

Agricultural REVIEW

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October 2020

Raleigh, N.C.

Please email photos of Century Farms

Attention, Century Farm families. We are looking for photos of you and your family with your farm to help us celebrate the 50th anniversary of the Century Farm program.

Starting on Oct. 17, we will be showcasing families within this program on our Facebook, Twitter and Instagram pages for 50 days in a row. Email us your photos and your farm could be featured.

Please submit photos to taylor.parrish@ncagr.gov to be part of the celebration! #NCAgriculture

\$2 million available in dairy assistance

Program based on COVID-19 losses

Grade A dairy fluid milk producers in North Carolina who suffered losses because of COVID-19 disruptions in the milk supply chain can soon apply for assistance through the COVID-19 Dairy Aid Program 2020. A total of \$2 million will be available, with limits on the amount paid to producers.

"The application period opens Sept. 28 and closes Oct. 12, which is a fairly quick turnaround time," said Agriculture Commissioner Steve Troxler. "Grade A dairy

fluid milk producers will want to get their information together now, so they can get their application in when the period opens."

COVID-19 created serious disruptions to the food supply chain, including the state's dairy industry. Dairy producers and processors across the state and nation lost portions of their market due to COVID-19 mandated shutdowns of K-12 school systems, institutions of higher learning and food service industries. In some cases, milk had to be dumped on farms rather than being sold, which resulted in losses for those farms.

The N.C. General Assembly approved the funding for the assistance, which comes from federal COVID-19 funds earmarked for North Carolina. The N.C. Department of Agriculture and Consumer Services will manage the program and distribute funds. Eligible producers will be sent a letter next week with further details about the application process.

"The people of North Carolina are grateful that we have a fresh and local supply of dairy products available to consumers and pray that our farmers continue their hard work in safety and good health,"

said N.C. Representative Jeff McNeely, one of the advocates for the dairy legislation.

To qualify, fluid milk producers must be inspected by the NCDA&CS Food and Drug Protection Division, qualify for the Grade A dairy program and be subject to the Federal Milk Marketing Order 5. Producers will be eligible based on the pounds of Class I fluid milk produced beginning in April.

For more information or for questions, email 2020DairyRelief@ncagr.gov

Support pledged for hemlock restoration program

Agriculture Commissioner Steve Troxler recently co-signed a proclamation with Jennifer Ferre, the executive director of WNC Communities, in which both leaders pledge continued support for the Hemlock Restoration Initiative.

Troxler first announced the allocation of seed funding for the initiative in March of 2014. Since then, collaboration with WNC Communities has resulted in positive momentum in the effort to restore North Carolina's hemlock trees to long-term health. Dead hemlocks can negatively affect nesting

songbirds, trout populations, plant nurseries and landscapers, homeowners and tourism.

"The hemlock woolly adelgid continues to kill a large number of eastern and Carolina hemlocks in North Carolina, but our combined efforts are making a difference," said Troxler. "As just one example, we recently recognized dozens of N.C. Forest Service employees for a five-month project that treated nearly 42,000 hemlocks on more than 1,500 acres in the state. It was a huge project, and we're committed to continuing our efforts in various ways."

While NCDA&CS provides resources

such as funding, forestry expertise and manpower, the Asheville-based nonprofit WNC Communities manages grants and other funding sources, recruits research partners and provides administrative support for the program.

"The proclamation further cements the partnership between NCDA&CS and WNC Communities, and it serves as a promise for the future of the Hemlock Restoration Initiative," Ferre said.

From the tractor

by Agriculture Commissioner Steve Troxler



Commissioner Troxler

COVID-19 is challenging us in many ways and I am proud that our farming community is adapting and responding to these challenges. Throughout this pandemic, we have worked with many partners to try to come up with the best solutions possible to each and every challenge.

I believe partnerships can produce bigger results and we have certainly seen examples of that in work with our Agricultural Development and Farmland Preservation Trust Fund, through our Research Stations, and Soil and Water Conservation

Division, just to name a few.

By partnering with the military, we have greatly expanded the resources available for farmland preservation and we have helped preserve farmland near military bases that help the military operations with their readiness training.

Our research station sites work in cooperation with researchers from N.C. State University and N.C. A&T State University to develop new plant varieties, new production techniques and new technology that will help improve the bottom line for farmers.

I was recently at the A&T farm near Greensboro and met a small farmer who is growing moringa, an herbal plant that grows in Africa and India, because he learned about it through a research project at the university.

Likewise, our Soil and Water Conservation Division has worked with farmers to increase water resources on the farm through our AgWRAP program, helped fund high tunnels for minority and limited-resource farmers and

worked with local governments on conservation projects with cost-share funding.

The other day I received an unexpected and nice letter from Michael Regan, Secretary of the Department of Environmental Quality, that drives home to me the broader value of partnerships.

Secretary Regan and I have worked together following Hurricanes Florence and Michael in 2018, even flying together over Eastern North Carolina surveying flood damage following the storm.

His letter started with, "On behalf of the Department of Environmental Quality and the State of North Carolina, I would like to thank you for your strong and dependable partnership with this agency. You have contributed to protecting the health and safety of all North Carolinians, and for that, we are proud and grateful."

North Carolina farmers are committed to doing their best to provide a safe and abundant food supply and to protecting the natural

resources they depend on for their livelihood. They are proud of their farming operations and proud of the farming legacy of their families.

At the department, we understand agriculture and agribusinesses better than any other state agency. By sharing our knowledge and working in partnership, I believe we will end up with better outcomes for agriculture and for the residents of this state.

Throughout the pandemic, we have kept our focus squarely on farmers, consumers and agriculture, and we will continue to do that as we move forward.

You can read more from Secretary Regan's letter on page 4 if you are interested.

...

I also wanted to mention that we should be celebrating agriculture at the State Fair this month. Even though we are not, I want to assure we will work hard to make the 2021

(See Troxler, pg. 2 & Letter, pg. 4)

Agricultural Review

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Commissioner

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Troxler

(Continued from pg. 1)

Mountain State Fair and N.C. State Fair the best ever.

I am proud we were able to host the WNC Livestock Expo at the Western N.C. Ag Center, and that we will be having youth shows at the State Fairgrounds this month.

We have received over 800

entries for the State Fairgrounds event, which is a strong showing.

You will find winners from the WNC Livestock Expo listed on page 3.

It is an impressive group of young people.

Congratulations to them all for showing their animals.

October Bucolic Briefs

Many skills are required to start a successful farm: passion, clear goals, production experience, financial and marketing know-how, and more. The Farm Beginnings® class is a 12-month training session that uses holistic management to help beginning farmers clarify their goals and strengths, establish a strong enterprise plan and start building their operation. This training series has been restructured from in-person workshops to an online class, which includes a mixture of live virtual sessions, recorded videos, resources and hopefully an in person meet up. Farm Beginnings® is designed for new and prospective farmers who want to plan a profitable farm business. Students do not need to currently own land, but some farming or production experience is helpful to get the most out of the class. Scholarships available. It is hosted by the Organic Growers School. For more information, go to <https://www.facebook.com/events/660235458039397/>

As a way to help farmers and agricultural workers stay safe at work, the N.C. Department of Labor offers safety videos on a variety of topics through its YouTube channel. Video topics include: preventing green tobacco sickness, hazard communication, tobacco harvester safety, heat stress, migrant housing requirements, forklift safety, and information about the NCDOL's Gold Star Growers program. The videos are in English and Spanish to increase understanding of safety hazards and preventing accidents. To learn more about the NCDOL and the Agricultural Safety and Health Bureau, go to www.nclabor.com or call 1-800-NC-LABOR (800-625-2267). NCDOL is also on Facebook and Twitter (@NCDOL).

Beekeepers with bees for rent and growers interested in bee pollination services can post their information on the BeeLinked website at www.ncagr.com/beelinked. The site is hosted by the N.C. Department of Agriculture and Consumer Services and the N.C. State University Apiculture Program. Anyone interested in listing their information can do so by filling out an online Submit Your Ad form on the BeeLinked page or by contacting NCDA&CS at 919-233-8214 or by email at NCHoneybee@ncagr.gov or call NCSU at 919-515-1660. The NCDA&CS Plant Industry Division regulates the movement of agricultural or related items capable of spreading harmful insects, diseases, and other pests. Beekeepers participating in this program will be required to comply with all honey and bee industry regulations.

The N.C. Ag Finance Authority provides credit to agriculture in areas where financing is not available at reasonable rates and terms. The agency originates, services and finances farm loans, rural business loans, disaster loans and cotton gin loans. It also offers tax-exempt ag development bonds for agribusiness processing, ag-related manufacturing or ag waste disposal. For more about Ag Finance Authority programs or to request a loan application, call 919-790-3949 or email at RequestLoanInfo@ncagr.gov.

Deal named Peanut Belt superintendent



Above right, Creig Deal, has been named superintendent of the Peanut Belt Research Station at Lewiston-Woodville. He is pictured above at the Upper Coastal Plain Research Station near Rocky Mount, where he previously served as assistant superintendent.

Stephen Creig Deal has been named superintendent of the Peanut Belt Research Station at Lewiston-Woodville. Before taking on this new role, the Pinetops native worked in his home county of Edgecombe at the Upper Coastal Plain Research Station near Rocky Mount.

Deal grew up in an agricultural family, farming on his own from 1988 to 1999, growing peanuts, tobacco, cotton, corn and soybeans. He then managed another farm until 2008 when he joined the Research Stations Division. He began as a research technician at the Upper Coastal Plain Research Station in 2008 and then became a research specialist in 2011. He was promoted to assistant superintendent at the station in 2018.

“Creig has a unique and proven

skill set in agricultural research that will serve the Peanut Belt Research Station well,” said Agriculture Commissioner Steve Troxler. “With his farming background, I know he will bring a creative mindset to problem solving and farm management, and he has been a proven leader through his 12 years of work with research station.”

Deal’s promotion was effective Sept. 1, but while starting his new position, he has also been helping the Upper Coastal Plain station finish up harvest season. Deal replaces Tommy Corbett who has been promoted to the assistant director of the Research Stations Division.

“I hope I can do as well as Tommy has done. He was here at the Peanut Belt Research Station

for 16 years,” Deal said. “I’m looking forward to putting my total effort into being sure we have good research for farmers. That’s what it all goes back to is farmers, and I feel like this allows me to still contribute to the farming community.”

Funding from the General Assembly and the N.C. Board of Agriculture allowed the Spruill farm to be purchased and turned into the Peanut Belt Research Station at Lewiston-Woodville in 1952. The station’s main purpose is conducting research on peanuts, cotton, corn, soybeans, small grain, vegetables and other crops important to the region. Today, the station encompasses 372 acres of land, with 265 acres suitable for crop production.

AgroTips

Ensure that adequate nutrients will be available for a newly planted wheat crop.

If soil pH needs adjusting and you have not done so, go ahead and apply lime before planting. Next, give wheat a good start by fertilizing according to soil test recommendations, especially with regard to phosphorus, potassium and sulfur. When the crop is planted on time, 15 to 30 pounds of preplant nitrogen per acre should be sufficient to promote maximum growth and tillering.

Nutrition will be especially important if wheat is planted after grain sorghum on sandy soils with low CEC because soil nutrient reserves may have been significantly depleted. In that situation, be particularly attentive to crop development. Yellowing, poor stand establishment and lack of tillering could signal a need for additional nitrogen as the season progresses.

Remember to check for nematode problems during crop harvest.

Plant-parasitic nematodes are common in all field crop soils and often lower yields without being very apparent. Fall is an excellent time to find out if nematode populations are high and, if so, to develop a plan to manage them. When the weather is good for harvest, it is also good for collecting soil samples for nematode assay.

Nematode populations peak at the end of the growing season so samples assayed at this time provide an accurate description of potential hazards. If you submit samples in the fall, you will have time to plan a management strategy.

If you noticed localized areas of poor growth during the growing season, it is a good idea to collect separate soil samples from good and poor areas. Submit two samples from each of these areas—one for nematode assay and one for soil fertility. Comparison of results from good and poor areas and from nematode assays and soil tests is helpful in pinpointing a problem.

Before planting legume cover or forage crops, be sure to submit soil samples, or get revised recommendations based on recent soil report data.

High fertilizer costs may have you considering the use of legumes as a cover crop or as part of a forage program. If so, be sure to refer to recent soil report data for your fields as you plan. Legumes have different fertility than many traditional crops.

It is usually not necessary to collect new soil samples from fields that have been sampled within the last two (sandy soils) or three (clay soils) years. To get revised/updated recommendations for your current situation, consult your regional agronomist. If you need to collect new samples, send them to the Agronomic Division soil testing lab now to avoid the processing delays that are common during the fall/winter. The sooner you get your results, the sooner you’ll be able to finalize lime and fertilizer purchases or make plans to plant legume cover or forage crops to supply additional nitrogen.

Fall is an ideal time to apply lime.

Fall liming is an excellent way to prepare for the spring growing season. Whether you are renovating your yard, preparing a new landscape planting or readying your fields for the next crop, fall is the best time to apply lime. However, lime should only be applied according to the recommendations from a recent soil report.

Take advantage of dry fall weather to apply lime as soon as possible. If you delay, wet weather may prevent the application even longer. The earlier you put out lime, the sooner soil pH will be adjusted to meet your planting needs.

Support N.C. farmers; look for this logo



Winners announced in the WNC Junior Livestock Expo

The final weekend of the WNC Youth Livestock Expo recently wrapped up at the WNC Ag Center in Fletcher. The youth livestock shows were held in place of the N.C. Mountain State Fair, which was canceled this year due to COVID-19.

Competitions featuring dairy cattle, meat goat, poultry, swine, wool-breed sheep, beef, dairy goat, meat-breed sheep and rabbits were held over two weekends, beginning Sept. 11. Safety measures were taken to ensure that the competitions followed guidelines from the CDC and state public health officials. Competitions were not open to the public; events were spread across multiple buildings; and competitors and judges were required to wear face masks and practice social distancing.

Following are winners listed by category:

Junior Dairy Cattle Show

- Grand champion Ayrshire shown by Nelson Brooks of Alamance County;
- Reserve grand champion Ayrshire shown by Madeline Branch of Surry County;
- Grand champion Brown Swiss shown by Nelson Brooks of Alamance County;
- Reserve grand champion Brown Swiss shown by Maddie Crouse of Alleghany County;
- Grand champion and reserve grand champion Guernseys shown by Zack McMurray of Cleveland County;
- Grand champion Holstein shown by Madison Sifford of Goldvein, Va.;
- Reserve grand champion Holstein shown by Salem Sifford of Goldvein, Va.;
- Grand champion Jersey shown by Bryson Baldwin of Iredell County;
- Reserve grand champion Jersey shown by Allison Graves of Talbott, Tenn.;
- Supreme champion shown by Bryson Baldwin of Iredell County;
- Reserve supreme champion shown by Madison Sifford of Goldvein, Va.;

WNC District Junior Dairy Cattle Show

- Grand champion and reserve grand champion Brown Swiss shown by Cecelia Higgins of Rutherford County;
- Grand champion and reserve grand champion Guernseys shown by Zach McMurray of Cleveland County;
- Grand champion Jersey shown by Cecelia Higgins of Rutherford County;
- Reserve grand champion Jersey shown by Lille Gray of Buncombe County;
- Supreme champion shown by Zack McMurray of Cleveland County

Junior Meat Goat Show

- Grand champion shown by Katelyn Hewitt of Rockingham County;
- Reserve grand champion shown by Hattie Joe Powell of Johnston County;
- Got to Be NC champion and reserve champions shown by Scarlett Denning of Johnston County;
- Champion commercial doe kid shown by Caleb Henson of Haywood County;
- Reserve champion commercial doe kid shown by Travis Anderson of Johnston County;
- Got to Be NC champion commercial doe kid shown by Caleb Henson of Haywood County;
- Got to Be NC reserve champion commercial doe kid shown by Paison Cain of Randolph County;
- Champion commercial doe shown by Caroline Scarlett of Randolph County;
- Reserve champion commercial doe shown by Laura Jessup of Randolph County;
- Got to Be NC champion commercial doe shown by Laura Jessup of Randolph County;
- Got to Be NC reserve champion commercial doe shown by Amber Shutsky of Stokes County;
- Grand champion commercial doe shown by Caleb Henson of Haywood County;
- Reserve grand champion commercial doe shown by Travis Anderson of Johnston County;
- Got to Be NC grand champion commercial doe shown by Caleb Henson of Haywood County;
- Got to Be NC reserve grand champion commercial doe shown by Paison Cain of Randolph County;

Youth Poultry Show

- Champion Standard shown by Beulah Crain of

Buncombe County;

- Reserve champion Standard shown by Airely Hart of Transylvania County;
- Champion Guinea shown by Mason Perry of Henderson County;
- Champion Bantam shown by Avery Bartley of Henderson County;
- Reserve champion Bantam shown by Silas Bartley of Henderson County;
- Champion and reserve champion ducks shown by Madilynn R. Miller of Henderson County;

Youth Market Broiler Show

- Grand champion PeeWee Broilers shown by Maggie VonCanon of Transylvania County;
- Reserve grand champion PeeWee Broilers shown by Benjamin Gaddy of Buncombe County;
- Grand champion Youth Broiler shown by Gabriella Baldwin of Buncombe County;
- Reserve grand champion Youth Broiler shown by Cassidy Ayers of Transylvania County;

Junior Swine Show

- Grand and reserve grand champions shown by Hannah Cooper of Perquimans County;
- Got to Be NC grand champion shown by Denver McNeely of Transylvania County;
- Got to Be NC reserve grand champion shown by Dylan Briley of Pitt County;
- Grand champion breeding gilt shown by Gage Harris of Pasquotank County;
- Reserve grand champion breeding gilt shown by Taylor Glover of Wayne County;
- Got to Be NC grand champion breeding gilt shown by Gage Harris of Pasquotank County;
- Got to Be NC reserve grand champion breeding gilt shown by Taylor Glover of Wayne County;
- Supreme champion swine shown by Gage Harris of Pasquotank County;
- Reserve supreme champion swine shown by Hannah Cooper of Perquimans County;

Junior Wool Breed Sheep Show

- Champion and reserve champion Border Leicester shown by Haley Hargus of Henderson County;
- N.C. Wool Growers champion ewe shown by Addison Farris of Rockingham County;
- N.C. Wool Growers reserve champion ewe shown by Benjamin Gaddy of Buncombe County;
- Champion and reserve champion Shetland shown by Benjamin Gaddy of Buncombe County;
- Champion Fine Wool shown by Charlotte Payne of Rockingham County;
- Reserve champion Fine Wool shown by Lillian Garcia of Stokes County;
- Champion Long Wool shown by Benjamin Gaddy of Buncombe County;
- Reserve champion Long Wool shown by Haley Hargus of Henderson County;
- Champion Medium Wool shown by Haley Hargus of Henderson County;
- Reserve champion Medium Wool shown by Molly Cowan of Henderson County;
- Grand champion pair shown by Haley Hargus of Henderson County;
- Grand champion fleece shown by Haley Hargus of Henderson County;
- Grand champion ewe shown by Haley Hargus of Henderson County;
- Reserve grand champion ewe shown by Benjamin Gaddy of Buncombe County;

WNC District Junior Market Steer

- Grand champion and Got to Be NC grand champion steer shown by Grayson Peeler of Cleveland County;
- Reserve grand champion and Got to Be NC reserve grand champion steer shown by Jax Holt of Buncombe County;

WNC District Junior Feeder Steer

- Grand champion junior feeder steer shown by Cayte Mitchell of Alexander County;
- Reserve grand champion junior feeder steer shown by Samuel Henry of Macon County;
- Got to Be NC grand champion junior feeder steer shown by Emily Hunter of Macon County;
- Got to Be NC reserve grand champion junior feeder steer shown by Davis Anders of Macon County;

WNC District Junior Beef Heifer

- Grand champion commercial heifer shown by

Coleman Self of Cleveland County;

- Reserve grand champion commercial heifer shown by Greyson Peeler of Cleveland County;
- Grand champion Charolais shown by Chloe Lawson of Alexander County;
- Grand champion Angus shown by Cole Williams of Haywood County;
- Reserve grand champion Angus shown by Logan Ball of Haywood County;
- Grand champion Simmental shown by Colton Cox of Mitchell County;
- Reserve grand champion Simmental shown by Shelby Candler of Buncombe County;
- Grand and reserve grand champion Red Angus shown by Jacob Presnell of Cleveland County;
- Grand champion Gelbvieh shown by Molly Anderson of McDowell County;
- Reserve grand champion Gelbvieh shown by Bailee Worley of Buncombe County;
- Grand champion for all other breeds shown by Colton Cox of Mitchell County;
- Grand champion for all other breeds shown by Hannah Smith of Macon County;
- Grand champion Shorthorn shown by Rylea Suddreth of Catawba County;
- Reserve grand champion Shorthorn shown by Isaac Lidke of Catawba County;
- Supreme champion junior beef heifer shown by Cole Williams of Haywood County;

Open Junior Beef Steer

- Grand champion feeder steer shown by Cayte Mitchell of Alexander County;
- Reserve grand champion feeder steer shown by Samuel Henry of Macon County;
- Grand champion Got to Be NC feeder steer shown by Emily Hunter of Macon County;
- Reserve grand champion Got to Be NC feeder steer shown by Davis Anders of Macon County;
- Grand champion market steer shown by Greyson Peeler of Cleveland County;
- Reserve grand champion market steer shown by Dacey Abruzzino of Enoree, S.C.;
- Grand champion Got to Be NC market steer shown by Greyson Peeler of Cleveland County;
- Reserve grand champion Got to Be NC market steer shown by Jax Holt of Buncombe County;
- Overall Got to Be NC champion steer shown by Caleb Brown of Harnett County;
- Overall Got to Be NC reserve champion steer shown by Isaac Wallace of Macon County;

Open Junior Beef Heifer

- Grand champion Angus shown by Cole Williams of Haywood County;
- Reserve grand champion Angus shown by Logan Ball of Haywood County;
- Got to Be NC champion Angus shown by Wyatt Kendall of Duplin County;
- Got to Be NC reserve champion Angus shown by Emma Vanhoy of Catawba County;
- Grand champion Charolais shown by Chloe Lawson of Alexander County;
- Reserve grand champion and Got to Be NC champion Charolais shown by Ella Knight of Catawba County;
- Grand champion and Got to Be NC champion Gelbvieh shown by Molly Anderson of McDowell County;
- Reserve grand champion and Got to Be NC champion Gelbvieh shown by Bailee Worley of Buncombe County;
- Open Junior Beef Heifer continued
- Grand champion and Got to Be NC champion commercial heifer shown by Shane Kendall of Duplin County;
- Reserve grand champion and Got to Be NC champion commercial heifer shown by Wyatt Kendall of Duplin County;
- Grand champion Simmental shown by Nate Bowman of Stokes County;
- Reserve grand champion Simmental shown by Colton Cox of Mitchell County;
- Got to Be NC champion and reserve champion Simmentals shown by Shelby Candler of Buncombe County;
- Grand and reserve grand champion Red Angus shown by Jacob Presnell of Cleveland County;

(See Junior shows, pg. 5)

Corn mazes and pumpkin patches offer fun fall times

Pumpkins, corn mazes and crisp, cool weather are sure signs that fall has arrived. Since 2017, residents in the Rolesville/Knightdale area of Wake County have had a month-long way to celebrate fall's arrival with the opening of Crossroads Corn Maze.

Owner Lee Perry started the maze with his wife Paula, and their two children Charlie and Kaylee. His family has farmed the area for five generations growing tobacco, soybean and wheat over the years. Perry currently farms 30 acres of turf grass in the Wendell area.

The five-acre corn maze has quickly become a favorite for families, church groups and others looking for a fall outdoor activity to enjoy together. Just as Perry envisioned, visitors to the maze stay for a while and watch the kids attempt the maze, enjoy a fire pit or play one of the outdoor games.

"Having a corn maze in the area was a long-time dream for me," Perry said. "I wanted an activity for the kids in the Wake Forest/Knightdale area that was local and fun." Perry's goal was to get to know his neighbors and see friends. The maze has brought out plenty of both.

The maze will also follow some extra precautions this year due to the COVID-19 pandemic.

The number of guests in the corn maze will be monitored, all fire pits will be socially-distanced and employees will be in masks. Guests are encouraged to buy their tickets online in advance. "Some of the games that we have put out in the past may not be available this year," Perry said, "but we have made up for that by making the maze even harder than it was last year so it should be a challenge."

The pandemic made many farms rethink a corn maze this year. Since the corn would have had to be planted earlier in the summer, it was hard to know what the North Carolina and CDC guidelines would be several months later.

"The corn is also not quite as tall this year," Perry said. "The rains we've had washed some of the fertilizer away. Farming is all about the weather. Farmers always look to the good Lord for weather and that is what it is all about."

A corn maze is cut before the stalks grow tall. The Perry's use Wayne Batten from Johnston County to cut their maze. Batten usually cuts about seven mazes each year across the state, but this year, it was just three.

Batten, who worked in ag extension for both Wake and Pender counties for 30 years, has more than a decade experience cutting mazes.

"In 2009, I had a phone call from a farmer in Kernersville



Crossroads Corn Maze features a challenging five-acre corn maze pictured above. The maze is open Oct. 2 through Nov. 1. At right, is owners Lee and Paula Perry.



about cutting a maze," Batten said. "This year I cut their 11th maze. Batten also has cut mazes from the mountains to areas in eastern NC.

He starts by drawing the comfield on grid paper and then adding the design. "I then use a computer program and use the computer of the zero-turn mower. His designs include Patches the Scarecrow, a giant firetruck and for the 50th anniversary of an apple orchard, a giant 50 with apples.

"Crossroads Corn Maze is designed with several crosses incorporated," he said. "I, too, think it will be a challenging one this year."

The funniest story I have heard at any of the mazes was the family that I cut a maze for in Fayetteville," Batten said. The farmer's three-year-old grandson would walk the maze everyday after it was cut. He could find lost customers quickly in the maze – and they would be teased about being found by a three-year old."

Crossroads Corn Maze is open Friday, Saturday and Sunday from Oct. 2 through Nov. 1. Hours are 1 to 9 p.m. on Friday, 10 a.m. to 9 p.m. on Saturday and 1 to 7 p.m. on Sunday. For an extra challenge bring a flashlight and try the maze at night. Also, on the last weekend

(Oct. 30 to Nov. 1) bring your leashed pets to help you navigate the maze.

The Perrys offered these tips to visitors coming to the maze.

Purchase your tickets online in advance

Wear tennis shoes

Plan to stay and enjoy the fire pits to watch others coming in and out of the maze.

Bring your eagle eyes for the scavenger hunt. Take photos of the objects you find in the maze with your phone.

Check the website or Facebook page before heading out for any updates.

Research grants available

The N.C. Bioenergy Research Initiative and the New and Emerging Crops Program are seeking grant proposals that support each program's mission.

"The two programs offer a combined \$1 million in competitive grants, with the total being split equally on bioenergy research and new and emerging crop research," said Agriculture Commissioner Steve Troxler. "With every dollar invested in ag research producing around \$19 in returns, we envision significant production opportunities and new markets that will benefit North Carolina farmers. This continued investment in agricultural research has helped maintain agriculture and agribusiness' strength as our leading industry."

Each program is organized under the NCDA&CS Research Stations Division. While not required, research projects funded by the grant programs may use the Division's infrastructure and resources throughout the state, including one or more of the Division's 18 research stations.

Types of research projects that may qualify for grants include:

Bioenergy:

- Weed management
- Harvest management such as methods, timing, transporting and storage
- Stand management such as renovation for productivity, planting dates, crop management and eradication when necessary

- New species and bioenergy potential

- Innovative uses of biomass for energy

New & Emerging Crops:

- Identification of emerging crops with economic potential

- Crop physiology, growth and development

- Identification of appropriate soil and climate needs

- Agronomic management strategies including fertility and pest management

- Postharvest management strategies

- Creation and evaluation of new value-added products

- Test marketing new crops or products

Both projects:

- Genetic improvement and selection

- Education and demonstration

- Economic analysis and enterprise budgeting

Copies of the grant applications, required forms and more information are available on each program's grant web page. The Bioenergy Research Initiative page is at www.ncagr.gov/bioenergy/Grants/index.htm, and the New and Emerging Crops grant page is at www.ncagr.gov/NECP/grants.htm. Applications must be postmarked by close of business Oct. 9. For more information on the application process, contact Allison Medlin, at allison.medlin@ncagr.gov or at 919-693-2483.

Letter

(Continued from pg. 1)

ROY COOPER
Governor
MICHAEL S. REGAN
Secretary



NORTH CAROLINA
Environmental Quality

September 21, 2020

Steve Troxler, Commissioner
N.C. Department of Agricultural & Consumer Services
1001 Mail Service Center
Raleigh, NC 27699-1001

Dear Commissioner Troxler,

On behalf of the Department of Environmental Quality and the State of North Carolina, I would like to thank you for your strong and dependable partnership with this agency. You have contributed to protecting the health and safety for all North Carolinians, and for that, we are proud and grateful.

Environmental protection and economic prosperity are not mutually exclusive, but can go hand in hand. Whether we are tackling difficult issues like climate change, aging infrastructure, water quality or hurricane recovery, we have always been able to unite for the common good of this great state. As partners, we can continue to achieve greatness. We are stronger when we focus on what unites us rather than being preoccupied with the few things that divide us.

North Carolina is historically known for business leaders and public officials who work together to build a better future. We are all committed to a similar mission, to make North Carolina the best state in the nation, which includes leaving the state better than we all found it. Together, we can continue to provide environmental protection, create jobs and strengthen the economy to drive North Carolina's global competitiveness.

Without your vision, innovation and leadership, we would not be the agency we are today. I'm proud of the coalitions we have built on so many important issues, even the ones that have been the most challenging. Thank you for your partnership and all you do for the State of North Carolina.

Sincerely,

Michael S. Regan
Secretary



North Carolina Department of Environmental Quality
217 West Jones Street | 1601 Mail Service Center | Raleigh, North Carolina 27699-1601
919.707.8600

Junior shows

(Continued from pg. 3)

Got to Be NC champion shown by Hannah Vanhoy of Catawba County;
 Grand and reserve grand champion Hereford shown by Jordan Mitchem of Lincoln County;
 Got to Be NC champion Hereford shown by Regan Mitchem of Lincoln County;
 Got to Be NC reserve champion Hereford shown by Shelby Candler of Buncombe County;
 Grand champion and Got to Be NC champion for all other breeds shown by Shane Kendall of Duplin County;
 Reserve grand champion for all other breeds shown by Colton Cox of Mitchell County;
 Got to Be NC reserve champion for all other breeds shown by Makayla Davis of Franklin County;
 Grand champion Shorthorn shown by Rylea Suddreth of Catawba County;
 Reserve grand champion Shorthorn shown by Ellie Harman of Lexington County;
 Got to Be NC champion Shorthorn shown by Isaac Lidke of Catawba County;
 Grand champion percentage Simmental shown by Shelby Candler of Buncombe County;
 Reserve grand champion percentage Simmental shown by Cody Clary of Henderson County;
 Got to Be NC champion percentage Simmental shown by Hannah Vanhoy of Catawba County;
 Supreme champion junior heifer shown by Cole Williams of Haywood County;
 Reserve supreme champion junior heifer shown by Shane Kendall of Duplin County;
 Supreme and reserve supreme Got to Be NC champion shown by Shane Kendall of Duplin County;
 Youth Junior Doe Dairy Goat
 Grand champion Nigerian Dwarf shown by Lucy Moore of Rowan County;
 Reserve grand champion Nigerian Dwarf shown by Morgan Buckner of Buncombe County;
 Grand champion Oberhasli shown by Andrew Harris of Cleveland County;
 Reserve grand champion Oberhasli shown by Faith Harris of Cleveland County;

Youth Junior Doe Dairy Goat continued
 Grand champion recorded grades shown by Anna Grace Stoltman of Lincoln County;
 Reserve grand champion recorded grades shown by Cora Noel of Chatham County;
 Grand and reserve grand champion Saanens shown by Anson Cranford of Randolph County;
 Grand and reserve grand champion Toggenburgs shown by Owen Stoltman of Lincoln County;
 Grand champion Alpines shown by Maggie Arnold of Transylvania County;
 Reserve grand champion Alpines shown by Jonas Noel of Chatham County;
 Grand champion LaManchas shown by De Cannon of Monroe, Ga.;
 Reserve grand champion LaManchas shown by Genevieve Cranford of Randolph County;
 Grand and reserve grand champion Nubians shown by Anna Grace Stoltman of Lincoln County;

Troxler inducted into the WNC Ag Hall of Fame

WNC Communities recently held its 30th Western North Carolina Agricultural Hall of Fame Induction Ceremony at the Mountain Horticulture Crops Research and Extension Center in Mills River where N.C. Agriculture Commissioner Steve Troxler, was inducted.

The scaled-down ceremony was livestreamed and a limited number of attendees were present. It can be viewed via the WNC Communities Video YouTube Channel accessible at wnccommunities.org.

This annual event recognizes stewards of western North Carolina agribusiness sector and honors the visionaries and leaders of the agriculture industry.

In his third term in office, Commissioner Troxler is recognized as a leader with outstanding performance in heading up the state's agricultural economy. A strong leader with a highly qualified staff of professionals, his dedicated work has brought a high degree of success to the North Carolina Department of Agriculture and Consumer Services.

Troxler has spent his entire career in agriculture as founder, owner and operator of Troxler Farms.

Since taking office in 2005, Commissioner Troxler has focused on developing new markets for N.C. farm products, preserving working farms and protecting the state's food supply.

His ag leadership in western North Carolina is demonstrated by the significant work he has done with the WNC Ag Center, the N.C. Mountain State Fair, the WNC Farmers Market, the Mountain Research Station, the Division of Soil and Water Conservation, Farmland Preservation and his work with row crop farmers and the apple industry. He also has shown dedication to forestry with his work in the DuPont State Forest and Headwaters State Forest.

Through his strong relationship with the N.C. General Assembly, N.C. Tobacco Trust Fund Commission, the Golden LEAF Foundation, the Farmland Preservation Fund, the N.C. Rural Center, and the Appalachian Regional Commission, the Commissioner is responsible for bringing millions of dollars into the region for ag programs.

Youth Senior Doe Dairy Goat
 Grand champion Nigerian Dwarf shown by Lucy Moore of Rowan County;
 Reserve grand champion Nigerian Dwarf shown by Abigail Gabriel of Colbert, Ga.;
 Grand champion Oberhasli shown by Maggie Arnold of Transylvania County;
 Grand champion recorded grades shown by Meg Noel of Chatham County;
 Reserve grand champion recorded grades shown by Genevieve Cranford of Randolph County;
 Grand champion Saanens shown by Genevieve Cranford of Randolph County;
 Reserve grand champion Saanens shown by Rose Stoltman of Lincoln County;
 Grand champion Toggenburgs shown by Rachel Brown of Wake County;
 Reserve grand champion Toggenburgs shown by Owen Stoltman of Lincoln County;
 Grand champion Alpines shown by Maggie Arnold of Transylvania County;
 Reserve grand champion Alpines shown by Cora Noel of Chatham County;
 Grand champion LaMancha shown by De Cannon of Monroe, Ga.;
 Reserve grand champion LaMancha shown by Olivia Keena of Winder, Ga.;
 Grand champion Nubians shown by Anna Grace Stoltman of Lincoln County;
 Best Doe in Show Overall awarded to the Alpine shown by Maggie Arnold of Transylvania County;
 Best Udder in Show Overall awarded to the Saanens shown by Rose Stoltman of Lincoln County;
 Junior Market Lamb
 Grand champion lamb shown by Kalen Barwick of Lenoir County;
 Reserve grand champion lamb shown by Cindy Connolly of Rowan County;
 Grand champion Got to Be NC junior market lamb shown by Cindy Connolly of Rowan County;
 Reserve grand champion Got to Be NC Market Lamb shown by Lydia Wilson of Rowan County;
 Junior Meat Breed Ewe
 Supreme champion ewe shown by Lydia Wilson of Rowan County;
 Reserve supreme champion ewe shown by Cindy Connolly of Rowan County;
 -more-

Got to Be NC supreme champion ewe shown by Lydia Wilson of Rowan County;
 Got to Be NC reserve supreme champion ewe shown by Cindy Connolly of Rowan County;
 Youth Rabbit Show
 Grand champion awarded to Anna Cooke of Wayne County for her Himalayan Black Senior Doe;
 Reserve grand champion awarded to Cassie Maples of Newport, Tenn., for her Mini Lop Junior Doe.

Classified Advertising

Advertising in the Ag Review

Ads are run free for N.C. residents & can be submitted by mail to 1001 Mail Service Center, Raleigh NC 27699-1001; online at www.AgReview.org; or by fax to 919-733-5047. Ads **must** include name, address including zip code, phone number including area code, and **price or price range for every item** being sold.

Deadline for each issue is noon on the first working day of the month prior to publication. Limit is 30 words, editor reserves right to edit or reject ads. Limit 2 ads/person in different categories.



Bees, Supplies & Services For Sale

NOTICE

N.C. law requires a permit to sell honey bees in the state, with the following exceptions: sale of less than 10 hives in a calendar year, a one-time going-out-of-business sale of less than 50 hives, or the renting of bees for pollination purposes or to gather honey. Contact Don Hopkins, state apiarist, NCDA&CS, 1060 Mail Service Center, Raleigh, NC 27699-1001.

(3) honeybee hives, full colonies, 8-frame, \$200-\$250; Maxant extractor, 4-frame, hand crank, \$375. Thomas Mausser, Lewisville 865-441-5027.

BEES

Hive wooden ware, frames, feeders, bottling equip, more, \$1 & up. Johnny Elliott, Harmony 704-614-5006.

Cypress wooden ware & supplies, \$22.50 & up. John Pledger, Trinity 336-906-0764.



Equipment For Sale

1999 MF 232 loader attach, GC, fits 231, 235, 245, \$2,000; Agco bush hog, 54 in., 3 pt, GC, \$500. Roy Musselwhite, Wilmington 910-617-3922.

JD 4430, 125 hp, cab, many new parts, \$23,500; 1952 JD B, 3 pt, RG, \$3,650; w/o hitch, \$3,000. Barry Lindley, Pittsboro 919-742-4009.

FARM EQUIPMENT

1952 MMZ tractor, \$2,500; 13-60 lb. hang-on wghts, \$25 ea. Kathy Hulin, Lexington 336-859-4723.

Milking machine, \$800. Kenneth Young, Grassy Creek 336-384-3087.

JD 730, 630 & 530, \$6,500-\$9,500. Ronald McGraw, Concord 704-547-1832.

Farmhand 815 grinder/mixer, 2-ton, \$600; 12-shank chisel plow, requires 200 hp, \$500; 3-bottom plows, \$350. James Isley, Julian 336-263-1958.

Taylor-Way disc harrow, \$2,500; Taylor-Way subsoiler, \$400; grain box & trailer, \$300; other equip. J. Lloyd Mabe, Danbury 336-703-8232.

FARM EQUIPMENT

Forklift for 3 pt hitch, ready to use, \$500; Oliver super 44, restored, \$7,900; other equip. Miles Little, Midland 704-791-1438.

NH 1069 bale wagon, sheltered, EC, 5,000 hrs., tires 80%, \$18,000; NH 575 hay baler, sheltered, EC, \$9,000. R.G. Hammonds, Lumberton 910-734-2991.

Kubota L3010ST diesel, 380 hrs., ps, 4wd, pto rear & belly, EC, shuttle shift, garaged, 7 pcs equip, \$14,000. James Percival, Winston Salem 336-978-3736.

Offset disc for JD M, 12-blade, FC, \$200. Jerry Murphy, Castalia 919-497-7830, after 5 p.m.

Fella TH800 tedder, 6-basket, \$7,200; NH 256 hay rake, \$1,500; Blumhardt sprayer, 1,000 gal, \$5,000; other equip. G. Rayle, Pleasant Garden 336-382-3732.

1963 MF 35, new sleeves, pistons, rings, main/rod bearings, oil filter & seat, no rust, \$3,500. Bryce Holbrook, Stanfield 704-789-3664.

NH 256 rake, GC, new tires, \$1,500; NH haybine, \$700; several bush hogs, \$350-\$550. Donnie Hull, Mt. Airy 336-710-2001.

JD 9500 combine, 4,395 eng hrs., 3,149 separator hrs., new concave, no heads, \$25,000. Greg Rufty, Stony Point 704-880-7430.

1946 Ford 2N tractor, GC, \$2,000. Mike Campbell, Concord 704-791-9759.

Front end loader from Ford 8N, worked when removed, needs service, may fit other tractors, \$1,500 obo. Allen Ingram, Lexington 336-757-0149.

JD 348 sq baler, \$8,000; NH 273 sq baler, \$2,000; JD MT tractor, \$2,000. Johnny Bradley, Rutherfordton 828-245-7515.

Woods BH 75 backhoe attach for tractor, new 16 in. bucket, expanded operator seating, 2 manuals, \$3,000. Richard Hunt, Polkton 252-571-0005.

1952 Ford 8N, eng overhauled, RG, 12v system, good metal, never painted, \$2,500 nego. Jimmy Womble, Chapel Hill 919-812-0832.

Hesston 730 rnd baler, 4x4, twine only, extra belts, everything works, \$5,000. Scott Beasley, Lexington 336-239-7602.

GP no till grain drill, 10 ft., 259.4 ac, \$25,000; DMI w/points, shins, painted, LN, \$6,500 obo. Wade Apple, Burlington 336-421-9752.

AC 7000 tractor, \$9,000; AC 180, \$5,000; Gehl 2340 haybine, 10 ft., \$6,000; NH 256 hay rake, \$1,800; other equip. Troy Watts, Taylorsville 828-302-8596.

JD 1240 corn planter, \$1,000. Gene Wear, Salisbury 704-798-3809.

FARM EQUIPMENT

NH 50 bale thrower/kicker, GC, kept under shed, owner's manual, fits 268, 269, 270, others, \$375. James Dodson, Madison 336-613-2259.

Gehl moco parts, pto/spindle, others, \$7-\$50; new sickle bar guides for Gehl, Ford, IH, \$7 ea obo; other equip. Scottie McFarland, Rougemont 919-210-5127.

Kubota L3010 diesel tractor, ropa, 142 hrs., \$12,500. Johnny Elliott, Harmony 704-614-5006.

2 Ontario grain drills, horse drawn, on steel, \$350; on wood wheels, \$300; molasses boil vat, 43 in. x 117 in., \$100. Bill Maxwell, Sparta 336-372-2347.

2017 GP 1500 no till drill, 15 ft., less than 300 ac, EC, shelter kept, 7 1/2 in. spacing, detachable coulters, \$40,000. Jeff Sykes, Mebane 336-214-3443.

1976 Farmall 140, scrape blade, bush hog, disc, boom pole, rake, cults, fert bin; RG, all shed kept, \$7,500/all. Randy Norris, Thomasville 336-689-4115.

Mantis tiller, 2-cycle, LN, \$250; 60 spike doub section harrow, 8 ft. wide, 3 pt, VGC, \$425. Tom McIntosh, Ramseur 336-953-1868.

1947 Farmall Cub, GC, disc cults, 4 sm cults, new clutch, \$2,500; Woods belly mower, 60 in., \$800; other equip. Harvey Poole, Charlotte 704-241-1664.

Old Hines H-1600 tractor, w/custom implements, \$800. Barbara Norris, Raleigh, 919-772-4906.

Tractors for parts or restore, U's & UC's, \$500-\$2,000 ea; B's & C's, \$200-\$400 ea. Timothy Mabe, Troy 910-572-3539.

Howe bush hog, 3 pt, \$3,200; JD bush hog, 7 ft., \$2,700; Wolverine bush hog, 3 pt, \$1,690. Chris Witherspoon, Valdese 828-381-6857.

Hardee hd bush hog, 5 ft., lrg hd gear box, \$600. Jimmy Furr, Stanfield 704-888-0213.

Super A draw bar & 1 pt turning plow, \$40-\$250. Ernest Pinnix, Eden 336-627-9303.

Cat D7 dozer, 3T angle blade, 80% undercarriage, \$9,500; NH 277 sq baler, \$2,500; NH 55 rake, \$1,500. W.M. Long, Mebane 336-376-6603.

1950 IH Cub, \$2,850; IH super A tractor, \$2,800; Woods estate mower, fast hitch, \$650. Michael Nardo, Jackson Springs 910-281-3522.

JD 170 mower, restored, 42 in., overhead valve eng, \$750; KEE 22 mower, restored, Briggs 5 hp eng, \$325. Doug Johnson, Greensboro 336-264-7412.

NH 488 haybine, 9 ft. cut, GC, field ready, \$1,500. Todd Brown, Ramseur 336-318-5131.

Kubota L285 tractor, GC, new water pump, battery & seat, garage kept, \$2,500. Bill Carter, Summerfield 336-362-3629.

FARM EQUIPMENT

Wide front for Farmall M, \$1,000; 3 pt for Farmall M, \$850; 1 pt fast hitch for Farmall Cub, \$375; other equip. Cyrus Bowman, Colfax 336-420-0986 (d) or 996-1783 (e).

Hay rake, 7-wheel, \$2,000; MF 31 diesel, \$5,000; MF 1100 diesel, \$12,000; Mahindra E350, \$12,000; other equip. Henry Currie, Ellerbe 910-334-0404.

Loader bucket, 84 in., fits case 580, others, \$650; grain auger, pto, \$1,000; irrig pump, high pressure, \$1,400. Johnny Sowers, Lexington 336-239-3020.

Long 445 tractor, 2,473 hrs., 3 pt, extra hyd, wgt bar on front w/full set wgts, GC, \$3,850. James Smith, Salisbury 704-636-1477.

JD drill, \$300; fert spreader, \$200; 140 tractor, \$4,200; 2 grain bins, \$400 ea; 1 pt Woods mower, \$800; other equip. Fred Wallace, Elon 336-380-1183.

NH feed grinder/mixer, GC, \$4,000; 1995 TerraGator 1803, \$30,000; 2006 JD 9660 combine, \$75,000. Angie McSwain, Norwood 704-984-2644.

2 Fordson Dextas, not running, \$3,500/both or parts; Itnl TD14A dozer for parts, \$1,500-\$2,500. Robert Humbles Sr., Ayden 252-746-6576.

Cat D7 dozer, 13 ft. blade, track spring broken, \$7,000 or parts; Prentice log loader for parts, \$100 & up. Robert Humbles Jr., Ayden 252-746-6838.

Mule drawn plows, drill, \$400; 2 planters, \$300 ea; turn plow, \$300. J.A. Greene, Kings Mountain 980-522-5752.

485 front end loader for Cub Cadet, \$2,000; JD LGT pedal tractor, \$1,500. Donovan Davis, Eagle Springs 910-585-0270.

Pull type sprayer, 200 gal, 8-roller pump, 20 ft. boom, \$1,000; pull type orchard rake, \$200. Jimmy Frye, Carthage 910-947-5910.

Magnetos, different makes & types, some w/gears, \$75 & up. Bill Payne, Madison 336-707-8840, 6-8 p.m.

2016 JD 625 moco, \$17,500; 2-basket tedder, \$800; 200 gal sprayer, \$1,700; all field ready. William Thomas, Pittsboro 919-742-6114 or 930-7401.

Bush hog cutter, 5 ft., 3 pt hitch attach, GC, \$500. James Fain, Greensboro 336-275-8368.



Equipment Wanted

Corral panels. Jim Chandler, Mt. Gilead 910-571-1448.

MF mowing machine for parts, model 238 or 41; will consider operative mower. Tom Shore, Pine Hall 336-970-3157.

Loader to fit MF 200 series tractor, GC, good paint. Lee Franklin, Lenoir 828-728-3146.



Farm Labor

Vert/horz mowing, ponds, dams, reclaiming property, shooting lanes, \$65/hr. + deliv. Roger McKenzie, Jackson Springs 910-528-2293.

Will rid farm or property of coyotes for free, ref avail. Matt Sink, Midway 336-978-5956.

Pasture cleanup/reseeding, brush hogging, down tree/brush removal, lawn reseeding, gravel driveway repair, \$50/hr. DeVane Williard, Randleman 336-362-6242.



Farm Labor Wanted

Crew w/wood splitter to split sectioned white & red oak for firewood; 2-3 men, around 8 hrs. or more. Greg Smith, Efland 336-214-4239.



Farmland For Sale

Land for sale must consist of at least 3 acres and be used for agricultural purposes, i.e. cultivation, raising livestock and/or other farm commodities.

Advertisers must indicate use of land.

Deer hunting land for 2020-2021 season, Guilford co, 2 persons only, \$2,500. Carl Clayton, Summerfield 336-643-3678.

35 ac+/- Deep Gap, bldg site, septic permit until 9/21, mostly trees, trout stream, fairly steep, \$145,900. Ken Nommsen, Pilot Mtn 707-591-1579, before 8 p.m.

30 ac Davidson co, paved rd 2 sides, reforested, NC Hwy 8 frontage, 800 ft. from High Rock Lake, \$300,000. Eric Wilson, Salisbury 704-202-4875.

12.78 ac Iredell co, rd frontage, creek, woods, tillable ac, \$135,000. Sarah Perry, Hamptonville 704-929-8719.

53 ac Bladen co, Elizabethtown, rd frontage, high elevation, 1 hr. to beaches; can divide sm ac, \$250,000. Thomas Andrews, Lumberton 910-827-3563.

22.38 wooded ac Orange co, Efland, mixed hardwoods, wildlife, forestry plan, suitable soils, \$10,000/ac. Jason Shepherd, Hillsborough 919-257-8316.

14 ac farm, cleared, fenced pasture, sm pond 2 lrg barns, brick home w/rd frontage, \$385,000. Pamela Foster, Mocksville 336-830-6048.



Farmland Wanted

Land for deer hunting for 3 people, Davidson co or w/in 50 mi, any size. David Watterson, Lexington 336-989-8829, treefarmnc@yahoo.com.



Horses & Supplies For Sale

PLEASE NOTE: All equine 6 mos. or older must have a current negative Coggins test. Advertisers must supply the accession number of test, the name of lab doing the test, the date of test and results for each equine advertised.

Miniature horse, 4 m/o, can be reg w/WCMHR, vet checked, current shots, can be gelded or kept intact, \$1,500. Angela Hyson, Manson 252-432-2022.

1999 CM 4-horse trailer, gooseneck, 20 ft. awning, living quarters, kept inside, \$5,000. Loyd Cox, Asheboro 336-879-5182.

Horse barn, 3-stall, tack room, hay loft, 1 ac pasture, new horse-safe fence; ref required, \$350/mo. Kent Whicker, Kernersville 336-207-9593.

1-horse carriage, GC, 2 leather seats, fringe top, solid tires, needs paint, shed kept, \$3,850. Bob Beasley, Lexington 336-239-7141.

Pasture board for horse to be incld in lesson program; on-site mgr w/exp, \$210/mo. Deborah Pearson-Moyers, Hillsborough 919-933-1444.

Female donkey, 3 m/o, blk, \$300 obo. David Lowe, Lowgap 336-325-5059.

Single work harness, \$350; single buggy harness, \$300; western saddle, \$350; Vaquero saddle, \$2,200. Cyrus Bowman, Colfax 336-420-0986 (d) or 996-1783 (e).



Horses & Supplies Wanted

Shetland pony for sm children, tame; female donkey. Edwin Hunter, Statesville 704-880-3494.

AQHA gelding, 9-15 y/o, approx 15h, for trailing & ring riding by exp, middle aged woman. Deborah Pearson-Moyers, Hillsborough 919-933-1444.



Hay & Grain For Sale

2020 orchard grass, orchard/fescue mix, fescue, horse/sheep/goat quality, \$5.50-\$8.50/sq bale; other avail. Barry Lindley, Pittsboro 919-742-4009.

Kentucky 31 tall fescue seed, 50 lbs., \$70. Mitchell Lingerfelt, Vale 704-473-7734.

Mixed grass hay, horse quality, \$4/sq bale. Mark Sloan, Olin 704-539-5356.

HAY & GRAIN

2020 horse quality hay, spring cut, no rain, \$4.25/bale. Vernon Hill, Mt. Pleasant 980-621-5091.

Mixed orchard grass, 2020 cut, 4x4 rnd, \$30/bale. Noel McCraw, Hendersonville 828-808-5803.

Fescue/orchard mix, 4x5 rnd, net or twine wrapped, no rain/weeds, discount for lrg orders, no deliv, \$40/bale. David Mesimer, Concord 704-791-8528.

2020 fescue, spring cut, horse quality, 4x5 rnd, no rain, shed kept, \$45/rl. Mike Hicks, Greensboro 336-451-5397.

Oat hay, high quality, 50-60 lbs.+, \$8/sq bale. Timothy Smith, Henderson 252-915-2419, smitht4657@gmail.com.

Coastal bermuda hay, deliv avail, sq bales, \$6; rnd bales, \$25 & \$35. Jim Newton, Rockingham 910-995-1223.

1st cut fescue, 4x4, twine & wrap, deliv avail w/in 50 mi radius, \$35 ea. Scott Beasley, Lexington 336-239-7602.

Coastal bermuda hay, sheltered, rnd bales, \$40 & \$45; sq bales, \$6. Phil Hood, Goldsboro 919-689-9798.

Peanut hay, rnd bales, net wrapped, can deliv 42 bales anywhere, \$30-\$35/bale. Larry Bullock, Greenville 252-883-4748.

Orchard grass/fescue mix, horse quality, 4x5 rnd, under shelter, no rain/weeds, \$40-\$45 ea; cow hay, \$35/rl. Jay Hohn, Archdale 336-289-3686.

Orchard grass/fescue mix, rnd bales, \$35; sq bales orchard grass, \$5; all horse quality. Johnny Sowers, Lexington 336-239-3020.

Horse quality hay, deliv avail, \$35/rl. H.O. Davis, Elon 336-260-7606.

**Livestock For Sale**

2 Jersey heifers, 2 y/o, reg, w/bull since 8/8/20, \$1,500 ea. Kenneth Young, Grassy Creek 336-384-3087.

Charolais bulls & heifers, pb, 7 m/o & up, polled, gentle, reg sires, \$850 & up. Johnny Harrison, Salisbury 704-639-0867.

Dun Galloway bull, belted, dob 1/19, gentle, dam red, reg, can deliv, \$2,500; 5 pb Beltie steers, 8 m/o, \$500 ea. Ann Furr, Rockwell 704-798-3460.

Boer buck, full blood, dob 4/18, \$350; Boer buck kids, dob 6/20, \$200 & up; fainting bucks, dob 2/20, \$85. Dodd Linker, Clemmons 336-712-2484.

Boer goat, 3 y/o, proven buck; young Boer/Kiko bilies w/color, \$150-\$500. Matthew Yoder, Union Grove 336-468-2530.

LIVESTOCK

Wye Angus bulls & females, EC, top 2% of Angus for grass conversion, \$1,300 & up. Jon Brubaker, Asheboro 336-465-0702.

Kiko/Boer kids, male, female, 6-7 m/o, \$185 & up; bred Brangus heifers & breeding age bulls, reg, \$2,500 & up. Evon Crooks, Mocksville 336-817-6890.

Pb Angus bull, 1 1/2 y/o, gentle, \$1,500; 2 male goats, 3/4 Nigerian dwarf, 1/4 Nubian, 1 1/2 y/o, gentle, \$125 ea. Missy Fine, New London 336-596-0234.

Boer/Nubian nanny, 5 y/o, \$260; adga buckling, dob 3/20, \$200; Boer/Nubian buckling, dob 6/8/20, \$100. L.A. Mize, Lexington 336-731-2888.

2 Red Lowline heifers, \$1,100 ea. Carl Bundy, Thomasville 336-259-0118.

Blk Angus bulls, reg, Cowboy Up & Freight Liner blood, weaned to breeding age, gentle, \$800 & up. Danny Dennis, Mt. Gilead 910-571-1114.

American milking Devon cows, calves, young bull, herd bull, \$800 & up. Gurney Davis, Trinity 336-431-6248.

Blk Angus bulls & heifers, weaning to breeding age, gentle, great bloodlines, \$750 & up. Harold Wright, Liberty 336-675-5011.

Nigerian Dwarf goats, adga reg, polled, CAE & Johns neg, 1 blue eyed, excel pedigree, \$350-\$400. Joey Hardin, Forest City 828-248-2125.

Blk Angus bulls, 13-15 m/o, reg, ai sires MGR Treasure, Blackhawk, Acclaim, others; deliv avail, \$2,000 & up. Henry Craven, Seagrove 336-257-0112.

Brangus heifer & bull calves, sell at weaning age, nice stock, \$700 & up. Caroline Cox, Ramseur 336-736-1866.

Simmental & SimAngus bred heifers, bred cows, pairs, 2 y/o bulls; ai sires, most w/papers, \$1,500-\$2,500. Philip Watson, Bear Creek 919-395-4090.

Blk SimAngus bulls, polled, bred for calving ease, muscle, growth, \$2,000-\$2,500. William Pyle, Franklinton 919-215-5677.

Polled Hereford bulls, \$700 & up. Randy Davis, Elon 336-263-8163.

Spanish goat bucks, 4 mature/breeding, \$350-\$400; 2 weaned bucklings, \$250 ea. Stan Holcomb, Siler City 919-345-9855.

Alpine dairy goats, yearling bucks, bucklings, disbudded, CAE free, dams/sires on site, \$200 & up. Leon Albright, Thomasville 336-250-7288.

**Poultry & Supplies For Sale**

Game chickens, various breeds/ages, \$25-\$100. Ernest Pinnix, Eden 336-627-9303.

POULTRY & SUPPLIES

Bantams, \$10 ea; CA white pullets, \$5 ea; other breeds; chicken coops, \$100 ea; sm crate kennels, \$5 ea. Roger Melville, Charlotte 980-355-5907.

Incubator & brooder, model 1270 & 1266, w/trays for sm, med & lrg eggs, \$450. Wade Boyd, Goldston 919-548-4989.

Quail: California, Blue scale, Gambel; 8 varieties bobwhite; partridge, chukar, other breeds, \$3 & up. Jimmy Furr, Stanfield 704-888-0213.

6,000 started pullets, vaccs, debeaked, \$8 & up. E.D. Snider, Staley 336-708-2998.

Columbian wyandotte & brown leghorn chickens, 1 1/2 y/o, \$12 ea. M. Smith, Pittsboro 336-376-8137.

Ruddy shelducks, \$100 ea; Australian blk swans, \$250 & up; Cape Barren geese, \$400 ea. Jim Simpson, Indian Trail 704-361-6497.

Chicken house cruster, model 3500, \$600. Jim Couick, Waxhaw 704-575-0519.

Small Animals For Sale

Mini rex rabbits, \$25 ea. Ray Phillips, Sanford 919-842-1853.

Tennessee redback rabbits, ground started, buy 10, get 1 free, \$10 ea. Mark Hinson, Goldsboro 919-734-7800.

**Seeds & Plants For Sale**

PLEASE NOTE: Individuals or businesses offering nursery stock for sale in North Carolina are required to obtain either a nursery or nursery dealer license. For more information, contact the NCDA&CS Plant Industry Division at 800-206-9333 or 919-707-3730.

Loofah sponge seeds, SASE + \$5/45 seeds. Billie Riley, 451 Airport Rd, Gastonia, NC 28056, 828-569-7333.

Blackberry plants, late season, sm & lrg, \$3-\$10. Robin Highfill, Julian 336-772-0010.

Carolina Star hibiscus, star-shaped crimson blooms, SASE + \$3 cash/25 seeds. Cecil Tilley, 463 Nurse Rd, Ararat, NC 27007, 336-374-4160.

Boxwood bushes, 2-5 ft., around 400 avail, buyer digs, \$10 ea. Rhod Lowe, Salisbury 704-202-9605, Mon-Sat, 8 a.m.- 6 p.m.

Muscadine & scuppernong plants, 5-6 ft., healthy, potted, instr incld, \$15 ea. Bob Whitaker, Mocksville 336-469-4822, no texts.

Cockscomb seeds, huge blossom head, crimson color, 18 in. stalk, about 200 seeds, SASE + \$3 cash. Barry Cox, 6225 Welborn Rd, Trinity, NC 27370.

Blueberry plants, early, mid, late season, many varieties, discount for lrg orders, \$3.50-\$15. Michael Crippen, Garland 910-529-1469.

SEEDS & PLANTS

Sunflower seeds, 12-14 lb. flower, 15-18 in. diameter, SASE + \$3/25 seeds; \$5/50 seeds. Norbert Smoot, 6227 Welborn Rd, Trinity, NC 27370.

**Seeds & Plants Wanted**

Running corn field peas, old timey type. Tom Jackson, Godwin 910-567-2978, tjack@intrstar.net.

**Supplies For Sale**

Gourds, for bird houses, crafts, lrg selection, \$1.25 ea & up. Denny Rollins, Mocksville 336-492-7223.

Metal burn barrels, \$10 ea; plastic barrels, open or solid, \$10 ea; 275 gal water totes, \$75 ea; other items. Jeff Britain, Hickory 828-327-4782.

Red Jacket pump motor, 5 y/o, \$150; brass foot valve, \$50. Timothy Mabe, Troy 910-572-3539.

Reading apple peeler, LN, instr incld, \$85; King Cutter manual meat grinder, VGC, \$45. Gary Williams, Granite Falls 828-396-2510.

Schedule 40 steel pipe, 4 in., 10 lengths, 21 ft., \$800; new Carlon water meter, 1 1/2 in. pipe, \$100. William Kirkpatrick, Salisbury 704-636-7538.

Gilbarco gas pumps, 9/\$350 ea; (1) Cherokee, \$100; (1) dispenser, \$300; (1) double pump, \$400. Phillip Herlocker, New London 704-982-0808.

Water Ace well pump, GE motor, \$25. Steve McLester, Locust 704-485-4632.

Fuel tank, 500 gal, above ground, used for home heating, no rust, \$500. Mark Sloan, Olin 704-539-5356.

Blk pvc pipe, 1,000 ft. rl, 1 1/4 in., 160 psi, never used, still in pkg, \$600. Fleming Lyon, Durham 919-667-5076.

Gas hoses w/nozzles, ready to use, \$10 ea, 6/\$50. Miles Little, Midland 704-791-1438.

Oak lumber, 1 in., air dried since 6/2019, \$2/bd ft. Brian Wingler, Apex 919-418-4229.

Fuel storage tank, 10,000 gal, below or above ground, corrosion resistant, \$3,500. Robert Humbles Sr., Ayden 252-746-6576.

Locust line posts, 2-hole, \$15 ea; hemlock rails, saw-split, \$13 ea. Eddie Moretz, Deep Gap 828-963-0883.

3 cases 1 gal buckets for berry picking, w/pail, \$90/case; drive socket set, 3/4 in., 21 piece, LN, \$75. Robert Campbell, Richfield 704-661-0232.

Metal fence posts, T-iron, 1 in. x 5 ft., around 500 pieces, \$0.75 ea. Michael Young, Rolesville 919-556-5449, after 5 p.m.

Iron milk stand, \$100. J.A. Greene, Kings Mountain 980-522-5752.

**Supplies Wanted**

Lrg nitrogen tank, stainless steel. Chris Morgan, China Grove 704-857-9363.

**Trucks & Trailers For Sale**

Farm trailer on Chevy Vega axle, \$50 obo; David Bradley frame, axle & gear box, \$35 obo. Steve McLester, Locust 704-485-4632.

1994 Ford F450, 9 ft. flat bed, gooseneck, \$5,500; cattle or horse trailer, 12 ft., \$3,000. Mitchell Tyler, China Grove 704-273-6800.

1993 Chevy 2500, rough shape, new motor, \$2,000 obo; 1983 GMC 7000, 16 ft. bed, needs brake work, \$2,000 obo. Duane Byrd, Erwin 910-890-2515.

Calico stock trailers, 16 ft. & bumper pull, \$5,895. Y.D. Saul, Elon 336-213-6292 or 260-7606.

1994 Toyota pickup, GC, good tires & interior, new clutch, needs motor, \$660. Peggy Hartsell, Oakboro 704-485-3667.

2003 Ford 150, VGC, 99,520 mi, 5.4 liter, hd tow pkg, new tires, orig owner, \$8,000. Laura Lee Matthews, Cameron 910-528-6505.

Slimline cover, red, used on 1989 Chevy short bed truck, GC, \$100. L.A. Mize, Lexington 336-731-2888.

1986 Chevy, 3/4 ton, 6.2 diesel, crew cab, gooseneck, bumper hitch, toolbox, well maintained, \$3,000. Harold Wright, Liberty 336-675-5011.

2007 Dodge 2500 Ram, 2wd, GC, crew cab, Cummins 6.7 diesel, 30,000 mi, short bed, \$25,500. David Lomax, Denton 336-688-5313.

1977 Ford F700, cab EC, tires GC, 370 eng, needs carburetor work, no bed, have title, \$1,000 obo. Wayne King, Lawndale 704-473-3299.

Stock trailer, 16 ft., gooseneck, \$3,350. H.O. Davis, Elon 336-260-7606.

Carolina 5th wheel trailer, 25 ft., 14,000 lbs. capacity, loading ramps, winch, tires EC, \$3,900. Tiny Simpson, Kernersville 336-830-2322.

**Trucks & Trailers Wanted**

1966 Ford pickup, short bed. Carl Clayton, Summerfield 336-643-3678.

Read more on ag

To keep up with the latest on the N.C. Department of Agriculture and Consumer Services, check out the department's blog at www.ncagr.gov/blog, where you can also find social media links.

Forsyth County Century Farm carries on cookie tradition

EDITOR'S NOTE: This year marks the 50th anniversary of the Century Farm program through the N.C. Department of Agriculture and Consumer Services and the N.C. State Fair. Every four years, Century Farm families are invited to a reunion celebration during the State Fair to recognize their achievement in farm ownership by a family for 100 years or more. Less than 2,000 farms have applied to be recognized as a Century Farm. We are highlighting some of these Century Farms to honor their family commitment to agriculture. To learn more about the program, go to www.ncagr.gov/paffairs/century/

In the 1840s, Evva Hanes' great-grandfather purchased the land that would be home to his family for over 100 years. The land continued to be passed down through the years, becoming the property of Evva and her siblings in the 1950s. In an attempt to keep the family land together, Evva bought each of her siblings' shares, reuniting the family farm. The family originally had about 60 acres of farmland in the Clemmons area. Since then, the family has purchased adjacent land, bringing the acreage up to about 100 acres.

Initially, the family operated a small dairy farm on the land. Evva and her husband, Travis, along with her father, later purchased beef cattle. Today, however, the family land is home to a pine

tree farm, plus a sweet surprise inspired by Evva's mother.

Evva's mother made cookies to supplement the family's farm income when Evva was a child. Today, Evva and her family continue to share her mother's cookies with customers around the world.

"Mother was making cookies when I was born in 1932, but I took it over in the early 1960s. At that time the cookies were being made in our home, which was legal back then. In 1970, we built a place separate from the house, and since then it's been added on to about 4 or 5 times."

Mrs. Hanes' Hand-Made Moravian Cookies are rolled and cut by hand, the same way they were made by Evva's mother so long ago. The business currently has about 35 employees, but that number increases during the Christmas season, their busiest time of the year. Throughout the year, the team prepares for the Christmas rush, preparing large amounts of ginger cookies in advance.

"The ginger cookies have a long shelf-life. They have no eggs or milk in them, so they get better with age. We bake those the first part of the year, then we start baking the other flavors after that."

The ginger cookie is the most popular of Mrs. Hanes' cookies, followed by sugar, lemon, black walnut, chocolate, and butterscotch. Evva's favorite, however, is the sugar cookie.

"Mother called them 'tea cakes', and that's what she made mostly.



Nobody else in Winston-Salem had a sugar cookie like she had, and they still don't. That was what I baked at first."

The group offers tours of the cookie facility, welcoming about 4,000-5,000 school children each year. Each stop on the tour offers an inside look at the cookie making

process, from mixing to packaging. The tour also features a stop at "Grandmother's Kitchen", which is modeled after the kitchen Evva's mother made cookies during the early 1900s.

Evva is now retired from the cookie business, typically helping only when needed during the



Christmas season. She enjoys spending her time gardening and cooking for her family.

"My favorite part of my retirement is cooking for my family and gardening. Those two go together; I pick stuff out of the garden and have it for dinner for them. We have dinner once a week, the whole family."

Family is important to Evva. She hopes that in the future her children and grandchildren will continue to operate the family farm and business in the same fashion that she and her husband have, while also taking care of the family's homeplace.

"We have a good family that gets together and loves each other, helps each other. We have our ins and outs too sometimes, but we all want the same thing for the family."

Baker Buffalo Creek Vineyard and Winery was once a dairy farm

Located in Cleveland County, Baker Buffalo Creek Vineyard and Winery operates on farmland that has been in the Baker family for quite some time. Ann Edwards, an owner of the vineyard, said her grandfather first used the family's farmland, growing corn for his federally licensed liquor. As a "gentleman farmer," Ann's grandfather farmed mostly for pleasure, operating a general store on the property as well.

The land was eventually passed down to Ann's father, who used the land as a dairy farm. Following his retirement, the land was farmed by a neighboring farmer until Ann and her husband, Charles, resumed the cultivation of the family's land.

The family's inspiration for Baker Buffalo Creek Vineyard and Winery came from a well-known wine region in the United States, Napa Valley. While visiting their daughter in California, Charles decided he wanted to grow his own grapes in North Carolina.

After a successful first harvest of chardonnay grapes, there was no turning back. The couple took viticulture and enology courses at Surry Community College, now growing a variety of grapes on 40 acres of land. In addition to chardonnay, the vineyard is also home to traminette, riesling, cabernet sauvignon, cabernet franc, merlot, and chambourcin grapes. Southern favorites, the scuppernong and muscadine, can also be found on the property.

The vineyard and winery can be found on Baker Creek in the rolling foothills of North Carolina. Many weddings are held on the property, while food trucks and live music also attract visitors. The property has also allowed for plenty of social distancing; the tables have been moved apart and visitors are also encouraged to have picnics on the land.

While Charles enjoys the red wines, Ann's personal favorite is the chardonnay. The most popular option at the vineyard, however, is the *Mule Barn Red*, which is a red muscadine wine.



This Cleveland County farm is one of nearly 2,000 Century Farms in the state. The farm's roots were in dairy production, but now produces wines from grapes they grow. The family's barn, pictured above, has been featured in Hillshire Farms commercial.

Baker Buffalo Creek Vineyard and Winery is best known for the wine, but the operation has another claim to fame. The family's barn may be recognizable to some; it is the red barn featured in Hillshire Farm's commercials. The barn was selected due to its resemblance to the barn found on the company's logo. Many people come to take photos with the barn.

Overall, Ann is especially happy to see her family's land alive and filled with people.

"When it was a working dairy farm there was all the hustle and bustle going on, and to be able to keep the farm alive gives me a lot of pride."

