

Agricultural REVIEW

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July 2014

Raleigh, N.C.

FYI: Scam alert Research stations unveils new hi-tech equipment

USDA warns of phone scam referencing FSA

It has been brought to the attention of the U.S. Department of Agriculture's Farm Service Agency that a phone scam is being perpetrated on FSA customers.

As part of the scam, a caller identifies themselves as a Farm Loan Services representative out of Washington, D.C. and states that FSA "owes" you disaster assistance funds and proceeds to request your checking account information or requests a credit card number alleging that funds will be credited to these accounts.

If you should receive a similar call, USDA advises people **NOT** to provide any personal or financial information to the caller under any circumstances.

USDA also asks people to share this alert with family, friends and neighbors.

If you have any questions or concerns regarding this issue, please feel free to contact your local FSA Office.

Agricultural research took center stage recently as the N.C. Department of Agriculture and Consumer Services, N.C. State University and N.C. A&T State University showed off some of the newest equipment and technology being added at the 18 research stations operated across the state.

Deans Richard Linton of N.C. State and Bill Randle of N.C. A&T joined Agriculture Commissioner Steve Troxler in an event at Central Crops Research Station in Clayton to showcase "Ag Innovations @ Work."

The new additions are part of a two-year, \$5 million research stations upgrade funded by the N.C. General Assembly. This investment is designed to improve efficiency on the farms,

(See Research, pg. 8)



A visitor to the "Ag Innovations @ Work" equipment showcase in Clayton, checks out a new tractor before seeing it work in the field.

Make preparations for hurricane season

Hurricane season officially under way, with scientists predicting fewer storms than normal. But as Agriculture Commissioner Steve Troxler says, it only takes one storm to ruin a farmer's year. He is encouraging all farmers and agribusinesses, such as food manufacturers, pesticide dealers and timber owners, to review their disaster plans now and to get ready for the season.

"No county in this state is immune to possible damage from a

hurricane," Troxler said. "Preparing for a hurricane is smart, and thinking through your emergency plan can help no matter what type of emergency strikes. A produce farm has very different needs than a livestock operation. Determining what your most pressing needs will be if you should lose power, or are at risk for flooding, can be the difference in salvaging a crop or saving livestock."

Troxler also reminds farmers and agribusinesses that now

is the time to review insurance policies and make sure you have proper coverage, including wind, hail, flood and catastrophic coverage if necessary.

The N.C. Department of Agriculture and Consumer Services has a website, www.ncagr.gov/disaster, with links and resources for different types of agribusinesses to plan and recover from a disaster. A Farm Emergency Plan Template is available on the site to help organize information that

is needed after a disaster.

As disasters go, hurricanes are generally easier to prepare for because of the advance warning. There are several things farmers can do now to prepare their property for a hurricane.

Equipment needed:

- Consider purchasing, leasing or negotiating a rental arrangement for a backup generator in advance. If you plan to rent

(See Have a plan, pg. 3)

From the tractor



Commissioner Troxler

July is a busy time of year in agriculture. Even with some early season delays in production due to a cool spring, farmers markets are full of activity and fresh North Carolina produce, meats and cheeses.

This month we will celebrate that abundance, plus the rich variety of North

by Agriculture Commissioner Steve Troxler

Carolina commodities with Got to Be NC Agriculture Month. I hope to attend several special events at state-operated markets to bring even more attention to the great job farmers do raising the food we all enjoy.

Special events highlighting peaches, blackberries, blueberries and watermelons are on tap for July, but shoppers will find so many more crops in season at the markets. You can expect to find plenty of peppers, okra, cabbage, zucchini, corn, snap beans, squash, cantaloupes, sweet potatoes, tomatoes and ornamental plants.

I hope many of you

already shop at your local farmers markets, but if you do not, please consider shopping with your local farmers. You are helping support the local economy but better yet, you are getting the freshest commodities available. And that freshness just tastes so good.

In conjunction with Got to Be NC Agriculture Month, you will likely also be seeing the debut of our newest marketing slogan: "Grown. Raised. Caught. Made." to our advertising and promotional efforts.

I am excited to launch this new campaign. I think consumers will connect with this message because

it really encompasses the whole of agriculture in North Carolina. Finally, I wanted to thank everyone who came out for this year's Got to Be NC Festival in Raleigh.

This event continues to grow and improve every year, and this year was no exception. Thanks in part to nearly perfect weather, we had the biggest attendance we have had to date.

Everywhere I went on the grounds, I saw people having a good time, which is the mark of a successful event. Go ahead and mark your calendars now for May 15-17, 2015.

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Commissioner

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Submit soil sample info online

The N.C. Department of Agriculture and Consumer Services is reminding growers and gardeners to get a head start on their planting projects by submitting soil samples now. There is no fee currently, and reports are available in one to two weeks. Also, sample information forms can now be completed and submitted online for more accurate and efficient processing.

“As the weather warms up, homeowners start focusing more on yard and garden maintenance and landscaping projects, which could benefit from soil sampling and agronomic advice,” said Jagathi Kamalakanthan, NCDA&CS soil testing agronomist. “Submitting samples during the off-peak times ensures faster turnaround times and no fees for this service. Plus, you will have the information in plenty of time to put fall gardening plans and yard or pasture renovations in place.”

The peak season for submitting soil samples is December through March, when a \$4 fee is charged per sample. Off-season times are April through Novem-

ber, when no fees are charged. Many home gardeners drop off their soil samples along with a hand-written sample information form at the nearest county Cooperative Extension office. The new online procedure requires a little forethought but is worth the effort. Before going to the extension office, clients should visit the Agronomic Services Division’s Public-Access Laboratory Information Management System website at www.ncagr.gov/agronomi/pals, create a user account, and respond to a verification email. Then, they can fill out and submit their sample information form online. A copy of the electronic form should be sent along with the samples to the soil lab as usual. There are several good reasons to establish a PALS account. It is a great way for the grower or homeowner to take charge of the accuracy of their information. Clients can directly enter, update and correct their name, address and other details. This procedure reduces errors and duplications that invariably occur when staff must key in data from handwritten forms.

“Once an account is created, online submission is also a great time saver,” Kamalakanthan said. “For all future submissions, the client’s information is automatically filled in.” Another advantage of having a PALS account is that clients are always notified by email when their report is completed and posted online. Every account is associated with a verified email address. Although the agency prefers that clients set up an account, having one is not necessary to search for reports online or to submit samples with a hand-written form. However, if clients do not put a valid email address on the sample information form, they will not receive notification when their report becomes available online. The division does not routinely mail soil test reports. Step-by-step instructions on how to create a PALS account, submit soil sample information online, and search for reports are available online at www.ncagr.gov/agronomi/.

Don't forget to renew your Agricultural Review subscription. Either mail in the card from the front page of the June issue of the paper with your mailing address on it, or go online at www.AgReview.org. If renewing online you will need your subscriber number listed above your name and mailing address.

Bucolic briefs

The N.C. State Beekeepers Association Spring 2014 meeting will be held July 10-12 at Wilkes County Community College in Wilkesboro. The event offers informational workshops for beginner beekeepers to advanced levels and includes presentations by educators and commercial operators. Vendors will be selling woodenware, veils, gloves and other equipment. For more, contact Ed Hunt at 910-272-3692.

The Sandhills Farmers Market in Pinehurst is accepting new applications from producer-only farmers within 75 miles of Pinehurst for the upcoming season. Interested farmers can apply online via sandhillfarmersmarket.com or call Melanie Riley, market manager, at 803-517-5476.

The 73rd Annual N.C. Gourd Arts and Crafts Festival and the American Gourd Society 2nd National Show will be held Sept. 6 & 7 at the Holshouser Building, State Fairgrounds in Raleigh. Hours are 9 a.m. to 5 p.m. Saturday and 10 a.m. to 4 p.m. Sunday. The event features gourds from around the world, special gourd workshops, competitions and vendors selling dried gourds, gourd seeds, gourd crafts, gourd art, books and crafting supplies. There is a live auction on Saturday at noon and also a free gourd crafting table for kids. Details about the festival, a listing of workshops and information on how to enter the competitions can be found at www.ncgourdsociety.org/festival. Admission is \$2 for adults, and free for children under 16, workshop students and N.C. Gourd Society members. For more, contact Kate Mahony, festival chair, at tolecat@nc.rr.com or 910-639-4577.

Two Johnston County horse show series, one an open class and the second a hunter class, have been announced. The hunter show dates are Sept. 6 and Nov. 8. Following are open horse show dates: Aug. 9 & 10 at the Hunt Horse Complex in Raleigh, Sept. 20, Oct. 25 and Nov. 22. Events are held at the Johnston County Livestock Arena in Smithfield, except where noted. For more, go to www.blaine-mclaughlin-stables.com or call Michele McLaughlin at 919-934-1344.

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.

Please note: The fax number for submitting ads and news items to the *Agricultural Review* has changed. It is now 919-733-5047.

Horse Events

Gov. James B. Hunt Jr. Horse Complex, State Fairgrounds, Raleigh, 919-733-4845

July 9-13 State 4-H Horse Show. Contact Mike Yoder, 919-513-3509.
July 18-20 NCHJA C Indoors. Contact Joan Petty, 919-669-9877.
July 26 & 27 Raleigh Summer Dressage I & II. Contact Janine Malone, 919-269-7307.
July 30-Aug. 3 Southern Regional 4-H Horse Show. Contact Amy McLean, 919-515-5784.
Aug. 9 & 10 Johnson County Horse Show Series. Contact Michele McLaughlin, 919-934-1344.
Aug. 15 & 16 Double L Bar Cowboy Mounted Shooters. Contact Mike Lubell, 919-327-1355.
Aug. 16 & 17 UHC Youth Day Show. Contact Renee Marshall, 919-795-8659.
Aug. 22-24 NCHJA C Indoors. Contact Joan Petty, 919-669-9877.
Aug. 30 & 31 NCDCTA Dressage Show. Contact Martie Healy, 352-363-0085.
Sept. 1 NCDCTA Sport Horse Breed Show. Contact Martie Healy, 352-363-0085.
Sept. 5 & 6 N.C. State Charity Classic. Contact Bill Whitley, 919-481-4675.
Sept. 10-13 N.C. State Championship Show. Contact Bill Whitley, 919-481-4675.
Sept. 19-21 Special Olympics. Contact Kelly Vaughan, 919-719-7662.
Sept. 26-28 N.C. Quarter Horse Futurity. Contact Judy Sullivan, 704-442-8304.
Sept. 26-28 NCHJA “C” Outdoors. Contact Joan Petty, 919-669-9877.
Oct. 1-5
& 14-26 N.C. State Fair Horse shows. Contact Sheri Bridges, 919-839-4701.
Oct. 31-Nov. 2 NCHJA “C” Indoors. Contact Joan Petty, 919-669-9877.

Western N.C. Agricultural Center, Fletcher, 828-687-1414

July 11-14 Buster McLaury Horse Clinic. Contact Dottie Davis, 828-891-4372.
July 18 & 19 Asheville Invitational Horse Show. Contact Joyce Wilson, 919-365-5149.
July 22-26 Blue Ridge Classic Horse Show. Contact Liz Holmes, 919-672-3741.
Aug. 24 Ride for Kids. Contact Jerry Harvey, 828-280-0630.
Sept. 20 WNC Hunter Schooling Circuit. Contact Denise Blankenship, 828-450-5188.
Oct. 2-5 N.C. Championship Walking Horse Show. Contact Athy Robinson, 919-681-4431.

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

July 3-6 SERHA Main Event & Double Run Farm Family. Allison Anderson, 228-697-2119.
July 12 & 13 Canterbury Meadows’ Dressage Schooling Show. Contact Sue Bothern, 252-217-8454.
July 12 & 13 Mounted Shooters Benefit for Wounded Warriors. Contact Mike Lubell, 919-327-1355.
July 17-20 Color on the Coast Paint Horse Show. Contact Grant Williams, 704-241-5591.
July 26 & 27 Feathered Horse Summer Classic. Contact Gail Shrine, 904-424-6593.
July 31- Aug. 3 VRHA Summer Slide Futurity. Contact Gail Berghorn, 814-426-5707.
Aug. 16 & 17 August’s Just Horsin’ ‘Round Open Horse Show. Contact Beth Tew, 252-753-8069.
Aug. 22 & 24 Endless Summer Open Horse Show & AQHA Special Event. Contact Kristi Stallings, 252-256-0556.
Sept. 20 & 21 EHA Hunter Horse Show. Contact Wendy Willson, 252-916-3685.
Sept. 25-28 SERHA Derby, Futurity and SE Affiliate Finals. Contact Allison Anderson, 228-697-2119.
Oct. 2-5 NCDCTA Harvest Moon Dressage & Championships. Contact Martie Healy, 352-363-0085.
Oct. 18 & 19 Festive Fall Indoor Hunter Horse Show. Contact Marlo King, 252-268-4144.

Southeastern N.C. Agricultural Events Center, Lumberton, 910-618-5699

Aug. 2 Borderbelt Ranch Sorting. Contact Jason Durden, 910-733-5840.
Aug. 9 Horse Show – Little Buckaroos. Contact Kim Wood, 919-215-3595.
Aug. 23 Mary Miller Jordan LOPE series. Contact Mary Miller Jordan, 910-471-2658.
Aug. 30 Shawn McMillian Barrel Race. Contact Donald McMillian, 910-843-2258.
Sept. 6 Five Star Barrel Racing. Contact Amy Wallace, 843-672-4180.
Sept. 12-14 N.C. Horse Council Cowboy Up. Contact Rose Cushing, 252-235-7645.
Sept. 26 & 27 Southern Stockhorse Assn. Show. Contact Jenny Taylor, 919-323-9910.
Oct. 11 & 12 Metra Roping Finals and Awards Banquet. Contact Lacie Boothe, 540-230-9912.
Oct. 18 Barrel racing. Contact Monica Britt, 910-671-9858.
Oct. 19 Cobra Barell Racing. Contact Kristen Yde, 919-413-0878.

*Shows subject to change. Call before attending. More horse events listed in Bucolic Briefs.

Two new regional agronomists join NCDA&CS

The N.C. Department of Agriculture and Consumer Services recently hired two new regional agronomists, one serving central North Carolina counties and a second serving northeastern counties.

Colby Lambert will consult with growers in Anson, Guilford, Lee, Montgomery, Moore, Randolph and Richmond counties.

Jacob Searcy will work with growers in Beaufort, Dare, Hyde, Martin, Pamlico, Tyrrell and Washington counties.

Regional agronomists are part of the Field Services Section of the department's Agronomic Services Division. They provide advice on crop fertilization, nutrient management, lime needs, soil testing, plant tissue analy-

sis, use of animal wastes and composts, nematode analysis, and testing of source water and nutrient solutions.

"Colby's 11 years with Cooperative Extension have given him valuable experience working with North Carolina growers and crops," said Agriculture Commissioner Steve Troxler.

For the past nine years, Lambert worked in Cumberland County. In 2010, he received achievement awards from both the state and national Associations of County Agricultural Agents. He has extensive experience with field and horticulture crops, forages and ornamentals. He holds a bachelor's degree in forest management and environmental science from N.C. State University.

To arrange a consultation with Lambert, contact

him at 919-255-0514 or colby.lambert@ncagr.gov.

"Jacob has seven years of experience with Cooperative Extension in Beaufort and Bertie counties, so he is very familiar with Coastal Plain agriculture," Troxler said. "He will be a knowledgeable resource for growers seeking to optimize crop nutrients or manage plant-parasitic nematodes."

Searcy holds a bachelor's degree in business administration from East Carolina University and a master's degree in agricultural extension education from N.C. State University. He has extensive experience with tobacco, vegetable and livestock production as well as landscaping.

To arrange a consultation with Searcy, contact him at 252-503-8438 or jacob.searcy@ncagr.gov.

New agritourism specialist joins staff

Annie Baggett recently joined the Marketing Division team as Agritourism Marketing Specialist. She replaces Martha Glass who retired. The Agritourism Office has been a part of the NCDA&CS Marketing Division since 2003.

The office assists farms with marketing and promotional support and helps them develop and establish agritourism activities. Any type of farm experience can fall under the umbrella of agritourism, including pick-your-own fields, farm tours, winery tours, pumpkin patches, farm dinners and corn mazes.

Baggett brings a unique array of experiences to her new role, including experience in marketing and on-the-farm experience at her family's business, Sunshine Lavender Farm in Hurdle Mills. "My husband and I started the farm in 2000. At first we wanted to have a community vegetable garden, but soon discovered that deer were our "community," Baggett said. "The idea to grow lavender came from friends, and the fact that it is a deer-resistant plant."

Baggett talked to extension agents and soon had about 1,000 lavender plants on her

11-acre property. At her first event at the Duke Hospital Farmers Market she sold every bouquet she had.

Her farm benefited from advice and the networking opportunities provided by the NCDA&CS Agritourism office. "I've always admired the office and the work it's done," Baggett said. "My background has always been in marketing, and owning a farm has also given me unique insight into the challenges and opportunities agritourism farms face every day."

There are more than 670 farms in North Carolina engaged in agritourism. Some, like Baggett, open a few days a year, others for a six-week growing season, and a few offer experiences year round. Baggett's goal is to elevate the awareness and interest in agritourism across the state. "Some of the immediate needs include encouraging the farms to update their General Store Website and put into place communication mechanisms such as a newsletter," she said. "Studies show that most people have a computer and many research places they want to visit online. A Google search will often pull up a farm's General Store page as a first option so it needs to be accurate."

Baggett also wants to meet

with the farms and help them look for cross-marketing opportunities in their communities. "We know that if you offer something to eat at your business people tend to stay longer, so why not partner with a local dairy and offer ice cream?" Baggett said. "Farmers might be able to use value-added farm activities to even out their revenue streams between harvests. This could include school group tours, homemade product sales or grounds rental."

Baggett points out that farming is a vertically-integrated business. "Something is always happening on a farm," Baggett said. "Farm equipment needs to be fixed, livestock needs to be cared for and products need to be sold. That doesn't leave a lot of time to think about how to market your farm."

Surveys have shown that the way to get people to the farm is to have a knowledgeable and friendly staff, offer activities for children and sell homemade products. Word-of-mouth is important too, almost 43 percent of a farm's visitors are from recommendations from friends and family. Baggett can be reached at annie.baggett@ncagr.gov.

Winners in calendar contest announced

Thirteen elementary school students' art pieces were chosen for the North Carolina Farm to School 2013-2014 calendar. In addition to the artwork, the calendar includes daily agricultural facts.

The contest received more than 3,800 entries.

The Farm to School program began in 1997, offering locally grown fruits and vegetables for school lunch programs. During the 2013-2014 school year, the program generated nearly \$1.4 million in sales with participation by 92 of the 115 school districts statewide.

The winners of the calendar contest and the month their artwork will represent are as follows:

Cover Art – Daphne McCoy, a third-grader at Nantahala School in Macon County;

August 2014 – Emma Makambi, a third-grader at Farmington Woods Elementary in Wake County;

September 2014 – Todd Evans, a second-grader at North Canton Elementary in Haywood County;

October 2014 – Jacob Dixon, a fourth-grader at Banks Road Elementary in Wake County;

November 2014 – Joan Gonzales-Reyes, a second-grader at Union Elementary in Sampson County;

December 2014 – Maddy Boykin, a fifth-grader at Claxton Elementary in Guilford County;

January 2015 – Lana Butler, a fifth-grader at Barnette Elementary in Mecklenburg County;

February 2015 – Jasmine Powell, a fourth-grader at Pisgah Forest Elementary in Transylvania County;

March 2015 – Chloe Locklear, a kindergartener at Green Grove Elementary in Robeson County;

April 2015 – Josefina Houchar, a third-grader at Deyton Elementary in Mitchell County;

May 2015 – Emily Mason, a second-grader at Nantahala School in Macon County;

June 2015 – Layla Stirewalt, a kindergartener at Central Elementary in Stanly County;

July 2015 – Laila Furr, a first-grader at Bostian Elementary in Rowan County

The contest was open to all public elementary students across the state. Winners received \$50 gift cards sponsored by the N.C. Farm to School Cooperative, the group of farmers supplying produce to the program.

Have a plan

(Cont'd from pg. 1)

- a generator, read the contract carefully, as some rental contracts are only for eight hours use per day.
- Have a transfer switch properly installed so you can use a generator. This is critical for the protection of farm facilities and utility workers.
- Fuel for vehicles and generators, and a hand fuel pump.
- Emergency Preparedness Kit: Fire extinguishers, first-aid kits, a camera that stamps date and time, flashlights, batteries and other items.
- NOAA weather radio and batteries.
- Water and feed for animals.
- Two-way radios.
- **Property Preparations:**
- Clear debris from drainage ditches so water can run freely.
- Check power line clear-

ance; some of the greatest damage is from downed power lines and long power outages. See if trees need pruning or removing.

- Survey your buildings; do you need to trim or cut down trees near barns or home? Check for damaged trees and consider removal before a storm. Also check the condition of the buildings; a few extra nails or tighter hurricane strapping can limit further damage.
- Clear away all debris that could blow around in high winds.
- Secure any signage.
- Take photos of valuable items and store off site; store all business records above flood level.

For more information, and to download the Farm Emergency Plan Template, go to www.ncagr.gov/disaster.

July AgroTips

Agronomic advice for tomato plants: *Mulch to prevent blossom-end rot of tomatoes.*

If garden soils have adequate moisture and a pH in the range of 6.3 to 6.5, tomatoes are not likely to have blossom-end rot. Although this common problem is largely due to calcium deficiency, fertilization is not usually the answer. Any soil with a pH of 6.3 to 6.5 will contain enough calcium. However, during dry periods, plants cannot take up the calcium that is there. If your soil pH is good, you can optimize calcium availability by managing soil moisture. Make sure your plants get an inch of water each week, but be careful not to overwater. Apply two to four inches of mulch (pine bark, straw, leaf compost or other organic material) to help the soil retain moisture.

Collect cotton tissue samples.

Collect tissue samples (MRMLs + detached petioles) weekly beginning at early growth (at least by matchhead square or one week before first bloom) and continuing for three to four weeks after first bloom. Follow current NCDA&CS cotton tissue sampling protocol: www.ncagr.gov/agronomi/pdf/files/14cotton.pdf

Collect other agronomic samples as needed.

For forages:

Forage samples for animal feed analysis should be sent to the NCDA&CS Food & Drug Protection Division. The plant tissue analysis service offered through the NCDA&CS Agronomic Division provides nutrient information relevant to crop fertilization not animal nutrition.

For home and garden:

Take soil samples now to prepare for fall planting projects such as vegetable gardens, tree and shrub installation and renovation/maintenance of cool-season lawns. Remember: 1) Do not wait until fall to submit soil samples for home landscape projects. There is a fee for soil tests in late fall and winter. 2) You can submit your soil sample information online through PALS all year!

For nursery crops:

Collect pour-thru leachate solution samples to monitor pH, electrical conductivity (EC) and nutrient levels.

For tobacco:

Collect tissue samples five to 10 days before each anticipated leaf harvest to determine ripeness. An appropriate sample consists of 10 to 12 leaves from the appropriate stalk position.

Classified Advertising

SUBMITTING ADS: Ads are free to NC 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 midnight on the first working day of the month prior to publication.

The deadline for the September issue of the Agricultural Review is Aug. 1; the deadline for the October issue is Sept. 2.



Equipment For Sale

FARM EQUIPMENT

NH 477 haybine w/man., VGC, field ready, extra sickle, \$2,500; Walton hay tedder, pull-type, GC, \$750; hay/grain conveyor, pto, VGC, \$850. George Harwell, Gibsonville 336-449-4164 or 437-7529.

JD 1010 tractor w/cult., \$7,800; JD M tractor w/cult., \$4,500; JD M tractor w/cult., \$4,200, all GC. Donald Cannon, Ayden 252-746-4600 or 917-3403.

Land pride finishing mower, 5 ft, 3 pt. hitch, VGC, \$875. Mike Tucker, Tobaccoville 336-407-7286.

JD 1010, gas, rebuilt motor, tires EC, good paint, 3 pt. hitch, shed kept, bush hog, scrape blade, \$4,750. E.A. Stallings Jr., Spring Hope 252-314-5777.

Double section harrow, 60 spike teeth, 3 pt. hook up, kept in dry, EC, \$400. Hubert Foltz, Winston-Salem 336-788-6646.

Farmall M 2 row planter frame, \$100; front wheel weight set, fits Farmall A, \$75; HD scrape blade, 3 pt. hitch, \$200. Robert McCain, Waxhaw 704-843-2863.

1964 Farmall 806 diesel tractor, tri-cycle, new tires, GC, field ready, \$5,000. J.T. Watson, Wilson 252-292-8130 after 7 p.m.

Pto for Cub tractor, flat belt pulley, \$125; disc plow, fits AC G tractor, \$300. Jack Blalock, China Grove 704-857-7049.

JD LA, restored, \$5,000; JD L, restored, \$4,000; AC G, not restored, \$2,000. Richard Adams, Raleigh 919-846-0022.

1948 Case tractor, good tires, 3 pt. hitch, \$1,200; JD 2 disc plow, \$300. James Whitley, Concord 704-782-5762.

Late model NH disc hay mower, no rust, new blades, good tarp, needs repair, \$1,000 OBO; Ferguson 30 tractor, new tires, 1 row, garden tiller cult., GC, \$2,000; Lillington rolling cult. set, fits Farmall 100, \$200; bush hog, \$575 OBO. J. Ross, Burlington 336-421-9383.

Farmall 140, fert. hopper, Cole planter w/plates & man., fast hitch, \$4,850; IMT tractor, diesel, 48 hp, pto, King disc, 5.16 in. plows, spring tooth disc harrow, scoop pan, etc., \$8,750. Don Davis, Erwin 919-820-6008 or 910-897-7282.

NH 848 hay baler, \$8,000; JD 328 baler, GC, \$4,000. Taylor Barnhill, Stokes 252-714-4583.

NH 33 hay baler, 4 cyl. Wisconsin eng., runs & bales good, field ready, good for restoration, \$500. Carey Kiser, Greensboro 336-706-1496.

NH 268 baler; NH 255 rake, \$1,500. Johnny Oates, Bessemer City 704-864-2961.

FARM EQUIPMENT

Kasco vari-slice cultipacker/overseeder, 5 ft w/gauge wheel, EC, \$4,000; MF 2625, 63 hp, 2wd, front loader, 7 ft box blade, 1,100 hrs., EC, \$19,000. Marvin Roth, Trenton 252-224-5901.

MF 135, diesel, EC, rebuilt eng., LNC 5½ ft bush hog & scrape blade, \$6,500; IH 254, diesel, garage kept, 26 hp, 376 hrs., Woods RM59 finish mower, ps, traction lock, \$8,500. C.L. Pickett, Burlington 336-228-8571 or 214-5827.

Ford 14-93 7 ft sickle blade mower, extra sickles, LNC, pto driven, \$1,200. Grady Staley, Liberty 336-685-5874.

1960 MF 6 hi-clearance, diesel, ps, hydr. outlets, good sheet metal, new inj. pump & battery, 8 ft King disc, 6 ft Rhino 3-way drag blade, MF 3 bottom plow, Pittsburgh cult. w/shanks, sweeps, etc., \$9,000/all OBO. Calvin Poole, Autryville 910-624-0703.

Land Pride bush hog, 84 in., EC, 90 hp gear box, no hydr. leaks/rust, \$2,000. Harvey Tyer, Fountain 252-215-9125.

Land Pride box blade, 5½ ft, 3 pt., HD, \$400 OBO; sprayer w/pump, 110 gal., 8 row, 3 pt., solid frame, arms hinged for protection, \$400 OBO. Joseph Wynn, Rocky Mount 252-442-4570 or 903-1171.

Ford 555 B backhoe, less than 100 hrs. on overhauled eng., \$10,500. Herman Johnson, Graham 336-226-1684.

MF 250 tractor, diesel, 48 hp, 1,800 hrs., new tires & filter, \$6,500; MF disc harrow, 14 ft, 44 disc, GC, \$2,500; Ford angle blade, fits tractor w/7 ft, 3 pt. hitch, tilt & angle, HD, \$450. Herman Hoover, Asheboro 336-241-2405.

AC 160, new Perkins eng., tires LNC, good working cond., \$4,000. Aaron Rumley, Burlington 336-263-8226.

Gehl round baler, 4x5 rolls, man. gate pull rope, new belts & bearings, \$1,500. Jimmy Whitmire, Brevard 828-577-5442.

DR sprint brush cutter w/beaver blade & string trimmer attach., slightly used, \$150. John Roy, Greensboro 336-274-2008.

Kubota B7610 w/352 loader, 3 cyl. diesel, 24 hp, 440 hrs., 4wd, hst trans., ps, class I, 3 pt. hitch, foldable rops, EC, \$10,500. Kent Fox, Greensboro 336-294-4671.

Farmall C w/full set of cult., 3 new tires, GC, \$3,750; Red Rhino 3000 jaw crusher, less than 20 hrs., crushes brick, block, stone & concrete w/o rebar, \$29,900; 1985 JD 850 bulldozer, 95% uc, runs good, 12 ft straight blade & tilt, \$21,500. Sam Rensi, Greensboro 336-362-8408.

1969 Case 222 Hydro lawn tractor, fully restored w/extra set of new blades, \$1,800. Gil Branch, Dobson 336-401-6562.

NH 8360, 110 hp, Alamo a-boom mower, \$26,000; NH 8340, 106 hp, 4x4, Alamo a-boom mower, \$26,000. Walter King, High Point 336-418-0015.

King Kutter County Line bush hog, 6 ft, HD, 2 wheeled, high lift rotary cutter, incl. pto shaft, cat. 3, NC, \$1,250. Bert Bollinger, Elkin 336-429-0807.

1974 CAT 941B track loader, GC, \$10,000. James Spears, Madison 336-430-7717.

1998 MF 231 tractor, 38 hp w/31 hp pto, EC, kept under cover, good tires, approx. 750 hrs., owner's man., \$8,500. Don Grell, Burlington 336-449-6757.

1947 Farmall H, good paint, runs good, no dents, \$2,500 OBO. Dennis Walker, Ruffin 336-451-6500.

2006 Kinze 3000 planter, 6 row, 30 in. spacing, dry fert., quick-fill auger, new coulters, Keaton seed firmers, kpm monitor, field ready, \$26,000. Tommy Wagoner, Jonesville 336-469-2803.

1950 JD B, EC, \$5,000. Archie Hudson, Albemarle 704-439-6097.

FARM EQUIPMENT

JD 650 tractor w/finish mower, 1,700 hrs., diesel, wide tires, \$3,500. Tim Everhart, Lexington 336-479-4027.

1960 JD 435D tractor, diesel, GC, \$7,500. Richard Cartner, Mocksville 336-492-2950.

1939 JD L tractor, runs good, good for restore, \$2,800. Harry Dinkins, Mocksville 336-492-5897.

Farmall 140 tractor, 1 pt., cult., fert. attach., \$4,500; 2 bottom plow, spring shank bo-tiller, scoop, bush hog, corn planter, \$325; 3 pt. box fert. spreader w/lid, needs repair, \$125. Billy Timberlake, Timberlake 336-583-6725.

NH 268 sq. baler, \$2,000 OBO. Alvin Herbin, Gibsonville 336-584-8960.

MF 35 Deluxe, Continental gas eng., runs good, \$3,500 OBO. Bruce Kidd, Franklinville 336-615-1342.

MF 35 diesel tractor, \$1,500; IH 2 bottom turning plow w/1 pt. hitch, \$275; AC pull-type combine w/5 ft cut, \$550; hay spear, 3 pt. hitch, \$100. Ernest Pinnix, Eden 336-627-9303.

1973 Int'l Cub tractor, EC, cult., disc-hillers, com planter, \$3,750. Howard Stubblefield, Randleman 336-674-5925.

Rear farm tractor wheels & tires, 15.5x38 on 14 in. rim, 75% tread, pics avail., \$750/pair. Joe Wages, Winston-Salem 336-682-7950.

1965 IH 424 tractor w/squealer bush hog, gas, GC, \$4,200. Elizabeth Macdonald, Blanch 336-694-1737.

1952 Ford red belly tractor, \$2,250; 2, 6 shank cult., \$100/ea.; 5 ft straight blade, \$150; 8 shank tiller tool, \$250; 7 shank tiller tool, \$225. Alvin Everhart, Lexington 336-731-4811.

NH 268 baler, barn kept, owned 4 yrs, knots inconsistent, baled lots, good for someone who knows NH knotter adjustment., \$1,000. Forrest Breedlove, Mocksville 336-749-8024.

Int'l Cub Cadet 102, VGC, \$600. Jerry McKenzie, Lexington 336-752-2700.

Hardee pull-type sprayer, 300 gal., 30 ft booms, several nozzle sets, new foam marker, extra boom assembly, pump can be used w/nitrogen, GC, field ready for crop/pasture, \$2,500. Travis Graves, Burlington 336-266-0460.

Galfre rotary tedder, 3 pt. hook-up, used w/approx. 250 hay bales, EC, \$1,500. Mickey Willard, Winston-Salem 336-788-1548.

JD 6420, 110 hp, cab ac/heat, VGC; NH TS110, 110 hp, cab ac/heat, VGC, \$28,500. Rick King, Clemmons 336-817-6535.

Case Int'l 695 tractor, 1,200 hrs., GC, \$9,000. Brackie Wright, Ramseur 336-879-5431.

Case 310 tractor w/bush hog, \$2,900; 8 ft bog harrows, 3 pt. hitch, \$250; small harrow, \$150. William Kroll, Bennett 336-879-6505.

Ingersoll J46 mower deck, fits Ingersoll or Case lawn tractors, \$110. Lonnie Wilson, High Point 336-882-9550.

JD 430W, EC, \$4,500; 1950 JD, \$2,450. John Bradsher, Hillsborough 336-918-1592.

David Brown 4600 tractor, gas, ps, \$3,000; Int'l Cub w/plow, blade, tillage tool, \$2,000; gas eng., fits Ford 600-900 tractor, \$600. David Shepherd, Wilkesboro 336-921-3166.

JD 39M mower, 6 ft, fits JD 40, 420, 430, 1010, GC, \$200. Tommy, Winston-Salem 336-924-1588.

NH 1033 stack wagon, 104 bales, GC, \$5,000; NH 519 manure spreader, GC, \$2,500. Jeff Maness, Asheboro 336-963-2190.

1973 Int'l Cub tractor, EC, cult., disc hillers, com planter, \$3,550. Howard Stubblefield, Randleman 336-963-2765.

1953 Ford Jubilee tractor, new tires, excel. eng., steering & live lift, good sheet metal & paint, \$3,500. Tiny Simpson, Kernersville 336-993-4714.

AC 66 combine, many good parts, \$125. Wayne McConnell, Mt. Ulla 704-340-2944.

Farmall 140, cult., plow, 1 pt., draw bar & extra adapter, some surface rust, dents & dings, good tires, runs & works great, field ready, \$3,000. Darrell Beam, Hickory 828-324-1278.

FARM EQUIPMENT

1946 JD A slant dash, roll-a-matic front end, JD casted into rear end, older restoration w/excel. rear tires, front tires cracked, \$3,250. Phillip Boyles, Denver 704-408-1058.

Skid loader universal attach., fork, bucket, root grapple, 4-in-1 bucket, 6 ft bush hog, 5 ft roto-tiller, 9 ft backhoe, trencher, \$350-3,750. Barnabas Zsigmond, Shelby 704-466-3737.

JD 12-A straight-through combine, 66 in. cut, ser.# 12-65519, w/JD model luc power unit, op. manual, GC, \$1,500. Fred Pless, Rockwell 704-467-1905.

Gehl 1070 hay conditioner, compl. for parts/repair, broken torsion bar, \$750. Larry Proctor, Shelby 704-472-8120.

140 w/fast hitch, some equip. incl., \$6,000. Alva Williamson, Hiddenite 704-585-2440.

1951 Farmall Cub, rebuilt motor & hydr., new front tires/rims, 12v system, working lights/gauges, new paint & decals, starts/runs good, \$2,500; Woods 60 in. mower deck, \$500. Bobby Kelly, Cornelius 704-599-7694.

AC tractor w/cult. & lay off plow, new battery, converted to 12v system, pics. avail., \$2,000. Kevin Braswell, Stallings 704-609-1281.

JD front mount hydr. dozer blade, 10 in. wide, fits many models, \$2,000. Randy Clontz, Indian Trail 704-634-5910.

Hay elev., GC, \$500. Rhodnick Lowe, Salisbury 704-636-3408 or 202-9605 between 8 a.m.-6 p.m.

NH 545D industrial loader tractor, 2 avail., \$17,500-18,500. James Willis, Lawndale 704-692-2969.

NH 1069 self-propelled stack wagon, 160 bale, Perkins diesel, 6 new tires, ac, rebuilt eng. 3 yrs. ago, new clutch, field ready, GC, \$35,000 OBO. Jason Smith, Salisbury 704-798-4844.

Int'l 400 tractor, GC, good sheet metal, partially restored, \$3,500. Ward Turner, Polkton 704-826-8573.

MF 3660; Hesston in-line sq. baler; accumulator 8T, 12 bale w/grapples; Krone tedder; Vermeer VR1022 rake; MF 1839 drag harrow; bush hog scrape, \$1,000-50,000. Mark Tankersley, Gastonia 704-860-7776.

2011 Kubota 7040, 2wd, full cab, shuttle shift, remote, approx. 250 hrs., LNC, 6 front weights, turbo diesel, \$25,000. Ernest Stoffel Jr., Albemarle 704-983-3090.

Farmtrac 435 tractor, 139 hrs., box scrape & landscaping rake, LNC, \$8,100-8,600. Gail Burris, New London 704-983-3642.

Phillips 4305A rotary harrow, LNC, used on approx. 2,500 ac, \$17,000; Reddick 12 row hooded sprayer w/2-300 gal. tanks, pump & ravens controller, used on 500 ac, 1 season, \$15,000. Barry McSwain, Norwood 704-985-3751.

Brush Blazer circular hydr. mower, 48 in., fits Kubota trackhoe w/quick attach., \$4,500 OBO. Allen Case, Canton 828-235-1675 or 550-4964.

McCormick Deering 22-36 tractor, ready for restore, \$1,500; Bucyrus-Erie 35C crane, DT466 lower, 3208 upper, \$25,000. Bill B., Conover 828-244-1652.

Tractor tires, 4, 21.1 x30, 90% tread, \$450/ea. or trade for 24.5x32 tires. Robert Herron, Fletcher 828-337-1373.

1979 Gleaner F2 combine, low hrs., new parts, \$8,000 OBO. Michael Souther, Statesville 704-929-7289.

2003 Ford NH T180 tractor w/quickie loader, self-leveling, 4x4, 860 hrs., \$26,500. Donnie Johnson, Hiddenite 828-502-0538.

JD lus stationary eng., mounted on homemade wagon, \$500; 1941 JD H w/factory elec. start, lights & hydr. power lift, cast iron front wheels, 4 LNC tires, good paint, \$4,500. Ed Lineback, Winston-Salem 336-764-0041.

FARM EQUIPMENT

King Kutter bush hog, \$550. Dallas Clay, Concord 704-603-7457.

Farmall Cub tractor w/cult., turning plow & draw bar, runs good, older, \$2,150. Eddie Carter, Pisgah Forest 828-884-9307.

Disc, 24 blade, adj. front half, can load for buyer, \$400. Claude Lewis, Boone 828-963-5739.

Kubota I210 intact tractor, needs rebuild, \$650. Garrett Goodman, Mt. Gilead 910-231-5350.

1998 NH 648 hay baler, approx. 3,000 bales, stored under shed, GC, \$10,500 OBO. Jennings Humphrey, Burgaw 910-231-6342.

Ford 309 2 row planter w/fert., \$750; 7 ft disc, \$600. Leo Naylor, Autryville 910-309-6852.

Ford 3400 utility tractor, diesel w/Ford 730 series front loader, HD rear box blade & wheel weights, \$4,500. George Kelly, Salem-burg 910-564-6240.

2001 Efc TR1540 auger, soil, 8 in. bit, 2 stroke eng., GC, needs carb. repair, \$150. James Walker, Troy 910-572-3092.

Kubota M110GX w/LA1954 loader, less than 500 hrs., 4wd, cab, h/a/radio, 110 hp shuttle shift, 24 spd. power shift, \$60,000. Danny Sedberry, Mt. Gilead 910-572-8566.

Cole planter w/3 pt. hitch & fert. hopper, EC, incl. plates & extra parts, \$400. Becky Enzor, Fair Bluff 910-649-5510.

NH 277 baler, GC, \$2,500 OBO. David Garrett, Saint Pauls 910-734-2315.

Taylor-Way chisel plow, 5 prong, 3 pt. hitch, HD w/bedder blades, \$400; Int'l 2 row cult., 3 pt., \$1,200; JD planters, 4 row, pull-type, model 51, \$500; Ford 4 row planters, pull-type, for parts, \$200; other items avail. David Risen, Lumberton 910-739-4401.

AC 7045 tractor, FC, needs cab repair, runs good, \$5,300 OBO; IH 1086, new radiator, compressor, injectors & gaskets, \$14,000 OBO; JD 1240 4 row, 36 in. planters, plateless set, GC, works good, \$2,000 OBO. Justin Simmons, Supply 910-754-8998.

IH 1066 tractor, 1966 Chevy 10 wheel, 20 ft Godwin scissor lift dump, grain sides, \$13,500. M.D. Smith, Dunn 910-891-4713.

MF 300 combine quick attach header & 13 ft ridged grain head, parts 33 corn head, \$500-1,000. John Hilliard, Siler City 919-200-8146.

Bale spear, 3 pt, main spear, adj. height, can handle up to 1,000 lbs., EC, \$120. Doug Chappell, Wake Forest 919-266-2201.

Metal wheel sickle mower, 32 in., \$50. Jim Odette, Apex 919-362-9341.

2001 TC40 loader, 4wd, 763 hrs., 5 ft mower & box blade, sheltered, \$12,500 OBO. Nanette Kay, Pittsboro 919-434-4243.

McCormick W-40 tractor on rubber, not running, FC, \$2,500. Abe Kemp, Franklinton 919-496-4857.

Long 2610 tractor w/loader w/ forks & bucket, extra 20 blade disc on wheels, \$7,500. Preston Woolard Jr., Louisburg 919-496-4966.

Carlisle Mud Wolf ATV tires, farm use, 2-26x12-12; 2-27x9-12, LNC, \$250. Larry Murray, Louisburg 919-496-9386.

Taylor 377 disc harrow, 20 blade, 3 pt. hookup, \$1,200. Jeff Bass, Franklinton 919-514-8263.

Ford 8N tractor w/box blade, \$2,700. Billy Breeden, Haw River 919-636-0210.

1971 MF 135 tractor, diesel, 4 spd. w/hi-lo range, runs good, good tires, no ps or equip., \$4,850. Eric Oldham, Chapel Hill 919-636-2254.

2013 W.R. Long HG-ARR10 grappalator, sq. bale accumulator & grapple combined for handling sq. bales, holds 10 bales, \$4,500; JD 8200 grain drill, 21 disc, 7 in. spacing, \$1,000 OBO. Jimmy Womble, Chapel Hill 919-812-0832.

FARM EQUIPMENT

Wheels, centers & tires off NH TN70 4x4 tractor, rear, 19.9x24, 35%; front, 10.2x20, GC, will consider trade, \$2,500 OBO. Sam Borland, Cedar Grove 919-732-7503.

MF HD box blade, 6 ft, \$300. Jerry Murphy, Castalia 919-853-2012.

Int'l 464 tractor, gas, GC, \$4,500. Jeff Bass, Franklinton 929-514-8263.

NH 630 round baler, GC, sheltered, \$6,500. Ronnie Oakley, Mayodan 336-427-3475.



Equipment Wanted

Ford 309 planter plates, corn, beans, sorghum & filler plates; Ford 309 corn planter for parts. Charles Chamelin, Kernersville 336-769-4418.

Ford/NH 7209 loader, fits 3930 tractor. Ronnie Oakley, Mayodan 336-427-3475.

Pull-type grader, GC. James O'Briant, Roxboro 336-599-6529 or 740-6738.

Rops, fits 1980 MF 245, GC, canopy optional. Aubrey Light, Eden 336-280-0496.

Sq. bale accumulator, fits front end loader. Bennie Hopkins, Burlington 336-584-7916.

Ford scoop pan, circa. 1955, must have Ford tag. David Curry, Lexington 336-798-1840.

6 stone guards for Kuhn 372 sickle mower; Kuhn 372 mower for parts, UC. Dan Fine, Denton 336-859-2260.

No till corn planter, 4 row. Michael Gordon, Siloam 336-926-5864.

Backhoe w/3 pt. hitch, GC, prefer hydr. pump incl., size not critical. Tom Whitley, Kannapolis 704-467-1614.

MF 1859 grain head, 13 ft cut w/floating cutter bar & uil alum. reel. Scott, Salisbury 704-636-4585.

Old sorghum mill, pref. workable & belt-driven. Gil Mackey, Dallas 704-922-5385.

Model 60 front end loader, fits JD 670 tractor. Raymond Davis, Rutherfordton 828-429-0893.

JD 4430 or 4440 w/cab, GC, reasonable price. Lee Gragg, Morganton 828-443-1924.

NI 1 row corn picker, GC, field ready. Tony Williams, Robbins 910-464-2120.

Backhoe/tractor tire, 16.9-28, no cracks. Chris Leggett, Lumberton 910-740-4401.

JD 318 w/3 pt. hitch & pto parts. Neil Fields, Sanford 919-770-0581.

Portable hay elev., 16 ft & up in length. Lloyd Smith, Sanford 919-775-2316 in the evenings.

Finishing mower for compact tractor, less than 20 hp, pref. 5 ft & smaller, \$475 or less. Dustin Tanner, Salisbury 980-345-7292.



Aquaculture, Supplies & Services

Mosquito fish, gambusia, widely used for mosquito control, disc. w/lg. orders, \$100/1,000. Bobby Irving, Madison 336-613-5294.



Hay & Grain For Sale

Orchard grass, in field, \$3.25/ea.; barn, \$4/ea.; fescue, horse quality, in field, \$2.75/ea.; barn, \$3.25/ea. J. Lloyd Mabe, Danbury 336-703-8232.

Wheat straw, sq. bales, \$4/ea.; orchard & fescue mix, sq. bales, \$6-7/ea.; cow & goat hay, \$4/ea. Barry Lindley, Pittsboro 919-742-4009 or 542-8920.

Hay, horse quality, rolls, \$30/ea. H. Davis, Elon 336-260-7606.

Fescue mix w/orchard grass & clover, horse quality, sq. bales, shed kept, \$4/ea. Derek Watson, Reidsville 336-214-3312.

Coastal Bermuda hay, horse quality, in field, call in advance for time frame for cutting, \$4.50-5.25/ea. Ryan Hussey, Eagle Springs 571-969-0216.

HAY & GRAIN

Orchard grass/fescue hay, horse quality, 45-50 lbs., sq. bales, spring cutting, in field, \$3.25/ea.; in barn, \$4.25/ea.; 4x5 rolls, \$25/ea. w/lot pricing avail. Marshall Ratliff, Reidsville 336-342-0068.

Orchard grass hay, clean & no rain, sq. bales, 50+ lbs., at barn, approx. 400 bales, \$5.50/ea. Kenneth Chilton, Pilot Mountain 336-399-1973 or 374-2410.

Fescue & orchard mix hay, clean, 2014 cutting, cut in boot stage, sq. bales, in barn, \$4/ea.; 4x5 round bales, \$30/ea. Cronnie Davis, Ramseur 336-460-4322.

Fescue, 06-14 cutting, sq. bales, \$3/ea.; 4x5 rnd bales, \$30/ea. Jennifer Benkosky, Burlington 336-516-4859.

Fescue hay, horse quality, in field, \$3/ea.; at barn, \$4/ea. Keith or Don, Elon 336-584-3195 or 516-8189.

Orchard grass, Timothy, fescue, clover, Kentucky Bluegrass mix, 2014 cutting, horse quality, lg. sq. bales, no rain, will deliv., \$5.50/ea. Elizabeth Macdonald, Blanch 336-694-1737.

Orchard/alfalfa, in field, \$4/ea.; at barn, \$4.50/ea. John Kapp, Rural Hall 336-969-6630.

2014 oats, buyer's 55 gal. drum, \$35; 2014 wheat, 55 gal. drum, \$40; empty drums, \$10 w/purchase. Randy Clontz, Indian Trail 704-634-5910.

2014 oats, clean, \$7.50-8/bu. P.A., Valdesse 828-443-0816.

Orchard/Timothy grass, horse quality, sq. bales, \$8/ea.; rnd bales, \$55/ea. w/deliv. avail. for fee. James Fender, Marion 828-606-2959.

Fescue/orchard grass, 05-14 cutting, no rain, \$4.50/ea. Gloria & Jim Jahnke, Chapel Hill 919-967-5558.



Hay & Grain Wanted

Wheat straw for grass seeding new land, need 50 sq. bales. Jim Hunsucker, Robbins 910-639-0294.



Bees, Supplies & Services For Sale

NOTICE

N.C. law requires a permit to sell honey bees in the state. A permit is not required for: The sale of less than 10 bee 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 their movement to gather honey.

Contact Don Hopkins, state apiarist, NCDA&CS, 1060 Mail Service Center, Raleigh, NC 27699-1001 for information.

Carpenter bee traps, like bird houses, traps & kills, shipping avail., \$15. Randy Metcalf, Mars Hill 828-206-2938.

Beekeeping supplies & wood-ware, frames, wax, tools, etc., limited nucs, \$1-125. Dave Bradley, Nashville 252-443-6471.

Nucs, 4 & 5 frame, new queen, good brood, no frame exchange, \$100-115. Thomas Medlin, Hurdle Mills 336-364-1915.

Bee trailer, double axle, holds 20 hives, \$500. Charles Winesett, Pinnacle 336-368-2519.

Mid-summer nucs; locally raised Italian queens, limited supply, inspected & licensed, \$20 & up. Garry Whitley, Albemarle 704-982-0698.

Nucs, 5 frame, in your box, \$125; cardboard box, \$135; wooden box, \$155; mated queens, \$25. Johnny & Roxanne, Connelly Springs 828-368-2505.

State inspected bees, queens, \$20; nucs, \$135. Wade Penny, Beulaville 910-290-4186.

Italian honey bee queens, prod. from tested hygienic stock, pick up/mailed, \$22.50. Rick Coor, Goldsboro 919-778-0210.



Bees, Supplies & Services Wanted

Space w/fruit trees & agriculture for bee hives, will rent bee hives for season for pollination, \$50. John Dean, Louisburg 252-207-4947.



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.

Old horse buggy w/steel wheel & harness, GC, \$700. Bryant Wilson, Catawba 828-485-6364.

Miniature donkeys, excel. quality, IMDR reg. jennies, \$600 & up. Steve Levitt, Efland 919-563-9527.

Keith roping saddle, custom built, VGC, 15 in., \$475; Barrel western saddle, LNC, 15 in., \$100; Australian saddle, 15 in., \$225. Tommie Cato, New London 336-857-2935.

Paso fino mare, grand nat'l champion, baby by side, \$5,000; Rocky Mountain mare, grand nat'l champion, \$5,000; paso fino paint, excel. trail horse, \$1,400. Charles Hursey, Elon 336-516-5193.

2006 Kiefer Built Evolution horse trailer, 4 horse slant load, mangers, fully loaded, living quarters, EC, \$42,000. K.C., Elon 336-538-1947.

Lg. horse barn for lease, 180 ft long, 14 stalls, riding rink & 4 ac pasture area w/new woven wire fencing, lg. center hall in barn & riding rink, incl. water, \$450/mo. Dianne Watterson, Lexington 240-498-0733.

Pasture horse boarding w/ horse barn, 30 ac pasture fenced in, storage for tack & hay, riding trails, secl. area, \$100/mo. Boyd Lockhart, Semora 336-234-8518.

Blk. gelding, out of Gray Ghost at Chestnut Hills, Ruffin, needs exp. rider, 5 y/o, \$950; 1988 Trigg goose-neck, 37 ft, custom built camper/3 horse trailer, tack room, living area, sleeping loft, kitchen, bath w/tub & shower, \$9,500. Edgar Stone, Greensboro 336-272-1465.

Horse boarding in Asheboro, 12x12 stalls, matted & lighted, stall fans, 2x daily feedings w/quality feed & hay, daily turnouts pastures, trails, work & lighted riding ring, tack room, etc., full board, \$250; partial, \$150. Tony & Tricia McMasters, Ramseur 336-302-6853.

Sorrell paint pony mare, 5 y/o, utd on shots, \$500. Carolyn Kidd, Bennett 336-581-3490.

Billy Cook barrel saddle, 14 in., VGC, light tan, roughout, 22 lbs., \$500. Joe Wages, Winston-Salem 336-682-7950.

County Competitor dressage saddle, 18 in xw tree, EC, \$2,500; Serafin show pleasure horse cart, EC, \$1,500; Barnsby flat saddle, Morgan/Arab tree, 21 in. seat, EC, \$500; other items avail. Terri Aprile, Gibsonville 336-698-0207.

Horse training, all levels, my farm/yours, starting young horses, retraining problem horses, etc., yrs. of exp., \$300. Natalie Johnson, Mt. Airy 336-710-0680.

Mares, 8 y/o, needs work, \$400/ea OBO. Glen Hamilton, Denton 336-859-5038.

Miniature donkeys, \$400-600. Hendrik Smock, Asheboro 336-879-2637.

Crump Co. cutback saddle, 20 in., UC, incl. stirrups, minor wear, good brand & quality, \$200 OBO. Aimee Sink, Lexington 336-956-1976.

HORSES

1995 2 horse trailer, bumper pull w/ramp, GC, new tires, \$1,250; Circle Y western saddle, 16 in., mahogany w/blk. pad seat, GC, \$800; Dakota western saddle, 16 in., tan w/rawhide trim, VGC, \$600. Danny Blackwelder, Albemarle 704-425-0493.

Shavings & sawdust mix, stored in dry, good bedding for stalls, on farm deliv. avail., \$20/scoop. Chris Furr, Albemarle 704-791-2503.

Horse boarding, self-board, pasture/stall, riding ring, round pen, 12x12 stalls, farm rds. for riding, located in Chinquapin, 30 min. southwest of Jacksonville, \$60/mo. Jim Lofts, Beulaville 910-471-0268.

Miniature horses, blk./white w/blue eyes, loud 50/50 on color, blk./white filly, sorrel/white colt, homozygous, parents on site, show/pet quality, \$700. Pam Banks, Clayton 919-412-1684.

2004 Eby slant load 3 horse trailer w/living quarters, VGC, always sheltered, auto. single-leg jack, \$21,500. Chip Perry, Siler City 919-542-7746.

1999 4 Star 3 horse trailer w/10 ft lq, well-built, air ride equip., mangers, drop on head & tail, awning & hay rack, \$25,000 OBO. Randy Denning, Four Oaks 919-963-4079.



Horses & Supplies Wanted

Horse for trail riding & cart pulling, pref. gelding. Wolfgang Sumann, Beulaville 910-298-5789.



Farmland For Sale

Land for sale must consist of at least 3 acres and be used for agricultural purposes. Advertisers must indicate use of land.

10 ac w/2 poultry breeder barns, under contract w/all updates, \$325,000. Karen Hill, Siler City 919-742-2747 or mvesa@hotmail.com.

10.5 ac in Alleghany co, creek & small pond, deer & turkey, secl. area, cabin & out bldg., near Sparta, \$81,000. Bob & Joyce Balog, Richlands 910-467-7109.

46 ac in Randolph co, 28 ac open, good for pasture/cult., 15 ac wooded, rd. frontage, \$226,000. Sue Ellen & James Lowe, Asheboro 336-653-6040 or 963-2941.

9.11 ac in Lee co, 1,050 ft rd. frontage on Lanier Farm Rd., growing timber, deer & turkey, well & septic w/1995 mobile home, \$77,350. Harold McNeill, Sanford 919-708-3800.

7 ac in Rowan co, paved rd. frontage, \$65,000. Faye Miller, Salisbury 704-636-3364.

65 ac in Martin co, 15 ac cleared, 50 ac cutover wood land, good for hunting, 2 rd. front right-a-ways, \$2,500/ac. William Modlin, Jamesville 252-792-7709.

5+ ac in Winston-Salem on Davis Rd., near Reynolds Airport & Walkertown businesses, 90% cleared, has running water, deer, good for home site & pasture land, \$55,000. Eddie Day, East Bend 336-699-8033.

32 ac in Stokes co, pond site, livestock, produce, trees, hunting, house & garage, equip., good for young & energetic farmer, \$217,000. Wallace Henley, Sandy Ridge 336-209-8012.

8 ac farm in Moore co, 7 ac fenced in grass w/1 ac pond, 900 ft rd. frontage, 650 ft creek frontage, nice barn, 4 out bldgs., 2 br/1 1/2 ba house w/new well, septic & metal roof, \$89,500. R. Wilson, Goldston 919-837-5944.

30 ac horse/cattle farm, 2 car garage, lg. shop w/storage, stable, pond, 2 bd/1 1/2 ba brick house, central heat/air, \$1,000/mo. Boyd Lockhart, Semora 336-234-8518.

FARMLAND

6 ac in Sophia, wooded, perks good, \$49,500. Jimmy Glenn, Sophia 336-498-4098.

300 ac in Tyrrell co, near Columbia, some cleared, good access into property, great hunting land for deer & bear, approx. 50% swamp, small house incl., \$330,000. Dianne Watterson, Lexington 240-498-0733.

Land avail. for 1-2 squirrel hunters, Free. William Sharpe, Wilson 252-243-6801.

17.5 ac in Davidson co between Tyro/Reeds, co water, 1,900 ft rd. frontage, pond, 2 creeks, wildlife, deer, turkey, etc., approx. 4 ac trees, \$230,000. Steve Yarborough, Lexington 336-225-1301.

78.5 ac in Orange co, 4 y/o, loblolly plantation, can be divided, near I-85/40 & Chapel Hill, \$5,000-6,000/ac. John Jordan, Saxapahaw 336-376-3122.

51 ac mini farm/hunting retreat in Caswell co, Yanceyville, 2 approved perk sites & pond, adj. to state game lands of 16,000+ ac, \$135,000. Sam Munday, Kernersville 336-414-6141.

11.67 ac in Surry co near Mt. Airy, fenced pasture, woods, creek, great for home, horses, cows, other livestock, row crops & grapes, \$52,000. Gray Cassell, Kernersville 336-430-8877.

50 ac in northern Orange co for 1 yr. hunting lease, \$400. Mark Harris, Graham 336-567-5854.

26 ac in Randolph co, 7 ac field & 19 ac wooded w/deep river frontage, great farm community, \$65,000. Randy Macon, Ramseur 336-824-2288.

8+ ac in Yadkin co, fenced pasture w/1 ac pond in center, 492.1 ft rd. frontage, 2821 Wyo Rd., \$75,000. Kathleen Reavis, Winston-Salem 336-924-8856.

18.65 ac in Ashe co near Lansing, rural, potential for tree farm, hunting cabin & home sites, \$69,000. Beth McCashin, Mocksville 336-998-5280.

9 ac on Elmwood Rd. w/barn, outbuildings & farmhouse, approx. 8 ac fenced, \$129,000. Jeff Dark, Statesville 704-252-0268.

11.88 ac in Lincoln co, 400 ft rd. front, gardens & pasture, permaculture, storage bldgs., apartment & 3 bd house, \$130,000. Barry & Lillie Boyles, Vale 704-276-3193.

12.9+/- ac in Rowan co, near Rockwell, good deer hunting, \$7,400/ac. Gary Wagoner, Badin 704-422-5153.

16 ac in Creston, wooded, wide, trout stocked creek & hunting shack, \$80,000. Pam Orbison, Salisbury 704-565-9726.

23 ac wooded land in Surry co, Pipers Gap area, \$110,000; 100 ac mountain land w/timber above Lowgap, \$350,000; 100+ ac in Rowan co w/clear & timbered land, barn, sheds & house, \$775,000. Rhodnick Lowe, Salisbury 704-636-3408 or 202-9605 between 8 a.m. & 6 p.m.

40 ac in Randolph co, 5 mi. south of Ramseur, paved rd. frontage, creek & pines, great farm community, \$120,000. Larry Macon, Salisbury 704-798-2208.

50+ ac in Alamance co, cleared farm land w/ig. creek, near Alamance Battleground on Hwy. 62, Clapp Mill Rd., 60 ft legal right of way on Hwy 62, \$8,500/ac. Jeanne Campbell, Wilmington 910-617-9119.

102.5 ac in Anson co, good for chicken houses, \$219,000. Carl Lee, Rockingham 910-995-7886 or 417-9649.

15+/- ac in Wilkes co near Thurmond game lands & Stone Mountain state park, 2,500 ft elevation w/ mountain views, \$41,500. Connie Simmons, Timberlake 919-698-9155.

243 ac in Bladen co, 18 y/o long leaf pine plantation, duck ponds, excel. annual income & hunting, other tracts avail., \$415,000. Mike Wessell, Raleigh 919-801-5383.

10 ac in western Lincoln co, fenced, barn w/3 stalls, tack room, loft, cover, water & elec., \$79,900. Garrett Carmichael, Lincoln 980-241-9781.

FARMLAND

23.5 ac in Duplin co, lg. out bldgs., shop, good for horse, cows & other animals, excel. hunting, 4 bd/2 ba house, \$225,000. Frank Brown, Albertson 919-922-3045.



Farmland Wanted

Land to lease for 2014 & future yrs. for deer hunting within hour drive of Stanly co, ref avail., responsible hunter. Jimmy Furr, Stanfield 704-888-0213.

5-30 ac farmland in Spring Hope area or within hr. from Raleigh, can clear trees, not in city limits, under \$100,000. Rob Roy, Franklinton 201-519-7327.

Pasture land to lease in Granville, Vance, or Warren co for cattle, young cattle prod., refs. avail. Jeremy Wyche, Henderson 252-430-4666.

Land w/livable house to lease in Davidson co, will use for farming, \$500-575/mo. S.B., Lexington 336-202-6005.

Land to lease for deer hunting, Belews Creek/Stokes co area. Larry Needham, Belews Creek 336-595-2910.

Land in Iredell co for 2014 deer hunting lease, 3 family members, responsible hunters & will keep property clean. Jordan McLemore, Mooresville 704-497-9400.

Land in Iron Station or Denver area w/fenced pasture for horses & home. Wendy Lanham, Charlotte 704-512-8943.

Land for farming in Iredell & Rowan cos, pref. near Mooresville. William Haraden, Mooresville 704-622-2307.

Land to lease for wild turkey hunting. Lee Carawan, Concord 704-782-5952.

Hunting lease in central NC, exp. hunters & good land stewards. Mike Gray, Thomasville 828-736-1117 or mgray03@northstate.net.

Small horse farm near Ft. Bragg, need room for 3 horses, can provide prof. & equine refs., \$1,000. Renee Baker, Raeford 901-633-2139.

Pasture land in upper Moore co or surrounding area for cows. John Morrison, Robbins 910-215-6955.

Land in Chatham co near Bonlee, Siler City to lease for cattle/crop land. John Hilliard, Siler City 919-200-8146.

5+ ac for lease/purchase in Johnston, Wake, Franklin, Durham or Granville cos, barn/warehouse, 30x50 or 40x60 w/12-14 ft ceiling & house. T.J. Fox, Smithfield 919-464-6455.

10-50 ac in Wilkes co for pasture. Nicholas Allen, Wilkesboro 919-548-2463.

30+ ac farmland/woodland mix in northern Harnett or southwestern Johnston co, house & bldgs. a plus, not req. Chip Stitt, Cary 919-841-6123.

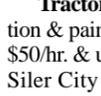


Farm Labor

John Blue pump parts & repairs, parts & labor guaranteed; rebuilt pumps, \$50-3,000. Scott Blackwell, Cerro Gordo 910-770-1189.

Portable sawmill service, we mill your logs into lumber at your location, within 60 mi. radius of Raleigh, 1,500 bd. ft min., price incl. stacking w/your stickers, \$0.45/bd. ft. Scott Smith, New Hill 919-291-0095.

Tractor/farm equip. repair, restoration & painting, eng. & clutch rebuilds, \$50/hr. & up dep. on job. Danny Hicks, Siler City 919-704-5219.



Farm Labor Wanted

Farm help needed, bush hogging/ weed eating, etc. using our equip., must be exp. w/tractors & farm equip., reliable & responsible, \$10/hr. Renee Caron, Madison 336-427-4211.

Sheep shearing for 1 baby doll. David Cuomo, Castle Hayne 910-200-2382.

FARM LABOR WANTED

Organic farmer needed, free room/board & small salary, must have knowledge & physical ability to work farm, send resume to Tommy, P.O. Box 71, Robbins, NC 27325-0071, 910-975-5228.



Livestock For Sale

Santa Gertrudis, purebred replacement cattle, polled, reg. & non reg., bulls & heifers, \$1,200 & up. Richard Shaver, Cleveland 704-278-9291.

Goats, breeders & meat, \$125-150/ea. N. Hobson, Pittsboro 336-376-8137.

Charolais, performance tested since 1966, purebred, reg., polled & horned, \$1,500-25,000. John Will Headen, Siler City 919-200-3549.

Guernsey heifers, 900 lbs., open, ready for bull, \$1,200. Garner Jarrell, Mt. Airy 336-648-4288.

Boer kids, 04-14, reds, red & white, trad. bucks & does, \$150/ea. Frank Tisdale, Battleboro 252-883-4717.

Pygmy goats, ready 07-12-14, nannies, \$40/ea.; billies, \$35/ea. Robin Brown, Bolivia 910-253-4857.

Huacaya alpaca male, 7 m/o, med. brown, healthy, \$750. Jim Waters, Concord 704-736-9257.

Goats, wethers, Nigerian bucks, Nubian does, \$100-150. Pansy Kelly, Reidsville 336-432-1279.

Reg. male Nubian, 4 m/o, \$250; Nubian/Nigerian dwarf males & females, 3-4 m/o, \$200. Patsy Black, Bennett 919-663-0970.

Blk. Angus herd bulls, steers & heifers, Traveler, GT Maximum & 727 Executive bloodline, \$700 & up. Tim Moss, Graham 336-376-3773.

Bulls & heifers, low birth, high growth, gentle, great epd's, grass fed, Blue Q bloodlines, bulls, \$1,600 & up; heifers, \$1,300 & up. Danny Dennis, Mt. Gilead 910-572-2286.

Boer goats, good selection, males & females, \$100 & up. C.L. Pickett, Burlington 336-228-8571 or 214-5827.

Reg. gulf coast native breed, hardy, never needs worming, parasite resistant, easy birthing, great meat & good wool, ewes, \$200; rams, \$175. Loretta Mullenix, Warrenton 252-257-2046.

Purebred Dexters, heifers, \$900; bulls, \$700. David DeWald, Hertford 252-333-5813.

Kiko bucks, 1 y/o, purebred, reg. w/papers, 3 avail., \$300. George Beucler, New Bern 252-633-6133.

Full blood Poland China boar hog, 6 m/o, \$175; Poland China boar, 4 y/o, \$150; Poland China & Duroc pigs, \$40 & up. Scott McDowell, Denton 336-241-3350.

Alpine dairy goats, ADGA reg., mature bucks, buckling, doelings & dry yearling, from small family herd, hand raised, \$150 & up. Leon Albright, Thomasville 336-250-7288.

Angus bulls, Et Sons of Consensus 7229; 1, Sim-Angus & 2, sons of Occ Ultich, 2013 fall calves, bulls & heifers, \$2,800 & up. Steve McPherson, Snow Camp 336-263-6042.

Dorper x ewe lambs & ram lambs, born 03-2013, \$225. Paul Walker, Haw River 336-269-8597.

ADGA Nubian kids, flashy colors, \$200 & up; AGS & ADGA Nigerian kids, some polled/blue eyes; adult does, \$150 & up. Janet Clifton, Lowgap 336-326-7400.

Alpacas, quality genetics, females & males & cria, will sell sep./whole herd, \$500-1,500/ea. Steve Davis, Jamestown 336-337-5058.

Reg. Angus bull, 8 m/o, old dam aaa #16891778, sire aaa# 17221140, \$1,600. Greg Collins, Westfield 336-351-4734.

Pygmy goat kids, does & bucks, asst'd markings, healthy & friendly, born 05-14, \$40. Lisa Belcher, Ararat 336-374-3259.

Reg. Nubian goats, 2 does & 1 buckling, flashy colors, \$200 & up. Sarah Miller, Yadkinville 336-463-4687.

ABGA boer does, bucks, comm. does & wethers for fall show season, \$250 & up. Todd Mabe, Sandy Ridge 336-593-2367.

LIVESTOCK

Boer/Kiko goats, 50/50, bucks, \$150 & up; does, \$250 & up. Steve Jones, Thomasville 336-475-6539.

Purebred Angus heifers, weaned & vacc., \$1,000. James McCauley, Elon 336-586-0907.

Katahdin/Dorper cross ram lambs for breeding stock, born 01 & 02-14, good confirmation, not reg., \$150. Debbie Bracken, Mocksville 336-671-3117.

Dorper ram lambs, will be ready for fall breeding, commercial, \$200; reg. purebred, \$425. David Richardson, Graham 336-684-9502.

Miniature llamas, variety, babies-adults, \$900 & up. Mike & Wanda Higgins, Gibsonville 336-697-8955.

Boer bucks, full blood, purebred, born 02-14, healthy, shots, show quality, prod. grand champion last yr., \$250/ea.; fainting bucks, 9 & 12 m/o, \$90/ea. Dodd Linker, Clemmons 336-712-2484.

Hereford whiteface cow, big boned, dark red, out of reg. stock, no papers, due to calve w/2nd calf Oct-Nov, \$1,800. Jerry Weisner, Lexington 336-731-4769.

Nubian billy goat, full blood, 1 y/o, confirmed sire, not reg., \$150. Lane Cox, Lexington 336-746-5381.

Red Angus bulls & heifers, 12-16 m/o, \$1,800-2,500. Ben Chavis, Lumberton 520-743-0771.

Purebred Nubians, excel. milking & show bloodlines, g6s normal, cae, cl, tb & brucellosis neg., \$300 & up. Phil Tomberlin, Monroe 704-242-4667.

Purebred Boer goats, 15 does & 25 kids, selling whole heard, \$120 & up. Arthur Ratledge, Woodleaf 704-278-2081.

ADGA Nubian buck, 18 m/o, from Pruittville champion nubian dairy line, beautiful, proven sire; 4 m/o dehorned son, born from ADGA purebred alpine, \$100. Fred Goduti, Huntersville 704-293-2429.

Heifers, 3 way cross, mostly baldies, 550-700 lbs., \$1,000-1,200. Kyle Almond, New London 704-463-5988.

Angus & Sim-Angus bulls, ai sired by 5050, Final Product, Ext205, all easy calving, 8-17 m/o, \$1,800 & up. Carl Blanton, Shelby 704-472-2500.

Young rams, 2-6 m/o, 1 y/o ewes, Katahdin/Dorper cross, most blk./white, \$175-250. Sandra Dedmon, Shelby 704-487-1469 or sdedmon1@carolina.rr.com.

Polled Hereford bulls & heifers, full blood, gentle, out of lg., dark colored stock, \$650 & up. Jim Long, Kannapolis 704-699-3871.

Ewe & ram lambs, Katahdin mix, multi-colored, dob 02-15 & 02-28-14, \$125. Sandi Lane, Concord 704-782-7875.

Reg. Angus heifers, 7-9 m/o, out of ai sire, most out ai dams, shots & bunk broke, drinking from auto. waters, \$1,100-1,200. David White, Dallas 704-913-5157.

Purebred Hereford cows, polled, checked safe to Angus bull for late summer/early fall calves, \$1,450 & up. Joe Hughes, Rutherfordton 828-429-6388.

Reg. saanen doe, in milk, milking 1/day for 1 1/2 qts., neg. fecal for worms & parasites, 3 y/o, \$200. Robin Dew, Hiddenite 828-635-7337.

Reg. Beefmaster bull, dob, 02-03-11, red, polled, brisket/navel score = 1, calm, throwing blk. calves on Angus cows, \$3,000. Brittany Whitmire, Brevard 828-862-3698.

Blk. Boer/Kiko nanny, 50/50; full Kiko nannies & billies, \$125 & up. Arthur Covil, Rutherfordton 828-899-0320.

Proven Dorper ram yearling, great conformation & good muscling, progeny on site, \$300. Stephen Herring, Newton Grove 910-379-7555.

Reg. polled Hereford bulls, 13 m/o, \$1,300; 17 m/o, \$1,500. Danny Blake, Mt. Gilead 910-428-7619.

Goats does, mixed breed, 2-4 y/o, \$150. Kenneth Gardner, Rowland 910-521-0774.

Dorper x ewe lambs & yearlings, \$120/ea. Jim Kriksciun, Aberdeen 910-695-5108.

LIVESTOCK

Dorper x Katahdin lambs, 89%, sired by purebred blk. head Dorper; vacc. ram & ewe lambs, healthy w/ excel. feet & legs, \$150-200. Craig Magill, Council 910-512-0051.

Tricolor pygmy goats, weaning brother/sister pair, polled; mini fainting doelings pair, unrelated, 1 gray & white, 1 blk. & white, not reg., purebred, nice & healthy, \$150-200. Heather Powers, Jackson Springs 910-986-8535.

Comm. bulls & heifers, reg. preg. cows w/calves; low birth weight bulls, \$1,000-3,000. David Bacon, Selma 919-210-6048.

Miniature Hereford bull, dark red & white; Dexter bull, dun color, \$900 & up. Doug Chappell, Wake Forest 919-266-2201.

Miniature milkers, ADGA reg. Nigerian dwarf goats, cae & johannes neg., some blue eyed & some polled, colorful & friendly, hand milked & selected for milk prod., \$75-350. Christine Peckman, Mebane 919-394-5804.

Dorper/Katahdin lambs, 03-14, 30-50 lbs., \$100/ea.; 3 Dorper wethers, 80-90 lbs., \$140/ea.; \$400/all. Brenda Dorsey, Bahama 919-471-1676.

Blk. Sim-Angus herd bulls, polled, calving ease w/good growth & muscle, excel. disp., \$2,000-3,000; blk. Sim-Angus bred heifers, begin calving in 08-14, \$2,000-2,500. William Pyle, Franklinton 919-494-1145.

Reg. polled Herefords, heifers, bred heifers & cows, \$1,400 & up. Jeff Bass, Franklinton 919-514-8263.

Dwarf Nigerian goats, dob 03-31-14 & 04-08-14, brown & blue eyes, disbudded, parents on site, handled & friendly, ready mid 07-14, \$150 & up. Yvonne Petty, Bear Creek 919-548-4679.

Purebred Hereford heifers, not reg., sired by outstanding reg. Bennett Revolution bull, ideal for Angus cross-breeding, \$1,000 & up. Randy Thomas, Raleigh 919-853-2924.

Katahdin sheep, spring lambs, 4 y/o & 2 y/o ewes w/ & w/o lambs, ready 09-14, \$100-500. Lynn Merritt, Chapel Hill 919-933-0349.

Spanish/Boer billy, 3 m/o, good conformation, good herd sire, \$125. John Kalwitz, Cameron 919-935-9797.



Livestock Wanted

Ewes, blk. belly sheep, born this spring, will consider young adult ewes, reasonable price. Tommie Cato, New London 336-857-2935.

Jersey cow, milking or due to have calf soon, \$600. Sue Kepler, Greenville 252-758-9359.

Katahdin ewe lambs, healthy, from well-maint. flock w/good worming & vacc. practices, type-a coat. Margaret Proctor, Apex 919-362-4130.

Belted Galloway cattle, young females/bulls, good bloodline, reg./non-reg. Mary Books, Oxford 919-603-7178.



Poultry & Supplies

Quail, gambel, California, blue scale, Mex. speckled, jumbo & white Bobwhites, coturnix, Texas A&M, jumbo browns, albino chukars, rock philby & Barbary, \$1.50 & up. Jimmy Furr, Stanfield 704-888-0213.

Gray cockatiel birds, \$25/ea. Orval Beasley, Clinton 910-337-0416.

Pheasants, \$50 & up; peacocks, \$65 & up. Alvin Lowery, Rowland 910-301-2298.

Bourbon red turkeys, 10 w/o, \$25/ea. N. Hobson, Pittsboro 336-376-8137.

Toulouse geese, grey & white, orange legs & beak, various ages, lg., friendly, approx 20 avail., \$25/ea.; entire flock, \$20/ea. Leif Diamant, Pittsboro 919-542-4134.

POULTRY & SUPPLIES

Pearl guineas, taking orders for 2014 hatch, \$3/ea. & up. Alvin Searcy, Marion 828-738-8533

Super Saver XL poultry house heaters, 225,000 btu, lp gas, new style igniters, \$125/ea. Barry McSwain, Norwood 704-985-3751.

Utility King squabbing pigeons, sold in pairs, reproduce approx. every 60 days, easy to clean, lg. comm. variety, \$50. John Dean, Louisburg 252-207-4947.

3,000 red sex link pullets, Rhode Island Red hybrids, laying age, 17 w/o, vacc. & debeaked, lays brown eggs, \$6.75 & up. E.D. Snider, Staley 336-317-4105 or 708-2998.

Birmingham roller pigeons, performance bred, great spinners, rare colors, \$20 & up. Darrell Dennis, Randleman 336-498-5034.

Birmingham roller show pigeons, \$10; lg. hutch, \$150; med. hutch, \$130; small hutch, \$100. Jimmy Shermmer, Jonesville 336-526-1360.

Ringneck pheasant hens, young, fully feathered, flying, \$5/ea. w/disc. for lg. orders. Fred Hill, Roxboro 336-598-4710.

Red sex link & white leghorn laying hens, 1 y/o, \$6. Randy Wright, Staley 336-622-2386.

Heritage narragansett turkey poults, excel. genetics & disposition, \$12 w/lg. qty disc. Rebecca Whitley, Asheboro 336-629-9774.

Portable chicken coop w/lg. pen, \$165; Little Giant plastic nest box, \$12; 7 lb. plastic feeder, \$5; 1 gal. waterer, \$3; metal feeder on pedestal, \$5; mason jar chick feeder base, \$2; 2, mason jar chick water bases, \$1/ea.; 2, metal chick feeders, \$3/ea. Lori Ball, Lexington 336-934-0159.

Blk. shoulder & India Blue peafowl, \$35-60. Jim Powell, Shelby 704-300-8027.

Standard bronze turkeys, 5 w/o-1 y/o, free range & fed all natural crumble, \$15-40. William Parker, Statesville 704-575-9750.

Blk. copper maran, barrel rocks & guinea keets, 1-12 w/o, \$5 & up. Jim Long, Kannapolis 704-699-3871.

Seramas, young birds, 2 m/o & up, beautiful, various colors, smallest breed of chicken, to good homes only, \$15 & up. Samantha Allen, Salisbury 704-798-0632.

Pheasants, silver, golden red & ringneck, young chicks, \$5/ea.; mature birds, \$20-25/ea.; melanistic mutants & jumbo ringnecks mix, will trade for other breeds. Ed Mills, Kannapolis 704-932-8034.

Buff orpingtons, barred rocks, 6 w/o, females, \$6/ea. Danny Davis, Wallace 910-271-1302.

Chicks, quail, Bobwhite, Tennessee red, Texas A&M & jumbo brown coturnix, \$0.50/ea. George Parker, Lumberton 910-374-8176.

Poultry houses, 2-40x500, buyer takes down & removes, \$15,000/ea.; Val drinker lines w/nipples, \$5/ea.; 10 ft section 48 in. fans, \$50/ea.; 2-28 ton feed bins, \$1,600/ea.; 4, gas meters, \$50/ea. Greg Coggins, Biscoe 910-571-1159.

Lavender orpington chicks, 8-12 w/o, selling sets of 3, 2 hen & 1 rooster only, \$25. John Rooks, Rocky Point 910-675-9124 8 a.m.-5 p.m. weekdays.

Mute swans, wood ducks, mandarins, mallards, redheads, teal, wigeons, tree ducks, barrhead geese, lesser white fronted geese, snow geese, pheasants & peacocks, \$20 & up. Brian Daughtry, La Grange 919-222-5125.

Chicks, lavender orpington & well summers; rabbit hutches & chicken coups, \$5 & up. Larry Bridges, Raleigh 919-833-0445.

Rare Iowa blue chickens, 1/2 pheasant, good brooders & layers, do well in hen house, \$20. John Kalwitz, Cameron 919-935-9797.

Muscovy duck babies, hatched 05-2014, \$5. Mayling Blackwood, Chapel Hill 919-960-8606.

POULTRY & SUPPLIES

Game chickens, adults & chicks, roundheads, reg. greys, sids, muggs, asils, hatch, not hatchery birds, pure deep games, \$10-100. Cody Pearson, Battleboro 252-382-4583.



Poultry & Supplies Wanted

Peafowl, java, spaulding or white, 1-2 y/o, will consider chicks for good price, 2 hr. drive or less from Winston-Salem. Benny Scarbro, East Bend 336-699-3183.

Male emu, for female companionship. Christiana Herndon, Pittsboro 919-545-9694.



Seeds & Plants For Sale

PLEASE NOTE: Anyone offering nursery stock for sale in N.C. is required to obtain either a nursery or nursery dealer license. For more, contact the NCDA&CS Plant Industry Division at 800-206-9333 or 919-707-3730.

Old timey cockscomb seeds, huge blossom head w/rich crimson color, sturdy 18 in. stalk, approx. 200 seeds, \$3 + SASE. Barry Cox, 6225 Welborn Rd., Trinity, NC 27370.

Zinnia seeds, lg. heads, fresh 2013 crop, send cash & return address, \$6/5 tbs. Jack Taylor, 120 Queens Dr., King, NC 27021, 336-577-6886 or 983-3957.

Loofa sponge, \$2.50-10/25-100 seeds; marigolds w/lg. yellow blooms, \$2.50-7.50/25-75 seeds; heirloom hollyhocks w/lg. blooms, \$2.50-5/25-40 seeds, send cash + SASE. Will Ayers, 5620 Sherrills Ford Rd., Catawba, NC 28609 828-241-1132.

Lg. boxwood, \$200. J. Lloyd Mabe, Danbury 336-703-8232.

Upland creecy seeds, \$0.25/pkt. Thad Wiseman, 2541 Union Cross Church Rd., Yadkinville, NC 27055.

Leyland cypress, in field, 16 ft tall; green giants, 15 ft tall; leyland & green giants, 10 ft tall, great rd. access, bring tree spade & dig, must be complete by 10-31-14, \$3,500. David Watterson, Lexington 240-498-8054.

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

Muscadine & scuppernong plants, 1-2 gal. pots, 4-6 ft tall, healthy, many varieties, \$15. Robert Whitaker, Mocksville 336-469-4822.

Japanese maples, conifer, ginkgos, ground covers, unusual varieties, \$3-300. Jim Holland, Lewisville 336-813-5543.

Old timey running okra, 1/2 oz., 50+ seeds, \$2 + SASE. Rick Brown, 146 Eddie Wayne Dr., Mooresville, NC 28115.

Elderberry plants, 2 gal. pots, \$7.50/ea. Kevin Campbell, Harmony 704-775-2425.

Lucky buckeyes for planting, instructions incl., \$5.25/doz. + shipping; buckeyes to carry, \$4.25/doz. + shipping. Jules Simmons, Sylva 828-226-4700.

Egyptian walking onion sets for fall, \$5/doz. Christopher Moses, Conover 828-291-6667.

Variegated liriopie, 1 gal. pots, \$2/ea. w/100+ disc. Sabrina Blake, Mt. Gilead 910-428-7619.

Azaleas, asst'd colors, 1 gal. containers, \$10/5; annual & veg. plants, 48/flat, \$13. Jim Gibson, Ellerbe 910-652-6154 or 817-1156.

Heirloom fig trees, wild asparagus, artichokes, old time tomatoes, sunchokes & other plants, \$2.50-40 or poss. trade. John Peaspanen, Rocky Point 910-726-5076.

Hay sprigs, NC cert. crops of 5 varieties, Tifton 44, Tifton 85 & coastal, \$4/bushel; Midland 99, \$5/bushel; Ozark, \$7.50/bushel & incl. royalty fee. Bruce Locklear, Maxton 910-844-6003.



Seeds & Plants Wanted

Poppy seeds, all colors. M. Isaacs, Sophia 336-431-9848.

Egyptian onion seeds/bulbs; old timey petunia seeds; sweet shrub seeds. Louise Martin, Polkton 704-272-7079.

Tobacco plants for farming operation. Gerald Tyner, Elm City 252-289-0293.

Beardeed iris rhizomes, all colors, reasonable price. Carolyn Johnston, Eden 336-601-3859.

Small Animals For Sale

American breed rabbits, herd dispersal; rabbit cages, \$10. Luke Pearson, Timberlake 336-265-6387.

Tennessee redbacks, \$8 & up dep. on age. Alan Jewell, Graham 336-512-8847.

New Zealand, Californian, mixes avail., 8 w/o & up; show/meat rabbits, fed blended diet of pellets, hay & greens, \$25. E.C., Laurel Hill 910-318-8300.

Missouri cottontail rabbits, great for training young pups, \$7. Scott Bryant, Raleigh 919-761-3075.



Supplies For Sale

Plastic barrels w/lids & rings, \$15/ea.; barrels, solid & open top, \$10/ea.; water/fuel containers, 275 gal. \$100/ea.; metal barrels, \$10/ea. Jeff & Lisa Brittain, Hickory 828-327-4782.

Fencing, Red Top brand rolls, 5 ft tall, 100 ft/ea., 2x4 in., non-climbing, NC, \$115/ea.; \$425/4. Darcy Lawton, High Point 336-841-7502.

Storage sheds, \$2,195/ea.; lumber from 100 y/o trees, poplar & oak, 18 in. wide & 2 in. thick, \$1.50 & up. C.L. Covington, Candor 910-974-7540 or 3460.

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

Burlap & other style sacs, \$0.50/ea. James Whitley, Concord 704-782-5762.

Red Seal irrigation system, 6 cyl. eng. w/Berkeley pump, 29, #70B sprinklers w/3 in. pipe, approx. 80 pcs. w/pipe tr., approx. 45 pcs. 5 in. lead line, elbows, reducers, t's & 45's, \$2,500. Bobby Angell, Sanford 919-258-6272.

Greenhouse, you take down, Free w/\$1,000 dep. returned once removed. Richard Whisenant, Connelly Springs 828-874-2064.

Plastic nursery containers, NC, 1 qt.-3 gal., \$0.05-0.40/ea. & up; wire b&b baskets, 24-28 in., \$3.50/ea.; security gate, 12 ft, a-frame, HD pipe w/concrete footings & post, \$175; Rainbird irrigation controller, 8 station, 1260A, \$100; other items avail. William, Charlotte 704-616-9175.

Troy-bilt wood chipper/shredder, 10 hp, \$400 OBO. Jimmy Glenn, Sophia 336-498-4098.

Steel nursery wagon, 20x38 in., 800 lb. cap. w/15 gal. crop sprayer, \$135. Frank Hawkins, Mocksville 336-998-3182.

Forge w/Pittsburgh blower, free-standing, VGC, \$425 OBO. Calvin Poole, Autryville 910-624-0703.

Alum. rods for Roanoke box tobacco barns, \$0.50/ea. Douglas Farmer, Stokes 252-531-2716.

Semen tank w/numerous Angus semen straws, \$200. James McCauley, Elon 336-263-4934.

Horse manure, will help load your trucks & trailers, Free. James Payne, Graham 336-266-9680.

Pea/bean sheller & grain thresher, hand powered, holds approx. a peck, fast & efficient, works well w/black eyes, crowders & October beans, etc., \$180. Billy Martin, Greensboro 336-288-4379.

Greenhouse 15x96 ft, 4 ft bow spacing, ground posts & hardware, comm. fan & heater incl., 1 3/8 in. solid hoops, \$1,600. Peter Gallins, Mocksville 336-407-0961.

Rough cut lumber, cut on circle saw; custom sawing, \$0.60/bd. ft. Darrell Elliott, Sanford 919-770-9146.

FARM SUPPLIES

Chicken/rabbit cages, galv. steel, 10 ft long, 12 compartments, \$40/ea.; \$100/3; sacs, 25/bundle, great for crafts, storage, garden mats, etc., \$25/bundle. Kevin O'Neill, Belews Creek 336-414-8503.

Lg. wood chipper w/LNC 200 hp motor, \$6,000. Larry Cranford, Sophia 336-633-0101 after 6 p.m.

Irrigation system, 4x3 Berkley pto pump, 1 suction pipe, 54-4 in. pipes, 64-3 in. pipes, 40 sprinklers, swivel tees w/cutoffs, elbows & end caps, 2 pipe trailers, \$2,500. Anne Thacker, Summerfield 336-706-9140.

Plastic pallets, used for stacking sq. & round bales, wood, fert., etc., GC, \$3/ea. Jerry Weisner, Lexington 336-731-4769.

Livestock corrals panels, 16 ft long, 1 w/sq. bars, rest w/round bars, some surface rust, not bent/broken, \$60/ea. B.R. Miller, Seagrove 336-873-7950.

Clay pots, plastic pots, seed flats & hanging baskets, 100 total, asst'd sizes, \$25. Lori Ball, Lexington 336-934-0159.

Sq. fuel tank w/hand pump, 50 gal., used for diesel fuel, GC, \$150. Eric Hutchison, Cleveland 704-278-3262.

Greenhouse & heater, 20 ft wide, 40 ft long, 12 ft high, heater used 1 season, greenhouse LNC, \$2,000. Glenn Haid, Salisbury 704-639-9870.

All natural organic worm compost, 100% fresh, lg. qty. pricing avail., \$3/lb.; red wigglers, organic raised, \$15/500 + \$7.95 shipping; \$20/1,000 + \$9.95 shipping; \$35/2,000 + \$12.95 shipping Gary Ramsey, Salisbury 704-640-5418.

Rough sawn pine lumber, GC, hacked & air dried inside sev. yrs., 2x6x12; 2x8x12; 2x10x14; great for barn/outbuilding, \$0.50/bd. ft. Tim Crofts, Lawndale 704-692-3201.

Old White Mountain apple parer, corer & slicer, LNC, orig. box, \$40. Gary Williams, Granite Falls 828-396-2510.

Rail fencing, 2 hole locust line posts, \$7.50/ea.; saw split hemlock rails, \$6/ea.; poplar basswood & oak lumber, 1 in., \$0.80/bd. ft; others avail. Eddie Moretz, Deep Gap 828-963-0883.

Pots, full 1 gal. & 3 gal. containers, \$20/100. Jim Gibson, Ellerbe 910-652-6154 or 817-1156.

Watermelon bins, many uses, UC, \$6/ea. Robert Page, Fairmont 910-740-0769.

White water tank, 325 gal., molded to fit American full-size pickup, only used w/well water, \$150; creosote posts, 8-8 ft x 5 in., \$4/ea.; 2-6 ft x 6 in., \$4/ea.; 1-9 1/2 ft x 6 in., \$10. Joe Holleman, Knightdale 919-266-2214.

American drum fans, 42 in. \$125/ea.; Moist Air humidifiers, model MA 1201, LNC, \$30/ea. Norbert Hector, Browns Summit 919-368-4411.

Flat machine belts, leather, canvas & rubber, widths from 1-12 in. random lengths, some w/metal joiners, \$1-3/ft; a, b & c v-belts, \$5-10/ea. Ray Bryant, Southern Pines 919-599-4546.

LEM meat grinder, 1.5 hp, incl. 2 grinding plates, kidney plate, 4 stuffing tubes, stomper & extra parts, \$500. Norman Clifford, Kittrell 919-693-9926.

Fans, 8-36 in., direct drive, 3 blade, LNC; 6-36 in., direct drive, 3 blade; 3-36 in., belt driven; 6-24 in., variable speed, 3 blade, \$50 & up. Steve Grady, Goldsboro 919-920-3354.



Supplies Wanted

Tarheel stick barn burners; bulk barn racks. Kevin O'Neill, Belews Creek 336-414-8503.

Tobacco barn/small bldg. w/sq. hewn oak logs. Charlie Bolton, Pittsboro 919-542-6132.

Sorghum mill, working/parts. Weston Monroe, Cedar Grove 919-576-3648.

Old barns, will dismantle, remove & clean up, poss. purchase, eastern NC, piedmont & upper western NC. Mike Russell, Raleigh 919-801-5383.



Trucks & Trailers For Sale

Tailgate off 1995-98 Ford pickup, NC, \$300 OBO. Fletcher Allen, Tarheel 910-866-4655.

2000 Chevy S-10 pickup, 120K mi., no dents, EC, \$4,000. Herbert Dowless, Lumberton 910-739-7222.

Goodyear tires, 14.00 x 20 in., 18 ply, 4/set, 1/2 tread, \$40/ea. Gerald Fox, Taylorsville 828-612-2407.

1979 Ford F700 bucket truck, 38 hydr. hoses & cyl. rebuilt, GC, \$8,500. Eddie Bolick, Hudson 828-234-4493.

Trailer w/wood bed, 5x8, \$275. Dallas Clay, Concord 704-603-7457.

2013 Kaufman landscape trailer, 10,000 gvwr, 20 ft wide, dovetail, ball hitch, radial tires, \$2,500. Robert Harrelson, Ellerbe 910-652-2052.

Truck tires, 4, 750x17 bias ply, not caps, good tread, \$250. Reggie Houser, Vale 704-462-1865.

Utility bed, solid alum. diamond plate w/white smooth doors, 6 lighted bins, 8 ft storage box, ladder rack, fits 3/4 ton/swb ton, EC, \$1,800. Allen Case, Canton 828-235-1675 or 550-4964.

Utility trailer, HD metal frame, tongue, standards w/extenders, 2 in. receiver & chains, new mobile home tires, 6.3 ft x 8.5 ft x 14 in. deep, \$425. Donald Wood, Salisbury 704-636-2618 before 9 p.m.

Mobile home axle w/tires, \$75. Ernest Pinnix, Eden 336-627-9303.

Equip. trailer, 9 ton, 20+ ft deck w/ramps, pintle hitch, pulls well, newly installed breakaway device, brakes & lights work, GC, \$3,600. Peter Gallins, Mocksville 336-407-0961.

1986 Ford F250, GC, 69K mi., 4 spd. manual w/granny gear, bed liner, ps, good farm truck, \$1,000. Linda Beavers, Yadkinville 336-961-6736.

Hobbs road trailer, 45 ft w/2 Bonn 220 amp refrig. units, VGC, ideal for produce, elec. pallet jack incl., poss. deliv., \$5,500. Larry Proctor, Shelby 704-472-8120.

2004 Chevy Silverado 3500, crew cab dually, 8.1, running boards, 5th wheel, towing pkg., 100K mi., \$15,000. Leon Patterson, Kannapolis 704-932-7475.

2010 Hudson gooseneck equip. trailer, model HBC10, 6 ton, 8x18 ft main deck, 5x8 ft upper deck, spare tire, modular wiring, dual landing gear, EC, \$4,200. Jeff Braun, Oakboro 704-984-3726.

Utility trailer, 6 1/2 x 12 ft, new w/title, \$1,325; landscape trailer, 6 1/2 x 16 ft, new w/title, \$2,125. Scottie Godwin, Wade 910-483-7029.

Drop axle for dump truck/farm truck, spring up/air down, new tires, \$750. David Risen, Lumberton 910-739-4401.

1967 Ford 2000 truck, GC, \$3,500. Larry Creech, Zebulon 919-906-2393.



Trucks & Trailers Wanted

Chevy cargo vehicle, 110 in. wb, v6, 1990-94 or 1998-2002 model, pref. white, GC, will pay cash. W.T. Duncan, Sophia 336-495-4455.

1984-86 Chevy or GMC truck, 3/4 ton, 4x2, motor/trans. bad, body GC. Larry Williams, Henderson 252-915-7692.

Bucket truck w/40+ ft boom, running/not, any make. David Aron, Snow Camp 336-213-5537 or 512-9557.

Hydr. lift trailer for moving hogs. Worth Kimmel, Reidsville 336-706-8612.

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. You can also find social media links for the department's Facebook, Twitter and YouTube sites there.

Research

(Cont'd from pg. 1)

enhance research capabilities, and reduce fuel and repair costs in the short term. Long-range goals are to help farmers meet future food needs.

"Globally, agriculture will be challenged by a growing world population. The United Nations predicts farmers will need to produce 60 to 100 percent more food by 2050 to meet world food needs," Troxler said. "How do we get there? The success we've had today is a result of agricultural research."

Guests were able to ride along on auto-steer tractors, hear details about how the technology works from company representatives and visit with researchers from N.C. State about what projects they are currently working on.

Travis Lassiter, a worker at Central Crops Research Station, explained some of the advancements the equipment will provide as he plowed rows with a new John Deere 7330 tractor equipped with the Trimble auto-steer technology.

While taking your hands off the steering wheel and letting the tractor drive itself is novel, Lassiter said some of the benefits come in maximizing your fields, reducing the stress of keeping the rows in a straight line and eliminating the guess work out of precisely lining up equipment with the rows at harvest time.

"With this technology, it will put my rows in a straight line sub-inch on every pass," Lassiter said, adding that this advance helps reduce mental fatigue and physical fatigue, especially when working on larger fields.

The new equipment also makes record-keeping easier, particularly in terms of planting specifics.



At left, a worker at Central Crops Research Station in Clayton demonstrates planting with an auto-steer tractor. Inside the cab of the tractor, you can see his hand is off the steering wheel.

Below left, as a tractor drives through a field, a worker points out the field position on the computer screen.

Below right, Agriculture Commissioner Steve Troxler, center, stands with N.C. State Dean Richard Linton, left, and N.C. A&T State University Dean Bill Randle, right, in front of three of the new tractors purchased through an equipment upgrade at the 18 research stations across the state.



"We have 130 little fields at the station and once you go over a field one time, the computer stores the information and keeps it for that field," Lassiter said.

While auto-steer technology is not new in the ag industry, it is new to the research stations. The stations specifically purchased a variety of brands of tractors.

"You will notice there is not

just one brand of tractor represented here," Troxler said. "If you look across the state, you will see many brands on farms as well. We need to be using the types of equipment in research that growers are using, or considering for their own farms."

North Carolina has a long history of investing in agriculture research, work that has helped

developed new plant varieties especially suited for North Carolina soils and climates and improved production techniques. Those investments have helped grow agriculture and agribusiness into a \$78 billion industry.

"Studies have shown that for every dollar invested in agricultural research in our state, there is an economic re-

turn of about \$20," Linton said.

The stations have proved their worth, Troxler said, but were in serious need of equipment upgrades.

"Agriculture is the economic engine that drives our economy," Troxler said. "Thankfully, our legislators understood that that engine was in need of a tune-up."

Dig Into Local Restaurant Week runs July 14-23

Diners in eight Piedmont counties can enjoy special, locally sourced menu items at 42 participating restaurants as part of the N.C. Department of Agriculture and Consumer Services' "Dig into Local" Restaurant Week July 14-23.

"The promotion coincides with the peak of North Carolina's summer harvest season, giving chefs lots of local options to incorporate into their menus," said Agriculture Commissioner Steve Troxler. "With so much culinary talent and creativity in this state, combined with the freshest products, these should be memorable dining experiences for guests."

Participating restaurants will feature specially designed menus. Each menu will showcase at least four North Carolina-inspired menu items and at least one North Carolina wine. Ingredients with a North Carolina connection will be identified on the menus.

Participating restaurants by county are:

Alamance: The Eddy Pub, Saxapahaw;

Chatham: Oakleaf, Pittsboro;

Durham/Durham: Brigs at the Park, Piedmont Restaurant, and Scratch;

Forsyth:

Kernersville: Bistro B & Wine Bar;

Winston-Salem: New Town Bistro, Pintxos Pour House, and Springhouse Restaurant Kitchen and Bar;

Guilford/Greensboro: Crafted – The Art of the Taco, Green Valley Grill, Lucky 32 Southern Kitchen, and Print Works Bistro; Moore: Ashton's, Southern Pines; Elliot's on Linden, Pinehurst;

Orange/Chapel Hill: The Carolina Inn, One Restaurant, and Weathervane Restaurant at Southern Season;

Wake:

Apex: Peak City Grill & Bar;

Cary: Brigs at the Crossing Restaurant, Brigs at the Village

Restaurant, LaFarm Bakery, and Lucky 32 Southern Kitchen;

Garner: Simple Twist, TerraFin Station;

Raleigh: Brigs Great Beginnings Restaurant, Cameron Bar & Grill, Coquette, Dean's Seafood Grill & Bar, Gravy Restaurant, Joule (Ashley Christensen Restaurants), Mia Francesca Trattoria, Mura, Relish Café and Bar, Sitti, TerraFin Station, The Daily Planet, The Oxford, Twisted Fork, Vivace and Zinda;

Wake Forest: Brigs of Wake Forest Restaurant.

A recent study released from the National Restaurant Association reports that the top two culinary trends for 2014 are locally sourced meats and seafood, and locally grown produce.

Dig into Local Restaurant Week is supported by foodservice distribution companies who supply restaurants across the state.

For more information, go to www.gottobenc.com/digintocal.

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