

Agricultural REVIEW

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October 2024

Raleigh, N.C.

Got to Be NC companies go international 2024 N.C. State Fair to see new entertainment

Got to Be NC companies go international

Five Got to Be NC member companies will bring a taste of North Carolina to Germany when the Carolina Panthers take on the New York Giants on Sunday, Nov. 10, in Munich. Participating companies are:

- Bone Suckin' Sauce
- NC Sweetpotato Commission
- Olde Mecklenburg Brewing Co.
- Piedmont Distillers
- Southern Distillery

Tune in to catch all the action live on ESPN on Nov. 10 at 3:30 p.m.

Upcoming Ag Review ad deadlines

The following are deadlines to submit ads for the Agricultural Review newspaper.

- Oct. 1 for the November issue
- Nov. 1 for the December issue
- Dec. 1 for the January 2025 issue
- Jan. 2 for the February 2025 issue

Advance tickets now on sale online

The 2024 N.C. State Fair is busy getting ready for fairgoers and they will find a mix of new entertainment joining popular returning acts plus the addition of a number of new amusement rides at this year's fair.

New acts

The Strolling Piano will make its debut at the 2024 State Fair and this engaging act tends to attract quite a few "followers" during each performance. The piano itself is motorized and moves around the fairgrounds during each performance, so fairgoers often walk along with this roving act as the piano player takes requests and plays and sings popular songs that range from classic rock to Disney favorites. The Strolling Piano can

be found near Gate 2 behind Dorton Arena near the SkyGazer Ferris Wheel.

Returning to the State Fair after a brief hiatus is the Red Trousers Show, featuring the energetic and acrobatic duo of David Graham and Tobin Renwick who do in fact perform in red trousers. The pair's show combines balancing on each other's heads with juggling tricks, plus they will juggle fire sticks, and they also balance on a freestanding ladder while supported by strong audience volunteers with ropes. Be sure to check out this exciting and dynamic show daily on the brick patio area in front of Dorton Arena.

"Part of the success of the N.C. State Fair is the blend of time-honored acts and exhibits with new entertainment and shows," said Kent Yelverton, N.C. State Fair director. "Each year we seek to find the right mix to keep the fair fresh, but familiar."



Fairgoers take a ride at the 2023 N.C. State Fair in Raleigh.

Another new exhibit comes courtesy of the N.C. Distillers Association, where fairgoers 21 and older can purchase North Carolina made spirits and cocktails at the new Stillhouse Building located down from the Gate

7 entrance near Heritage Circle. Cost will be \$15 per drink with a limit of two drinks per person. The ride list is still being finalized as of press time, but exciting new (See What's New, pg. 3)

Millions awarded to N.C. food manufacturers

Agriculture Commissioner Steve Troxler announced \$12.4 million in awards that will focus on the expansion of current food manufacturers and processors with the goal of increasing value-added goods and products manufactured in the state. A total of eight projects that include produce, meat and dairy products received initial awards through the N.C. Agricultural Manufacturing and Processing Initiative (NCAMPI).

"We have been working to create more value-added opportunities for farmers and have been successful in lobbying the General Assembly for funds that will help strengthen our food supply. This provides a great benefit to both farmers and consumers," Troxler said. "This inaugural round of NCAMPI-funded products will increase farmer opportunities, reduce costs to both the farmer and consumer, result in more jobs and leverage \$63.4 million in private investment right here in North Carolina. We know our famers and growers need more options close by to process and

distribute their products and these projects will help address these needs."

NCDA&CS administers NCAMPI with funding provided by the General Assembly to increase N.C. agricultural manufacturing and food processing capacity. Following are the August 2024 grant recipients and projects, in alphabetical order by county:

- Johnson Breeders Inc. of Duplin County -- \$1 million for corn handling/drying
- Maola Milk of Guilford County -- \$980,600 for school milk production
- FlavorFull Slices of Henderson County -- \$220,000 for an apple slicer
- Origin Foods LLC of Iredell County -- \$2,297,000 for dairy equipment
- Ripe Revival of Nash County -- \$1,956,266 for vegetable processing
- Cardinal Foods of Pender County -- \$4,309,512 for sweet potato processing
- Foster Caviness of Pitt County -- \$158,152 for vegetable processing
- Mitchell's Meat Processing of Stokes County -- \$1,511,801 for livestock processing

From the tractor



Commissioner Troxler

We have got a lot of exciting events and celebrations of agriculture happening on the horizon that I wanted to share with readers. First off, the N.C. State Fair is this month, Oct. 17-27. We have been busy planning for this event since before the Fair wrapped up in 2023.

Agriculture remains at the heart of the State Fair, and you will see that throughout the grounds – in the show rings in the Jim Graham Building, through the horticultural exhibits and flowers

by Agriculture Commissioner Steve Troxler

and gardens, on signs highlighting our Farm Families of the Day presented by the Tractor Supply Company and in the Field of Dreams exhibit brought to you by N.C. Electric Cooperatives.

As one of the largest events in North Carolina, it takes time to pull it all together, but we are finishing up preparations as I write this. I hope you will plan to join us at the N.C. State Fair. On Monday, Oct. 21, we will be celebrating North Carolina Century Farm Families and that is going to be a great day.

These farm families represent the foundation of our state and rural communities. They take a great deal of pride in keeping their family farm in continuous family ownership for 100 years or more and they should. It is quite an accomplishment, and I am grateful we are able to celebrate these families every four years in Raleigh.

My wife Sharon and I had a chance to meet with some Century Farm Families from Western North

Carolina while we were at the Mountain State Fair in September and what an honor it was to hear their stories and meet with family members. It was particularly rewarding seeing some of the younger generations of these families talk about wanting to carry on the family tradition of farming.

I still have a way to go before my farm can qualify as a Century Farm, but that will be a happy day for me when it does.

Another event that is fast approaching is the inaugural Farmer Appreciation Day on Nov. 14. The N.C. Grange is leading the way on this effort, along with the support of the N.C. Department of Agriculture and Consumer Services, the N.C. Farm Bureau and commodity groups across the state.

As Agriculture Commissioner I am probably a bit biased, but we could have a farmer appreciation day every day and it still wouldn't be enough thanks for the people who produce our food and fiber for clothing.

We are blessed to have so much

agricultural diversity in this state. There are not too many commodities North Carolina farmers cannot grow and that means that we as consumers enjoy the fruits of their labor every day. Since I took office in 2005, we have seen agriculture and agribusiness in North Carolina grow from a \$59 billion industry to the \$111.1 billion industry it is today. That's an 88.3% increase in economic impact since 2005. Farm gate receipts have doubled from over \$8.3 billion to over \$16.8 billion.

I am proud that North Carolina has designated a day to recognize hardworking North Carolina farmers and farm families, especially this year with all its challenges. Farmers need our support now more than ever and to know what they do matters and is appreciated.

I want to thank the N.C. Grange and specifically Grantham Grange for

(See Troxler, pg. 5)

Agricultural Review

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Andrea E. Ashby Editor
 Jamey Cross Managing Editor
 Jackie Bullock Ads & Circulation Mgr.
 Heather Overton Staff Writer
 Brandon Herring Staff Writer
 Taylor Parrish Social Media

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PHONE: 919-707-3001

Steve Troxler
 Commissioner

DIVISIONS

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 Emergency Programs Kelly Nilsson
 Farmland Preservation Evan Davis
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Farm Family of the Day returns



The Jack Pait family will be recognized as the N.C. State Fair Farm Family of the Day on Oct. 26.

The N.C. State Fair's Farm Family of the Day, sponsored by Tractor Supply Company, is returning for its fourth year to recognize and celebrate more of our state's rich agricultural heritage and the farm families that are behind our \$111.1 billion agriculture and agribusiness industry.

"The N.C. State Fair's earliest beginnings sought to elevate the understanding of new agricultural practices and technology. Today, one of agriculture's biggest challenges is helping people make the connection between farming and the food they enjoy," said Agriculture Commissioner Steve Troxler. "Farm families tell that story the best because they are out there every day working hard to grow the food, fiber and fuel we need. We are looking forward to recognizing these eleven farm families at the 2024 N.C. State Fair."

The families were nominated either

by family or community members for their hard work and dedication to our state's No. 1 industry, as well as their overall love for the N.C. State Fair. The lucky winners were chosen at random. Each farm family is assigned a specific day of the 2024 N.C. State Fair, taking place Oct. 17-27, where they will be honored through public address announcements and on-grounds signage, as well as features on both the N.C. State Fair and the NCDA&CS blogs and social media platforms. Follow along on those outlets to learn about each farm and what made them stand-out candidates for this year's program. Each family also receives an N.C. State Fair prize pack, including fair tickets to use on any day of their choosing. Congratulations to all the winners and we look forward to seeing you at the 2024 N.C. State Fair!

The 2024 N.C. Farm Families are as follows:

- Thursday, Oct. 17: Shoaf Farms, Winston-Salem (Forsyth County)
- Friday, Oct. 18: Red Barn Farm, Stanfield (Stanly)
- Saturday, Oct. 19: Flavor Full Farms, Hendersonville (Henderson)
- Sunday, Oct. 20: MariBees Boer Goats, Rockwell (Rowan)
- Monday, Oct. 21: Walker Farms, Concord (Cabarrus)
- Tuesday, Oct. 22: Pope Farms, Knightdale (Wake)
- Wednesday, Oct. 23: R&B Farms AKA R&B Rhyne Farm LLC, Angier (Harnett)
- Thursday, Oct. 24: Lutterloh Farm, Pittsboro (Chatham)
- Friday, Oct. 25: Overman Farms in Goldsboro (Wayne)
- Saturday, Oct. 26: Jack Pait Strawberry Farm, Lumberton (Robeson)
- Sunday, Oct. 27: Sunset-Acres, King (Stokes)

Bucolic Briefs

Feral Swine Field Day: The N.C. Department of Agriculture and Consumer Services Veterinary Division is partnering with area Soil and Water Districts to develop a feral swine trapping program. Through a loaner program, local districts will provide citizens with access to swine traps. Join us for this informational workshop at the Simpson Event Center in Monroe on Nov. 2 from 10 a.m. to 2 p.m. to learn more about trapping feral hogs and the process for requesting a trap.

Lunch will be provided. Register by Oct. 18. For more information and to register: 704-324-9223; andy.cranfill@unioncountync.gov.

Three inducted into MSF Livestock Hall of Fame

Agriculture Commissioner Steve Troxler inducted dairy farmers Ralph and Barbara Ross and longtime Western NC advocate L.T. Ward into the N.C. Mountain State Fair Livestock Hall of Fame during the fair's opening weekend. These individuals were inducted for their longtime support to the fair and the livestock industry in Western North Carolina.

"We are fortunate to have many agricultural families that put their heart and soul into the livestock programs and the Mountain State Fair," said Agriculture Commissioner Steve Troxler. "Ralph and Barbara Ross and L.T. Ward are a big part of what makes these programs a success. I am honored to present them with this award and thank them for their support."

Ralph and Barbara Ross of Ross Dairy of Waynesville has been supporting the livestock community in Western NC for more than half a century.

"Over the years, hundreds of young people from 4-H camps, young farmer and ranchers, FFA groups and school groups have benefited from Ralph and Barbara and their dairy cattle," said Troxler. "Many young people may not have been able to show dairy cattle had it not been for their generosity in sharing time and resources. They have been a part of the Mountain State Fair



Agriculture Commissioner Steve Troxler inducted Ralph and Barbara Ross (left) and L.T. Ward (right) into the N.C. Mountain State Fair Livestock Hall of Fame during the fair's opening weekend in September.

livestock shows as well as their own Haywood County Fair for decades."

For more than 60 years Ralph and Barbara have managed Ross Dairy. Ralph as a dairy farmer and Barbara as the bookkeeper and homemaker. They have three children, Deana, Ferguson and Hank, six grandchildren and six great grandchildren plus another one due in January.

The Ross children and grandchildren all grew up showing dairy cattle.

Ralph has served on the Haywood County Fair Board and Haywood County Planning Board. He also served on the Haywood County Farm Bureau Board of Directors. As a director he has represented Haywood County and the North Carolina State Dairy Advisory Committees. Both Ralph and Barbara

have also served on many committees for Haywood County Farm Bureau. In 2001, they were named the Area 1 Soil and Water Conservation Family of the Year. In 2015, the Ross' were honored with a tribute of service award for excellence in agriculture and service to agriculture in Haywood County.

"The Ross family has an attitude of service towards their community," said Troxler. "They are always willing to help with anything that needs to be done. Whether it is providing animals or hauling saw dust, they are there to support the livestock programs and youth."

LT Ward, is a longtime board member of WNC Communities. "All of us in North Carolina, and especially western North Carolina owe a debt of gratitude to the lifelong work of LT in



improving and growing agriculture in our state," said Troxler. One of his biggest accomplishments has been his leadership in developing a plan for meeting the needs of livestock producers in Western North Carolina with the creation of the WNC Regional Livestock Center in Canton. Opened in 2011, sales have reached over \$130 million with an economic impact to the region totaling over \$150 million. With thousands of buyers and sellers using this facility, this center has an incredibly positive impact for livestock producers and family farms.

WNC Communities, with LT's leadership, are custodians for the WNC Beef Cattle Commission and WNC Dairy Commission. For decades, these programs have supported Junior

Beef and Junior Dairy Shows at the Mountain State Fair. It is with his continued support that the programs at the fair continue to grow and benefit countless youth.

"Anyone who knows LT will tell you that his driving mission in life has been to improve the quality of life in rural western North Carolina," said Troxler. "He does this by making connections between nonprofits, government agencies, funding groups and businesses. So many organizations, including the WNC Ag Center and Mountain State Fair have benefited from his efforts. I have had the honor to work with LT on many projects over the years and admire his leadership and make-it-happen attitude."

N.C. farmers to grow Chinese medicinal herbs

Chinese medicinal herbs are known for being a natural and holistic way to treat what ails you. As demand grows for those types of herbs in the United States, agricultural research is exploring how to help North Carolina farmers not only grow the herbs but grow them on a large enough scale to be a profitable endeavor. That's the main goal of one particular research project – a relatively new project that comes after decades of interest and research efforts.

So far, the research shows it's not a far-fetched idea for Chinese medicinal herbs to become a profitable crop in the state. For starters, there are geographic and climatological similarities between western North Carolina and areas in China where medicinal herbs grow.

"The goal is to contribute to the limited commercial production resources that are available for growing Chinese herbs in North Carolina," explained N.C. State University researcher Dr. Jeanine Davis. "Just like with so many other herbs, when people go to produce them commercially, the material available to them is all home-gardener information, and what works for a few plants or a little home garden isn't necessarily practical or feasible on a commercial scale.

"So that's what we're trying to do is help with production on a commercial scale and provide a new opportunity for farmers to explore a new crop."

A grant from the North Carolina Department of Agriculture is funding the research project. Specifically, the funding comes through the department's New and Emerging Crops Program, which is a grant program approved by the N.C. General Assembly.

The project's home base is the Mountain Horticultural



Research assistant tends to Chinese medicinal herb root crops at the Mountain Research Station in Waynesville.

Crops Research and Extension Center in Mills River just outside Asheville where Davis is an associate professor and extension specialist in the Department of Horticultural Science at N.C. State University.

To reach the goal of moving toward commercial production, a big focus is on yield trials that help figure out how productive the herbs can be in the state, explained Margaret Bloomquist, a research scholar in Davis' program. Those trials are on the research station in Mills River, on another research station in Waynesville and also on two farms in Buncombe County – one where shade herbs are the focus and another for sun-loving species of Chinese medicinal herbs.

"Another focus is to source and propagate the plants to have the quantity needed for commercial production because another gap is the lack of

availability of seeds and planting stock for Chinese medicinal herbs in North America," Bloomquist said. "Many of these species are perennial root crops with unusual requirement. These types of crops may present a learning curve for farmers, so we're working on establishing best practices in regard to growing perennial root crops in our current agricultural system."

The growing efforts have revealed that many of the herbs don't have many disease or insect issues at this scale, and they require little fertilizer relative to other crops. Bloomquist said the low-input nature is especially appealing to small growers, those who have been in vegetable production and those interested in organic farming. The perennial nature of many of the herbs is also interesting to growers looking to reduce labor and mitigate soil needs involved in turning over

a field every season, she said. Even some of the harvest timeframes are positive attributes because they fall during times when other crops don't need to be harvested and they provide season extension to diverse operations.

Davis and Bloomquist said Asheville and surrounding mountain areas already have Chinese herb gardens and practitioners who use and sell Chinese medicinal herbs. There have also been some seminars and buy-and-sell events put on by their program where growers can connect with users, buyers and other growers.

A partnership with Thomas Avery Garran has also been helpful. Garran lived in China for many years before returning to the United States. He's helped translate one of the major Chinese medicinal herb books into English so that people like Davis and Bloomquist can use it as an information source.

"He's been a great partner because he was able to – with all his contacts in China – help find sources for seeds for the project. He's really knowledgeable about these plants. He is an herbalist, so he also knows how to use them," Davis said. "That's what makes these so different. We're used to working with crops like potatoes and tomatoes and peppers that all have USDA grade standards that tell you whether you've done a good job or not. Having these herbalists that really know the herbs come, they can smell it and taste it and look at it and give us a good quality assessment."

A next step is to dig deeper into post-harvest handling such as washing and drying the herb crops. Bloomquist said that could involve pursuing a follow-up grant.

For now, they're focusing on the scope of the current project, which Davis said wouldn't be possible without the funding from the New and Emerging Crops Program.

"The biggest chunk [of the grant award] goes to paying the staff to work on the project," Davis said. "So it gives us the staff to do this work, and it allows us to maintain people in the program to develop that continuity that we need so someone becomes an expert within our program and we're not just hiring temporaries to come in and work a season."

Davis also said the grant funding pays for supplies and travel because the researchers need to get out and observe test sites and visit partners or field experts.

"Programs like mine don't have operating budgets. When the public expresses an interest in something and wants us to work on something – whether it's herbs or hops or ginseng – we have to go find the funding to make it happen," Davis said.

(See Herbs, pg. 4)

What's New

(Continued from pg. 1)

additions includes a 210-foot giant slide and a new funhouse.

GoRaleigh shuttles return to offer a provide park-and-ride route daily from The Triangle Town Center Shopping Mall to the fairgrounds. The non-stop express shuttles run every 30 minutes from 8:30 a.m. until fair closing. Cost is \$5 round trip, or \$4 one way and tickets can be purchased in advance through the UMO app. Half-price fares offered for seniors and passengers with disabilities. Kids under 40" tall ride for free. Look for the park and ride signs near the Dillard's parking lot.

In the Flower and Garden Show area, look for new pumpkin carver Jim Bille Creatives for tips and techniques for creating realistic looking, but orange-colored faces on pumpkins. Fairgoers won't want to miss this talented artist.

Celebrating 20 years – Field of Dreams and Working Tobacco Barn

This year, the Field of Dreams exhibit presented by North Carolina's Electric Cooperatives and the working tobacco barn in Heritage Circle are both celebrating



A blue-ribbon sheep from the 2023 N.C. State Fair.

their 20th year educating fairgoers about North Carolina agriculture.

Stroll through the Field of Dreams exhibit and see some of North Carolina's leading crops growing right in the ground beside Dorton Arena. Over the years, new features have been added to the exhibit including

a coloring contest, free kiddie rides on battery-powered Jeeps and tractors, and a photo-op area to take your picture from your "day on the farm."

Down in Heritage Circle, check out the working tobacco barn to see the curing process. If you are there on the first Friday, you can help fill

the barn with tobacco and learn how to string or tie tobacco onto a stick for curing. There is a tobacco tying contest at 2 p.m. where anyone is welcome to sign up to compete as a three-person team of a stringer and two handers. If you are at the fair on the second Friday, stop by the Tobacco

Pavilion at 2 p.m. for the annual mock tobacco auction to see how the Golden Leaf was traditionally sold.

Other popular returning free grounds acts include The Birdman: World Class Bird Show featuring birds of prey; Rock-It the Robot; Ember Fire Arts; Agri-cadabra - the Magic of Agriculture; and Hot Diggity Dog – a dog and hog act. The Homegrown Music Fest is also returning to the fairgrounds with an impressive lineup of performers. Over 40 musical performers will grace the Waterfall and Heritage Circle stages at the N.C. State Fair this year.

The 2024 N.C. State Fair will run Oct. 17-27 at the North Carolina State Fairgrounds in Raleigh. The fair offers an experience unique to North Carolina for all who attend, and is an unparalleled value with free entertainment, thrilling rides and games, thousands of animals, endless family activities, competitions, vendors, and creative deep-fried delights. For more information, visit www.ncstatefair.org.

Winners: 2024 Mountain State Fair livestock shows

The following are winners in the N.C. Mountain State Fair's opening weekend poultry, rabbit, sheep, goat and beef cattle categories:

Youth Poultry Show

Overall Champion - Poultry Standard, Commercial Egg Layer and Guinea Show shown by Benjamin Gaddy, Buncombe County; Overall Reserve Champion - Poultry Standard, Commercial Egg Layer and Guinea Show shown by Aubree Coggins, Henderson County; Youth Poultry Standard Champion and Reserve Champion shown by Aubree Coggins, Henderson County; Youth Commercial Class Egg Layers Champion shown by Benjamin Gaddy, Buncombe County; Reserve Champion shown by Colton Robbins, Rutherford County; Youth Poultry Egg Show Best of Show: White Shelled Eggs shown by Colton Robbins, Rutherford County; Brown Shelled Eggs shown by Maggie Jo Bryant, Buncombe County; Blue/Green Shelled Eggs shown by Bentley Buckner, Buncombe County.



Winners from the 2024 N.C. Mountain State Fair poultry shows.

ARBA Youth Rabbit Show

Best Rabbit in Show: Show A shown by Shiloh Breeding, Wilkes County; Show B shown by Kaylee Martin, Haywood County; Best Reserve Rabbit in Show: Show A and Show B - Shown by Zane Capps, Henderson County; Showmanship Champions: Junior Youth 8 and under -- Aubree Coggins, Henderson County; Intermediate Youth 9 - 13 years old -- Zane Capps, Henderson County; Senior Youth 14 - 18 years old -- Sam Gantt, Yancey County.

ADGA Dairy Goat Show

Showmanship Champions: Junior Fitting and Showing, 9-12 year olds -- Landon Poole, Rowan County

Open Junior Doe Show

Best of Show shown by Melanie Ferguson, Madison County; Nigerian Dwarf - Junior Doe: Grand Champion and Reserve Grand Champion shown by Josie Kirby, Caswell County; Oberhasli - Junior Doe: Grand Champion and Reserve Grand Champion shown by Roslyn Noar, Johnston County; Saanens - Junior Doe: Grand Champion

shown by Morgan Owen, Madison County; Reserve Grand Champion shown by Chris Owen, Madison County; Toggenburgs - Junior Doe: Grand Champion and Reserve Grand Champion shown by Melanie Ferguson, Madison County; Alpines - Junior Doe: Grand Champion shown by Emberlynn Dowd, Surry County; Reserve Grand Champion shown by Maggie Arnold, Transylvania County; Reserve Grand Champion shown by Trindle Beaver, Bladen County.

Open Senior Doe Show Champions

Nigerian Dwarf - Senior Doe: Grand Champion shown by Josie Kirby, Caswell County; Reserve Grand Champion shown by Abigail Whitney, Clarke County; Nigerian Dwarf - Champion Challenge shown by Josie Kirby, Caswell County; Nigerian Dwarf - Premier Exhibitor Abigail Whitney, Clarke County; Oberhasli - Senior Doe Grand Champion and Reserve Grand Champion shown by Roslyn Noar, Johnston County; Oberhasli - Champion Challenge

shown by Roslyn Noar, Johnston County; Oberhasli - Premier Exhibitor Roslyn Noar, Johnston County; Recorded Grades - Champion Challenge Melanie Ferguson, Madison County; Saanens - Senior Doe Grand Champion shown by Morgan Owen, Madison County; Reserve Grand Champion shown by Melanie Ferguson, Madison County; Saanens - Champion Challenge shown by Cullen Owen, Madison County; Saanens - Premier Exhibitor Melanie Ferguson, Madison County; Toggenburgs - Senior Doe Grand Champion shown by Melanie Ferguson, Madison County; Reserve Grand Champion shown by Cullen Owen, Madison County; Toggenburgs - Champion Challenge Melanie Ferguson, Madison County; Toggenburgs - Premier Exhibitor Melanie Ferguson, Madison County; Alpines - Senior Doe Grand Champion shown by Cullen Owen, Madison County;

(See Livestock results, pg.5)

Herbs

(Continued from pg. 3)

A backstory that's decades old

The roots of Davis's work on Chinese medicinal herbs in North Carolina go back to at least the early 90s. Back then, ginseng scientist Che Xizhe from China was working in her research program at the station in Mills River, and he started exploring whether any of the vegetables or other plants on the station had medicinal properties. By 1992, the curiosity led to working with Joe Hollis who operated Mountain Gardens, an apothecary and medicinal herb gardens in the Mount Mitchell/Burnsville area. As exploration turned to research, Hollis was a consultant for Davis and her team until he died in November of 2023.

"He was one of the most knowledgeable people about Chinese medicinal herbs that I've ever met," Davis said.

By the time Hollis died last fall, Davis had begun the current research project that got funding through the NCDA&CS New and Emerging Crops Program.

Before Davis got the grant, she and her team had been trying for several years to get funding to research Chinese medicinal herbs in North Carolina. Finally, in 2009 Mayland Community College offered a grant for some initial research. That project involved Hollis, Barry Thorne of Golden Needle acupuncture and herbal supply near Asheville, some local extension agents and even a consultant in New York - Jean Giblett of High Falls Gardens.

Giblett had encouraged Davis many times to do more exploration about whether Chinese medicinal herbs would grow well in North Carolina. She had her own experience with the topic, having worked with the University of Massachusetts at Amherst.

"Every time we met at a conference, she would bring it up [and say] 'Jeanine, you need to do this,'" Davis explained. "And we wrote so many grant proposals together and with others for years trying to get funding, but nobody was interested because it wasn't a thing yet."

At the time, the New and Emerging Crops Program didn't exist, nor did the USDA Specialty Crops Block Grant Program, which Davis has also used

to fund projects. So the grant from Mayland Community College made it possible to plant Chinese medicinal herbs in western North Carolina, to test their success and propagate plants.

"What we were really after was trying to see what plants would thrive where," Davis said. "We found that some things did really, really poorly here in the southern mountains, but you got up into a much higher elevation, and they did really well. When we had visitors come in from China they were not surprised at all by those results."

In the years since that project, members of Davis's crew continued to maintain the herbs that had been planted. Some additional funding helped with that maintenance and ongoing observations. Thorne continued to work with anyone growing Chinese medicinal herbs locally, and in his catalogue of herbs, he designated which herbs he sourced from the region.

"It's still hard convincing practitioners that we can produce the quality (of herbs) that may be superior to material we're getting imported," Davis said. "So that led us to the 2023 New and Emerging Crops Program grant."

North Carolina Farmers Appreciation Day to be held next month



The Inaugural North Carolina Farmers Appreciation Day (NC FAD) celebration on Nov. 14 is fast approaching. The North Carolina Grange is the lead organization of this annual day in collaboration with many North Carolina commodities: the N.C. Department of Agriculture and Consumer Services, and the N.C. Farm Bureau. We all are proud to be a part of spearheading this campaign and we are committed to supporting it year after year.

A designated date to show appreciation to all North Carolina Farmers was introduced at the beginning of the 2023 North Carolina Legislative Session. A Grange Resolution passed by Grantham Grange and then passed by the N.C. Grange membership at the annual convention was the impetus. After discussions with the Agriculture Committee Leadership at the General Assembly, Rep. Jimmy Dixon of Duplin County and senior chair of the House Agriculture Committee was honored to craft a bill for recognizing a North Carolina Farmers Appreciation Day; and so it was that the second Thursday in November is set aside as a day of appreciation and recognition for all North Carolina farmers and farm families.

In anticipation of Farmers Appreciation Day, the NC Grange along with our partners' support has rolled out social media campaigns on Facebook and Instagram. We strongly urge everyone to follow along on social media (@NCFarmerAppreciation). In addition to the social media campaign, you can log on to the website at www.ncfarmerappreciation.com to get information on the 2024 Farmer and Young Farmer of the Year applications as well as updates, beautiful photography and posts from North Carolina farm families.

As part of the social media campaign, the NC Farmers Appreciation Day committee has worked with CBS17's program "On Carolina Soil with Emily Wagner" on four spots to showcase NC Farmers Appreciation Day. For a state that ranks third in agricultural diversity and has an economic impact of over \$100 billion dollars annually, we feel strongly that North Carolina Farmers are deserving of a day set aside for all they do to provide food and fiber to all of us. They help make North Carolina the great state that it is. Nobody does agriculture with such compassion and collaboration than North Carolina. We have so much to be proud of.

Please join us as we celebrate all of our North Carolina farmers and farm families on Nov. 14 from the Mountains to the Sea!

Horse Events

Southeastern Ag Center, Lumberton 910-618-5699

- Oct. 7..... Horse and Tack Sale. Contact Brad Stephens, 828-390-0878.
- Oct. 19..... Border Belt Horseman's Association Open Show. Contact Jerry King, 910-237-4525.
- Nov. 2 & 3 Carolina Paint Horse Association. Contact Lori Smith, 336-309-9470.
- Nov. 4..... Horse and Tack Sale. Contact Brad Stephens, 828-390-0878.
- Nov. 9 & 10 Cowboy Mounted Shooting. Contact Pamela Lohery, 540-570-8785.
- Nov. 16 Da Bomb Barrel Racing. Contact Josh Smith, 910-639-6387.

Sen. Bob Martin Agricultural Center, Williamston, 252-792-5111

- Oct. 3-6..... 9th annual Da Bomb Barrel Racing Finale. Contact Josh Smith, 910-639-6387.
- Oct. 11&12 East Carolina Black Rodeo & Trail Ride. Call 313-231-6775.
- Oct. 19 & 20 NCHJA "C" Horse Show. Contact Emily Bates, 252-378-4474.

WNC Ag Center, Fletcher 828-687-1414

- Oct 3-5..... NC Championship Walking Horse Show. Contact Myra Helton, 704-718-4152.
- Nov.8-10..... Bull Mania. Contact the WNC Ag Center, 828-687-1414.

Gov. James B. Hunt Jr. Horse Complex, State Fairgrounds, Raleigh, 919-821-7400

- Oct. 2-6..... N.C. State Fair Hunter Jumper Show. Contact Joan Petty, 919-669-9877.
- Oct. 16-19..... N.C. State Saddlebred Shows. Contact Liz Holmes, 919-365-5149.
- Oct. 20-24..... N.C. State Fair Horse Shows. Contact Equine Event Planning, 336-908-3302.
- Oct. 20-27..... N.C. State Fair Open Horse Shows. Contact Equine Event Planning, 336-908-3302.
- Nov. 1-3..... NCHJA "C" Indoors. Contact Joan Petty, 919-669-9877.
- Nov. 6-10..... Jump for the Children/ Duke. Contact Joan Petty, 919-669-9877.
- Nov. 13-17 Jump for the Children II/ Duke. Contact Joan Petty, 919-669-9877.

*Show dates are subject to change. Call ahead to confirm.

Livestock results

(Continued from pg. 4)

Reserve Grand Champion shown by Cullen Owen, Madison County; Alpines – Champion Challenge Shown by Cullen Owen, Madison County; Alpines – Premier Exhibitor Cullen Owen, Madison County; Reserve Grand Champion shown by Melanie Ferguson, Madison County; Best Doe In Show Overall Shown by Melanie Ferguson, Madison County; Best Udder In Show Overall Shown by Genevieve Cranford, Randolph County; Best Dairy Herd in Show Overall Shown by Cullen Owen, Madison County.

Youth Junior Doe Show

Reserve Grand Champion shown by Landon Poole, Rowan County; Recorded Grades – Junior Doe: Grand Champion shown by Morgan Buckner, Buncombe County; Reserve Grand Champion shown by Genevieve Cranford, Randolph County; Alpines – Junior Doe: Grand Champion shown by Emberlynn Dowd, Surry County; Reserve Grand Champion shown by Ellynor Dowd, Surry County; LaManchas – Junior Doe: Grand Champion and Reserve Grand Champion shown by Genevieve Cranford, Randolph County; Nubians – Junior Doe: Grand Champion and Reserve Grand Champion shown by Trindle Beaver, Bladen County.

Youth Senior Doe Show Champions

Nigerian Dwarf – Senior Doe: Grand Champion shown by Landon Poole, Rowan County; Reserve Grand Champion shown by Abigail Gabriel, Oglethorpe County, Ga.; Oberhasli – Senior Doe: Grand Champion shown by Arlie Smith, Cleveland County; Saanens – Senior Doe: Reserve Grand Champion shown by Genevieve Cranford, Randolph County; Alpines – Senior Doe: Grand Champion shown by Morgan Buckner, Buncombe County; Nubians – Senior Doe: Grand Champion shown by Trindle Beaver, Bladen County; Best Doe In Show Overall shown by Trindle Beaver, Bladen County.

Junior Meat Breed Sheep Shows

Junior Meat Breed Sheep Showmanship Champions: Novice Youth 8 years old and under – Valerie Poole, Wake County; Junior Youth 9 – 13 years old – Ceily Bledsoe, Surry County; Senior Youth 14 - 18 years old – Lydia Wilson, Rowan County; Senior Plus Youth 19 - 21 years old – Anna Hill, Stokes County; Junior Market Lamb Show Champions: Grand Champion and Reserve Grand Champion shown by Lydia Wilson, Rowan County; Got to Be NC Grand Champion and Reserve Grand Champion shown by Lydia Wilson, Rowan County.

Junior Meat Breed Ewe Show Champions

Dorset Jr. Meat Breed Ewe Champion and Reserve Champion shown by Valerie Poole, Wake County; Got to be NC Champion and Reserve Champion shown by Valerie Poole, Wake County; Hampshire Jr. Meat Breed Ewe: Champion shown by Lydia Wilson, Rowan County; Reserve Champion shown by Abigail Wilson, Rowan County; Got to Be NC Champion shown by Lydia Wilson, Rowan County; Got to Be NC Reserve Champion shown by Abigail Wilson, Rowan County; Southdown Jr. Meat Breed Ewe: Champion shown by Ceily Bledsoe, Surry County; Reserve Champion shown by Caleb Shaw, Davie County; Got to Be NC Champion shown by Caleb Shaw, Davie County; Got to Be NC Reserve Champion shown by Alivia Show, Davie County; Katahdin Jr. Meat Breed Ewe: Champion shown by Maggie Deal, Rowan County; Reserve Champion shown by Guy Deal, Rowan County; Got to Be NC Champion shown by Guy Deal, Rowan County; Got to Be NC Reserve Champion shown by Mason Mills, Anson County; Dorper Jr. Meat Breed Ewe: Champion shown by Abigail Wilson, Rowan County; Reserve Champion shown by Tori Cregar, Davie County; Got to Be NC Champion shown by Abigail Wilson, Rowan County; Got to Be NC Reserve Champion shown by Tori Cregar, Davie County; Other Purebreds Jr. Meat Breed Ewe: Champion shown by Lauren Hayes, Rowan County; Reserve Champion shown by Marylynn Overcash, Iredell County; Got

to Be NC Champion shown by Lauren Hayes, Rowan County; Got to Be NC Reserve Champion shown by Alivia Shaw, Davie County; Commercial Jr. Meat Breed Ewe: Champion shown by Brantley Meadows, Buncombe County; Reserve Champion shown by Ceily Bledsoe, Surry County; Got to Be NC Champion shown by Ceily Bledsoe, Surry County; Got to Be NC Reserve Champion shown by Lydia Wilson, Rowan County; Commercial Hair Jr. Meat Breed Ewe: Champion shown by Cayleigh Shaw, Davie County; Reserve Champion shown by Aubrey Barnhart, Davie County; Got to Be Champion shown by Cayleigh Shaw, Davie County; Got to Be Reserve Champion shown by Aubrey Barnhart, Davie County; Grand Champion Jr. Meat Breed Ewe (Overall): Champion shown by Brantley Meadows, Buncombe County; Reserve Grand Champion shown by Lydia Wilson, Rowan County; Got to be NC Grand Champion shown by Lydia Wilson, Rowan County; Got to be NC Reserve Grand Champion shown by Ceily Bledsoe, Surry County.

Junior Beef Cattle Shows

Junior Beef Cattle Showmanship Champions: Novice Showmanship – ages 8 and under -- Adeline Painter, Catawba County; Junior Showmanship – ages 9 – 13 -- Peyton Taylor, Caldwell County; Senior Showmanship – ages 14 – 18 – Shelby Candler, Buncombe County; Senior Plus Showmanship – ages 19 – 21 -- Rex Howard, Cleveland County; WNC Dairy Steer Project – ages 8-13 -- Addison Allen, Yancey County; WNC Dairy Steer Project – 14-18 -- Kierra Ripley, Buncombe County; Open Junior Beef Steer Show: Grand Champion shown by Karissa Collins, Macon County; Reserve Grand Champion shown by Ben Holland, Macon County; Got to Be NC Grand Champion Karissa Collins, Macon County; Open Market Steer: Grand Champion shown by Gracie Giles, Anderson County, Tenn.; Reserve Grand Champion shown by Lyla Huggins, Levy County, Fla.; Got to Be NC Grand Champion shown by Nate Bowman, Stokes County; Got to Be NC Reserve Grand Champion shown by Caroline Edwards, Transylvania County

Open Junior Beef Heifer Shows

Angus Junior Heifer: Grand Champion shown by Emma Vanhoy, Catawba County; Reserve Grand Champion shown by Addison Sprinkle, Buncombe County; Hereford Junior Heifer: Reserve Grand Champion shown by Jordan Mitchem, Lincoln County; Got to Be NC Grand Champion shown by Jordan Mitchem, Lincoln County; Got to Be NC Reserve Grand Champion shown by Barrett Devine, Lincoln County; Percentage Simmental Junior Heifer Grand Champion shown by Shelby Candler, Buncombe County; Got to Be NC Grand Champion shown by Ashlyn Houston, Catawba County; Got to Be NC Reserve Grand Champion shown by Alana McDaniel, Cleveland County; Red Angus Junior Heifer: Grand Champion and Reserve Grand Champion shown by Rex Howard, Cleveland County; Got to Be NC Grand Champion shown by Rex Howard, Cleveland County; Got to Be NC Reserve Grand Champion shown by Emma Vanhoy, Catawba County; Shorthorn Junior Heifer: Grand Champion shown by Rylea Suddreth, Catawba County; Reserve Grand Champion shown by Stella Gash, Henderson County; Got to Be NC Grand Champion shown by Rylea Suddreth, Catawba County; Got To Be NC Reserve Grand Champion shown by Rylea Suddreth, Catawba County; Simmental Junior Heifer: Grand Champion Shelby Candler, Buncombe County; Grand Champion shown by Nate Bowman, Stokes County; Got to Be NC Grand Champion shown by Shelby Candler, Buncombe County; Got to Be NC Reserve



Winners from the 2024 Mountain State Fair livestock shows pose for a photo.

Grand Champion shown by Nate Bowman, Stokes County; All Other Breeds Junior Heifer; Grand Champion shown by Shelby Candler, Buncombe County; Reserve Grand Champion shown by Casia Thomas, Henderson County; Got to Be NC Grand Champion shown by Hannah Smith, Macon County; Got to Be NC Reserve Grand Champion shown by Macie Ledford, Macon County; Commercial Junior Heifer: Grand Champion shown by Peyton Taylor, Caldwell County; Reserve Grand Champion shown by Shelby Ford, Caldwell County; Got to Be NC Grand Champion shown by Peyton Taylor, Caldwell County; Got to Be NC Reserve Grand Champion shown by Barrett Freeman, Haywood County; Supreme Champion Junior Heifer: Supreme Champion and Reserve Supreme Champion shown by Shelby Candler, Buncombe County; Supreme Got to Be NC Champion shown by Shelby Candler, Buncombe County; Reserve Supreme Got to Be NC Champion shown by Peyton Taylor, Caldwell County; WNC District Junior Beef Feeder Steer Show Champions: Grand Champion shown by Karissa Collins, Macon County; Reserve Grand Champion shown by Ben Holland, Macon County; Got to Be NC Champion shown by Karissa Collins, Macon County; WNC District Dairy Steer Project: Grand Champion shown by Maxen Ballard, Madison County; Reserve Grand Champion shown by Addison Allen, Yancey County; WNC District Junior Beef Market Steer Show: Grand Champion shown by Caroline Edwards, Transylvania County; Reserve Champion shown by Caroline Edwards, Transylvania County; Got to Be NC Champion shown by Caroline Edwards, Transylvania County; WNC District Junior Beef Heifer Show: Supreme Champion shown by Shelby Candler, Buncombe County; Premier Junior Beef Exhibitor Hannah Smith, Macon County; Angus Heifer: Grand Champion shown by Addison Sprinkle, Buncombe County; Gelbvieh Heifer: Grand Champion shown by Bailee Worley, Buncombe County; Hereford Heifer: Grand Champion shown by Robert Banks, Yancey County; Reserve Grand Champion shown by Barrett Freema, Haywood County; Percentage Simmental Heifer: Grand Champion shown by Shelby Candler, Buncombe County; Reserve Grand Champion Heifer shown by Alana McDaniel, Cleveland County; Red Angus Heifer: Grand Champion and Reserve Grand Champion shown by Rex Howard, Cleveland County; Shorthorn Heifer: Grand Champion and Reserve Grand Champion shown by Stella Gash, Henderson County; Simmental Heifer: Grand Champion shown by Shelby Candler, Buncombe County; Reserve Grand Champion shown by Montana Boatwright, Macon County; All Other Breeds Heifer: Grand Champion shown by Shelby Candler, Buncombe County; Reserve Grand Champion shown by Cassia Thomas, Henderson County; Commercial Heifer: Grand Champion shown by Peyton Taylor, Caldwell County; Reserve Grand Champion shown by Shelby Ford, Caldwell County.

#NextGenAg

(Continued from pg. 8)

growing both vegetables and flowers. “I’ve worked closely with local farmers through the years to learn how to grow both of these things simultaneously,” she said. “I will continue to do this moving forward and, hopefully one day, bring a unique place to the community that can both educate and involve people in agriculture.”

Madeline loves a variety of things about working in

agriculture, but her favorite part of the industry is the people within it.

“Agriculture has always been a very personal and family-oriented industry for me,” she said. “There is a rich history of agriculture in this state that truly connects us all to one another. You can see the hands and hard work of each generation across this state through the industry and watch how it has grown over the years. Agriculture has truly laid the foundation of my life and it is more important to me than I can possibly put into words.”

For anyone considering a career in the agriculture industry, Madeline encourages you to get involved and find what’s important to you.

“See what students are currently doing in agriculture to further the future of the industry and find what speaks to you,” she said.

“Once you find your agricultural passion and joy, follow through with it. At the end of the day, we all have strengths to bring to the table, and the agriculture industry is at its best when we all work together.”

Troxler

(Continued from pg. 1)

bringing up this idea and Rep. Jimmy Dixon of Duplin County for crafting a bill in the N.C. General Assembly that led to this special day of recognition.

As part of this day of recognition, organizers will be awarding a N.C. Farmer of the Year and a Young Farmer of the year. Awards include \$5,000 for first place, \$3,000 for 2nd place and \$2,000 for 3rd place. NC State Grange will also provide \$500, \$300 and \$200 for respective county applicant sponsors.

I look forward to recognizing the winning farmers in November along with all of the farmers in this state who help feed and clothe us. We can all do our part to support farmers by buying local, looking for the Got to Be NC logo on manufactured food products and eating out at restaurants that feature North Carolina foods on the menu.

I hope you will join me Nov. 14 in thanking North Carolina farmers and farm families!

To keep up with the latest NCDA&CS news, check out the department's blog at www.ncagr.gov/blog, and Facebook, Instagram and Twitter.



Classified Advertising

General rules for advertising in the Ag Review

- Advertising is a free service to North Carolina residents only. A North Carolina address and phone number are required for submitting ads.
- The editor or advertising manager reserves the right to accept or reject any ad and to edit ads to meet requirements or space limitations.
- Priority will be given to ads that are strictly related to agriculture.
- Advertisements are limited to 30 words or less. This includes first & last name of advertiser (NOT farm name), complete address and phone number w/area code.
- Ads will be published in one issue only. Ads that are to be repeated must be submitted for each issue.
- Only two ads per family per issue will be accepted. Family refers to all individual sharing the same residence, mailing address or home telephone number. These ads must be under separate classifications.
- All "For Sale" and "For Rent" ads must have a price or price range. Stud service must also include a fee.
- The ad deadline is the first working day of the month prior to publication at noon. For example, if you want your ad to be published in the September issue, we must receive it by noon on Aug. 1.



Equipment For Sale

20 ft. hay elevator, \$300; single row plow, \$250; 3-14 in. Ford plow, \$250. W.D. McKnight, Lewisville 336-831-5189.

Marliss Pasture King no-till drill, 8 ft., sm & lrg box seed drops, GC, \$8,900. John Beard, Rocky Mount 252-903-5245.

Poly leg farm/nurse tank, white, hvy duty, 2,835-gal., clean, sealed, LN, inclds retaining legs, new valves, fittings; deliv avail for extra fee, \$4,500. John Cook, Aberdeen 910-281-5950, after 12 p.m.

Ford 6610 tractor w/ Dunham loader, motor stuck, \$4,500. Bennett Bradley, Tarboro 252-230-0460.

Super-A tractor, was running until flywheel teeth broke off, \$1,200 obo. Joseph Senter, Timberlake 919-308-3584, jksenter2@gmail.com.

500 lb. steel 3 pt PTO spreader, \$600; 3 pt drum spike aerator, \$650; single row corn planter w/cult, \$350. John Fox, Browns Summit 336-656-3964.

Husqvarna lawn tractor, 21hp Kohler eng, 46 in. deck, eng & deck recently repaired, GC, new blades, \$800. Bob Porreca, Hillsborough 919-942-3945.

1959 IH Farmall w/belly mower, plow, disc, subsoiler, cult, \$2,000. Ty Trexler, Richfield 704-244-4740, call or text.

FARM EQUIPMENT

JD sq baler, \$150; 300-gal. pull behind sprayer, 25' boom, no pump, \$75; both need tires. Richard Adams, Raleigh 919-846-0022 or 830-8470.

4-bottom auto reset Intl plow, \$500. Murray Cohen, Pittsboro 919-742-4433.

NH BR740A baler, EC, 1 owner, always sheltered, \$14,500. Jay Hohn, Archdale 336-289-3686.

JD 6620 Titan II combine, 4wd, w/915 header, EC, \$17,000; Case Ecolo-Til 2500, EC, new, \$15,000. Fran Marshall, High Point 336-457-0055, call or text.

GP 1000 no-till drill, 10 ft., bought new 2016, less than 100 ac planted, \$20,000. Evan Myers, Winston Salem 336-242-3911.

Minneapolis Moline corn picker, self-propelled, needs work, \$1,000. David Steelman, Mooresville 704-562-7393.

JD 90 skid steer, motor stuck, needs tires, 23hp Onan gas, \$700. Denny Barney, Mocksville 336-909-5180.

2019 Frontier bush hog, 5 ft., hvy duty, LN, used twice, sheltered, \$1,200. Bill Stirewalt, Mt. Pleasant 704-467-0273, bill929nc@gmail.com.

H&H pro sprayer, 200-gal. tank, self-powered 5hp B&S motor, adjustable pressure, hi-pro pump, booms extend 24-26 ft., hand sprayer on 10 ft. hose, \$3,000. Tom Glendinning, Pittsboro 919-545-0880.

FARM EQUIPMENT

Kubota B6100E tractor, w/48" Bush Hog-brand bush hog, \$3,450 obo. David Christenbury, Harrisburg 919-633-0931.

Single row mulch layer/fumigation rig, 28" bed, 9" high, up to 60" rls, \$4,750; mulch lifter, retrofitted w/transplanter seats, w/3 sets puncher wheels, \$3,500. Ted Sherrod, Kenly 919-201-8779.

Befco spreader, model 16-212-121, version C269, 3 pt, VGC, \$700. Rodney Tomberlin, Oakboro 704-485-3954.

7-shank cult, 3 pt, \$250. Jim Winstead, Leasburg 336-599-9974.

JD 741 loader, w/bucket & mounts, self-leveling, EC, \$7,000. Robert Mikeal, Wilkesboro 336-984-6099.

AC 7000, 6-cyl, cab, needs batteries & service, \$5,500 cash or trade. L.M. Parrish Jr., Selma 919-965-5129.

'75 Farmall 140, for parts or repair, \$1,400. Jimmy Frye, Carthage 910-947-5910.

Frick sawmill, \$2,500; Newman #8 planer, \$1,500; 3 & 4-in. irrig pipe & pumps, \$1,700. Mike Clapp, Whitsett 336-214-3970.

NH 853 rnd baler, makes 5x5 bales, \$1,000; 18 ft. hay elevator, \$500. Ronnie Brogden, Creedmoor 919-528-1767.

1952 Farmall C, w/cults, planters, fert hoppers & sickle bar mower, running when parked, under shed since 2000, \$1,200. Peter Hight, Macon 252-820-0654.

NH TC30, front end loader, 4wd, canopy, box scrape, low hrs., \$10,500. Gary Bebbler, Stony Point 704-585-6791.



Equipment Wanted

Entire PTO assembly for T-340 dozer, live power takeoff w/shaft, all gears, trans & mechanisms; models Intl/Farmall 340, 460, 560, 660; MTA 300, 400, 504. David Willis, Elk Park 704-852-2379.

Case IH 265 offset tractor w/cults. Shawn Prater, Kernersville 336-769-6019, or skprater1@gmail.com.

AC 333 no-till planter units w/rnd metal seed hopper; the press wheel driver & the seed hopper. Jack Simpson, Todd 704-242-0763.

Complete set of gathering wheels for 540 Hesston baler, reasonable price. George Harvell, Gibsonville 336-449-4164.

3 pt hitch disc hay mower, 8 or 9 ft. Scotty Bracken, Mocksville 704-450-6861.

Corn planter, 1-row, 3 pt. Ron Copeland, Apex 919-669-9264.



Farm Labor For Sale

Vert & horiz mowing, ponds, dams, shooting lanes, reclaiming property, fence lines, any location, \$85/hr. + deliv. Roger McKenzie, Jackson Springs 910-528-2293.

Sm eng repair, lawn mowers, tillers, weed eaters, etc., Lexington, Thomasville & surrounding area, p/u/deliv avail, \$25/hr. Tony Burge, Lexington 336-819-0835.

Energizer repair, tsc, ssc, parmak zareba, afw, \$20/hr. Bobby Nichols, N. Wilkesboro 336-927-2850.

LABOR FOR SALE

Lawn mower/tractor repair, garden tillers, other sm eng & other outdoor power equip, Alexander & surrounding co; 45+ yrs. exper., p/u & deliv, \$30-\$60/hr. William Munday Sr., Taylorsville 828-638-1521.



Farmland Wanted

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 state land use.

Land to hunt deer, ducks, geese or turkeys, anywhere in NC. Robbie Hallman, Lincolnton 704-740-9134.

Land to run bear dogs, eastern NC. Reed Allen, Council 910-641-1499.



Hay & Grain For Sale

Horse quality orchard grass/fescue, 1st & 2nd cutting, no rain, sq bales, 45-50 lbs., \$6/bale; 4x5 rnd, \$50/bale. Marshall Ratliff, Reidsville 336-280-6615.

Fescue hay, 4x4 rnd, no rain, barn stored, \$30/bale. Glenn Sheppard, Mt. Airy 336-351-3382.

2024 spring orchard grass/fescue/Timothy/clover mix grass, horse quality, lrg sq bales, \$7.50; rnd bales, \$55. Elizabeth Macdonald, Blanch 336-459-6776.

Attention Advertisers

The advertising deadline for the December issue is Nov. 1, and the deadline for the January issue is Dec. 1.

HAY & GRAIN

Bermuda hay, horse quality, barn stored, no weeds/rain/animal litter/preservatives; sq, 50-55 lbs., \$8 ea.; 4x5 rnd, 750-850 lbs., \$80 ea.; cash or Zelle. Victoria Rehder, Lillington 910-964-0087, call or text.

2024 fescue, sq bales, \$6.50 ea.; 4 ft. rnd, \$30 ea. WD Wood, Denton 919-302-0549.

2024 fescue/orchard grass, spring cut, 4x5 rnd, stored in barn, \$35/rl. Larry York, Staley 336-824-2077.

Hay, 4x5 rnd, stored inside, \$40/rl. Larry Hicks, Staley 336-708-0152.

Hay, 4x5 rnd, fert, weed free, no rain, sheltered, cow quality, \$35/bale; horse quality, \$40/bale. Alice Davis, Salisbury 704-855-4930.

Horse quality orchard grass/fescue, 4x5 rnd, no rain/weeds, sheltered, \$50/rl; mixed grass, 4x5 rnd, sheltered, no rain, \$40-\$45/rl. Jay Hohn, Archdale 336-289-3686.

Coastal hay, horse quality, 4x5 rnd, \$40. Travis Lookabill, Wadesboro 704-690-0411.

Orchard grass hay, sq bales, 45 lbs., horse quality, 1st & 2nd cut, \$9/bale. Kenneth Chilton, Pilot Mtn 336-374-2410 or 399-1973.

Peanut hay, net wrapped, rnd bales, can deliver 42 bales/load, \$35-\$40. Larry Bullock, Greenville 252-883-4748.

2024 mixed hay, no rain, min. purchase 25 bales, \$6/bale. Vernon Hill, Mt. Pleasant 980-621-5091.

Coastal Bermuda hay, horse quality, sq bales, \$7; 4x5 rnd bales, \$45. Jim Newton, Rockingham 910-995-1223.

Fescue, 4x5 rnd, around 650 lbs., horse hay, \$50/bale; cow hay, \$30/bale; sq bales, \$5/bale. Ronnie Brogden, Creedmoor 919-528-1767.

Coastal Bermuda hay, 4x4 rnd, horse quality, stored under shelter, \$40 & \$45/bale. Dan Lancaster, Pikeville 919-222-6853.

Fescue, 4x5 rnd, barn kept, '23 hay, \$35/bale; '24 hay, \$45/bale. Don Shew, Harmony 704-662-2640.

Spring '24 fescue, horse quality, 4x5 rnd, \$55 ea.; sm sq, \$7 ea.; orchard grass, 4x5 rnd, \$60 ea.; sm sq, \$9 ea. Johnny Harrison, Salisbury 704-213-0857.

Fescue, sq bales, \$6 ea.; rnd bales, \$50 ea. Thomas Berrier, Lexington 336-764-1051.

HAY & GRAIN

Hay, 4x5 rnd, can deliv, \$40/bale. David Lomax, Denton 336-688-5313.

Horse quality hay, deliv avail, \$45/rl. H.O. Davis, Elon 336-260-7606.

Fescue hay, spring '24 cutting, 4x4 1/2 rnd, \$45/bale. Kenneth Dobbins, Reidsville 743-244-0388.

Fescue/mixed grass hay, 4x4 bales, sheltered, can load, \$35/bale cash only. Norman Byerly, Clemmons 336-462-2947.

NOTE: Sellers, please be aware of potential scam callers and fake checks. Stay vigilant and report any suspicious activity.



Livestock For Sale

(5) Oberhasli/Saanen does, 5 mos-5 yrs., great milking bloodlines, \$125 ea. obo. Elise Clark, Mt. Airy 662-574-9468.

Sheep, rams, 3 m/o, \$150; 1 y/o, \$175. Nathaniel Adams, Lexington 336-250-7258.

Dorper ewes, commercial, exposed to full blood Dorper rams, lambing Sept-Nov, \$525/ea., discount for 4 or more. Dave Richardson, Graham 336-684-9502.

9 reg Angus yearling heifers, bred for calving ease & efficiency, \$2,500 ea. Steve McPherson, Snow Camp 336-263-6042.

Simmental & SimAngus herd bulls, blk, polled, bred for calving ease, muscle, growth & disposition, \$3,000-\$4,000. William Pyle, Franklinton 919-215-5677.

Santa Gertrudis cattle, calves, \$900 & up; replacement cows, \$1,800 & up; young bulls, \$1,200 & up. Charles O'Bryant III, Reidsville 336-908-0276.

Fainting bucks, dob 12/21/23 & younger, healthy, tame out of fainting herd, several colors, \$100 ea. Dodd Linker, Clemmons 336-712-2484.

Kiko/Savanna cross doelings & bucklings (4/24); adult does (yearlings-7 y/o), established, quality bloodlines healthy, hardy, easy keepers, \$125-\$300. David Ward, Burlington 336-266-1457.

SimAngus heifers, born 2022, ready to breed, \$2,000 ea. Murray Cohen, Pittsboro 919-742-4433.

St. Croix ewes, reg, \$450 ea.; St. Croix rams, \$350 ea. Valerie Cockerham, Yadkinville 336-416-2240.

LIVESTOCK

Fainting goats, \$150 & up. Joan Culberson, Snow Camp 919-259-6139.

Charolais bulls & heifers, polled, gentle, purebred, reg sires, 7 mos & up, \$1,250 & up. Johnny Harrison, Salisbury 704-213-0857.

Polled Hereford heifers & bulls, \$2.50/lb. Randy Davis, Elon 336-263-8163.



Poultry & Supplies For Sale

Bobwhite quail, \$5.50; Ringneck & Melanistic Muttant pheasants, \$15. Curtis Meissner, Bostic 609-273-2230.

White mixed gander, \$10; blue splash Cornish rooster, \$15. Daniel Sexton, Denton 336-960-6186.

Homing pigeons, \$12 ea. Lewis Yoder, Union Grove 336-468-2530.

Australian blk swans & Mute swans, \$600 & up; Cape Barren geese, \$600 & up; Ruddy shelducks, \$150 & up. Jim Simpson, Indian Trail 704-361-6497.

California, Silver California, Bluescales, Gambel's, 8 varieties of bobwhites; partridge, Philby, chukar, Hungarians, \$6 & up. Jimmy Furr, Stanfield 704-888-0213.

Peafowl, variety avail, \$40-\$200. Richard Simmons, Clarendon 910-640-7114.



Poultry & Supplies Wanted

Poultry breeder house to lease, 400 ft. or larger, Alexander or surrounding co, GC, ready to use; may consider partnership, prefer Mount Aire contract. William Munday Sr., Taylorsville 828-638-1521.



Seeds & Plants For Sale

PLEASE NOTE: Individuals or business selling seed in North Carolina are required to obtain a Seed License (Retail or Wholesale). For more information contact NCDA&CS Plant Industry Division at 800-206-9333 or 919-707-3739.

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

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

Potted muscadine vines, 5-6 ft., trimming & fert instr incld, \$25. Bob Whitaker, Mocksville 336-469-4822, do not text.

SEEDS & PLANTS

Rabbiteye blueberry plants, 2 y/o, lrg, healthy, Climax, Tifblue, Premier, Powderblue, Brightwell, \$10 ea. Michael Roberson, Trinity 336-862-3488.

Evergreen trees, Green Giants, Alberta Spruce, Emerald Green Arborvitae, Leyland Cypress, 22 in. to 59 in., ready for fall planting, \$12, \$16, \$21. David Gabriel, Elon 336-260-1298.

Fraser firs, 5-8 ft., \$35-\$65. Tom Waller, Glenville 828-743-0248 or 770-855-7726.



Seeds & Plants Wanted

Multiplier onion, sometimes called potato onion, net top set or walking onion. Ray Cashion, Asheboro 336-381-3733.

Cherokee purple tomato seeds, Cowhorn pepper seeds. C.K. Lockamy, Garland 910-874-3505.



Supplies For Sale

3-panel cement fence, approx. +/- 200 ft., \$3/ft. Tommy Sink, Lexington 336-787-5996.

New & used water pumps, GC, \$300; water barrel, GC, \$100. Lloyd Mabe, Danbury 336-703-8232.

Water totes, \$75; burning barrels, \$10; feed barrels, \$20; solid top plastic & metal, \$10. Jeff Brittain, Hickory 828-327-4782.

Fuel tanks w/pumps, 2,000 gal., \$1,800; 4,000 gal., \$3,600. Miles Little, Midland 704-791-1438.

250-gal. diesel tank, stand, hose, nozzle, \$25. Bill Stirewalt, Mt. Pleasant 704-467-0273, bill1929nc@gmail.com.

Apple cider press w/elect. motor added, GC, runs well, \$1,500. Bill Earnhardt, Salisbury 704-636-3583.

Porter 2-head shaper, 3-phase, \$750; Ecco #18 doub shaft flapper sander, 3-phase \$150; Westinghouse 125hp, 3-phase 1180 RPM 580-S frame, \$750; other items. Eddie Moretz, Deep Gap 828-963-0883.

Myers shallow well pump, w/regulator, 1hp, EC, \$175. Jack Matthews, Charlotte 704-846-1903.

Logs for firewood, can deliv w/in 25 mi, \$100/load. David Lomax, Denton 336-688-5313.

FARM SUPPLIES

(2) steel tubing, 5 x 5 x 3/8 x 25, 3 1/2" channel iron welded on side, \$225 ea. Gary Warren, Statesville 704-872-2115.



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. The following advertisers have provided proof of a negative Coggins test.

Pasture board horses, N. Orange co, off hwy 86, private or group pastures, high tensile wire, local trails or retirement horses, \$150/month/horse. Richard Lockamy, Cedar Grove 919-619-5482.

Doctor's buggy, 2-seat, 2-horse tongue hookup, top, good seats, \$1,000. Don Bennett, Pinnacle 336-351-2893.



Trucks & Trailers For Sale

Tandem axle trailer, 6x16, new treated wood floor, Goodyear Wrangler tires, \$700. Don Bennett, Pinnacle 336-351-2893.

4-wheel trailer, 13x6x6.5, 2-axle, tilt bed, GC, \$1,200. Lloyd Mabe, Danbury 336-703-8232.

1948 Intl pickup, 1/2-ton, no rust, \$13,500. Miles Little, Midland 704-791-1438.

2023 Calico stock trailer, 16 ft., gooseneck, never used, \$9,750. H.O. Davis, Elon 336-260-7606.

1994 Ford F-150, EC, white, new tires, 165,000 mi, radio/CD player, phone system, \$7,000. Sam Calloway, Thurmond 336-874-2261.

Utility trailer, steel diamond plate bed, EC, \$850. Wayne Roberts, Newton 704-519-8845.

Calico stock trailer, bumper pull, \$6,895; 2024 Ridgeline landscape trailer, \$2,995. YD Saul, Elon 336-213-6292.

Theiman lift gate for truck, 3,000 lbs., EC, \$1,500. Eddie Moretz, Deep Gap 828-963-0883.

2001 4-Star 2-horse trailer, slant load, gooseneck, used little, always sheltered, EC, \$9,500. Dan Fritz, Bahama 919-740-5533.

To keep up with the latest on the N.C. Department of Agriculture and Consumer Services, check out our blog at blog.ncagr.gov, or follow us on Facebook, Instagram and Twitter.

#NextGenAg: Passion for plants blooms into career in ag

Horticulture is an important piece of our state's agriculture industry and speaks to the hearts of many individuals due to the hard work, beautiful plants, and seasonal variety within it. Madeline Kluttz grew up in Mount Ulla where she established a strong love of agriculture at a young age. Today, she is not only pursuing a career in agriculture because of her passion and drive for the industry, but also her desire to help farmers and impact the community through her work.

As a child, Madeline was surrounded by agriculture not only through her family's involvement with agriculture but also connections with neighboring farm families. "This part of the state is home to a large agriculture community, which is one of the things that I have always loved about living here," she said. "My dad and three older brothers have always been into farming, whether growing vegetables in the garden, working on the family farm or growing flowers, so I started super young. I've always had a love for agriculture, and it continues to grow every year as I become more and more involved in the industry." Although she enjoyed agriculture as a child, Madeline's love for the industry truly started to flourish during her years at West Rowan High School.

During her freshman year of high school, Madeline joined the FFA and her journey towards a future in agriculture began. Throughout her time in FFA, Madeline not only

competed in a variety of competitions, including ag sales, ag issues, and ag communications, but she also worked in greenhouses on campus, experienced vegetable production on a local farm, and sold succulents to local farmers markets in the area. She was Vice President of FFA for two years, including State Vice President her Senior year. "I truly dove headfirst into the agriculture industry in high school," she said. "FFA truly opened my eyes to the opportunities available in this industry. I was able to intern with our Horticulture Program through the FFA and gain other hands-on experience through farm work, competitions and more. It truly fostered my love for agriculture and solidified my decision to spend my career in this industry." Madeline remains involved with the FFA to this day through global activities and trips that help broaden her knowledge of agriculture throughout the world. In fact, in recent years she has travelled to both Costa Rica and Australia with the National FFA to learn about the practices used in other areas and how we can apply those techniques to the N.C. Agriculture industry. "The population continues to grow, both in our state and across the world, and the agriculture industry is responsible for feeding all of them," she said. "Despite the challenges, despite the odds, farmers remain determined and strong. To see the agricultural methods and practices used in other areas of the world truly opens my mind to the endless opportunities



Madeline Kluttz is a native of Mount Ulla whose passion for horticulture and the farming community led her to a career in agriculture.

available across this industry, and the future of how we can expand and grow." After graduating from high school, Madeline transferred to N.C. State University and dove even deeper into the study of agriculture.

During her time at N.C. State University, Madeline fell in love with vegetable production and flower growing. With a major in Horticulture Science and a minor in Crop Science, she had a variety of both classroom and hands-on experience that has helped her find and establish her career path. "College has not only given me a well-rounded knowledge of the industry in the classroom, but has also provided

me with many summer jobs and internship opportunities to expand my hands-on experience," Madeline said. So far, she has worked on her family farm, Kluttz Farms LLC in Mount Ulla, Farmers Daughter Organics in Mount Ulla, Cauble Creek Vineyard in Salisbury, and this past summer she worked at the Horticulture Crops Research Station in Clinton. "I am always open to new opportunities and enjoy getting my hands dirty in a variety of areas," she said. "These internships have allowed me to expand my knowledge of different areas of the agriculture industry as well as gain experience fully working



with them." In addition to these positions and internships, Madeline continues to return home any time she can to help on the family farm.

Not only will Madeline's love for the agriculture industry take her far in a career, but also her state and global perspective on agriculture, ability to embrace new opportunities, diversity in experiences, strong communication skills, time management abilities, and leadership skills. Although she isn't 100% certain what the future will bring, Madeline's dream is to one day own her very own operation

(See #NextGenAg, page 5)

Davis recognized for contributions to agriculture

Dr. Jason Davis, Assistant Dean of the School of Agriculture and Biological Sciences at the University of Mount Olive, has recently garnered significant recognition for his contributions to agriculture and education. This year has been marked by a series of prestigious awards highlighting his dedication, innovation and impact on the agricultural community.

NC Granger of the Year: A Distinguished Honor

Davis was honored as the NC Granger of the Year by the North Carolina State Grange. This award is a significant milestone, highlighting his contributions to the agricultural sector and the Grange community. The Grange is a nationwide organization that supports and advocates for agricultural communities, and being recognized as the Granger of the Year is a testament to Davis's dedication and impact.

In a notable achievement, Davis also graced the cover of the quarterly magazine of the North Carolina State Grange. Davis also serves as President of the Westbrook Grange in Newton Grove and serves as a State Grange officer.

NCNLA Outstanding Contribution to Horticulture Award

Davis received the North Carolina Nursery and Landscape Association's Ken Powell Outstanding Contribution to Horticulture Award in January. Established in 2004, this award is given to individuals who have made outstanding contributions to the Association and the horticulture industry, with a particular focus on program development and execution.

Davis's role as an educational consultant to the board, his authorship of over eight articles for the association's magazine, and his work creating and gaining approval for the FPP-Future Plant Professional Credential for high school students were pivotal in earning this recognition. This award typically recognizes educators who have gone above and beyond in their contributions to the field, and Davis's dedication to advancing horticulture education aligns perfectly with this criterion.

NCACTE Postsecondary Instructor Award

The North Carolina Association of Career and Technical Education (ACTE) has recognized Davis's commitment to education and professional development. He received the ACTE Postsecondary Instructor Award, which honors educators who have significantly contributed to professional



Dr. Jason Davis is the assistant dean of the School of Agriculture and Biological Sciences at the University of Mount Olive.

associations and career and technical education programs for youth and adults. Recipients of this award have demonstrated innovation, unique program development, and significant improvements in the field of career and technical education.

Davis's work in enhancing agricultural education programs and his involvement in community and state-level initiatives have set him apart as a leader in his field.

Educational and Professional Background

Davis's educational journey is rooted in a strong foundation in agricultural education. He earned his doctorate in agricultural education in 2017, a master's degree in agricultural education in 2002, and a Bachelor of Science in Agricultural Education with a minor in Horticultural Science in 1998, all from North Carolina State University. He also holds an associate of arts degree in general education from Sampson Community College, obtained in 1996.

Davis began his career as a Field Technician at East Coast Agri-Technologies, gaining practical experience in scouting crops for weeds, insects, and disease problems. He then transitioned into teaching, serving as an Agricultural Teacher at Hobbton High School from 1999 to 2005. During his tenure, he developed a comprehensive agricultural education program that significantly increased student enrollment and engagement. His innovative approaches and leadership led to numerous accolades, including the

North Carolina Agri-Science Teacher of the Year award in 2005.

Following his time at Hobbton High School, Davis joined North Carolina State University as the State FFA Coordinator, a role he held from 2005 to 2019. In this position, he coordinated numerous state conventions, leadership programs, and career development events, further solidifying his reputation as a leader in agricultural education.

In 2020, Davis joined the University of Mount Olive as the Assistant Dean of the School of Agriculture and Biological Sciences, where he continues to make significant contributions to the field. His responsibilities include developing relationships with community colleges, coordinating online degree programs, and overseeing outreach programming and field laboratories.

Published Works and Professional Involvement

Davis is an accomplished author with several published works focusing on agricultural education and teacher training. His research and articles have appeared in esteemed publications such as the *Journal of Agricultural Education* and the *Agricultural Education Magazine*. His work often addresses the needs of agricultural educators and explores innovative approaches to enhance their effectiveness.

In addition to his published works, Davis is actively involved in numerous professional organizations. He is a member of the Association of Career & Technical Education, the North Carolina Agriculture Teachers Association, and the National FFA Alumni Association. He has held leadership positions in various organizations, including serving as the National President of the National Association of Supervisors of Agricultural Education and the President of the National Council for Agricultural Education.

Looking Ahead

Dr. Jason Davis's recent awards and accomplishments reflect his unwavering dedication to advancing agriculture and education. His innovative approaches, leadership, and commitment to excellence have set a high standard for educators and professionals in the field. As he continues to make significant contributions to the University of Mount Olive and the broader agricultural community, Davis remains a driving force for positive change and progress in the industry.