

Agricultural REVIEW

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February 2015

Raleigh, N.C.

Ag Development Forum Feb. 5 in Raleigh

Agriculture Commissioner Steve Troxler will deliver his annual State of Agriculture address and serve as host of the annual Ag Development Forum Feb. 5 from 9:30 a.m. to 12:30 p.m. at the Holshouser Building at the State Fairgrounds in Raleigh.

Also on the program is a moderated panel discussion on "The Potential and Benefits of Agriculture/Military Partnerships," which will feature buyers from organizations and businesses that supply food for military bases, including Military Produce Group, Defense Commissary, Defense Logistics Agency and Foster Caviness. Following the program, buyers will be available to talk to farmers about potential sales opportunities.

Admission to the forum is free, but registration is requested. To register, go to www.ncagr.gov/agforum/registration.htm or call Chrissy Waggett at 919-707-3008. The event is sponsored by NCEast Alliance/Food and Fuel for the Forces.

NCDA&CS working to increase pollinators statewide

■ **New effort under way to increase bee habitats on research stations, encourage private landowners to do the same**

Pollination is crucial to the success of North Carolina's \$78 billion agricultural economy, and to consumers who enjoy the fruits and vegetables from the labor of the bees, birds, butterflies and other animals involved. Up to a third of the food we eat can be directly attributed to the work of these insects and animals.

At a time when habitat loss, disease and environmental changes have contributed to the decline of pollinators, especially bees, the N.C. Department of Agriculture and Consumer Services is working on several fronts to bolster their numbers. Efforts include expanding and protecting habitats on the farm and educating people on ways to protect pollinators.

"I first got interested in this



Many farmers rent bees from commercial beekeepers to pollinate their fields. Here a bee is seen on blueberry blooms.

during a trade mission to Europe where I saw farmers growing pollinator habitats. I knew this was something we could do here in

North Carolina, too," said Agriculture Commissioner Steve Troxler. "I hope that as we learn more about managing these pol-

linator habitats and by sharing this information, more farmers will want to designate habitat

(See Pollinators, pg. 8)

\$1 million in bioenergy grants awarded to 13 projects

The N.C. Bioenergy Research Initiative recently awarded \$1 million in grants for 13 research projects to boost bioenergy opportunities and production in the state.

"We are excited to have the opportunity to explore bioenergy potential through these grants for

North Carolina's agricultural and forestry industries," said Agriculture Commissioner Steve Troxler.

Below is a list of grant recipients and projects:

- \$75,548 to N.C. State University's Department of Soil Science to develop guidelines for bioenergy crop es-

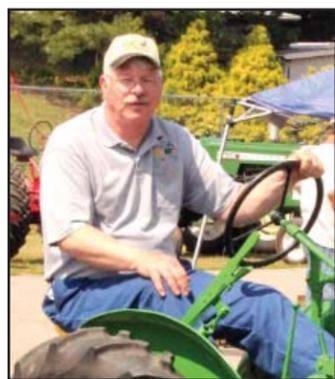
tablishment, weed control and nutrient use. The results of this project are expected to create a more rapid return on investment and also identify programs to convert various land uses to bioenergy crops.

- \$146,276 to NCSU's Department of Biological and Ag-

ricultural Engineering to study giant reed response to nitrogen fertilization. This study will provide field data needed to establish realistic yield expectations and nitrogen fertilization rates for *Arundo donax*

(See Bioenergy, pg. 4)

From the tractor



Commissioner Troxler

At the top of this page, I hope you will take time to read the article about new pollinator programs we are initiating in the department to help boost the habitat for pollinators. As many of you may know, there has been a decline in the bee population in the United States. Bees are generally thought of as the workhorses in terms of plant pollination. And pollination is essential to agricul-

by Agriculture Commissioner Steve Troxler

ture.

If you farm or are a landowner, I hope you will consider dedicating space for pollinator habitat on your land. It seems like a pretty easy way to help out the insects and animals we rely on for much of our food. We will be talking about this issue and our efforts more in the future. I look forward to showing you what these habitats look like in bloom, and seeing what impact they have on pollinator numbers.

Agriculture and agribusiness remains our No. 1 industry, and production numbers for 2014 from the U.S. Department of Agriculture indicate another strong year for our farmers.

We saw record yields for cotton, peanuts and sweet potatoes, while soybean yields tied the re-

cord set in 2012.

Although not a record, we also saw the largest production of tobacco since 1998. All-in-all, we finished with a good year despite the cool, wet spring that kept many farmers from getting in their fields earlier.

The one lower-performing commodity was corn, which fell 16 percent below 2013 production. I attribute that drop largely to a shift in production, with growers choosing to plant 90,000 fewer acres.

A lot of factors influence production choices, especially price, and yields can drive commodity prices up and down because of their impact on supply and demand. As farmers are making decisions for 2015, I know they will be looking at commodity prices

and available supply.

Here is a snapshot of the 2014 commodities production numbers:

Cotton acreage held steady at 460,000, but the yield jumped to a record 1,049 pounds per acre, up from 1,014 pounds per acre, which was the previous record in 2012.

There were 93,000 acres of peanuts grown in North Carolina in 2014, with an average yield of 4,300 pounds per acre, 200 pounds more than the 2012 record.

Soybean production jumped 42 percent to 69.2 million bushels due to more acreage being planted. Yield was 40 bushels per acre, which tied the record in 2012.

(See Commissioner, pg. 2)

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 Steve Troxler
 Commissioner

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NCDA&CS begins two-year survey for sweet potato weevil in Brunswick and New Hanover counties

The N.C. Department of Agriculture and Consumer Services Plant Industry Division will begin an extensive survey in Brunswick and New Hanover counties Feb. 1 for the sweet potato weevil, the most significant sweet potato pest in the world.

“The survey is being conducted to gain a better understanding of the weevil and its distribution in these counties, with the long-term goal of developing a program to eradicate the pest,” said Agriculture Commissioner Steve Troxler. “The sweet potato weevil is a significant threat to the state’s commercial sweet potato crop, which generates \$198 million in cash receipts. North Carolina produces about 50 percent of the total U.S. production, and it is an important crop that we need to protect.”

The coastal areas of southern Brunswick and New Hanover

counties are the only places in North Carolina where these weevils are found. To prevent their spread into the state’s sweet potato production areas, the department restricts the movement of regulated commodities such as sweet potato plants. The department also encourages residents not to plant sweet potatoes or host plants for weevils such as ornamental sweet potatoes on their properties.

The surveys will use green bucket traps baited with female-specific sex pheromone used to attract male weevils into the trap. The trap will also contain a contact insecticide to kill the trapped insects. Traps will be deployed in the two counties starting Feb. 1, and will collect information on the basic biology of the weevil and its current distribution in the area. NCDA&CS staff will monitor the traps on a bi-weekly

basis for the next two years and use the information gathered to prepare an integrated pest management program. The project is being funded through a specialty crop block grant from the U.S. Department of Agriculture.

“It is important that residents in these counties not disturb the traps when they see them, to avoid coming in contact with the small amount of pesticides in the traps and to not disturb the data being collected,” said Vernon Cox, director of the NCDA&CS Plant Industry Division. “We greatly appreciate the public’s help and encourage anyone with questions or concerns about these traps on or near their property to contact us at 800-206-9333.”

For additional information, contact Phillip Wilson at 919-707-3753 or at phil.wilson@ncagr.gov.

Commissioner

(Cont’d from pg. 1)

Farmers also planted more acres of sweet potatoes in 2014, increasing production to 15.8 million hundredweight, a 49-percent increase from 2013. Yields topped the previous record by 10 percent, jumping to

220 hundredweight per acre. Tobacco production totaled 453.9 million pounds, a 25-percent increase from 2013 numbers.

I hope 2015 proves to be a successful year, too.

NCDA&CS hosts Food Business Conferences in February and March

Registration is open for the N.C. Department of Agriculture and Consumer Services’ fourth annual Food Business Conference.

The conference will be offered from 9 a.m. to 3 p.m. in two locations: Feb. 24 at the Alamance Cooperative Extension office, 209-C N. Graham-Hopedale Road in Burlington, and March 12 at Mayland Community College, 200 Mayland Dr. in Spruce Pine.

The theme for this year’s conference is “To Market, To Market.” At each location, the program will include presentations on product promotion, market selection, and building customer loyalty.

“Building a successful food business involves so much more than just creating great food products,” said Agriculture Commissioner Steve Troxler. “This conference will focus on ways to improve your marketing efforts, with a goal of increasing sales and product awareness.”

Registration is open to existing food businesses. Space is limited and pre-registration is required. Because of catering requirements, no day-of walk-in registrations will be accepted. Registration deadlines are Feb. 13 for Burlington and March 1 for Spruce Pine. The cost is \$40.

The agenda and registration form are available online at www.ncagr.gov/markets/agribiz/. For more information, contact Annette Dunlap at 919-707-3117 or annette.dunlap@ncagr.gov.

NCDA&CS hosts two public meetings on proposed gypsy moth treatments in Person and Stokes counties

The N.C. Department of Agriculture and Consumer Services is seeking input from residents in Person and Stokes counties concerning planned treatment activities for the non-native, highly destructive gypsy moth.

Field monitoring activities conducted by the department in 2014 determined that reproducing populations of the gypsy moth exist in Person and Stokes counties and represent a threat to hardwood trees. Residents in or near the proposed treatment areas have been sent notices by mail.

The following meetings are scheduled:

- Tuesday, Feb. 5, at 7 p.m. at Pinnacle Volunteer Fire and Rescue, 1033 High Bridge Road, Pinnacle. This meeting is for the proposed treatment of 762 acres in Stokes County. The area is about 3 miles east of Pilot Mountain, with Volunteer Road passing through the southwest quadrant of the area, with the intersection of Brims Grove Road and Oscar Frye Road near its center.
- Thursday, Feb. 12, at 7 p.m. at the Person County Extension Office Auditorium, 304 S. Morgan St., Roxboro. This meeting is for two proposed treatment areas near Roxboro. The 6,448-acre Hurdle Mills treatment area is about 7 miles west of Roxboro, with its center being near the intersection of Rolling Hills Road and Yarborough Road with

U.S. 158 passing along its northern boundary. The 14,040-acre Woodsdale Road treatment area is about 5 miles north of Roxboro, centered near the intersection of Woodsdale Road and Lawson Farm Road.

In early spring, gypsy moth caterpillars feed on the leaves of hundreds of plant species, predominantly hardwood trees. In heavily infested areas, trees may be completely stripped of foliage, leaving entire forests more susceptible to attacks from other pests.

Gypsy moths can also be a nuisance to the general public. Caterpillars may migrate in search of food, even entering houses and falling into swimming pools. Some people may have allergic reactions to the caterpillars’ tiny hairs.

Options for dealing with gypsy moth infestations include aerial spraying of biological pesticides or gypsy moth mating disruptants. Trapping grids will be used to evaluate the effectiveness of these treatments.

The department has addressed spot introductions of the gypsy moth in several areas across North Carolina since the 1970s. The department is working with nine other states through the Gypsy Moth Slow the Spread Foundation and with other state and federal agencies to reduce the expansion of the gypsy moth into uninfested areas of the country.

Tractor owners and clubs, and vendors sought for the Got to Be NC Festival

The Got to Be NC Festival returns to the State Fairgrounds May 15-17, showcasing a variety of North Carolina products and talent. This popular event features food, music, carnival rides and games, the North Carolina Food, Wine and Beer Expo, tractor and antique farm equipment displays, tractor pulls and more.

Applications are now being accepted for groups or businesses interested in being a festival vendor, and for tractor clubs and individuals interested in displaying equipment during the event.



Application forms can be found online at www.gottobenfestival.com. Applications for grounds

vendors are due by April 1 and must include color photos of your booth set-up.

Attention Advertisers

The advertising deadline for the March issue is Feb. 2. The deadline for the April issue is March 2. The deadline for the May issue is April 1. The deadline for the June issue is May 4.

Law enforcement issuing felony charges in protected plant cases

Law enforcement agencies wasted little time in making use of a new law that makes poaching Venus flytraps from public or private lands a felony. In early January, the Wilmington Star-News reported that four men were charged with felony poaching after they were found by a N.C. Wildlife Resources officer with 900 plants in their possession at the Holly Shelter Game Land in Pender County.

A new law went into effect Dec. 1, making it a felony to take Venus flytraps or flytrap seeds from public or private lands. The men were the first in the state charged under the new law.

"We hope the threat of stiffer penalties will reduce the theft of the Venus flytraps as well as other protected plants or plants of special concern," said Vernon Cox, director of the N.C. Department of Agriculture and Consumer Services Plant Industry Division.



Four people were recently charged with the first felonies for poaching the protected Venus flytrap plant under a new law that went into effect Dec. 1.

The N.C. Department of Agriculture and Consumer Services works to conserve federal and state-protected plants and plants of special concern. Far left, a plant protection specialist harvests and replants Venus flytrap seeds. Immediate left is a flowering Venus flytrap in the wild. The plants, which grow in the wild only in Southeastern North Carolina and a small area of South Carolina, are threatened by poaching and development.

vate lands without permission. "Because the wild root commands a much higher price than cultivated ginseng, wild populations on public lands are a frequent target of poachers," Cox said. "Jim Corbin, one of our plant protection specialists, has developed a marking program to help identify roots taken from public lands when they are sold. This marking program has been successful in bringing poaching charges against a number of people.

"Hopefully, as word of these arrests and charges spread, it will deter others from stealing these plants," Cox added.

To learn more about plant conservation efforts in the state, go to www.ncagr.gov/plantinindustry/plant/plantconserve/index.htm. You can also find a YouTube video on departmental efforts to harvest Venus flytrap seeds and reseed farther away from roadways at the following link: <https://www.youtube.com/watch?v=UNUKKQ7Ar0I>.

"When people steal these plants, they are stealing the opportunity for future generations to enjoy these unique plants."

The insect-eating flytraps grow in the wild only in North Carolina and a small area of South Carolina, essentially within about a 90-mile radius of Wilmington.

Many plant sites are on public lands or lands under conservation management.

The charges in Pender County were not the only felony charges involving plants in the New Year. In the western part of the state, a man pled guilty to felony larceny of ginseng from private

property. The root was stolen from a ginseng farm.

Plant conservationists with NCDA&CS face similar poaching issues involving public lands with ginseng. While it is not illegal to harvest wild ginseng on private property with permission, Cox said, it is unlawful to take the roots from public property or pri-

Producers reminded to submit Census of Horticulture surveys by Feb. 5

Producers of floriculture, nursery and other specialty horticulture crops are reminded to submit their Census of Horticulture surveys by Feb. 5.

This specialized census was last conducted in 2009, making it important to capture more recent information on horticulture production, said Dee Webb, state statistician of the National Agricultural Statistics Service's North Carolina Field Office. The census captures comparable and consistent data at the national and state levels, which assists policymakers, organizations and

businesses in making decisions relative to the industry.

Surveys were sent to horticulture operations that grew and sold \$10,000 or more of horticultural specialty products in 2012, as reported in the Census of Agriculture. The information collected is confidential. Federal law requires all producers who receive the survey to respond. Surveys can be submitted via a secure website at www.agcensus.usda.org or by mail.

For more information on the Census of Horticulture, go to www.agcensus.usda.gov or call 919-856-4394.

Risk-management classes for farmers offered in Feb. and March

The N.C. Department of Agriculture and Consumer Services will offer a series of risk-management workshops across the state in February and March. The workshops will focus on managing price volatility and identifying macro indicators.

The following topics will be covered: Introduction to grain hedging, basis trading, cost of carry, cotton futures, option trading on futures and equities, and macro forces. The principles of options, spreading strategies, using options to manage financial risk, and energy derivatives and how to manage exposure to energy costs will be discussed. All workshops will be held from 10 a.m. to noon, and are free.

Following is the schedule, times and location of classes:

- Feb. 17 at the Northampton Cooperative Extension Center, 9495 N.C. 305 N., Jackson, 252-534-2831;
- March 12 at the Union County Extension Center, 3230 Presson Rd., Monroe, 704-283-3801.
- March 13 at the Carolina Farm Credit Administrative Office, 146 Victory Lane, Statesville, 800-521-9952.

For more information or to register for the workshops, contact Nick Lassiter, NCDA&CS marketing specialist, at 919-707-3129.

Bucolic briefs

Back Country Horsemen of Uwharrie will hold monthly chapter meetings Feb. 9 and March 9 at 6 p.m. The meetings will be held at Best Foods Cafeteria, 220 E. 11th St., Siler City. Back Country Horsemen of Uwharrie is a non-profit organization and chapter of the Back Country Horsemen of North Carolina and America. The website is www.bchUwharrie.com

The Back Country Horsemen of Uwharrie works in alliance with other chapters across North Carolina, the U.S. Forest Service and the National Park Service to ensure that forests will be available for equestrian use. Its main focus is on ensuring the Uwharrie National Forest will remain a place that can be enjoyed by all equestrian enthusiasts. Members of the BCHU volunteer their time and resources to maintain trails.

A "Successful Small Farm Opportunities Conference" will be held from 7:30 a.m. to 4 p.m. Feb. 28 at the Vance-Granville Community College Campus in Louisburg. Conference topics will cover pastured pork production and marketing, using social media on your farm, permaculture, pros and cons of hi-tunnels, small scale beef production, poultry production and marketing, raising capital to start a new farm venture, using solar energy to power your farm, successful business planning for your farm, and shiitake mushroom production and marketing. Cost is \$20 per person, or \$10 for an extra family member before Feb. 20. Late registration is \$30, and the conference is limited to 125. Contact Martha Mobley, Franklin County Cooperative Extension, at 919-496-3344 or at Martha_mobley@ncsu.edu to register or for additional information.

The 2015 Northern Piedmont Specialty Crops School will be held March 6 at the Person County Extension Center in Roxboro. The school will feature many ideas for specialty crops growers to be successful in their ventures, and will include discussions on marketing and growing practices. The cost is \$25 for the first person of a family or business, and \$15 for each additional family member or business associate. The fee includes lunch. Pre-registration is required to guarantee a seat and lunch.

For a copy of the program and pre-registration form, go to granville.ces.ncsu.edu or contact Carl Cantaluppi at 919-603-1350 or carl_cantaluppi@ncsu.edu.

A Johnston County Horse Show Clinic, featuring youth and adult coaching and judged classes, will be held March 28 at the Johnston County Livestock Arena in Smithfield. Classes include: showmanship, halter, in hand trail, trail, English equitation, English walk, Western horsemanship and Western walk. Cost is \$10 per session and pre-registration is required by March 25. For more information, contact Michelle McLaughlin at 919-915-4403, email at johnston.county.horse.show@gmail.com or go to www.blaine-mclaughlin-stables.com.

The N.C. Department of Agriculture and Consumer Services has received a grant from the N.C. Tobacco Trust Fund Commission to offer branded non-waxed, water resistant produce boxes to Community Supported Agriculture farms through a cost-share program. Boxes would be marked with the Got to Be NC logo and would be available for CSA's that are members of the Goodness Grows in NC/Got to Be NC programs. Membership for the programs is free. For registration information on these programs, go to www.gottobenc.com/become-a-member. Boxes are expected to be bundled in lots of 50, with an anticipated cost-share to farmer of 50 cents a box. Boxes are expected to be available in early 2015. For more information about obtaining boxes, email your name, business name, address, email and daytime phone number to Jack Nales at jack.nales@ncagr.gov.

The Franklin County Beekeepers Association has designed a North Carolina specialty license plate to raise awareness of the plight of the honey bee. For the Division of Motor Vehicles to consider an application for a specialty tag, the FCBA is trying to get 300 pre-paid applications for the plate by Feb. 15. Cost for a plate with numbers determined by DMV is \$15. A personalized plate with up to four spaces can be ordered for \$30. Yearly renewal fees will depend on your choice of plate and other personal property and vehicle taxes. A portion of the tag fee will be donated to N.C. State University Apiculture Program. More information about the specialty honey bee plate effort can be found at www.franklincountybee.org.

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 Agriculture 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.

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

Bioenergy

(Cont'd from pg. 1)

- grown under various North Carolina conditions.
 - \$75,764 to NCSU's Department of Crop Science for an evaluation of bioenergy grasses for nutrient content. The results of this project will be useful in selecting breeding stocks for future cultivar development for high dry matter and energy yields.
 - \$69,000 to Tyton BioEnergy Systems for the development of energy tobacco for biofuel production. Tyton's goal is to develop production systems for a new variety of tobacco to produce advanced cellulosic ethanol and biodiesel.
 - \$116,661 to NCSU's Department of Soil Science for a project on nutrient dynamics and production of bioenergy crops in swine effluent sprayfields. The continuation of this project will help determine the nutrient requirements and uptake of proposed biomass crops grown in sprayfields.
 - \$38,914 to NCSU's Department of Soil Science to study the suitability of Piedmont soils for bioenergy crop production. The goal of this project is to investigate the potential conversion of land to bioenergy crops with an emphasis on how soil biochemical and physical properties are impacted.
 - \$40,513 to NCSU's Department of Forestry and Environmental Resources for a loblolly pine biomass genetics and cropping study. Genetic evaluation of loblolly pine varieties with high potential for conversion to energy sources supports the mission to develop agricultural and forestry based feedstocks for bioenergy production.
 - \$32,438 to NCSU's Clean Energy Technology Center to reconvene the N.C. Biomass Council and update a "biomass roadmap." The Biomass Council will offer an opportunity for discussion of bioenergy-related topics including research, policies and other issues to further the bioenergy industry in North Carolina.
 - \$71,043 to NCSU's Department of Biological and Agricultural Engineering to study ensilage technologies as harvest management strategies for bioenergy. Harvest and storage practices will be a significant part of the bioenergy industry development. for a project evaluating biomass harvesting systems and equipment.
 - Four additional projects are being funded through
- Tennessee Valley Authority Settlement Funds designated for research projects.
 - \$96,620 to NCSU's Department of Horticultural Science to expand a new approach for developing improved energy canes. The overall goal of this project is to develop elite cultivars of seedless energy canes with superior biomass for economically and environmentally sustainable bioenergy production and to develop in-vitro regeneration systems that will facilitate future feedstock improvements.
 - \$83,150 to Appalachian State University's Department of Technology and Environmental Design for a project to develop biomass greenhouse-heating systems for resource-limited farmers. The main objective of this project is to build and test various inexpensive and efficient biomass heat-delivery systems for a greenhouse in order to research and demonstrate how to improve local crop productivity for farmers in Appalachia.
 - \$101,254 to the Carolina Land & Lakes Resource Conservation and Development Program for the development of poultry house wood pellet heating demonstration systems. Wood pellet heating systems offer cost savings, reduction in moisture and fossil fuel by-products, delivery of a better product to market, and the use of a carbon-neutral sustainable and renewable domestic fuel.
 - \$157,559 to N.C. State's Fisheries, Wildlife and Conservation Biology Program to work on directing wildlife-friendly forest bioenergy development. Based on the results of this study, stakeholders will be provided information on potential wildlife response to woody biomass harvests, and the results will be used to guide the development of science-based sustainability guidelines.
- The N.C. Bioenergy Research Initiative is a program of the N.C. Department of Agriculture and Consumer Services. Its goal is to support the research and development of agricultural and forestry-based feedstocks for bioenergy production, agribusiness development and cooperative research for biofuels production.
- The N.C. General Assembly approved funding for grants to stimulate energy production from N.C. agricultural and forest products. High consideration was given to projects that focused on crop production in both the field and forest that would provide feedstock for conversion into cellulosic ethanol.

Horse Events

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

- Feb. 6..... Southern Farm Show Southern National Draft Horse Pull. Contact Calvin Davis, 919-732-7542.
- Feb. 13 & 14.... Carousel Farms American BullRiders Finals. Contact Jeff Mullen, 919-796-8375.
- Feb. 20-22 Triangle Farms NCHJA "C" Indoors. Contact Joan Petty, 919-669-9877.
- Feb. 27-..... Double L Bar Cowboy Mounted Shooters. Contact Mike Lubell, 919-327-1355.
- March 6-8 NCHJA "C" Indoors. Contact Joan Petty, 919-669-9877.
- March 12-15 Raleigh Indoor Spring Classic. Contact Joan Petty, 919-669-9877.
- March 18-21 Raleigh Spring Premier Benefit. Contact Joyce Wilson, 919-365-5149.
- March 24 NC FFA Livestock Judging. Contact Jason Davis, 919-515-4206.
- March 27-29 NCHJA "C" Indoors. Contact Joan Petty, 919-669-9877.
- April 3-5 Region 12 & 15 Arabian Horse Show. Contact Rory Meacham, 919-906-3510.
- April 9-11 Raleigh Invitational Show. Contact Joyce Wilson, 919-365-5149.

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

- March 20 & 21 Bullmania 2015. Contact Beth Wheeler, 828-254-8681.
- March 27-29 Arabian Spring Classic Horse Show. Contact Robert Obermiller, 828-674-1758.

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

- Feb. 12-15 Williamston Winter Classic. Contact Joan Petty, 919-556-7321.
- Feb. 20 & 21 Old Ford VFD Survivor Series Rodeo. Contact Frankie Buck, 252-946-9760.
- Feb. 28 & NCQHA-D4 "No Bling" Quarter Horse Show. Contact Susan Daniels, 919-894-2973.
- March 6-8 March Into Spring Reining Horse Show & Rookie Day. Contact Gail Berghorn, 813-426-5707.
- March 13 & 14 N.C. Barrel Bonanza. Contact Jason Smith, 252-903-7696.
- March 21 & 22 NC EHA "Spring Indoor" Hunter Horse Show. Contact Marlo King, 252-268-4144.
- March 28 & 29 March Magic Dressage. Contact Sue Smithson, 910-692-1788.
- April 2-5 NCHA-D4 Martinganza AQHA Show and Futurity. Contact Susan Daniels, 919-894-0600.

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

- Feb. 2..... Horse and Tack Auction. Contact Brad Stephens, 828-390-0878.
- Feb. 7..... Borderbelt Ranch Sorting. Contact Jason Durden, 910-734-8754.
- Feb. 14..... Barrel Racing. Contact Beth Herdon, 910-740-7900.
- Feb. 21..... 5 Star Barrel Racing. Contact Amy Wallace, 843-672-4180.
- Feb. 28..... Four Beats for Pleasure. Contact Shannon Gibbs, 919-255-0429.
- March 2 Horse and Tack Auction. Contact Brad Stephens, 828-390-0878.
- March 7 Mary Davis Benefit Barrel Race. Contact Kaycee MacGibbon, 704-902-6207.
- March 13 & 14 Southern Stock Horse Show. Contact Jenny Taylor, 919-323-9910.
- March 27 & 28 Borderbelt Horseman's Association. Contact Cecil Jackson, 910-740-0262.
- April 4 Monica Britt Barrel Racing. Contact Monica Britt, 910-671-9858.

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

Classifieds Ads

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 March issue is Feb. 2. The deadline for the April issue is March 2 and the deadline for the May issue is April 1.



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.

5 frame nucs & splits, full w/bees & brood, ready 03-15-15, accepting lg. & small orders & bee club orders, \$115/ea. Tim Holt, Siloam 336-710-4904.

Beekeeping supplies & hardware, hive bodies, supers, frames, found., outerwear, tools, etc., pickup date 03-18-15; 3 lb. pkgs., \$1-100. Dave Bradley, Nashville 252-443-6471.

BEES

Bees w/Italian queen, 3 lb. pkg., \$90; compl. hives, ready for bees, \$85; compl. supers, \$45. Ed & Ruth Whitley, Albemarle 704-982-3136.

Italian honey bee pkgs., 3 lb. w/ laying queen on 03-18-15; 5 frame nucs; extra queens, \$95-140. Tim Frye, Liberty 336-549-7358.

Spring 3 lb. pkg. honey bees, pick up 03-28-15; local pkgs. mid 04-15, \$98. Larry Tate, Winston-Salem 336-788-4554.

Extractor, elec. radial 5 shallow frame, stainless steel w/stand, elec. knife, uncapping tank, sieve strainers, bottling buckets & more. LNC, \$475. Ellen Henson, Lexington 336-893-8635.

Bees, 3 lb. pkgs., \$100/ea.; 5 frame nucs, incl. wax coated lg. window vent nuc boxes, w/min./hgy. queens, ready 04-15, \$140. Richard Lippard, Statesville 704-682-4018.

Italian honey bees w/queen, 3 lb. pkgs., ready for pick up 03-21-15, \$95. Scott Taylor, Stella 910-787-2577.

Italian bees w/queen, 3 lb., ready 04-09-15, \$95 + tax. John Pledger, Trinity 336-475-5137.

BEES

Bees, 3 lb. pkgs., ready 03-20-15, Italian bees & queen, \$91; inspector jackets, \$55. Garry Whitley, Albemarle 704-982-0698.

Italian bees, 3 lbs. pkg., pick up 03-16-15, \$95; 5 frame nucs, ready 04-01-15, state inspected, \$125. Rick Tindal, Albemarle 704-985-6236.

Taking orders for spring nucs, ready approx. 04-10-15, \$125. Billy Searcy, Mill Spring 828-817-0266.

Honey bee nucs, \$140; 2 lb. pkgs., \$85; 3 lb. pkgs., \$105; add'l queens, \$25. Wade Penny, Beulaville 910-290-4186.

Nucs, 5 frame, taking orders for mid 03-15 deliv., started in Fl., resultant hives ready for spring nectar flow in NC, \$135. Curtis Wooten, Burgaw 910-540-4611.

Honey bees w/queen, 3 lb. pkg., pick up 03-22 & 03-23-15, \$110. Kim Underhill, Raleigh 919-272-4450.

Italian honey bees, 3 lb. pkg. w/laying queen, ready early spring, \$100. Rick Coor, Goldsboro 919-738-7638.

Bees, 3 lb. pkgs. w/queen, Italian bees from GA, ready 03-20-15, \$105; 5 frame nucs, ready 04-15, \$135. Glenn Godfrey, Sanford 919-776-9517.

NC 5 frame Italian nucs, overwintered, proven, early release nucs started summer 2014, locally raised, ready 04-01-15, \$135-150. Ricky Marshall, Mooresville 704-904-6725.

Italian bees w/queen, 3 lb. pkg., taking orders for mid 04-15 pickup, \$100. Bryan Fisher, Kannapolis 980-521-8642.

4-5 frame nucs, ready mid 05-15, pre-order & pay by 04-30-15, \$135; after 04-30-15, \$150; 3 lb. pkgs. w/queen, ready 03-29 & 04-05-15, pre-order & pay by 03-14-15, \$95; after 03-14-15, \$105. Jim Griffith, Fayetteville 910-273-2782.

10 frame shallow supers w/frames, treated by the state of NC, UC, \$15. Bob Mathis, Tobaccoville 336-983-7585.

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



Equipment For Sale

Arps Master HD stump grinder, 36 in. wheel, 3 pt. hookup, pto, 2 stabilizing legs, carbide bits, \$1,500. Denny Rollins, Mocksville 336-492-7223.

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

NI 5406 disc mower, 6 ft, field ready, \$1,500. Brad Storie, Hamp-tonville 336-469-1790.

Tobacco harvester, 1 row Roanoke w/side deliv., Sheppard dump box, belt kit, \$15,000; Holland pull-type 2 row w/plant racks & fert., \$1,500; other items avail. J. W. Pearman, Reidsville 336-394-7295.

Scrape blade, HD, 6 ft, 3 pt. hitch, NC, \$350. Bill Shore, Winston-Salem 336-924-6423.

MF 1010 tractor, 3 cyl. diesel w/4 ft box blade, 5 ft Bush Hog mower & 3 pt. logging grabs, GC, \$4,500; 3 pt. flip bottom plow, \$850. Dewey Sawyer, Swan Quarter 252-944-1826.

1949 Farmall Super C, single front wheel, restored to 6v cond., equip. w/60 gal. fiberglass tank & 60 ft hose w/spray nozzle, \$3,500. Kirby Brock, Wade 910-483-8449 or 818-3677.

1960's Farmall 140, 12v, 95% tires, new rear rims, tubes & battery, rebuilt starter, carb. & hydr. pump, incl. cult., fert. dist. & 2 bottom plow, 1 pt. hitch, runs good, \$5,500. Harold Monroe, Trinity 336-861-5062.

1953 Ford Jubilee, GC, clean, \$3,400; Lowery 16 disc, 3 pt. heavy, VGC, \$575; NH 451 sickle mower, 7 ft, \$1,375; other items avail. Chris Witherspoon, Valdese 828-381-6857.

78-79 backhoe, new bucket, Ford 4500, \$5,000. Morgan Castevens, 540 Petty Rd., Siler City NC 27344.

Rev. fan for CAT D6C or D6D, LNC, \$400; Delco alt., 24v, fits CAT, rebuilt, \$125. Gerald Fox, Taylorsville 828-612-2407.

AC D15 series II, \$4,000; AC 7000, \$7,500; 1956 Ferguson 40 high crop, wide front, VGC, \$7,000. Robert Humbles Sr., Ayden 252-717-0764.

MF 165, not running, \$3,500; MH Pacer, not running, \$2,000; rear tractor tires, 18.4x46, 30% tread, no holes, \$250/ea.; \$450/pair; dual wheels w/tires mounted, 23.1x34, \$1,000. Robert Humbles Jr., Ayden 252-746-6838.

NH 273 sq. baler, kept dry, new chains, roller bearings, GC, \$2,000. Keith Overby, Greensboro 336-407-9762.

1987 CAT 215B excavator, 34 in. bucket, 28 in. tracks, thumb 44,000 lb., runs good, \$16,500. L. Dunlap, Robbins 910-948-2680.

Late model disc hay mower, 7 ft, GC, \$2,000 OBO; NH 847 hay baler w/bale sizer, wide pick up, GC, \$1,750. B. Ross, Burlington 336-421-9383.

JD sprayer, 400 gal. tank, field ready, \$800. B.R. Ferguson, Charlotte 704-545-6237.

1930's IHC grain binder, shed kept since 1948, compl., \$1,000. Don Williams, Richfield 704-463-5592.

Int'l tractors, 11 avail.; 140 tractors, 4 avail.; Super A tractors, 2 avail., A tractors, 3 avail.; 130 tractor; 100 tractor, \$15,000/all. Claude Hamlett, Leasburg 336-694-6874.

1953 Ferguson 30 tractor, show cond., \$4,500. Sylvia Holbrook, Gastonia 704-868-3740 or 214-0811.

Dirt scoop, 3 pt. hitch, reversible, 30 in. wide pan, GC, \$190; bog disc, 3 pt. hitch, 8 blades, FC, \$100. Crawford Collins, Maysville 910-743-0091.

FARM EQUIPMENT

JD 650 tractor w/Woods RM 360 finish mower, VCG, 1,573 hrs., \$4,500 OBO; AC G w/hydr. lift, FC, needs tires, doesn't run, compl., \$1,800 OBO. Richard Adams, Raleigh 919-846-0022.

2001 New Idea 4854 round baler, 4x5 bales, twine wrap, less than 2,500 bales, EC, \$14,000. A. Furr, Salisbury 704-798-3460 or drfurr@windstream.net.

NH 256 rake w/new dolly wheels, LNC, \$3,500. B. Lindley, Pittsboro 919-742-4009.

Ford 3000 diesel, 4 new tires, ps, EC, \$6,950; MF 135, gas, ps, GC, \$3,500. Lathan Ostwalt, Statesville 704-450-6534.

Cole fert. dist./cult., 1 row, rebuilt w/new bolts, hoses, points & paint, incl. disc & extra ft. for cult., \$750 OBO; Cole fert. hopper, box, hoses, ready for frame, \$275. Jimmy Covington, Pilot Mountain 336-368-1613.

1971 JD 4020 w/Bush Hog loader, spear, bucket & fork, \$12,000; Kuhn accumulator w/15 bale grabber, \$8,000, NI 4217 tedder, 4 basket, \$2,200. Gary Abernethy, Hickory 828-381-1591.

Old IHC pull-type bottom plow, 3-14s, GC, \$500. Charles Hunter, Whitakers 252-437-4681.

Wood splitter, HD, elec. start, \$950; Woods belly mower, fits Farmall Cub tractor, GC, \$550; Ford tractor, GC, new paint, \$3,000. Cyrus Bowman, Colfax 336-420-0986 or 996-1783.

Miller Pro 75 stump grinder, 3 pt. hitch, GC, \$2,800. Harold Lineberger, Iron Station 704-748-1488 or 524-9194.

Disc harrow, 12 ft, 3 pt. hitch pick-up, \$1,300; JD grain drill w/row markers, 15 ft, EC, \$42,000; seed teddar trailer, LNC, \$9,100. F.D. Rivenbark, Willard 910-259-2717 or 540-7161.

1953 Ford Jubilee tractor, all orig., 6v, new rear tires, new paint, \$4,000; JD disc, 11 ft., 2 in., new front blades, \$1,200. G.E. Covington, Rockingham 910-334-6331.

JD 717 rotary cutter, EC, 3 pt., 7 ft cutter, \$2,000. Jimmy Coble, Mebane 336-684-2919.

2004 JD 1730 15 row narrow integral planter w/Yetter kit, plumbed for liq. nitrogen, corn & soybean plates, \$32,000; 1989 JD 9500 combine, JD 25 ft flex. platform & Ez Trail hh25 26 ft header hauler, \$41,000; JD 8100 tractor, \$62,000. Trent Scott, New Bern 252-224-1809.

JD 215 disc harrow, 38 blade, frame & carriage GC, blades PC, \$1,300. Lance Bass, Spring Hope 252-478-3169.

JD 1010 C gas bulldozer w/log lift & canopy, \$7,500; JD 40 C bulldozer, 2 cyl., \$4,900. Jack Stone, Rocky Mount 252-903-0872.

1988 Ford 3910 series II, LNC tires, orig. tractor, remote hydr., ext. lift arms, \$8,200; 1970 Ford 3000, diesel, 8 spd., ps, live pto, tires VGC, \$5,600; Goodyear tractor tires, 7.50-16 w/new front rims, fits Ford, JD, NH, Int'l, Farmall, etc, \$350. Dustin Hill, Lexington 336-239-4566.

Vicon disc mower, cm 216, sheltered, \$3,500. Noel Leatherman, Lexington 336-249-1308.

Bush Hog 1209 disc mower, EC, \$4,800. Aaron Rumley, Burlington 336-263-8226.

MF 235 tractor, 3 cyl. Perkins diesel, 2,100 hrs., \$5,500. Don Jones, Stokesdale 336-317-3301.

JD 7200 Max Emerge planter, 36 in., 4 row, no-till coulters, hydr. row markers, monitor, dry fert., insecticide boxes, field ready, sheltered, \$9,500. Cody Clodfelter, Kernersville 336-345-0757.

Ez-Go Work Horse utility veh., ST-350, elec. dump bed, 11 hp Robbins, EC, \$4,250. Bobby Miller, Winston-Salem 336-362-3342.

2009 Club Car precedent elec. golf carts, windshields, tops, hubcaps, chargers incl., garage kept, \$2,150. Chris Bryant, Gibsonville 336-362-7068.

JD 850, 11 ft, 6 in. blade, 98% uc, \$18,500; Farmall C w/full cult., 3 new tires, \$2,500; Stone crusher, good for concrete, stones, Red Rihno 3000, \$25,000. Sam Rensi, Greensboro 336-362-8408.

FARM EQUIPMENT

JD 420s, 1 row w/2 lifts & 12v elec. system, \$3,100. Joseph Hicks, Roxboro 336-364-2765.

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

Sperry NH 848, 4x5 round baler, GC, new chains, elec. auto-tie controller, \$5,500. Richard Caudill, Sparta 336-372-8233.

Ford 3 bottom plows, 16 in. roll over, GC, \$2,500; NH-Ford 254 tedder rake, GC, \$1,400; NH 472 haybine, GC, \$3,000; NI sq. baler, GC, \$1,800; hay spears, small spike, 3 pt. hitch, GC, \$175. L.B. Bond, Dobson 336-374-0103.

1942 JD B, restored, GC, factory elec. 12v start, new paint, decals & tires, EC, \$3,900. Rick Parnell, Winston-Salem 336-408-1743.

Turning plow for Farmall Cub tractor w/1 pt. hitch system, \$100; disc harrow for Farmall Cub tractor w/1 pt. hitch system, \$100. Don Bryant, Thurmond 336-413-4704.

Steel wheels off JD A, rear 15 spline, GC, \$400. Randy Crumpler, Winston-Salem 336-416-4663.

2007 JD 2520, 26.5 hp, 420 hrs., r-4 industrial tires, mid & rear pto, 62d driver over deck, 200cx loader, Agrex xa-150 spreader, Leinbach sl-5 scrape blade, First Choice tiller rt04-48, Frontier box blade, LNC, \$17,900. Keith Williams, Eden 336-432-7742.

JD 8410, 6,075 hrs., duals, front & rear weights, 50% rubber, clean, \$70,000. Randy Douglas, Hamptonville 336-452-4831.

JD quick attach tractor bucket for 430 loader & others, slightly used, 6 ft wide, EC, \$950. Barbara Brown, Thurmond 336-468-0973.

Ontario horse drawn grain drill, 48 in. iron wheels, 8 spout, FC, \$300. Rudy Pardue, Hamptonville 336-468-4601.

Post hole digger, 3 pt. hitch, 12 in. auger, \$450; Gill cult., 3 pt. hitch, 1 row, \$200; Ford 101 2-14 in. bottom plow, 3 pt. hitch, \$450; dirt scratcher, 6 ft, 3 pt./1 pt. hitch, \$300; Ford 101 2-14 in. bottom plow, \$400. Winfred Aldridge, Burlington 336-584-6262.

NH 848 hay roller, air bags replaced 5 yrs. ago, elec. twine, GC, \$3,500. Gabe Windham, Oxford 336-592-1975.

IH 2 bottom turning plow w/1 pt. hitch, \$225; AC 66 pull-type combine, \$500; Ford bush hog w/slip clutch, 6 ft, 3 pt. hitch, \$800. Ernest Pinnix, Eden 336-627-9303.

Int'l 684 Tobacco Special, set out 96 in., rebuilt eng., injection pump, new rear tires, GC, \$5,500. Alex Nelson, Oak Ridge 336-643-1160.

1995 NH LX885 turbo buck, forks, oem repair man., high flow hyd. 2 spd. drive, \$12,000. Chris Hicks, East Bend 336-699-2885.

1993 JD 9500 combine w/920F head, dam, das, F&A, chopper, chaff spreader, bin ext., 30.5 tires, 2,800 sep. hrs., GC, \$33,000. Jerry Hare, Mocksville 336-751-2753.

1947 Farmall Cub, good paint, LNC tires, cult. & draw bar, fert. dist., \$2,450; Farmall double hopper corn planter for Cub, \$950; belt pulley for Farmall Cub; Cole fert. dist. for Farmall Super A, 100, 130 & 140, \$150-450. James Morgan, Colfax 336-816-3441.

Hay tedder, 9 ft, 2 basket, \$875. David Bryant, Madison 336-908-2447.

David Brown 4600 tractor, gas. eng., ps, \$3,000; AC 333 planter, 4 row, no-till, \$3,000. David Shepherd, Wilkesboro 336-921-3166.

Woods 8240 belly mower, 5 ft, fits Kubota B7200, can be adapted to Farmall 140 or Cub, \$200. Tommy Rice, Salisbury 704-213-1495.

Disc harrow, 3 pt. hitch, 16 blades, front 17 in., rear 19 in., \$250; scraper blade, 6 ft, 3 pt. hitch, \$250; cross cut saw, 3 pt. hitch, fits Ford/Ferguson tractor, 30 in. blade, needs wood parts replaced & refurb., \$150; drag pan, 3 pt. hitch, \$150. Kay McAlister, Stanley 704-263-2542.

FARM EQUIPMENT

2013 field cult., Unverferth Perfecta, 15 ft, fixed frame, used 2 seasons on 30 ac, LNC, \$4,500. Dennis Bazemore, Lillington 910-890-2940.

Kubota L2900d, 4x4, front loader, 1,097 hrs., canopy, LNC, \$10,900; Kubota b5200d, 249 hrs., 5 ft finish mower, LNC, \$5,900; MF 1035d, 876 hrs., \$4,950; MF 1205, diesel, 4x4, 510 hrs., \$6,250. Larry, Monroe 704-282-0108.

2012 Kubota M7040 tractor, 4wd, canopy, LA 1153 loader, 300 hrs., 2 remotes, under warranty, \$28,500. Clay Heafner, Lincolnton 704-308-9295.

Bush Hog GHM 900 disc mower, 3 pt. hitch, field ready, \$2,500. Norris McConnell, Mt. Ulla 704-397-6262.

JD 7720 turbo combine w/918 header, field ready, \$13,500. Henry Cook, Huntersville 704-458-7396.

2012 510 EZ Trail auger cart, 490 bu., roll tarp, LNC, \$10,750. Richard Glover, Bessemer City 704-629-5520.

KMC 7 shank no-till v-ripper, late model, EC, \$4,000; Forrest City 4 row sub-soiler planter w/o planters, \$2,000. Randy Clontz, Indian Trail 704-634-5910.

NH Super 1049 stackwagon, self-propelled, 160 bale cap., GC, \$15,000. Kim Starnes, Salisbury 704-637-1805.

Suitcase weights for AC 6080, 50 lb., EC, 9 avail., \$500. Tom Corriher, Mt. Ulla 704-638-0948.

NH 462 disc mower, GC, rebuilt 2012, \$4,500; NH twin rower rake hitch, \$700; 2 hay wagons, JD running gears, \$1,000/ea. Johnny Harrison, Salisbury 704-639-0867.

Gravel roadway harrow, 84 wide, Northern Tool model atv-07dwd, item 38744, LNC, pics. avail., \$250. Gordon Rutzen, Salisbury 704-645-7049.

Farmall Cub w/cult., draw bar & sickle bar mower, good tires, GC, \$2,800. Michael Caudle, Harrisburg 704-791-3936.

Kubato 12900 6 ft belly mower w/compl. mounts, GC, \$800. Robert Connell, Concord 704-918-0846.

1965 AC 190 series 4 tractor, gas eng., rear weights, eng. needs rebuilding, \$2,000. Mike Garrison, Weaverville 828-337-2450.

Bush Hog 297, 7 ft, twin tailwheels slip clutch, used less than 200 ac, \$2,800. Keith Lail, Hickory 828-381-7852.

Economy tractors, 1947 141 chain steer; 1949 & 1955 Country Squire; 1960 models, many extras, eng., tires, VGC, \$4,000/all. Michael Harrill, Maiden 828-428-2312 or mharrill@charter.net.

NH 570 baler w/Hoelscher bale accumulator & grapple, \$12,500. Rex Lynch, Maiden 828-428-4611.

Silage bale wrapper, SW2500, Vermeer single wrapper, silage grabber euro hitch, GC, \$9,500. Derek Teague, Catawba 828-446-6111.

Int'l tractor, 40 hp, gas, 3 pt. hookup, good tires, new paint, runs good, \$2,200. Jason Milstead, Taylorsville 828-514-4027.

Farmall Super A tractor w/Woods 1306 belly mower, VGC, good metal, no smoke, starts, runs & drives great, \$3,250. Rick Leonard, Lexington 828-773-4976.

JD 720 haybine, 9 ft, 6 in. cut, \$4,000. Andy Taylor, Connelly Springs 828-874-6205.

24 blade disc, front half adjust., hub-type grease fittings, \$600. Claude Lewis, Boone 828-963-5739.

Ford 4000 tractor, 3 cyl. gas, \$6,000; North Track 250-A tractor, 2 cyl., air cooled 30 hrp w/3 pt. hook, diesel, \$2,500/2; Int'l diesel, 90 hrp, \$7,000; Dexter tractor, \$2,500/2. Henry Currie, Ellerbe 910-334-0404.

JD 2950, 2 post canopy, LNC rear tires, field ready, \$10,000 OBO. Danny Bynum, Ellerbe 910-334-9463.

BBI litter spreader, 22 ft, mech. drive, \$8,500; Jamesway 6,200 gallon slurry tanker; J-Star 7,200 gallon slurry tanker; Houle loading stand, Houle 8 in. pump, \$3,000-30,000. Robert Cannon, Beulaville 910-389-3509.

FARM EQUIPMENT

Reddick 55 gal. sprayer, 12 ft boom, garage kept, EC, \$900. Chris Starling, Clinton 910-592-7800.

Farmall Cub, \$2,200; fertilizer mount for Super A, \$50; planter for Cub, \$50. Dale Hardison, Watha 910-604-0601.

IH 884 tractor for parts, missing sheet metal, injection pump & tires, \$500. Harry Hart, Bolton 910-770-1160.

2012 S690 & 2010 MacDon FD70, 980 sep. hrs., nice machine & head, \$390,000. Lee Johnson, Bladenboro 910-874-4601.

Clipper belt lacer, \$175; Farmall tractor weights, \$100/pair. Robert Jeffreys, Linden 910-980-0771.

Heavy King offset disc, sealed bearings, all scrapers on disc, no welds/brakes, incl. hydr. cly., tires GC, 7 ft wide, \$2,700 OBO/trade for JD 2 cly. tractors. Keith Patterson, Carthage 910-986-5431.

JD 40S, 3 pt. hitch, serviced, EC, \$4,295. Jim Pearsall, Salemburg 910-990-5169.

Fort disc mower, 6 ft, GC, \$3,500. Kenneth Mitchum, Pittsboro 919-542-3367.

MF 25 hay rake; MF 10 sq. baler; Agri-Supply tedder; Ford 501 sickle mower; 2014 Morra 2260 disc mower, all used 2014 season, \$7,600. David Whaley, Mt. Olive 919-658-4414.

Rear cult. w/plows, drawbar & belt pulley for pto, all for Super A-Farmall 140, \$50-300. Larry Shivar, Seven Springs 919-738-3290.

JD 457 round baler, sheltered, twine only, mega wide pickup, 540 pto, baled 12,515 bales, GC, \$13,500. Ricky Hatley, Locust 980-521-7459.

JD 458 round baler, GC, \$13,900. Tommy Parker, Thomasville 336-476-6376.

NH 256 hay rake, GC, \$2,500. Hayden Cline, Valdese 828-409-6209.



Equipment Wanted

Scraper blade & draw bar for AC, snap coupler hook up. Carroll Melton, Morganton 704-300-0148.

Skid loader or track loader, running/not, any size. David Aron, Snow Camp 336-213-5537 or 512-9557.

Rear wheel, 10x24 in., fits AC C. Thomas Justice, Nebo 828-584-3017. **Front end loader** for 1953 Ford Jubilee. Sylvia Holbrook, Gastonia 704-868-3740 or 214-0811.

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

Ferguson disc plow scraper mounts & orig. stand; Ferguson farm items. William Hunter, Burgaw 910-619-7258.

JD 2155, 2355, 4240 & 4255 powershift tractor, 16+ ft steel flatbed & dump cyl., 2,000+ gal. fuel tank. Brent Strickland, Louisburg 252-213-2667.

Int'l 2350 or 2450 front end loader. Wally Hobbs, Hertford 252-337-5169.

JD 350C track loader, GC; 210C backhoe. Johnny Broome, Mooresville 704-421-0717.

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

Wood saw for red belly, Lenoir area. Thomas Roberts, Lenoir 828-729-0078.

Farmall Super A tractor for parts. Robert Newton, Watha 910-231-9574.

EQUIPMENT WANTED

Front bumper weights for JD 420/430 tricycle farm tractor w/ front & 2 side weights & support bracket. H.E. Brown, Wendell 919-333-3809.

Potato digger, 1 row; peanut digger, 2 row. Elvin Mangum, Rougemont 919-693-3701.

Boy Dixie 1 horse turning plow. Charles Hardee, Raleigh 919-772-2792.

Front end loader for Ford 3000 tractor. Chip Stitt, Cary 919-841-6123.

2 pt./3 pt. hitch adapter for Farmall tractor. Ray Smith, Wendell 919-906-4141.



Hay & Grain For Sale

Fescue hay, sq. bales, at barn, \$4.25/ea. B.R. Ferguson, Charlotte 704-545-6237.

Wheat straw, sq. bales, at barn, \$4/ea.; orchard & fescue mix, horse quality, sq. bales, \$8/ea. Barry Lindley, Pittsboro 919-742-4009.

Coastal Bermuda grass hay, horse & cattle quality, under shelter, sq. bales, \$6/ea.; wheat straw, under shelter, sq. bales, \$4.50/ea. w/bulk disc., hay analysis & deliv. avail. for fee. Anthony Cartrette, Chadbourn 252-756-2920.

Clover, orchard grass hay, sq. bales, \$5/ea. Phillip Cantrell, Burlington 336-228-6823.

Fescue hay, 4x5 bales; wheat hay, 4x5 bales, \$50/ea. w/deliv. avail. Jamie Elliott, Denton 336-302-0165.

Wheat straw, at barn, \$3/ea. G.T. Underwood, Elon 336-349-7283.

Fescue hay, sq. bales, \$5/ea. Steve Jones, Thomasville 336-475-6539.

Fescue hay, 100 bales, \$3.75/ea. Ernest Pinnix, Eden 336-627-9303.

Wheat straw, sq. baled 2014, barn kept, \$4/ea. Bill Bruton, Candor 336-833-2949 or windshield-farm@gmail.com.

2014 fescue hay, 4x4 rolls, stored inside, deliv. avail. for smaller amounts w/fee, \$35/ea. David Moore, Summerfield 336-908-0591.

Top quality western alfalfa, sq. bales, deliv. avail., \$15-20/ea.; high quality orchard grass, sq. bales, deliv. avail., \$7-10/ea. Michael Booker, Greensboro 336-908-6142.

Straw, \$3.50/ea. John Kapp, Rural Hall 336-969-6630.

Oats, 2014 grain, clean, \$7/ea.; fescue & orchard grass hay, 2014 hay, sq. bales, \$3.50-4/ea. P.A. Heavner, Valdese 828-443-0816.

Cheyenne Bermuda, horse quality, 50 lb. sq. bales, deliv. & hay analysis avail., \$5/ea. Jason Britt, Mt. Olive 919-920-2765.



Hay & Grain Wanted

Approx. 75-100 4x4 rnd bales for cattle, no deliv. needed, within 40-50 mi. of Alleghany co. Brittany Sturgill, Laurel Springs 336-657-0439.



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.

Reg. quarter horse gelding, 21 y/o, flax mane & tail, star, strip, snip on head, nice trail horse, loves people, \$1,000. Lisa Boyles, Archdale 336-442-0512.

HORSES

Horse boarding facility near High Point, Greensboro & Asheboro, no stallions, sand arena, round pen, \$350/mo. David Johnson, Sophia 336-302-2307.

Paso Fino gelding, 10 y/o, blk., 13.2 hh, nice trail horse, reg., \$2,000. A. Furr, Salisbury 704-798-3460 or drfurr@windstream.net.

Pioneer forecart, draft horse size, new tires, EC, \$675/trade for 14 hh pony that rides/drives. Don Whittington, Mt. Pleasant 704-792-5584.

2012 Adams 2 horse trailer, LNC, rubber mats, new spare wheel, \$4,500. Robert Sell, Winston-Salem 336-416-2520.

Pony size Conestoga covered wagon, never hooked, \$3,000. Cyrus Bowman, Colfax 336-420-0986 or 996-1783.

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

2 horse straight load, GC, no rust, new tires & brakes, walk through to dressing area, \$3,850. Tom Oestreich, Stoneville 336-427-0219.

County Competitor dressage saddle, 18 in., xw tree, EC, \$2,200; Barnsby Morgan/Arabian tree saddle seat, 21 in., EC, \$500; other items avail. Terri Aprile, Gibsonville 336-698-0207 or shponys@gmail.com.

Miniature donkeys, \$300-600. Hendrik Smock, Asheboro 336-879-2637.

Dressage saddle, Albion SL med. wide tree, 17.5 seat, EC, orig. paperwork & dust cover, \$1,000. Robin Lysterly, Kernersville 336-996-3371.

Reg. tri-colored paint gelding, 7 y/o; blk. & white paint mare, 9 y/o; bay gelding, 6 y/o, \$2,500/all. Bobby Trexler, Salisbury 704-754-2421.

Pull sled to train weight pulling for horses/mules, lg. bed for weight, EC, \$249. Barbara White, Waynesville 828-926-6221 or shponys@gmail.com.

Buggy, 1 horse, 100+ y/o, intack w/hardware, needs wood replaced, needs 3 hubs, 4 wheels & bottom to seat, \$200. Jennifer Johnson, Dunn 910-987-9147.

1998 Silver Star gooseneck horse trailer, 3 slat load, tack compartment, ceiling all thru, 20 ft awning, \$10,500. Linda Leigh, Kelly 991-054-5012.



Farm Labor

Compl. farm services, mechanic/welding & fabrication/machining repairs; pond pumping & aeration systems; barns, pole bldgs. & green houses built, repaired, demolition; fencing; handyman repairs & general labor, \$25/hr. & up dep. on job. Chris Guice, Concord 704-898-5310.

Hog removal, Free. Alfred Sturges, Mebane 336-213-3514.

Fence bldg., any type farm/yard fence, 100 mi. radius of Laurel Springs, \$1/ft & up labor. Richard Bare, Laurel Springs 336-359-8278 or 977-8097.

John Blue pumps, parts & repairs, all work & parts guaranteed, \$50-3,000. Scott Blackwell, Cerro Gordo 910-770-1189.

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

Cattle ai service, beef & dairy, NC & surrounding areas, \$20 & up. James Martin, Siler City 919-904-2599.



Farm Labor Wanted

Exp. fruit tree pruner needed for small orchard in Halifax co, \$10. Bud Cooper, Atlantic Beach 252-726-2865.

FARM LABOR WANTED

Someone in eastern NC to install pasture fence, will furnish fence & posts, approx. 30-35 ac. Ginger Bruton, Hampstead 910-262-5251.



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.

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 after 10 p.m.

8 ac in Richmond co, fenced, coastal Bermuda grass, barn, outbldg., lg. yard, 1 ba. house, \$140,000. Bill Byrd, Hoffman 336-213-0375.

3 ac in Anson co off Hwy. 52, flat, 2/3 wooded, secl., 53 ft lighted pole barn & 40 ft storage container, \$25,000. Ted Johnson, Wadesboro 336-880-7574.

15 ac in Iredell co, ¼ clear, ¾ timber woods, stream, well/septic & power, private, near Lake Norman, \$6,000/ac. Lathan Ostwalt, Statesville 704-450-6534.

9 ac fenced in Rockingham co, 18 mi. from Greensboro, 2 ac stocked pond, 600 ft paved rd. frontage, \$85,000. H. Davis, Elon 336-260-7606.

22 +/- ac in Cabarrus co, Rimer township, most in 15 y/o pine timber w/ small pond & garden area, excel. hunting for deer & turkey, \$135,000. Mark Basinger, Lucama 252-236-2910.

125 ac farm w/80 ac crop land, remainder wooded, pond, stream runs through farm, incl. old farm house, \$350,000. Spurgeon Neal, Roxboro 336-599-4407.

15.23 ac flat land, prod. 600+ bales hay yearly w/6,130 sq. ft custom log cabin, surrounded by water, \$750,000. Crissy Anderson, Pleasant Garden 336-676-0303 or 207-1531.

35 ac, lies good, bottom land, excel. hunting, view of mtn., streams, paved rd. frontage, owner fin., \$3,500/ac. Lewis Cox, Mt. Airy 336-786-1697.

26 ac in Randolph co, 7 ac field & 19 wooded w/deep river frontage, \$60,000. Randy Macon, Ramseur 336-824-2288.

45 ac in Davie co, 3 ponds, barn, hay shed, 2 shops, 2 equip. sheds, fenced w/1,200 sq. ft house, near city limits, \$395,000; 24 ac pasture land in Davie co w/barn, water & fenced, 400 ft rd. frontage, near city limits, \$184,000. Jeff Smith, Mocksville 336-918-4421.

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

94 ac in Stokes co, near Winston-Salem & Greensboro, 3 fish ponds, 45 ac level grass land, timber, 3 phase power, barn, lg. picnic shelter & garage, secl. area w/20 y/o house, central heat & air & full basement, \$950,000. Tiny Simpson, Kernersville 336-993-4714.

13 ac licensed goat dairy, incl. equip. for cheese making, 2-50x150 ft barns, horse stable, 11 ac fenced pasture, custom feeders, birthing stalls, milk parlor, cheese facility, loafing areas, great for start-up dairy, sheep & cows, \$324,000. Suzanne Levesque, Vale 704-240-9353.

16 ac in Anson co, good for tree farm, hunting deer & small game, Deep Creek area, \$1,500/ac. Eddie Howie, Matthews 704-293-3222.

40 ac in Iredell co, farm w/house for lease, rolling hills, trees mixed w/pasture, good for organic goats, sheep, &/or market garden, long-term potential, \$600. Edward Marshall, Union Grove 704-592-2557.

40 ac in Randolph co, 5 mi. south of Ramseur, paved rd. frontage, creek & pines set in 2003, \$110,000. Larry Macon, Salisbury 704-798-2208.

FARMLAND

22.83 ac farm in Rowan co, brick home, 40x56 work shop, barn w/stalls & hay storage, approx. ½ in fenced pasture, good for livestock/horses, \$295,000. Milton Yoder, Woodleaf 704-798-7010.

23 ac in Hamlet, off rd., 50 ft way, 2bd/2ba 80% finished house, creek in front, heavy creek at back side, private, \$85,000. Vernon Lovin, Hamlet 910-205-3737.

130+/- ac farmland in Richmond co, near Pinehurst, growing timber, cleared land, barn & lake, \$5,500/ac. Charles Smith, Rockingham 910-895-1032.

102.5 ac in Anson co, good for chicken houses & hunting, \$219,000. Carl Lee, Rockingham 910-895-4564, 417-9649 or 995-7886.



Farmland Wanted

Land to lease for 2015 & future yrs. for deer hunting within hour drive of Stanly co, ref avail., responsible hunter. Jimmy Furr, Stanfield 704-888-0213.

10-25 ac for lease in Davidson, Davie, Forsythe, Stokes, Surry or Randolph cos for deer hunting for 2015 & beyond. Gary Gibson, Lexington 336-470-6563.

Land in Davidson, Randolph, Montgomery & surrounding cos. to lease for hunting. Teddy Bingham, Lexington 336-669-6744.

Land to lease long term for deer hunting, father & son, responsible w/exp., will maintain land. Nathan Thomas, Kernersville 336-749-0551.

25+ ac farm to rent/own, willing to fix-up house or barn/fencing, prefer 45 min. of Walkertown, prof., stable, working couple w/excel. refs. T. MacLean, Belews Creek 336-813-0289.

Pasture land to lease. Robbie Brewer, Asheboro 336-963-3930.

Pasture land in Iredell co & surrounding areas to lease for Angus cattle, lg. & small tracts. Brandon Owens, Statesville 704-880-1304.

Land to lease in Iredell & surrounding cos to plant & harvest row crops. Richard Mayfield, Statesville 704-929-0729.

5-20 ac for long term lease for organic veg. farm, exp. farmer. Tom Kumpf, Garner 919-215-8915.

30+ ac farmland & woodland mix in Chatham, northern Harnett or southwestern Johnston co w/or w/o house & bldgs. Chip Stitt, Cary 919-841-6123.

100 ac farmland in Wake, Johnston or Franklin co for soybeans & wheat, \$75/ac. Bob Atkins, Louisville 919-880-7598.



Livestock For Sale

Jersey cow, \$750. Garner Jarrell, Mt. Airy 336-648-4288.

Blk. Angus heifers, open, ready to breed, \$1,600/ea. & up. Brad Storie, Hamptonville 336-469-1790.

Blk. Angus bull, mixed breed, blk. w/white spotted face, 21 m/o, approx. 900 lbs., good temp., \$2,000. David Lomax, Denton 336-688-5313.

Blk. Angus herd bulls, steers & heifers, Traveler, GT Maximum & 727 Executive bloodline, \$700 & up. Tim Moss, Graham 336-376-3773 between 5-11 p.m.

Llama, male, brown, 1 y/o, \$250. Johnna Watson, Lincolnton 828-404-8186 or 261-5893.

Santa Gertrudis, purebred replacement cattle, polled, reg. & non reg., bulls & heifers, \$1,500 & up. Richard Shaver, Cleveland 704-278-9291.

Reg. Angus bull, 3 y/o, calving ease, aaa#17195029, Bismark, Final Answer & Mytty in Focus on papers, excel. temp. & passes that to calves, \$3,500. Travis Smith, Hollister 252-382-0175.

LIVESTOCK

Reg. Hereford bulls, 09-04-13 & 01-01-14, all easy calving, dark red, all ai/et calves, older bulls passed bse, \$2,500-4,500. James Davis, Lexington 336-247-1554.

Alpine dairy goats, spring kids avail., hand-raised w/cae prev., from heavy/easy milkers, show quality, ADGA reg., \$100 & up. Leon Albright, Thomasville 336-250-7288.

Bred Angus cows, due soon, \$2,250; bred Angus cows, due soon & calf on ground, \$2,850. Jimmy, Snow Camp 336-266-3721.

Nubian goat, gentle, 2 y/o billy w/kids on site, \$150. Chris Spaugh, Clemmons 336-306-2086.

Reg. Angus bull, aaa# 17824830, born 04-14, low birth weight, \$1,600. Greg Collins, Westfield 336-351-4734.

Reg. Simmental bull, dob 02-4-14, calving ease, dna tested, homozygous blk., sired by Stetson, \$2,500. Phil & Jennie Rucker, Hamptonville 336-468-1675.

Kiko/boer 50/50 buck, 5 m/o, \$150. Steve Jones, Thomasville 336-475-6539.

Male mini pot belly pig, 2½ y/o, \$1. Kayla Soffera, Winston-Salem 336-624-3708.

Boer buck, dob 07-11-14, full blood & purebred, tame, all shots, healthy, prod. grand champ last 2 yrs., \$250. Dodd Linker, Clemmons 336-712-2484.

Kiko bucks, high %, all colors, some on farm testing done, good herd sires, \$200; Kiko buck, 100% New Zealand, solid blk., 1 y/o, \$500; Spanish buck, 2 y/o, \$300. Jarod Bowman, Staley 336-736-9314.

Dexters, 5 blk. reg. cows; 2 reg. polled Heifers, 1 red & 1 blk., all bred to reg. red polled bull, due to calve late spring, \$1,000-1,200. Mike Lawing, Charlotte 704-394-2877.

Yorkshire piglets, dob 11-7-14, \$65. Michael Evans, Statesville 704-402-9052.

Angus bulls, 13-14 m/o, CC&7 & Objective bloodlines, easy calving, \$2,100. Kim Starnes, Salisbury 704-637-1805.

Charolais bulls & heifers, 7 m/o & up, \$1,000 & up. Johnny Harrison, Salisbury 704-639-0867.

Semi-Angus bulls, sired by Mytty in Focus, \$3,500 & up. Todd Edwards, Catawba 828-302-2528.

Katahdin ewe, reg., tawney brown, born 04-14, ready for breeding, \$200; Katahdin ram, reg., light tan, born 04-14, good disp., ready for breeding, \$200. Ken Burton, Pisgah Forest 828-862-8286.

Katahdin ewes, \$175. Ellen Harling, Laurinburg 910-276-6072.

Dexter red bull, Buster, dob 10-26-14, polled, pha & chondro free, sired by Daniel Morgan adca# 29002, dam Fireworks, adca# 29728, \$1,200 OBO. William McNichols, Hamlet 910-331-4557.

Reg. Hereford cow, sire w/good epds, \$3,000 OBO; reg. Hereford bull, sire prod. thick calves, quickly maturing, bred to excel on forage only, does well on grain finishing, \$3,000 OBO. Jeremiah Ballance, Newton Grove 910-567-5120.

Kiko billy goats, 1, 23 m/o, 100% New Zealand, not reg., great breeder & req. little worming & hoof trimming, \$250; 5 baby billys, 50-90% Kiko, \$150/ea. Lindy Mcghee, Autryville 910-670-4655.

Nubian bucks; Nigerian dwarf bucks, great lines, \$300/ea. Sue Stovall, West End 910-723-0802.

Texas longhorn bulls, yearling & 2 y/o, \$500-1,500. Charlie Bolton, Pittsboro 919-542-6132.

KuneKune pigs/piglets, sweet & docile mini. pig, matures approx. 80-200 lbs., boars, gilts, piglets, breeding age, disc. for multi purchase, utd vacc., worming, well socialized, \$300 & up. Gayle Wilner, Selma 919-247-0732.

Katahdin ewes, 10 m/o-5 y/o; ram, 5 y/o, \$150-350. Lynn Merritt, Chapel Hill 919-933-0349.

LIVESTOCK

ADGA reg. spotted Nubians, lots of color, nat'l champion bloodlines, Rising Creek/Kastdemur/Pruittville, cae free, \$100-300. Bonnie Allyn, New London 704-798-7015.

Blk. balancer bulls, 6 m/o, Angus ai sired, gelbvieh dems, \$1,700. Justin Ridenhour, Salisbury 704-633-2182 or 239-4032.



Livestock Wanted

Angus heifer calves. Mike West, Asheboro 336-302-5993.

Full blood Dorper or Katahdin ram for breeding; reg. Berkshire piglets, within 100 mi. of Salisbury. Tim Mills, Salisbury 704-633-4276.

Saanean doe in milk, gives approx. 1 gal./day, stands good on milk stand, no horns, \$300-600. Melanie Jacobs, Sylva 828-777-2586.

Tamworth piglets. John Fonville, Raleigh 919-427-3070.



Poultry & Supplies For Sale

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.

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

Guineas & game roosters, 2014 hatch, \$15/ea. Wade Tart, Clayton 919-553-4133.

Birmingham Rollers, performance bred, great spinners, \$20 & up. D.R. Dennis, Randleman 336-498-5034.

Indian ringnecks, yellow, green & white, \$75-250. Roy Helms, Oakboro 980-777-0290.

Peacocks & heritage turkeys, 2014 hatch, Indian blue, blk. shoulder, cameo, opal, narragansett, royal palm, & other toms, \$40 & up. Charles Hennis, Supply 336-215-8067.

Chickens, red sex link & white leghorn, 1/2 y/o laying hens, tame & healthy, \$8.50. Randy Wright, Staley 336-622-2386.

White homers, \$20. Danny Martin, Mt. Airy 336-648-1831.

Pigeons, rollers, all colors, good performers, \$20/pair. Bill Williams, Mt. Airy 336-789-1953.

Poultry litter conveyor, used to load dump trucks/trailers, 33 ft, on wheels, pto driven, \$5,000. Joel Church, Ferguson 336-957-6508.

Silver Sebrights, 2 roosters & 1 hen, \$10/all. Nathan Nance, Asheboro 336-963-0383.

Wood ducks, \$35/pair; pintails, \$60/pair; green wing teal drakes, \$35/ea. Bill Jarman, Gastonia 704-860-2015.

Chukars, 16-18 w/o, healthy, flight developed, \$8. Charles Trivette, Harmony 704-880-7188.

Plastic quail egg trays for Gqf incubator, approx. 40 trays, \$4/ea. Ronald Worley, Swannanoa 828-298-0327 or 606-2400.

Quail, flight & weather cond., \$4/ea.; 500+, \$3.75/ea. George Parker, Lumberton 910-374-8176.

Pharaoh quail, button quail, ducks & chicks, \$1 & up. Gary Campbell, Robbins 910-638-0598.

10 ac w/2 breeder houses, current contract, houses w/all updates, 3 wells, generator, 2 y/o tractor, \$300,000. Karen Hill, Siler City 919-742-0181 or msvesa@hotmail.com.

Chicken houses, 2-40x500 ft, steel trusses, val water drinkers, feed lines, tunnel fans, 4 feed bins, must be moved, \$24,000 OBO. Steve Lancaster, Pikeville 919-778-4417.

Old English bantams, bb reds & millie fleurs; pheasants, yellow gold, red golds, & pure silvers; peacocks, blk. shoulder & blue pieds, \$10 & up. Ronny Pope, Carthage 919-947-1202.



Poultry & Supplies Wanted

Araucana rumpless bantam rooster. Bill Jordan, Statesville 704-873-5581.

Small Animals For Sale

Purebred New Zealand red, white, blue, blk. & broken rabbits, Californian, American, silver fox, English spot, creme & champagne d'argent, ped. avail., \$20 & up dep. on breed, age, sex & quality. Delbert Spillman, Sophia 336-498-7103.

Dutch rabbits, 4 m/o, \$10. Nathan Nance, Asheboro 336-963-0383.

Tennessee redbacks; San Juan rabbits, \$7 & up. Gary Campbell, Robbins 910-638-0598.

Holland lops & lionheads w/ ped., from show stock, bred for excel. temperament, easy to indoor litter train, \$65-75. Donna Cayton, Durham 919-471-6346.

Tennessee redback rabbits, ready 01-15-15, \$10. Tasha Lane, Princeton 919-920-6367.



Seeds & Plants For Sale

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

Peter pepper seeds, \$1/pod; N.C. grown palmetto palm tree seed, \$1/4 seeds + SASE/both. J.R. Anderson, 310 Saddlewood Dr., Goldsboro 27534.

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.

Briarless blackberry bushes, \$5. Glenn McElveen, Garner 919-772-2785.

Leyland cypress, inspected in field, 50, 14 ft; approx. 75, 10-12 ft, good gravel rd. access, \$25/ea. 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 & scuppernon plants, healthy, potted, 5-6 ft tall, planting & trimming instruct. incl., \$15. Bob Whitaker, Mocksville 336-469-4822.

Leyland cypress & green giant trees, 1 gal. pots, \$3/ea. John Hood, Browns Summit 336-601-7502.

Japanese maples, unusual conifers, ginkgos & other trees/plants, \$3-300. Jim Holland, Lewisville 336-813-5543.

Green giant arborvitae, 1 gal. pot, 20-24 in. tall, 550 avail., \$4/ea. Webster Irving, Stoneville 336-932-0256.

Sawtooth oak seedlings, great for wildlife plantings, fastest oak to prod. acorns, fast growing, 1-2 ft, \$0.75; 2-3 ft, \$1; 3-4 ft, \$1.25; field grown trees, red maple, sugar maple, redbud, forest pansy redbud, Jane magnolia, red cedar & others, 3-3 1/2 in., \$50. Glen Parker, Mooresville 704-677-3458.

Privacy trees, incl. deliv., installation, fert. & mulch, leyland cypress & green giant trees, 3 gal. 2-3 ft, \$20; 7 gal. 4-5 ft, \$40. Wayne Graham, Salisbury 704-680-8828.

Old timey little white cucumber seeds; dill seeds, \$1/tsp. + SASE. Jim Bostian, 6235 River Bend Rd., Claremont, NC 28610.

Various nut trees, magnolia, mulberry, red bud, mt. cherries, sour cherries, herbs & shrubbery in pots, \$5-20. Hellen Poole, Granite Falls 828-728-9420.

Peach trees, budded on Halford root stock, Windblow, Contender & China Pearl, \$4-10/ea. Danny Bynum, Ellerbe 910-334-4946.

SEEDS & PLANTS

Camellia japonica, asst'd colors, \$5/ea.; camellia sasanqua, \$4/ea.; azaleas, asst'd colors, \$10/5; cabbage plants, all seasons & early Jersey, \$10/100. Jim Gibson, Ellerbe 910-652-6154.

Chestnut trees, 3 gal. pots, 2 y/o, \$18/ea. Harold Davis, Wilmington 910-791-2333.

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



Seeds & Plants Wanted

Green giants, field grown, 8-10 ft & 10-12 ft. Webster Irving, Stoneville 336-932-0256.



Supplies For Sale

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

Birdhouses, bluebird, bat, hawk, owl, ducks, juniper & western red cedar, \$15 & up. Julian English, Bladenboro 910-648-4420.

Irrigation system w/T453 Detroit diesel eng., Berkley model B4EYQBH, Champions 5 in. & 4 in. 30 ft pipe, t's & elbows, 13, 80E sprinklers, set btwn. pipe like gun, 2, 30 dt pipe trailers, \$15,000. J.W. Pearman, Reidsville 336-394-7295.

Continental red seal power unit, 2,000+ ft irrigation pipe & pipe trailer, \$1,800. Marvin Laster, Elkin 336-366-2788.

Fuel storage tank, 8,000 gal., steel, plastic coated w/anode bar, above/below ground, \$3,500. Robert Humbles Sr., Ayden 252-717-0764.

Comm. veg. coolers, curved glass front sliding doors on rear, \$300/both; Rainsoft water treatment system, UC, \$75. Larry Price, Monroe 704-283-6374.

Cast iron joiner, 6 in., blades never sharpened, metal stand, \$225 OBO. Donald Wood, Salisbury 704-636-2618 before 9 p.m.

Feed bins w/clear boot, 14 ton \$1,500/ea.; \$3,800/3; JD generator, 670 hrs., self-contain & transfer switch, \$4,500; L.B. White heaters, \$175/ea. Larry Martindale, Robbins 910-690-0660.

Oil drums w/stand, 275 gal., good for oil/cookers, \$150/ea. John Hood, Greensboro 336-621-4954.

Plastic barrels w/lids & rings, \$15/ea.; water/oil totes, 275 gal., \$75-100/ea.; metal burning barrels, \$12/ea.; metal oil tanks, 250 gal., \$75/ea. Jeff & Lisa Brittain, Hickory 828-327-4782.

XL walnut stumps, recently dug; wild cherry stump, \$100/ea. Ed Easley, Walnut Cove 336-591-5050 or 817-1453.

Galv. barb wire, no rust, lg. roll, \$50; small roll, \$40; creosote fence posts, all sizes, \$1.50/ea. F.D. Rivenbark, Willard 910-259-2717 or 540-7161.

Gen. transfer switch, 60a, 240v, dp dt, NC, \$75. David Bryant, Madison 336-908-2447.

Butler bin, 2800 bu., \$2,500. Johnny Harrison, Salisbury 704-639-0867.

Onan gen., 25w, 3 phase & single phase, auto. transfer switch, 200 amp, lp gas, EC, used 37 hrs., \$5,900. Darrell Young, Greensboro 336-312-2279.

Neuro 675 grain vac w/extra piping, GC, \$4,500. Cody Clodfelter, Kernersville 336-345-0757.

Round bale feeders, 8 ft, GC, \$175/ea.; \$450/3; feed troughs, 10 ft, \$50/ea.; creep feeders, 500 lb., \$125/ea.; head/squeeze chute, LNC, \$1,800; corral panels, 12 ft, GC, \$75. L.B. Bond, Dobson 336-374-0103.

Generac 15kw gen., needs rotor/stator & starter for eng., VGC, \$400 OBO; slide in pesticide sprayer, 4 hp Honda, 100 gal. tank, elect. reel w/300 ft hose, manuf. by H&H, \$800. Kendall McCarter, Greensboro 336-382-1686.

FARM SUPPLIES

Log tobacco barns, 4; log cabins, 2, \$9,000. Richard Johnston, Providence 336-388-2070.

Hardwood fine sawdust & shavings, approx. 10 trailer loads, must provide own equip. for removal, Mon.-Sat., 8 a.m.-5 p.m., \$5,000 OBO. Elizabeth Gonzalez, Yadkinville 336-463-2422.

Pallet recycler tool, take apart pallets w/o damaging lumber, replaces crow bars & saws, \$75 + \$25 shipping. Jerald Daily, Jamestown 336-558-2689.

Timberline wood stove, 1/4 in. steel, fire brick lined, 35 in. high, 40 in. long, 20 in. wide, \$175. R.D. Altemus, Germantown 336-591-7094.

Hydr. apple tree pruner, \$115. Athony Spencer, Reidsville 336-616-1366.

Cedar fence posts, 7 ft, round & split, \$4-7. Steve Miller, Lexington 336-764-2405.

Aermotor windmill, 8 ft wheel, 30 ft tower, \$2,400. Hal Garmon, Davidson 704-363-6059.

Oak boards, 42 pcs., full cut, 2x6x12, air dried & stored inside, \$500 OBO. Tom Corriher, Mt. Ulla 704-638-0948.

Gourds for crafts & birdhouses, \$1/ea. Jim Bostian, Claremont 828-459-9276.

Blk. locust fence posts; firewood, \$5-120. Gina Teague, Granite Falls 828-493-2404.

Rail fencing, 2 hole locust line posts, \$7.50/ea.; saw split 11 ft hemlock rails, \$6/ea.; others avail. Eddie Moretz, Deep Gap 828-963-0883.

Bobcat welder, 225g cc/cv-ac/dc, 8000w gen. w/75 ft leads, \$1,600. Tommy, Richlands 910-358-1364.

Barn on rock found., 100 y/o, buyer tears down, cleans up & keeps all wood, \$5,000. Lee Ann Kimble, Troy 910-571-2058.

Nursery pots, 1 gal., \$0.10/ea.; 3 gal., \$0.25/ea. Jim Gibson, Ellerbe 910-652-6154.

280 & 150 gal. tank on legs, good for storage of diesel, kerosene, or gas, \$50/ea. Earley Wilder, Zebulon 919-365-3939.

Champion 400 blacksmith forge, stands 3 1/2 ft, GC, \$500 OBO. Samuel Phillips, Graham 919-770-8084.

Martin gourds, apple gourds & gourds for crafts, \$1.25 & up. Glenn McElveen, Garner 919-772-2785.



Supplies Wanted

Blk. walnut cracker. Joseph Wright, Franklinton 919-494-2244.

Salem Iron Works machinery planers, sawmills, etc. Leonard Bruff, Lexington 336-474-0993.

Cattle head gate, man./auto., reasonable price, within 75 mi. of Eden. Ernest Pinnix, Eden 336-627-9303.

Creep feeder w/calf cage, 150 bu, portable/stationary, no holes, GC. Norris McConnell, Mt. Ulla 704-397-6262 from 7 a.m.-7 p.m.

Blk. locust timber. Gina Teague, Granite Falls 828-493-2404.

Sheep/goat handling system, panels, gates, scale/turn table, sep. or whole system; unused field fence, 330 ft rolls, need approx. 10. Ginger Bruton, Hampstead 910-262-5251.

Feed grinder/mixer, UC; NH 352-355, Artsway, Farmhand, etc., UC. Jonathan Sedberry, Mt. Gil-ead 910-573-0141.

Cattle head gate, GC. Graham Avent, Sanford 919-258-3579.



Trucks & Trailers For Sale

Truck tires, 31.5-80-22.5, 60% rough tread, tire & rim, 4 avail., \$75/ea. B.M. Kiger, Tobaccoville 336-983-2689.

Tilt-bed trailer, heavy gauge steel bed, 12x5 ft, 2 wheel, 8 ply tires, \$2,800. Kirby Brock, Wade 910-483-8449 or 818-3677.

Goodyear tires, 14.00x20 in., 18 ply, 4/set, 1/2 tread, \$40/ea. Gerald Fox, Taylorsville 828-612-2407.

TRUCKS & TRAILERS

1986 Hudson tri-axle deck over trailer, 8x20 ft, NC oak floor, pintle hitch, \$2,500; custom built trailer, 6.6x16 ft w/2 in. expanded metal sides, \$2,000; 1997 Chevy Kodiak 10 ft box dump truck, #116 Cat eng., \$9,500. John Holton, Statesville 704-902-0856.

1987 Ford F150 w/138,258 mi., GC, \$2,500; 1990 Ford F150 Lariat w/25,897 mi., LNC, \$8,000. Claude Hamlett, Leasburg 336-694-6874.

1973-79 Toyota Corolla pickup parts, windshield, rear glass, side windows, 4 spd. trans., \$200 OBO. Donald Wood, Salisbury 704-636-2618 before 9 p.m.

1982 Ford F700, cab & axle, 2 spd. axle, 3208 Cat, \$2,150. Benny Myers, Salisbury 704-633-3962.

2015 Calico stock trailer, 16 ft, \$5,150. H. Davis, Elon 336-260-7606.

1975 Ford F600 flatbed dump w/4 ft metal sides & tailgate, new Jasper eng., shed kept, GC, \$5,000. Boyd Lockhart, Semora 336-234-8518.

1998 Ford F250 XL, white, reg. cab, long bed, good farm truck, \$2,900. Mike West, Asheboro 336-302-5993.

2002 Dodge 3500 ho, diesel, 6 spd., 243K mi., ext. cab, goose-neck hitch, no rust, SLT pkg., dual wheel, \$11,400. Chris Hicks, East Bend 336-699-2885.

1997 GMC Sierra 2500 HD truck, 2wd, ext. cab w/2 doors, new tires, shocks & brakes, 180,250 mi., long bed w/camper topper, GC, \$4,750. Danny Snider, Linwood 336-752-2667.

2008 Ford F250SD, 6.4 powerstroke, auto., reg. cab, 8 ft bed, \$8,950; 2013 Dodge Ram 1500, crew cab, loaded, hemi, auto., blue, 19K mi., LNC, \$25,000; 16 ft flat bed trailer, \$1,750. Larry Mills, Monroe 704-282-0108.

Hudson tilt equip. trailer w/winch, 14 ton, 8x20 ft, EC, \$5,000. Randy Clontz, Indian Trail 704-634-5910.

2006 Supreme bumper pull livestock trailer, 10 ft, used for hauling goats, GC, \$3,200; 1972 F100 long bed, new trans. 2008, some rust, eng. runs great, \$3,000. Velvet Sims, Catawba 828-244-2374.

1990 Ford truck, long bed, 4x4, 5 spd., new tires, \$2,000. Henry Currie, Ellerbe 910-334-4040.

1977 custom 8,000 gal. tanker, set up for sludge; 1980 Hudson 10 ton tilt top trailer, \$12,000. Robert Cannon, Beulaville 910-389-3509.



Trucks & Trailers Wanted

Single axle trailer, 6x10 & up. Arron Lamar, Snow Camp 336-212-9726.

1952 Int'l tailgate w/mounting hardware, 1/2 ton pick-up. M. Hill, Handy 336-859-9179.

Livestock trailer for 1-2 cows, any cond. Randy Harvell, Mt. Gil-ead 910-220-9318.

Hydr. dump trailer, HD, 5x8 ft or 6x10 ft, GC, reasonable price. Doug Chappell, Wake Forest 919-266-2201.

All alum. cattle trailer, goose-neck, 10-15 ft, manuf. in last 5 yrs., rd. ready, GC. Neil Frank, Rougemont 919-479-1256.

Trailer, 6 ton, 24 ft, will consider recond./refurbished, hitch can vary. Anthony Ragland, Sanford 919-776-1415.

1966 Ford F750 truck. James Harris, New London 980-581-0308.

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

Pollinators

(Cont'd from pg. 1)

on their own land and use the techniques to help improve the number of pollinators.”

There will be more outreach efforts in the coming year to explain ways that landowners can join the effort, Troxler said. Three points for growers to consider: recognize native pollinators and pollinator habitats already on the farm, adapt existing farm and land management practices to avoid causing undue harm to pollinators, and provide habitat for native bees on and around the farm.

Several NCDA&CS divisions are actively involved in increasing habitat and support-



We may be familiar with seeing bees outside around plants, but these insects even work inside. A farmer in Harnett County uses bees inside his greenhouse to pollinate tomato plants and other vegetables.

ing pollinators, in cooperation with university researchers and other state and local partners:

- The Plant Industry Division inspects honey bees for diseases, and offers educational workshops and consultations for beekeepers.
- The Structural Pest Control and Pesticides Division educates consumers and farmers on proper pesticide usage.
- The Agronomic Division helps farmers improve management of land to maintain effective habitat areas.
- The Research Stations Division is planting pollinator habitats on the state's 18 research stations using a variety of farm-friendly flowering crops. In cooperation with these efforts, N.C. State University researchers are working on best practices for

these habitats.

- The N.C. Forest Service has pollinator gardens and wildlife food plots at many state educational forests and are working to find ways to support even more pollinators.
- The Division of Soil and Water Conservation helps farmers and landowners incorporate pollinator habitat areas into best management plans through consultations and cost-share programs.

For more information about pollinators, a list of resources and ways to increase bee habitat on the farm, go to <http://www.ncagr.gov/pollinators/>.

Delicious, blue-ribbon-winning recipes from the N.C. State Fair

Caramelized Pork Sliders recipe from the Tar Heel Pork Challenge contest

Julia Truelove of Raleigh won first place and \$200 for her Caramelized Pork Sliders recipe in the N.C. Pork Council's Tar Heel Pork Challenge.

All entries had to include at least 4 ounces of pork. Entries were judged on taste appeal, appearance, creativity and ease of preparation.

Caramelized Pork Sliders

For the pork:

2, 1-pound pork tenderloins, silver skin removed
 ¼ cup brown sugar
 ¼ cup country Dijon mustard
 4 cloves garlic, minced
 2 tablespoons olive oil
 1 tablespoon apple cider vinegar
 Salt and pepper

For the topping:

2 tablespoons butter
 3 yellow onions, thinly sliced
 3 Serrano peppers, seeded and chopped
 ½ cup brown sugar
 2 tablespoons apple cider vinegar
 1 teaspoon salt

Other:

18 dinner rolls, split
 2 large apples, peeled, cored and sliced

In a gallon sized zip top bag, mix ¼ cup brown sugar,

mustard, garlic, olive oil and 1 tablespoon vinegar. Season the pork tenderloins with salt and pepper and add to bag. Seal the bag and shake to coat the pork. Refrigerate and let marinate at least 2 hours. Remove from refrigerator about 20 minutes before you are ready to cook.

Preheat oven to 450 degrees. Place the pork tenderloins on a rack placed on top of a cookie sheet and roast for 25 to 30 minutes, turning occasionally, until the pork reaches an internal temperature of 140 degrees. Transfer to a cutting board and allow to rest 10 minutes.

Meanwhile, in a large saute pan over medium heat, melt the butter and add the onions and peppers. Allow to cook for 10 minutes, stirring occasionally to keep them from burning. Add the remaining ½ cup brown sugar, vinegar and salt. Cook until the liquid evaporates, about 20 minutes, stirring often.

To assemble the sliders, slice the pork into 1-inch-thick slices. Stuff each roll with a slice of pork, a slice of apple and a spoonful of caramelized onions and peppers. Serve immediately. Serves 6.

Peanut Butter Bacon Cannoli is a winner

A Peanut Butter Bacon Cannoli by Gail Fuller of Raleigh took first place and \$200 in the N.C. Peanut Growers Association's Peanut Appetizer Contest at the N.C. State Fair.

Entries were judged on taste and flavor, creativity and ease of preparation.

Peanut Butter Bacon Cannoli

1-pound package sliced bacon (12-14 slices)
 ¼ cup 10x powdered sugar
 ½ cup smooth peanut butter
 4 ounces whipped topping
 2 ounces cream cheese
 2 tablespoons chopped peanuts for garnish

Preheat oven to 375 degrees.

Line a baking sheet with foil.

Using cannoli tubes or rolled heavy duty aluminum foil tubes, wrap one slice of bacon tightly around tubes, overlapping edges.

Bake for 20 minutes or until bacon is crisp.

Let cool for about 20 minutes. Gently slide bacon tubes off the forms.

While bacon is cooling, mix together cream cheese, peanut butter and powdered sugar until smooth. Fold in whipped topping. Spoon mixture into pastry bag or sandwich bag with the corner snipped off.

Pipe peanut butter mixture into the bacon tubes. Garnish.

Peanut Butter Cup Chili recipe takes top honors in N.C. Cattlemen's Beef Council's Chili contest

Julia Truelove of Raleigh won \$200 for her Peanut Butter Cup Chili recipe in the N.C. Cattlemen's Beef Council's Chili – Not Just for Cowboys recipe contest.

Recipes had to use beef as the meat ingredient. Entries were judged on taste, creativity and appearance. The winning recipe follows:

Peanut Butter Cup Chili

2 pounds ground beef (chuck or sirloin)
 2 tablespoons olive oil
 2 teaspoons kosher salt, divided
 2 medium onions, diced
 6 cloves of garlic, minced
 1 jalapeno, seeded and minced
 1 cup raw peanuts, shelled, blanched, peeled and roughly

chopped
 1 tablespoon chili powder
 1 tablespoon ancho chili powder
 2 teaspoons ground cumin
 2 teaspoons dried oregano
 1 teaspoon paprika
 ½ teaspoon cayenne pepper
 ½ teaspoon black pepper
 1 14.5-ounce can diced tomatoes
 1 14.5-ounce can beef broth
 3 ounces dark chocolate
 2 tablespoons brown sugar
 ¼ cup creamy peanut butter
 Sour cream
 Chopped green onions

Sprinkle the ground beef with 1 teaspoon salt. Brown the meat in olive oil in a large Dutch oven or heavy saucepan over medium-heat. Drain all but 2 tablespoons of drippings from the pan and add

onions. Saute the onions until translucent, then add garlic and jalapeno. After 1 minute, add the remaining teaspoon of salt, spices, peanuts, tomatoes, beef broth and chocolate. Stir well, bring to a simmer, and reduce heat to low. Continue simmering, stirring occasionally for 1 hour and 15 minutes. Add additional beef broth or water to the pot if it begins to get too dry.

Remove about a ½ cup of liquid into a heat proof bowl. Stir the brown sugar and peanut butter into the bowl of liquid until smooth, and then return to the pot. Stir, add salt and pepper to taste, and heat. Serve with sour cream and green onions.

Pecan Kisses recipe wins judges hearts

Isabella Lambeth of Wake Forest won \$100 for her Pecan Kisses recipe in the N.C. Pecan Association Pecan Recipe Competition.

All entries had to include at least one cup of pecans that have been grown in North Carolina.

Entries were judged on taste appeal, appearance, creative use of pecans and ease of preparation. The winning recipe follows:

Pecan Kisses:

Makes: 2 cups of kisses

Preparation Time: 10 minutes

Cooking Time: 30-minute cook time plus 30-minute rest time

1 egg white (beaten stiff)
 ¾ cup packed brown sugar
 1 teaspoon pure vanilla
 2 cups of pecan halves

Mix together beaten egg white, brown sugar and vanilla. Drop pecan halves in the wet mixture to cover completely. Take pecans out individually and place on a greased 17 1/4 x 11 1/2 x 1 inch baking sheet 2 inches apart. Bake at 250 degrees for 30 minutes. After 30 minutes, turn off oven and leave pecan kisses in the oven for an additional 30 minutes. Take out of oven and place in bowl.

Winning Chipotle Benedict with Crispy Cheddar Grit Cakes recipe

A Chipotle Benedict with Crispy Cheddar Grit Cakes by Amanda Boury of Raleigh took first place and \$250 in the House-Autry Mills Kiss My Grits Contest at the N.C. State Fair.

Entries were judged on taste and flavor, creativity and ease of preparation.

Chipotle Benedict with Crispy Cheddar Grit Cakes

1 package of House Autry Cheddar Dinner Grits
 2 tablespoons butter
 ¾ cup unsalted butter
 3 egg yolks
 1 tablespoon water
 1 tablespoon lemon juice
 Salt and pepper
 1 teaspoon (or up to 1 tablespoon) chipotle peppers in adobo sauce
 6 eggs
 Beef brisket

Make grits according to directions. Spread out into a cake pan and let sit until cooled. Use biscuit cutter and cut out 3-inch round circles. Melt butter in sauce pan, fry the grit cakes until brown and crispy. Combine egg yolks, lemon juice and peppers. Cover and blend for about five seconds.

Place the butter in a glass measuring cup. Heat butter in the microwave for one minute, or until completely melted and hot. Set the blender on high speed and pour the butter into the egg yolk mixture in a thin stream. It should thicken almost immediately. Keep the sauce warm until serving. Poach eggs until medium-hard or about four minutes.

Place beef brisket on top of a grit cake, then an egg, top with chipotle hollandaise sauce.

Wheat needs nitrogen in spring; submit samples now

The N.C. Department of Agriculture and Consumer Services reminds growers that properly timed spring nitrogen applications are essential to the growth and development of wheat. Assessing nitrogen needs now will optimize yield later.

To decide how much spring nitrogen to apply, wheat specialists advise submitting two samples of wheat leaves to the department's Agronomic Services Division for testing. One sample will be used to measure plant nutrient content, the other to measure biomass. Both tests are necessary to obtain the most precise recommendation. The fee is \$5 per sample for N.C. residents and \$25 per sample for residents of other states.

"Tissue sampling should be done when wheat reaches Zadoks growth stage 30 (GS-30)," said Michelle McGinnis, the division's field services chief. "To determine growth stage, wait until wheat begins to stand up tall and straight.

Then pull several plants, split the stems from the top to the base and look for the growing point. Before GS-30, it will be just above the roots; at GS-30, it will have moved about one-half inch up the stem (Figure 1)."

Agronomists expect most wheat in the eastern and piedmont regions of the state to reach GS-30 sometime in early

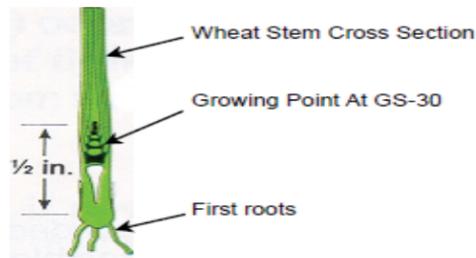
to mid-March. Applying nitrogen earlier than that could cause tender new growth that would be susceptible to injury during cold snaps. On the other hand, waiting until after jointing increases the chances of damage by application equipment.

"Once GS-30 is reached, growers should immediately collect tissue samples and matching above-ground biomass samples," McGinnis said. "This is especially true if wheat is lush due to warmer weather or early planting dates. If the crop's need for nitrogen is not met at this time, then tillers will abort and yield will be reduced."

To tissue sample, cut wheat plants about one-half inch above the ground in 20 to 30 representative areas throughout a field. Generally, two large fistfuls of leaves will make a good sample. Remove dead leaves and weeds before placing the sample in a paper bag.

A biomass sample, on the other hand, should contain all the above-ground wheat-plant tissue from one representative, 36-inch section of row. In broadcast fields, collect all the plants from one square yard. Place the sample in a paper bag, and write the sample ID from the corresponding tissue sample and the word "biomass" on the bag.

Collecting biomass samples has only recently become part of the nitrogen determination process. Dr. Randy Weisz of N.C. State University developed a method of using biomass weight along with tissue test results to calculate more site-specific nitrogen recommendations. His approach takes into account crop growth differences due to planting date, row spacing and moisture levels. For wheat grown on large acreages of poorly drained soils, however, growers should consult



The growing point will be dark green, about 1/8 inch long, look like a tiny pine cone, and prior to GS-30 be at the very base of the stem next to the first roots. At GS-30 it will have moved 1/2 inch up the stem.

Figure 1. Location of wheat growing point at GS-30.

with an agricultural adviser about whether this method is likely to be useful.

Upon receiving the NCDA&CS plant analysis report, growers should first look for the biomass and nitrogen percentage values. These values and certain crop planting details help determine the appropriate nitrogen rate, based on Weisz's interactive tool. This method is explained fully online at www.smallgrains.ncsu.edu/_Pubs/PG/Nitrogen.pdf.

North Carolina growers wanting more information about this method should contact their regional agronomist, county Cooperative Extension agent or other agricultural adviser. Regional agronomists, in particular, can offer advice on how to collect and submit tissue and biomass samples, and how to interpret and use plant analysis report data. Contact information is available online at www.ncagr.gov/agronomi/ra-home.htm.

AgroTips

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

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

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

Remember to check for nematode problems during crop harvest.

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

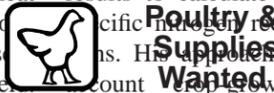
Nematode populations peak at the end of the growing season so samples assayed at this time provide an accurate description of potential hazards. If you submit samples in the fall, you will have time to plan a management strategy.

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

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

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

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



HORSES

HORSES

HORSES WANTED

FARM EQUIPMENT

FARM EQUIPMENT



**Horses &
Supplies
Wanted**



**Equipment
For Sale**

FARM EQUIPMENT

Caretree tree spade GC, \$1,200. Doug Fulp, Kernersville 336-996-6081.

Holland carousel tobacco planter, 6 pockets with fertilizer hoppers, 3 pt hitch, planted less than 100 ac, \$1,200; Green wheeler racking table for Powell racks, \$200. J. B. Brogden, Oxford 919-528-1214.

4400 JD combine with 213 grain and 444 corn heads, been sheltered, diesel, 6 cyl engine, runs good with AC, \$3,900. Gene Page, Elon 336-421-3515.

74 Intern'l tractor cab, Ronks 60m, \$800. Frank Holland, Cary 919-362-6156.

5 ft rototiller 3 pt hitch, slip clutch on PTO shaft, \$600. Bruce Snider, Denton 336-859-2492.

500 Intern'l dozer, 70% undercarriage, GC, \$6,500. Joel Barker, Jefferson 336-982-3703.

Lazy Boy 3 spd, hvy duty rear tine garden tiller, 5 hp, EC, \$400; 40 ft, 6" wide fiber drive belt and pulley, \$65. W.T. Norman, Sandy Ridge 336-871-2093.

MF tractor deluxe diesel mow-power, 1960's, turn plow, set of disc, cultivator, boom pole, scrape blade w/equipment, \$4,500 or w/o equipment, \$3,500. Julian Griffin, East Bend 336-699-4613.

1982 John Deere 450c loader 4 in1 bucket good under carriage, rails and sprocket put on two years ago, new battery and starter, \$17,500. Mark Gibbs, Reidsville 336-349-6055.

Star model 1000 pine straw, straw baler, 3 y/o, EC, \$9,500; tobacco plant hand setters, \$75/ea. Michael Nardo, Jackson Springs 910-281-3522.

1030 Ditch witch trencher, shed kept, LNC, one owner, \$8,000. Al Cobb, Mocksville 336-492-7364.

273 NH baler, \$3,000; 57 NH rake, \$1,200; Kuhn disc mower, 8 ft, \$3,500. Garner Jarrett, Mt. Airy 336-352-3491.

1950 Farmall Cub fully restored with sickle mower, \$4,200. David Creason, Asheboro 336-626-4784.

BAC, some equipment, \$1,400. C.D. Vernon, Reidsville 336-349-3977.

JD Gator ATV, 6x4, diesel, utility vehicle, EC, \$6,900. Paul Poole, Wendell 919-266-1369.

97 Woodmizer portable sawmill Lt40 hyd super with computer, includes all support equipment, metal detector, blade sharpen, extra blades, etc., all you need, GC, works great, \$25,000. Ben Atkins, Pikeville 919-734-0939.

Aspen commercial wood chipper 6x12 feed, Ford commercial 6 cyl engine, factory overhauled, new radiator, hand clutch, ball hitch, good tires, turn signals, brake lights, \$3,500. Denny Rollins, Mocksville 336-492-7223.

NH 411 discbine parts front gear box, \$500; front drive shaft, \$300; rear drive shaft, \$350; roller, \$300. Ken Parker, Albemarle 704-982-9000.

Farm wagon EC, \$1,000; 3 pt hitch hay tedder, \$400. Lee Bame, Jr., High Point 336-668-2286.

5 ft Woods finish mower, new blades, belt, 3 pt hitch, PTO driven, \$850. Gary Weaver, Mebane 919-563-1078.

Deyta Super \$1,500. Willard Watson, Walkertown 336-817-8732 or 595-8242.

MF 1835 sq baler, LNC, \$13,900. J. Lloyd Mabe, Danbury 336-593-8088.

Intern'l 574 tractor tractor and 3 16" bottom plows, GC, \$6,500. Cal Jeffries, Mebane 336-421-9967.

Bush Hog 42" Rhino, EC, \$200. Robbie Harris, Mebane 336-693-0614.

Boom Pole LNC, new paint, \$75. Tommy Branch, Kannapolis 704-239-2763.

9N Ford with belly mounted woods L59 finish mower, ready to mow, \$3,200. Dennis Slate, Germantown 336-591-5884.

Caterpillar 2003 Track Excavator, 1,465 hours, enclosed cab w/ original Cat equipment heat, radio am/fm, lights, and wipers, great for landscapers, \$23,500. Cindy and Richard Morgan, Eagle Springs 910-948-4238.

FARM EQUIPMENT

1972 pan/scrapper Cat 613, running condition, \$8,000. Charlie Martin, Roxboro 336-599-0683.

1958 JD 620 ps, live pto, 3 point hitch, fenders and weights, \$6,500. D. J. Stack, Colfax 336-993-2604.

New Holland 354, feed grinder/mixer two screens, works good, \$1,500. Chad Mcswain, Lawndale 704-477-7793.

Tractor top link, heavy duty, new, Frame x brand #03477, 1 1/4" attachment holes, extends 25" to 34" \$45. R. Jackson, Clyde 828-627-3998.

John Deere H Tricycle 1944 (lowest production year) hand crank with good rubber and restored about 10 years ago, \$3,450. M. Phillip, Denver 704-408-1058.

Golf cart, E-Z GO, 1996, GC, \$950. R. Harris, Mebane 336-693-0614.

2003 Honda Forman 450 4 wheeler, part time 4x4, one owner, front and rear racks, hitch, red, \$3,000 nego. M. Josh, Winston-Salem 336-577-3266.

John Deere 5105, MFWD, 521 loader, canopy, 1 set remotes, 1,200 hours, 40 pto hp, \$13,000; John Deere 5603, 150 hours, MFWD, cab, loader, 82 PTO HP, 2 sets remotes, LNC, \$38,500. R. Holman, Granite Falls 828-728-8116.

Hired Hand agricultural heater, 75,000 btu, LNC, \$225; Bador 2 HP electric motor, GC, \$100.00. Danny Jackson, Dunn 910-567-6909.

New Holland 630 round baler 4x4 bales, GC, always sheltered \$6,750. Jim Long, Kannapolis 704-932-0503.

Massey Ferguson LNC 231s, only 370 hrs, \$11,500. Hunter Choplin, Norlina 252-425-7304.

1949 8n red belly, many new parts, runs great, needs paint, \$2,000. Scott Carter, China Grove 704-856-8312.

Kubota 121-2 mini-excavator, rubber tracks, backfill blade, work ready, \$10,200. Danny Sidden, Mount Airy 336-401-1279.

Vicon sp 471 square hay baler, GC, \$2,500. Brad Moore, Liberty 336-622-5618.

1968 Ford backhoe front end loader, working in 07 engine got a rod knock, complete, \$2,500, tractor only, \$1,200; backhoe, \$1,700; loader, \$1,500, will part out tractor. Ray Milosh, Pittsboro 919-444-9416.

79 M Farmall 140, cult., fert., no leaks, original seat, VGC, \$3,900. Vernon Lovin, Hamlet 910-205-3737.

Cat D6B dozer 44 A series, direct start, straight blade w/man. Tilt, \$9,000. Todd Moore, Cleveland 704-278-1292.

NH 273 sq baler, JD 260 disc mower, NH 4 basket tedder, NH 451 rake, \$5,000/for all or will sell separate. Russ Brock, Mt. Olive 919-738-8341.

Two grain bins 11,500 bu ea; 6 grain bins 3,500 bu ea, two U troths 92' and 74' long, \$5,000 nego. Maxine Cartwright, Watha 910-285-2576.

Tillage tool, 9 ft, GC, \$275. Scott Brady, East Bend 336-961-3011.

Snowco 8 in X 60 ft transport auger, GC, \$2,500. Dennis Loflin, Denton NC 336-250-3861.

Front end loader fits 3020 John Deere bucket and bale spear included, GC, \$2,100. Tommy Smith, Concord 704-361-4197.

AC model 200 diesel tractor, 100 hp, with 4/16 bottom plow, \$12,000 nego; Hardy 300 gal. gun type pto spray, \$1,500 nego. R.E. Marshall, Taylorsville 828-632-3801.

10 ft Sidewinder Bush Hog GC, trailer type, heavy duty aircraft tires, can use on site, \$2,800. Stephen Shore, Thurmond 336-926-6243.

New Holland 617 disc mower EC, \$5,000. Buster Johnson, Fuquay Varina 919-796-4298.

Tractor tiller 8-1/2 ft Howard Tiller, \$2,800 OBO. Carl D. Spivey, Reidsville 336-361-0111.

John Deere 30 combine, in shed, VGC, John Deere disc, pull type, hyd. pick-up, floating disc, \$300.00 - \$600; John Deere 8200 drill, 18 drop, used 2009, \$1,500. Jon Beaver, China Grove 704-239-6322.

FARM EQUIPMENT

1996 Massey Ferguson 383 tractor, dual hydraulic remotes, rowcrop front end, high clearance, 3,795 hours, tires almost new, fiberglass canopy sun roof, \$9,000. William O. Boone, Sr., Willard 910-289-0580.

Wagon or trailer hitch for square baler comes with bale extension, NH or International balers, \$100. Jeff Greene, Lenoir 828-757-0948.

John Deere 45 combine cab 10' header good condition used this year gas engine. \$2,000; 49 John Deere A dual fuel some 1952 John Deere B, \$3,000/for both. Johnny Wilson, Sawmills 828-312-3080.

1690 Case Tractor 110hp, GC, \$8,000; New Holland Extras baler EC, \$9,500. Dwayne Helms, Sherrills Ford 828-478-3620.

ATV-06 ARTIC CAT 400 Auto, 4 Wheel Drive 500 miles Extras Lime Green LNC, \$3,500; 2007 New Holland DA-45 w/loader, 4 wheel drive, Hydro, Ind Tires (loaded) 400 hours LNC, \$18,500.00. Jim Barham, Madison 336-427-7600.

Massey Ferguson 255 diesel, 52 hp., hydraulic 3 pt. hay spear, 9 ft. scrape blade and NH Model 847 round baler. \$750- \$6,000. Bonnie McDowell, Providence 336-388-0254.

9 Shank tiller, EC, like new feet, \$325; GN deckover trailer, 18 ft, 4ft dovetail, toolbox and fuel tank, \$3,000. M. Josh, Reidsville 336-932-9112.

Oliver 550 diesel, with front end loader off tractor, remote outlet, power steering, 1962 model, VGC, \$5,000 or will trade on 1550, 1650, 1750, or 1850 that is in good shape. Bill Johnson, Sims 252-235-2311.

9 shank chisel plow, 3-pt. hitch, high clearance, \$800. Derrick Bass, Statesville 704 902 3950.

2002 Blue E-Ton Viper 90 Four-Wheeler ridden very little, \$1,300; Jaderloon Greenhouse Frame 18X36 with heater, anchors, driver, shade cloth \$1,800. Jim Doby, Hamlet 910-582-6677.

2008 MF 1533, 50 hours. comes with front loader, includes auger, box scraper and 5' mower, \$16,500 OBO. Robin McGehee, Louisburg 919-496-9845.

2005 5425 John Deere tractor 600 hours including JD 542, JD MX-6, JD 620, WR Long root grapple, Frontier RB 2308, spreader, \$35,000 OBO. Justin Huntley, Wadesboro 919-630-5577.

Allis Chalmers no-till planter, ground-driven fert. box, and various other parts, \$250. Bo Weavil, Winston Salem 336-847-0671.

1979 Komatsu D65-E bulldozer, 11' straight tilt blade-cummings engine-40,000 lb machine-good under carriage-runs good, \$6,000. Jason Gurley, Gold Hill 980-521-5169.

2003 CAT 257B Skid Steer. Tracks (new). Enclosed cab (missing door), has heat. General purpose bucket, pallet forks, hydraulic auger with 36, 18, and 8" bits. All in great condition, \$30,000. Scott Derby, Durham 919-616-4455.

Model 100 manure spreader been well kept, stored under shelter, used 2 yrs, no problems, works great, \$500. Teresa Reiser, Maiden 828-428-2800.

Kubota mini excavator 12 in. digging bucket, runs and works good, \$10,200; Kubota mini excavator. 161-2. 12000 lbs. 4,700 hrs. 16 in. digging bucket, \$14,800. Jim Greene, Pfafftown 336-945-3316.

Long 445 tractor GC needs paint, \$4,200; horse drawn manure spreader, GC, kept under cover, \$1,000; John Deere 40 runs great needs paint new seats, \$4,000. Norman Marshall, Stokesdale 336-643-7077.

Kubota L4350 tractor-front end loader and box blade, 4W/D, shuttle shift, GC, \$11,000 OBO. Laris Allred, Asheboro 336-625-1784.

Kubota 9000 tractor 4x4, cab H/A, 90 hp low profile, 1400 hrs, HD Kubota loader, EC, \$24,950; Ford 445 diesel tractor, HD front loader, \$5,500. W. Phillips, Boone 828-264-6488.

FARM EQUIPMENT

Ford tandem wheel disc, 28 blade, 10 1/2 ft cut, with cylinder and drag, \$900. Rick Hinton, Princeton 919-705-3262.

486 NI round baler \$8,000; 1190 Intern'l mower, \$2,500. Colon Terrell, Denton 336-859-3611.

Wood Splitter works off tractor hydraulics, \$500; New Holland square baler, field ready, \$3,500.00. David Hurley, Troy 910-572-7452 or -572-6464.

Massey Ferguson 35, 1961, gas, dual stage clutch, live lift, GC, good paint. \$4,000. Sammy Hodges, Elkin 336-366-7883.

MF 550, 13' grain table, 4 row corn head (38"), 6 row corn head (30") GC, field ready, \$7,000 for machine/grain table, headers nego; 4 row Carousel transplanter, Holland, practically new, <250 acres, \$9,000. Barry Coe, Ararat 336-374-4377.

Millcreek Manure Spreader 5 to 10 horse capability, EC, \$2,200. B Lynch, Pittsboro 919 403-3003.

Bush Hog 2400 qt loader, brackets fit AC 5050, \$2,000 nego, includes forks. Tanner Boyles, Kernersville 336-669-7808.

Fast Hitch 2 bottom plow. \$350. Alfred Shoaf, Lexington 336-787-5272.

1952 Ford tractor, three pieces of equipment. 4 new tires. new brakes. new battery, paint and body VGC, \$2,650. Ricky Fox, Conover 828-302-5497.

1962 Farmall 140 1 pt hitch, 12 volt with alternator, good oil pressure, good tires, ood transmission, \$2,650. Brandon Radford, Burlington 336-584-1272.

1965 Ford 3000 diesel, VGC, runs good, \$4,500 tractor or \$6,500 tractor and implements. David Purvis, Siler City 910-690-1537.

Hay Mower, Vicon CM168.5ft. cut, LNC, shelter kept, mowed less than 30 acres, \$3,300. Tom Sladky, Reidsville 336-694-4046.

35X96 Carolina Greenhouse, all metal superstructure, \$3,500. Nubbin Greene, Walnut Cove 336-817-8588.

Massey Ferguson back hoe attachment model 2375, factory installed on a Massey Ferguson 2310 TLB, can be adapted for a 3 pt hitch, \$3,500 Andy Ennett, Stella 910-326-5523.

Vanmar 1500 4wd tractor \$2,600; 40 hp International tractor 3pt \$2,900; JD dozer \$7,500; Michelin farm tire 18.4-38 & tube 85% rubber some weather cracks, \$100. Doug Mills, Wingate 704-624-6301.

Vicon disc mower, no curtain \$1,200. William Kroll, Bennett 336-879-6505.

Ford 515 sickle mower GS some new parts \$1,200.00 OBO. M. Jerry, Mebane 336-562-2574.

1985 Ford 4610 4500 hours with a 2446QT Bush Hog loader, EC, \$8,500.00. Evan Myers, Winston-Salem 336-242-3911.

John Deere 260 rotary disc mower, 3-pt hitch hook up, sed this past season, has a oil leak asking \$1,500 OBO. Damian Whitley, Battleboro 252-883-6635.

Manure Spreader - small Oliver spreader in GC, ground driven, \$750. Delmar Burleson, Lexington 336-746-5627.

Landscaping Pulverizer Bushog Model 660, 3 pt hitch, 66" wide, double row of rippers in front, single roller in back. \$450 or trade for good 5' rotary cutter. Doug Wright, Morgantown 828-437-4905.

Kubota 4wd tractor, M9000 cab w/ ac, 2 remotes, 1251 loader, 72" and 84" buckets, 2100 hours, \$26,995. Keith Lail, Hickory 828-381-7852.

Heavy Duty and Light Weight Gates. 10', 12', 14', and 16', \$79 up; D6 Caterpillar Bulldozer with angle blade. Good Undercarriage, \$13,000. Eugene White, Taylorsville 828-312-6018.

Furgeson rotary hoe 2 row 3 point hitch, good teeth and kept sheltered, \$300. Shannon Corriher, China Grove 704-202-6020.

New Holland 519 manure spreader, PTO driven, good condition, \$2,500.00. Rex Murphy, Castalia 919-853-3267.

FARM EQUIPMENT

540 PTO Generator 25kw mounted on trailer. Less than 8 hours, \$2,500. Larry Burnette, Pikeville 919-920-5692.

Two 250' Cumberland Automated Poultry Hen Nest Systems. GC, \$2,500/ea; 1,000 Nest Pads, EC, \$.50/ea. Jerry Harper, Albertson 252-775-0630.

Woods 6' scrape blade, swivel parallel to ground but not vertical; 3 pt hitch, VGC; \$350. M. Ed, Burlington 336-222-1961.

Tractor Ford 3000, gas, P/S, hydraulic connects, live PTO, new rubber, roll bar & canopy, new paint, \$5,800. Ed Goodnight, Concord 704-699-9390.

3 pt 8 wheel hay rake, EC, \$1,000. Curt Hardee, Enfield 252-903-8878.

3 pt, category 1, 9 inch earth auger; EC, 450.00. Doug Efird, Concord 704-723-1423.

Post Hole Digger for parts, needs top gear in box, also two augers, 9" & 12", needs new tips, \$150. Tom Sladky, Reidsville 336-694-4046.

International 574 tractor, and Int'l 450 bottom plow. both VGC, \$6,000.00. Calvin Jeffries, Mebane 336 421 9967.

NH 519 manure spreader 210 bushel EC \$2,900; JD 2510 diesel tractor 55 hp remote hydraulics looks & runs great always sheltered \$6,900. Tripp Hohn, Archdale 336-434-5321 or 442-3613.

Loadmaster manure spreader 50 bushel ground driven VGC, \$1,200 or will trade for square baler. Mike Jordan, Kelly 910-471-5321.

MF1085 GC. Cab. Blower, Tires 90%, Bushog Quick Disconnect Front Loader & Bucket., \$9,995. Hunter A London, Ruffin 336-939-9750.

Hesston Round Baler good working condition, \$5,000; Ford tractor, with new tires and battery, double hydraulic hookups on back, \$4,500. Bobby Chambers, Vale 704-276-1189.

1986 JD 950, 3 Cyl. Diesel. 755 Hrs. Includes box blade and AM/FM radio, \$6,500 OBO. Tom Love, Midland 704-888-3046.

Factory built 3 pt. hitch Danuser wood splitter with dual hydraulic hoses. Splits wood up to 28 inches long. EC, \$1,100. Elden Smith, Hudson 828-781-8730.

Farmall M 1950, for sale or trade for anything IH with a 3pt hitch. Tires 65%, sheet metal good no lift but hyd works, \$2,000. Matt Holder, Raleigh 919-868-8853.

1996 Vicon cm 1700 disc mower, 5.6 ft always serviced every year sheltered, good cond, 2600.00. Bob Prestwood, Lenoir 828-758-0832.

Case loader 850B 1979 model with 4 way bucket. Some rust in paint but good working condition. \$10,000. Mike Carico, New London 910-572-1465.

Oliver/Cockshutt 1850 diesel MFWD with Loader, 92hp tractor in good condition, ready to work \$8,500.00, 3pt tillage tool, \$250. Matthew H, Lexington 336-787-3981.

Kubota L-3650 Tractor--4WD, front end loader, fiberglass canopy, roll bar, 7 speed GLS trans., Ag. Tires, Low hours (1200) EC, \$15,995, Phil Marion, Pfafftown 336-945-4868.

6ft wide 10 ft long tilt trailer great shape \$600. Billy Breeden, Haw River 336-578-3454.

JD 318 gasoline tractor with 48" JD belly mower, and 48" JD tiller. 1080 hours. garaged. EC, \$6,000. Robert Martin, Albemarle 704-983-4095.

Tractor, Ford 4600, diesel, 52 hp, power steering, \$7,200. David Shepherd, Wilkesboro 336-921-3166.

Boompole Crop Sprayer 3pt hitch adj. arms 25 foot width, \$150. Mark Crotts, Snow Camp 336-266-5263.

Hit and Miss Engine, 1-1/2hp. 'M', (TG) complete, running, on repo. trucks, \$1,050. Larry Trammel, Chapel Hill 919-929-5578.

Massey Harris Pony Tractor with Cultivators and Harrow, \$1,500;

FARM EQUIPMENT

Shendoah Poultry Incinerator in good working condition. Used on a 2 house farm and always keep in dry, \$2,500.00. Lincoln Triplette, Millers Creek 336-984-7035.

Apache 150 bu creep feeder with creep panels. GC, \$2,500. Johnny Rogers, Roxboro 336-504-7268.

Field cultivator 10 ft Prefert II, \$1,000; NH hay baler \$9,000. M. Newton, Hurdle Mills 919-357-8270.

JD 240 garden tractor, with deck, partially disassembled, Need new bolts paint. 14hp Koler, rebuilt carb, some new parts, \$485. M. Lorenzo, Chocowinity 252-946-3840.

Tye 15 Ft. No-Till Drill, small seed, new disks, nice \$9,450. Matt Valkenburg, Monroe 864-940-9341.

New Holland Hayliner 273 field ready \$1,900 OBO. Jeremy Brookshire, Lenoir 828-728-9101.

New Holland 273 square baler, good working condition \$2,500; Long pull type disc 8' wide Hyd. lift \$700. Phillip Dancy, Hays 336-928-0983 Evenings 957-8364.

New Holland 851 round baler \$1,500; Case International 1190 7 foot haybine \$1,500. Reagan Hudson, Vale 828-874-5147.

Farmall H restored with new paint, good tires, and many new parts. \$2,500 would consider trade for old JD tractor; Jib cranes, one is 1000 lb rating 11 ft tall, 7.5 beam other is 500 lb rating, \$250-\$450. D. Mullis, Locust 704-888-6181.

NI corn picker 1 row shed kept field ready \$1,500. Willie Gammons, Mt Airy 336 351-6769.

GT grain auger. 8 in x 48 ft. pto driven, GC, \$1,800; Parker grain wagon. 250 bu. 4 wheel with good body and tires, \$1,750. James Ellen, Enfield 252-445-5938.

FARM EQUIPMENT

3 Farrowing crates. Feeders and waterers, \$350/for all. Haywood. Bowden, Benson 910-890-7763.

D85A Dozer - no ripper, tilt blade, price \$18,000. Larry East, Sophia 336-495-1551.

Ford 5ft. finish mower 650.00, 6ft. Bushog Brand finish mower \$1,000; 1971 140 Farmall tractor, cultivators front and back, fertilizer distributor, 3pt. and 1pt. hitch, \$4,400. R. Collins, Elkin 336-366-4026.

25 bushel manure spreader, new, made by Conestoga manufacturing. 2-wheel ratchet clutch drive, pull with horse or tractor, \$1,835. Bob Richens, Hendersonville, 828-685-1170.

Greenhouse 22x96 feet, chemilizer fertilizer system, new shutters, new exhaust fan, shade cloth, propane heater, lots of pots, other misc. parts, \$3,500.00. Richard Stalker, Franklinville 336-824-2511.

Tractor Top Link, Frmex Brand, model #03477; heavy duty; New and unused, \$45. R. Jackson, Clyde 828-627-3998.

IH 454 gas tractor-VGC, only 300 hrs. on overhaul \$4,200. Jim Kahler, Richfield 704-463-4272.

Ford 4600 SU all original PS Wet Brakes 55 HP ext valve 16.9 x 24 rear tires, EC \$7,995. Mike Garrison, Weaverville 828-645-7828.

Allis Chalmers D14 2WD wide front Tractor. 40 HP Low Hours on Rebuilt Engine. Runs Good! New Tires. Radio. Lights. Front End Loader with forks for hay. 3-point hitch. PTO, \$3,500. Barry Mullis, Mooresville 704-663-7996.

Lewis Brother House Keeper poultry cruster model #2 w/spinners farm ready \$5,500; 255 Case International 4x4 980hrs. w/355-80-20 turf tires A-1 \$3,000. Henry Currie, Ellerbe 910-334-0404.

FARM EQUIPMENT

Woods Bush Hog, BB60C, used just once, includes drive slip clutch, pictures available on request, \$1,050; Woods grader blade, 72", RB72, EC, \$400. Gary Howell, Norwood 704-474-3988.

Simco, large square bale separator, EC, \$21,900; Recon 300 hay conditioner w/ tedder, EC, \$7,500. Greg Overcash, Salisbury 704-202-3626.

John Deere 790 4X4 tractor with a 300 loader, box bade, finish mower, 18 ft drive on trailer, LNC, kept inside, 06 model, \$13,900. Wayne Dobey, Mooresville 704-664-1957.

Vicon SP471 Square Baler, GC, \$2,500. Brad Moore, Liberty 336-622-5618.

John Deere 145 Loader, GC, \$2,000.00. Evan Myers, Winston-Salem 336-769-9228.



Equipment Wanted

Gravelly tractor model L with equipment, reasonable. Van Reid, Rocky Point 910-602-3364.

AC D10 and JD M. Willard Watson, Walkertown 336-817-8732 or 595-8242.

Parts for JD 224T sq baler knot typing system gear box for 467 NH haybine. Hurley Sanders, Seagrove 336-879-5891.

Cultivators and track plows for Super A Farmall. Gary Whitworth, Lincolnton 704-735-1149.

Long 510 2510 tractor for parts and also want a field ready Long 510 or 2510, reasonable price.

Wide front end axle assembly for Farmall 400 tractor, reasonable. Calvin Jeffries, Mebane 336-421-9967.

Livestock results

(Cont'd from pg. 4)



These competitors at the N.C. State Fair were all smiles before entering the show ring.

Beef cattle, Red Angus

- Grand champion female shown by JK Red Angus of Aberdeen (Hoke County)

- Reserve grand champion female shown by Morgan Branch Red Angus of Leicester (Buncombe)

- Grand champion bull shown by TX Enterprises of Winston-Salem (Forsyth)

- Reserve grand champion bull shown by John Michael Langdon II of Benson (Johnston)

Beef cattle, Limousin

- Grand champion female and bull shown by Edward's Cattle Company of Beulaville (Duplin)

- Reserve grand champion female shown by Avery Faulkner of La Grange

(Wayne)

- Reserve grand champion bull shown by Edward's Cattle Company of Beulaville

Beef cattle, Gelbvieh

- Grand and reserve grand champion female and bull shown by Green Hills Gelbvieh of Mount Ulla (Rowan)

Beef cattle, Hereford

- Grand champion female shown by Randy Martin of Kure Beach (New Hanover)

- Reserve grand champion female shown by Karl Holsouser of Castalia (Franklin)

- Grand champion bull shown by Blinson Hereford Farm of Buies Creek (Harnett)

- Reserve grand champion bull shown by Madison Sifford of Snow Camp (Alamance)

Beef cattle, Santa Gertrudis

- Grand champion female shown by Lester Smith of Elkmont, Ala.

- Reserve grand champion female shown by Flat Willow Farms of Statesville (Iredell)

- Grand champion bull shown by Thomas Benfield of Statesville

- Reserve grand champion bull shown by Dietrich's Flying D Ranch of Orlando, Fla.

Beef cattle, Charolais

- Grand champion female and bull and reserve grand champion female shown by Birdsell Livestock of Turnersburg (Alleghany)

- Reserve grand champion bull shown by Odis Bumgarner of Shelby (Cleveland)

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EQUIPMENT WANTED

Hillside plow, for tractor 3 point hitch. keithn@blast.com, Keith Nunn, Snow Camp 919-742-5162.

Cab for a 180 AC. Eddie Cruise, Concord 704-786-8616.

Roll bar for 4600 SU Ford tractor. Danny Hyatt, Waynesville 828-734-4556.

One row corn picker. Call Al-704-694-5086, Al Griffin, Wadesboro 704-694-5086.

EQUIPMENT WANTED

Farmall 140 cub cultivator parts, 1 pt equipment, planter/fertilizer units, hoppers, reasonable call after 2:00 pm on weekdays. Brandon Radford, Burlington 336-264-9361 or 584-1272.

Cultivators for Farmall 140, fertilizer/seed spreader, PTO driven, 1 pt fast hitch or tow behind, 5'-6' bush hog. Doug Knudson, Raleigh 919-848-4440 or 844-6435.

To save costs, NCDA&CS moves to online soil tests and other agronomic reports

The N.C. Department of Agriculture and Consumer Services will no longer routinely mail out paper copies of agronomic reports. This policy, which went into effect Nov. 1, will apply to reports for soil tests and nematode assays, as well as plant tissue, waste, solution and soilless media analyses.

All these reports are readily available through the NCDA&CS Agronomic Division's Web site, www.ncagr.gov/agronomi.

"By making the switch to electronic-only reports, the NCDA&CS will work within its limited budget to save significantly on postage, printing and paper costs," said Dr. Colleen Hudak-Wise, director of the Agronomic Division. "Although environmental and fiscal benefits are driving this change, clients should also see increases in convenience and efficiency. Online reports are available to clients faster than mailed reports and make record keeping easier.

"Copies can be easily downloaded and saved, and the

analytical data can be exported into spreadsheet format," Hudak-Wise said.

Eventually, the NCDA&CS would like to notify all clients via e-mail when their reports are available online.

Clients who provide a valid e-mail address on their sample information form, or who register an e-mail address with the Agronomic Division online, can receive electronic notification. In the interim, all other clients will receive a postcard with instructions on how to find their reports.

Clients who visit the Agronomic Division home page should select the "Find Your Report" link from the left-column navigation bar. This link takes visitors into the division's laboratory-information site, known as PALS. For most people, using the "Quick Report Search" link is the most convenient way to access reports.

Basic instructions are outlined at www.ncagr.gov/agronomi/reportsearch.htm. Anyone who has difficulty using the PALS report-search feature or has questions can call (919) 733-2655 for assistance during

The deadline for the January issue of the Agricultural Review is Dec. 1, and the deadline for the February issue is Jan. 4.