein	%	11.22	12.03
	Nitrate Ion	%	0.05	0.05
	Neutral Detergent Fiber	%	54.91	58.89
	Acid Detergent Fiber	%	32.98	35.37
	Digestive Energy	Mcal/lb	0.95	1.02
(Horse)	Non-fiber Carbohydrate	%	19.18	20.57
	Fat	%	2.42	2.59
	Calcium	%	0.30	0.32
	Phosphorus	%	0.14	0.15
	Sulfur	%	0.17	0.19
	Magnesium	%	0.27	0.29
	Sodium	%	0.12	0.13
	Potassium	%	1.04	1.12
	Copper	ppm	4.00	4.00
	Iron	ppm	118.00	127.00
	Manganese	ppm	130.00	139.00
	Zinc	ppm	17.00	18.00
	Ash	%	5.10	5.47

Horse Hoof Health Workshop

- 43 horse owners in attendance
- Learned basics and benefits of bare foot trimming.
- 80% improved their knowledge about hoof anatomy and function
- 83% increased their knowledge of preventative maintenance strategies for hoof health.



Horse Health Clinic

- Worked on 13 horses and 2 donkeys
- Participants saved an average of \$21 per animal on vaccines and coggins test.
- Total savings for Chatham County horse owners were around \$1,500.
- Vaccinated animals who might not otherwise have been vaccinated against life threatening diseases.





Livestock Program

Bull Selection and Artificial Insemination

- 28 producers were in attendance
- Had \$200 value semen donated by ABS Global
- Supplies for AI Training donated by Dr. Daniel Poole, NCSU Professor
- 91% of attendants improved their understanding of Bull EDPs
- 83% said they received information that would make their operation more profitable.



Beef Cattle Economics Workshop

- 20 producers in attendance
- Producers learned about the value of cooperative markets and key strategies to increase the value of their calf crop.
- 83% increased their knowledge of the cattle market, as well as, some helpful business management strategies



Chatham County Cattle Alliance

- Giving producers another avenue to market their cattle with the hopes of making them more money.
- Members will synchronize breeding and management strategies
- Grouping calves by frame and weight and selling them for a premium prices by the tractor trailer load.



Working with the Chatham County Sheriff's Department

- Animal Welfare and Animal Handling Training
Animal Control and Sheriff Deputies
- Meet & Greet between Farmers and the Sheriff's
Department





Regional Conferences

Beef Conference

Greensboro, NC

- 99 attendants
- Improved knowledge on low stress animal handling
- Improved knowledge of pasture management and endophyte free fescue establishment.



Goat and Sheep Conference

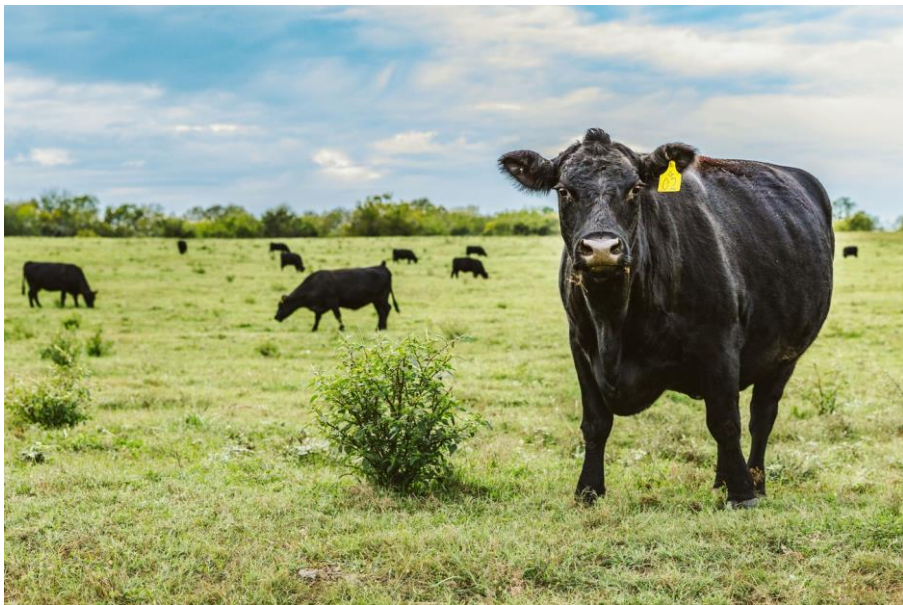
Pittsboro, NC

- 62 attendants
- Improved knowledge of parasite control, pasture management and grazing, business management tools, and carcass quality.



Chatham County to host both regional events in 2020!

Thank You



Ashley Robbins

919-542-8203

ashley.robbs@chathamnc.org