

# Agricultural REVIEW

Volume: 92 - No. 1

January 2017

Raleigh, N.C.

## Agritourism conference slated for Jan. 9 & 10

The N.C. Agritourism Networking Association's annual conference is Jan. 9 and 10 at the Marriot in downtown Winston-Salem. It is open to agritourism farm operators and others who want to learn more about agritourism.

The two-day event includes farm tours, workshops and educational sessions catered to those who welcome visitors to their farms.

On Jan. 9, participants can take part in a five-stop farm tour to talk with farmers who operate strawberry farms, corn mazes, greenhouses and more.

On Jan. 10, guest speakers will lead workshops and panel discussions on topics such as social media, branding, point-of-sale systems and hiring employees. There also will be a town-hall discussion with an attorney, insurance professional, financial adviser and experienced agritourism farmer, all of whom are versed in agritourism zoning, liability and diversification.

## Quarantine area for imported fire ant expanded

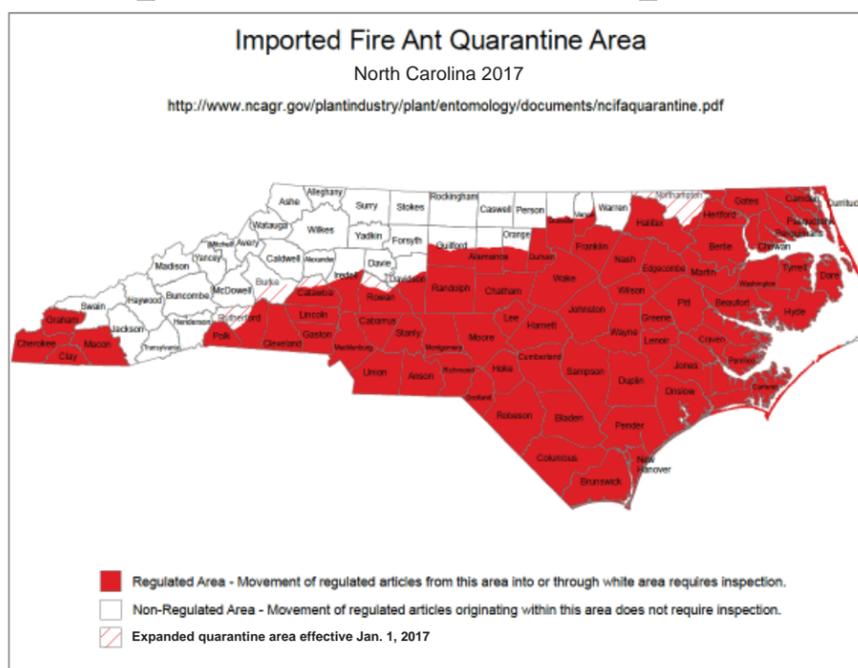
The N.C. Department of Agriculture and Consumer Services is expanding a quarantine for the imported fire ant for the entire counties of Catawba, Northampton, Rowan and Rutherford, and the portion of Burke County south of U.S. 70. The expansion is effective Jan. 1, 2017, and will now include portions or entire areas of 74 counties.

The quarantine means residents and business owners in those counties and portions of counties will now need to obtain a permit before moving plants, sod and related equipment into or through non-infested areas. Certificates can be obtained from a local plant protection specialist or by contacting the Plant Protection Section at 800-206-9333 or 919-707-3730.

Items requiring a permit include sod, soil, hay and straw, nursery stock, logs or pulpwood with soil, and soil-moving equipment. Movement of infested materials could result in the establishment and secondary spread of the pest.

"Failure to obtain the needed inspections and certifications may result in the issuance of a stop-sale

(See Imported Fire Ant, pg. 2)



## Agronomic testing advised for flooded fields

Soil erosion and flooding from Hurricane Matthew may have caused changes in soil fertility, and the N.C. Department of Agriculture and Consumer Services advises farmers to account for this as they make plans for the next growing season. The department's Agronomic Services Division can help answer questions about what was affected and how to manage it.

"Many farmers were not ex-

pecting Hurricane Matthew to have this kind of impact, and now that fields have drained and dried over the past two months, it is an excellent time to soil sample to evaluate lime and nutrient needs, especially where water was standing for several days," said Agriculture Commissioner Steve Troxler.

In addition, flooding most likely moved harmful nematodes. Floodwater carries top soil with

it, and if the soil is infested, the nematodes may be moved to areas that weren't infested. "Anything that moves soil also moves nematodes," Troxler said.

Dr. David Hardy, chief of the Soil Testing Section in the Agronomic Services Division, advises growers to consider several factors before sampling soil:

Wait for fields to dry out well enough to acquire good samples. Drying should have occurred in

most areas where flooding happened.

Where soil movement occurred, grade and reshape those areas. Consider sampling them separately to evaluate fertility if they are large compared with other sampling zones.

Focus on soil types in relation to sampling. Leaching of nutrients such as potassium,

(See Soil testing, pg. 3)

## From the tractor



Commissioner Troxler

by Agriculture Commissioner Steve Troxler

to facilities and property, efforts involving soil and water issues, and operating losses because of recovery efforts.

I met with legislators during the special session to talk about the extent of agricultural damage from the floods and the damage from wildfires. These issues touch many of our communities, so they understood the importance of recovery. I am hopeful we can help farmers and agribusinesses reboot our agricultural engine.

As we look to new beginnings in 2017, like many in agriculture, I am hopeful for a good growing season, rain at the right times and healthy markets. January and February are typically the months when growers meet with their commodity groups, get industry updates and decide on planting intentions for the upcoming year.

I will again be hosting the Agricultural Development Forum

during the Southern Farm Show, Feb. 1-3. The forum will be held in the Holshouser Building on Feb. 2 9:30 a.m.

As part of that, I will be providing a State of Agriculture address, outlining some of the issues we will be focused on in 2017. And, I know we will have other agricultural experts on the agenda. It is typically an informative session.

Despite the setbacks of 2016, I am still optimistic about the future of agriculture and agribusiness in the state. At its core, farming means food, fiber and fuel. It doesn't get more essential than that.

The demand for food is only going to increase as our population grows, and we need to be prepared to grow with that. Part of preparing ourselves is arming ourselves with the best information possible and making use of new technology and production

techniques to increase productivity and efficiency.

I was recently looking at some national economic forecasts for 2017 from the U.S. Department of Agriculture, and projections seem to point to a mixed bag when it comes to the numbers. Export numbers were expected to be up \$4.3 billion to a total of \$134 billion. Exports of grain, feed and cotton are also projected up. Nationally, our leading buyers look to be China at \$21.8 billion, Canada at \$21.3 billion and Mexico at \$18.3 billion.

Strong trade policies will be especially important to fostering growth in the export market, where agricultural products are a bright spot of trade. To me, these projections, only reinforce the need as a state to remain focused on international

(See Troxler, pg. 3)

Before the end of 2016, the N.C. General Assembly approved \$200 million for disaster recovery, which is likely just a starting point. The money was intended to take care of some immediate needs and shortfalls, with some discussion about revisiting bigger recovery issues when legislators return this month to start a full session.

I am grateful legislators earmarked almost \$38 million for the department to help with damage

## Agricultural Review

22,000 copies of this public document were printed at a cost of \$853.84 or 3.8 cents per copy.

Brian Long ..... Editor  
 Andrea E. Ashby ..... Mng. Editor  
 Danette Jernigan ..... Ads & Circulation Mgr.  
 Jen Kendrick ..... Staff Writer  
 Heather Overton ..... Staff Writer  
 Beth Romer ..... Staff Writer

AGRICULTURAL REVIEW (ISSN 07445466) is published monthly by the N.C. Department of Agriculture and Consumer Services, 2 W. Edenton St., Raleigh, NC 27601. Second-class postage paid at Raleigh, N.C.

POSTMASTER: Send address changes and classified advertising to AGRICULTURAL REVIEW, 1001 Mail Service Center, Raleigh, NC 27699-1001.

AGRICULTURAL REVIEW is printed in interest of the farmers of the State and is sent free to residents upon request.

PHONE: 919-707-3001  
 Steve Troxler  
 Commissioner

### DIVISIONS

Agronomic ..... Dr. Colleen Hudak-Wise  
 Emergency Programs ..... Sharron Stewart  
 Food Distribution ..... Gary Gay  
 Food & Drug ..... Audrey Pilkington  
 Human Resources ..... Sylvia Crumpler  
 Legal Affairs ..... Tina Hlabse  
 Marketing ..... Joe Sanderson  
 Meat & Poultry Inspection ..... Vacant  
 N.C. Forest Service ..... David Lane  
 N.C. State Fair ..... Wesley Wyatt  
 Plant Industry ..... Vernon Cox  
 Property & Construction ..... Kent Yelverton  
 Public Affairs ..... Brian Long  
 Research Stations ..... Dr. Sandy Stewart  
 Soil & Water Conservation ..... Patricia Harris  
 Standards ..... Stephen Benjamin  
 Statistics ..... Dee Webb  
 Structural Pest & Pesticides ..... Jim Burnette  
 Veterinary ..... Dr. Douglas Meckes

Chief of Staff:  
 Zane Hedgecock  
 Chief Deputy Commissioner:  
 N. David Smith Jr.  
 Assistant Commissioners:  
 Scott Bisette  
 Joe Reardon  
 Dr. Richard Reich

## Southern Farm Show Feb. 1-3 in Raleigh

The Southern Farm Show will be held Feb 1-3 at the N.C. State Fairgrounds in Raleigh. The event is the largest agricultural trade show in the Carolinas and Virginia, drawing more than 400 equipment dealers, agribusinesses, agricultural consultants and related businesses.

A number of special industry meetings will be held during the farm show, including the N.C. Pork Conference and the N.C. Department of Agriculture and Consumer Services' Agricultural Development Forum on Feb. 2; the Tobacco Farm Life Museum breakfast benefit and the annual meeting of the Tobacco Growers Association of North Carolina on Feb. 3.



Big and small equipment will be on display at the Southern Farm Show.

Pesticide continuing education credits are offered through workshops during the show. In addition, the Southern National Draft Horse Pull and Coon Mule Jump

will be held Feb. 3 at 6 p.m. in the Hunt Horse Complex.

Go to [www.southernshows.com/sfs](http://www.southernshows.com/sfs) or call 704-376-6594 for more information.

**The deadline for the February 2017 issue is Jan. 3, the deadline for the March issue is Feb. 1.**

**Please note, our fax number has changed to 919-733-5047.**

## Appalachian High Country AVA becomes state's fifth official wine region

The Appalachian High Country AVA has officially become North Carolina's fifth American Viticultural Area. Grape growers and wineries in the region are now able to add the distinction to their labels.

"The establishment of an AVA can help wine makers describe more accurately the origin of their wines, and assists consumers in identifying wines for purchase," said Whit Winslow, executive director of the N.C. Wine and Grape Growers Council. "The distinction will allow wineries in the area to market their products collectively for the benefit of the entire region. We've already seen this happen with great success in Yadkin Valley."

The Appalachian High Country AVA is a 2,400 square-mile area spanning eight counties across three states. Alleghany, Ashe, Avery, Mitchell and Watauga counties are included, as well as Carter and Johnson counties in Tennessee and Grayson County in Virginia. A total of 10 wineries and 21 vineyards are currently included in the AVA, with an additional eight vineyards planned in the near future.

Johnnie James, owner of

Bethel Valley Farms and member of the High Country Winegrowers Association, led the effort to get the region distinguished as an AVA. James grows three varieties of grapes on his farm in Watauga County. He said the High Country's climate makes it unique and challenging for grape growers.

"We have much colder temperatures and fewer growing days above 51 degrees," James said. "Cold-hardy varieties such as Vidal Blanc, Marquette and Traminette do well."

In addition to climate, one of the most striking characteristics of the region is its topography. The area has one of the highest average elevations east of the Mississippi River. Vineyards are planted at elevations between 2,290 and 4,630 feet. More than half are at or above 3,000 feet. In addition, more than half of the vineyards are planted on slopes with angles of 30 degrees or more.

Grandfather Vineyard & Winery in Banner Elk is one such winery. Its 58° Fusion wine is so named because the vineyard is planted on a 58-degree slope. Steve Tatum, owner of Grandfather Vineyard, is excited about having the new AVA designation.

"We have a supply of wine made from 100-percent Appala-

chian High Country AVA grapes that we've been holding back for this," Tatum said. "We plan on being one of the first to apply for new labels on Nov. 28."

Tourists interested in visiting wineries in the newly established Appalachian High Country AVA can plan their trip by contacting the wineries directly. Following are the eight N.C. wineries that make up the new AVA:

Banner Elk Winery and Villa, Banner Elk ([www.bannerelkwinery.com/](http://www.bannerelkwinery.com/))

Grandfather Vineyard & Winery, Banner Elk ([www.grandfa-](http://www.grandfa-)

[thervineyard.com/](http://thervineyard.com/))

Linville Falls Winery, Linville Falls ([www.linvillefallswinery.com/](http://www.linvillefallswinery.com/))

Plumtree Valley Vineyards, Plumtree

Raven Rock Vineyards, Vilas ([www.ravenrockvineyards.com/](http://www.ravenrockvineyards.com/))

Roaring River Vineyards, Traphill ([www.roaringrivervineyards.com/](http://www.roaringrivervineyards.com/))

Spencer Mountain Vineyards, Vilas

Thistle Meadow Winery, Laurel Springs ([www.thistlemeadowwinery.com/](http://www.thistlemeadowwinery.com/))

North Carolina's wine and

grape industry has a \$1.71 billion economic impact on the state's economy. North Carolina is home to five AVAs, more than 180 wineries and 525 commercial grape growers. The industry employs nearly 8,000 people across the state.

More information about the state's wine and grape industry is available at [www.ncwine.org](http://www.ncwine.org).

### Bucolic briefs

As a reminder, peak-season fees now apply for soil samples submitted to the N.C. Department of Agriculture and Consumer Services Agronomic Services Lab. Cost is \$4 a sample through March 31. After that date, soil testing will be free to North Carolina residents.

\*\*\*

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

\*\*\*

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

\*\*\*

### Imported Fire Ant (Continued from pg. 1)

notice and rejection or destruction of the regulated article," said Vernon Cox, director of the NCDA&CS Plant Industry Division. "Because fire ants can be harmful to humans and livestock, we remain focused on slowing down the fire ant movement into non-infested areas of the state."

The imported fire ant first entered the United States through Alabama in 1918. It was first

identified in the state in Brunswick County in 1957. As it spread and became established, it was recognized as an aggressive pest of farmlands, pastures, residential areas and wildlife. The imported fire ant is considered to be a nuisance and a health concern to humans, livestock and wildlife due to its painful sting.

For a map of the quarantine area, go to [www.ncagr.gov/plantindustry/Plant/entomology/documents/ncifaquarantine.pdf](http://www.ncagr.gov/plantindustry/Plant/entomology/documents/ncifaquarantine.pdf).

**To keep up with the latest on the N.C. Department of Agriculture & Consumer Services, check out the department's blog at [www.ncagr.gov/blog](http://www.ncagr.gov/blog), where you can also find social media links for Facebook and Twitter.**

# Two soybean farmers picked for national boards

Two North Carolina soybean farmers have been selected to serve on national boards.

Derek Potter, a farmer from Grantsboro is one of 15 farmer-leaders from across the country recently sworn in as a director of the United Soybean Board

Jimmy Thomas, a soybean producer from Timberlake, and 10 other farmer-leaders from across the country recently became directors of the American Soybean Association.

The 70 farmer-directors of USB oversee the investments of the soy checkoff to maximize profit opportunities for U.S. soybean farmers.

These volunteers invest and leverage checkoff funds to increase the value of U.S. soy



**Derek Potter**

meal and oil, ensure soybean farmers and their customers have the freedom and infrastructure to operate, and meet the needs of U.S. soy's customers. The USDA



**Jimmy Thomas**

Agricultural Marketing Service has oversight responsibility for USB and the soy checkoff.

ASA board members oversee the efforts of the ASA, the orga-

nization that helps make sure soybean farmers remain competitive and profitable, protecting their right to farm, by making sure their voice is heard when issues that impact them are debated and created on Capitol Hill.

"We are pleased that Derek Potter was appointed by U.S. Agriculture Secretary Tom Vilsack to serve on the United Soybean Board," said Charles Hall, CEO of the North Carolina Soybean Producers Association. "The checkoff works to ensure U.S. soy remain a top choice for our customers, and he will be a great addition to the group and will represent N.C. well.

"Jimmy Thomas has been a longtime asset to the N.C. Soybean Producers Association,"

Hall added. "As a past president of our organization, he has been involved in policy and advocacy efforts for many years, and will provide a strong voice for N.C. soybean growers on the ASA board and in Washington, D.C."

The N.C. Soybean Producers Association is a statewide trade association representing all N.C. soybean producers, responsible for research, education and promotion programs to benefit the state's soybean farmers. The association is the qualified state board responsible for administering national soybean checkoff programs in N.C. The association is the state affiliate of the ASA.

## Soil testing

(Continued from pg. 1)

sulfur and, to a lesser extent, magnesium occurs more readily in sandy soils with low organic matter.

Near the coast or around brackish waters, salt water intrusion or overwash may have increased sodium levels of soils significantly. Soil sampling will evaluate the need for gypsum to displace sodium from the soil and also for lime if pH is low.

Testing of agricultural water may also be necessary, said Dr. Kristin Hicks, chief of the Plant/Waste/Solution/Media Analysis Section. She advises growers to consider these factors:

Irrigation ponds and wells in coastal areas where flooding occurred should be tested to determine if sodium and chlo-

ride have affected water quality and if water pH is suitable for irrigation.

Fish ponds may have been exposed to nitrates and phosphorus from overwash, both of which can trigger algal blooms and fish die-offs if the levels are high enough. Water pH in the neutral range is also essential for fish health. Ponds that may have been acidified by flooding from brackish water should be tested. Pond water pH can be corrected by liming, but the need for lime should be determined by starting with a solution test.

Water sources, both pond and well, that are used for livestock drinking water should be checked for elevated iron, low pH or other mineral components that may affect suitability for animals.

Please note, the Agronomic

Services Division does not analyze for any microbial pathogens. Analysis is for chemical parameters that can affect crop and animal health.

There are fees for solution analyses. There also is a fee for soil tests between Dec. 1 and March 31. For more information about testing services and fees, go to [www.ncagr.gov/agronomi](http://www.ncagr.gov/agronomi).

Discover more about NCDA&CS on the In the Field blog at <http://info.ncagr.gov/blog/>



## Troxler

(Continued from pg. 1)

markets.

Nationally, economic indicators of net cash farm income and net farm income point down for the coming year, as do total production numbers. I know our industry will be facing challenges moving ahead, especially as it relates to disaster recovery, but I also believe we will emerge stronger.

I encourage you to mark your calendar for Feb. 2, and come join us at the Agricultural Development Forum. Here's hoping 2017 is a strong year!

## Horse Events

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

- Jan. 6-8 ..... Triangle Area Polo Club matches. Contact David Brooks, 919-949-0351.
- Jan. 20-22 ..... Triangle Farms Winter Indoor I "C." Contact Joan Petty, 919-669-9877.
- Jan. 26-29 ..... Raleigh Indoors Winter I "A." Contact Joan Petty, 919-669-9877.
- Feb. 3 ..... Southern National Draft Horse Pull & Coon Mule Jump. Contact Calvin Davis, 919-717-0323.
- Feb. 4 & 5 ..... Triangle Area Polo Club matches. Contact David Brooks, 919-949-0351.
- Feb. 11 ..... Carousel Farms Bull Riding & Barrel Racing. Contact Jeff Mullen, 919-796-8375.
- Feb. 18-19 ..... Double L Bar Cowboy Mounted Shooters. Contact Dave Lohrey, 919-671-7699.
- Feb. 23-26 ..... Raleigh Indoors Winter II "A." Contact Joan Petty, 919-669-9877.
- March 10-12 ..... Triangle Farms Spring Indoors I "C." Contact Joan Petty, 919-669-9877.
- March 16-19 ..... Raleigh Indoor Spring Classic. Contact Joan Petty, 919-669-9877.
- March 22-25 ..... Raleigh Spring Premier Benefit. Contact Joyce Wilson, 919-365-5149.
- March 31 ..... Triangle Farms Spring Indoor III NCHJA "C." Contact Joan Petty, 919-669-9877.
- Sen. Bob Martin Eastern Agricultural Center, Williamston, 252-792-5111
- Feb. 11 & 12 ..... Valentine Indoors NCHJA 'C' & EHA Horse Show. Contact Joan Petty, 919-669-9877.
- Feb. 17 & 18 ..... Old Ford VFD Rodeo. Contact Frankie Buck, 252-946-9780.
- March 2-5 ..... VRHA March into Spring Reining Horse Show & Rookie Day. Contact Chris Wiley, 804-305-7398.
- March 10 & 11 ..... N.C. Barrel Bonanza. Contact Fred Smith, 252-450-9752.
- March 18 & 19 ..... Spring Indoors NCHJA & EHA 'C' Horse. Contact Marla King, 252-268-4144.
- March 25 & 26 ..... March Magic Dressage. Contact Cassidy Sitton, 618-201-3290.
- March 30 -
- April 2 ..... Martinganza AQHA Show & Futurity. Contact Susan Daniels, 919-894-0600.
- Southeastern N.C. Agricultural Events Center, Lumberton, 910-618-5699
- Jan. 2 ..... Horse and tack auction. Contact Brad Stephens, 828-390-0878.
- Jan. 20&21 ..... Da Bomb Barrel Racing. Contact Josh Smith, 910-639-6387.
- Feb. 4 ..... Borderbelt Horse Show. Contact Billy Hunt, 910-422-9313.
- Feb. 6 ..... Horse and tack auction. Contact Brad Stephens, 828-390-0878.
- Western N.C. Ag Center, Fletcher, 828-687-1414
- Jan. 27-29 ..... Miles Avery Autism Classic. Contact Monica Avery, 828-333-0660.
- March 4 ..... Coggins Clinic. Contact Danny Sharpe, 828-693-7387.
- March 17 & 18 ..... Bullmania. Contact Matt Buchanan, 828-687-1414.

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

# Classified Advertising

## Advertising in the Agricultural Review

**SUBMITTING ADS:** Ads are free to N.C. residents and can be submitted by mail to 1001 Mail Service Center, Raleigh NC 27699-1001; online at [www.agreview.org](http://www.agreview.org) or by fax to 919-733-5047. The deadline for the February issue is Jan 3. The deadline for the March paper is Feb. 1. The deadline for the April paper is March 1. Limit is 30 words, editor reserves right to edit or reject ads. Limit 2 ads/person in different categories.

Clip and mail or fax your Agricultural Review ad!

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_

Ad copy: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Price or price range: \_\_\_\_\_

**Mail to:**  
Agricultural Review  
1001 Mail Service Center  
Raleigh, NC 27699-1001

**Fax to:**  
(919) 733-5047

Website: [www.AgReview.org](http://www.AgReview.org)

\*Ads must be typed or neatly printed



## 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.

**Italian bees**, 3 lb. pkgs. w/unmarked mated queen, \$100; w/marked queen, \$105, pickup dates 03-27 & 04-11-2017. Dave Bradley, Nashville 252-443-6471.

**Beekeeping supplies**, extractor, decapping table, nuc boxes, supers, etc., \$500. Mary Jones, Eden 336-432-3070.

**Italian bees w/mated queen**, 3 lb. pkgs., pickup 03-25-17, 04-14-17 & 04-30-17, \$110; queens, \$25/ea. starting 03-25-17; other items avail. John Pledger, Trinity 336-475-5137.

**Italian honey bee pkgs.**, 03-27 & 04-11-17 pick-up dates, deposit req., \$100; extra queens, \$26. Tim Frye, Liberty 336-549-7358.

**5 frame nucs & splits** w/ laying queen, ready 03-15-17, any size orders ok, \$115. Tim Holt, Siloam 336-710-4904.

**Honey bees w/hygienic queen**, 3 lb. pkg., pick up in Winston-Salem & Willow Springs 03-23-17, \$108 & up; queens, \$30. Larry Tate, Winston-Salem 336-788-4554.

**Childress oxalic acid vaporizer kit**, high quality, \$145. Joe Childress, Thomasville 336-991-6478.

**Removal of honey bee swarms & colonies** in spring, \$0-500. Jacob Gantt, Statesville 704-902-7225.

**Italian bees**, 2017 pkgs., queens, nucs & complete hives, ready mid 03-2017; other items avail., \$105. Garry Whitley, Albemarle 704-982-0698.

**5 frame nucs**, no frame exchange, qty. discounts avail., pick-up 20 mi. north of Wilmington, \$170. Barry Harris, Wilmington 910-352-7868.

**5 beehives** w/Russian hybrid bees, ready 4-2017, \$250. Tony Parker, Bolton 910-655-0741.

**Italian bees w/marked queen**, 3 lb. pkgs., ready late 04-2017, weather dependent, \$115. Monica Warner, Kittrell 919-728-0827.

**Italian bees w/queen**, 3 lb. pkg., pickup mid 04-2017; other items avail., \$100. Bryan Fisher, Kannapolis 980-521-8642.

## BEES

**Italian honey bees**, 3 lb. pkg. w/marked queen, produced by NCDA permitted apiaries, ready for pick-up 03-26-17, \$115. Rick Coor, Goldsboro 919-738-7638.



## Bees, Supplies & Services Wanted

**Space for 10-20 hives** on my property & will assist in care, experienced. Jason Jordan, Newland 828-897-1364.



## Equipment For Sale

**JD M** w/cult, runs good, good paint, \$4,500; Farmall 140 w/cult., \$5,800; JD 1010 w/cult., runs good, \$6,800. Donald Cannon, Ayden 252-746-4600 or 917-3403.

**MF sickle mower**, 7 ft, works vert. & horiz., \$3,000. Gene Rainey, Salisbury 704-633-6035.

**Sickle mower**, 7 ft, 3 pt. hook up, GC, \$275. Ray Milligan, Richlands 910-358-5223.

**Ford 600**, original, \$1,500; Farmall Super A, original w/implements, \$2,000. Kip Mitchell, Windsor 252-794-7416.

**Magnetos**, various makes & types, some w/gears, \$95/ea. & up. Bill Payne, Madison 336-548-6630 6-8 p.m.

**JD 6615 tractor** w/front loader, bucket & hay fork, \$40,000; JD No-Till grain drill, \$42,000; Hardee bush hog, \$1,200; nurse tank, 1,000 gal., 1/2 in. alum., \$1,600. F.D. Rivenbark Willard 910-540-7161.

**1960 Ford off set tractor**, \$2,000; Hobart welding machine & trailer, \$1,000. Peggy Bledsoe, Hurdle Mills 919-245-1972.

**Sickle mower** for Farmall Cub, \$350; Superior 7 ft grain drill, \$450. Walter Neal, Walkertown 336-480-4545.

**1939 JD tractor** w/RARC orig. flat spokes, EC, \$3,500. Ronnie Franklin, Morganton 828-217-1901.

**CAT 931B loader**, drot cab, ripper EC, 85% undercarriage, \$14,000; MF 135, diesel, many implements, GC, \$4,500. Buster Harrison, Midway 336-764-1459.

**David Bradley plow & cult.**, VGC, \$75/ea. Mike Bowers, Burlington 336-675-4083.

**1953 Ford Golden Jubilee tractor**, \$3,700 OBO. Ernest Kirksey, Rockwell 704-224-7350.

**1953 JD 50 tractor**, N.F. w/ps, rollomatic, rockershaft, remote hydr. tachometer, new battery, good tires, recent restoration w/JD 8 sickle mower, \$5,195. Jim Starr, Burlington 336-213-8547.

**MF tractor**, \$4,500; Case roller, new belts, \$4,800. Betty Overby, Westfield 336-593-8090.

**1963 JD 1010 rs**, restored, power takeoff, spin-out wheels, 5 spd. 4 cyl. eng. EC, \$7,500. Geoffrey Brock, Fuquay-Varina 919-818-7816.

## FARM EQUIPMENT

**Late model Farmall Super** A tractor w/front/rear cult., 3 pt. hitch, \$2,000 OBO; hay cutter, 7 ft, \$1,500; other items avail. J.B. Ross, Burlington 336-421-9383.

**Ford NH 918h flail mower**, 6 ft, 3 pt., \$795; Bush Hog, 5 ft, 3 pt., \$350; Farmall 140 w/Woods 6 ft belly mower, 3 pt., \$2,250. Chris Witherspoon, Valdese 828-381-6857.

**Roanoke self-propelled** 1 row tobacco primer, Taylor defoliator heads, Ford gas eng., \$5,500; Roanoke & Powell tobacco primer parts, \$25 & up; JD 7000 planter parts, \$250 & up. Robert Humbles Jr., Ayden 252-746-6838.

**1952 AC CA tractor**, new front/rear tires, mowing machine w/6 ft bar, 2 disc semi-mount plow, 2 row cult., 2 row planter, rear mount factor wood saw, \$2,500. Alan Fink, Newell 704-596-2852.

**1952 Ford 8N** w/scrape blade, conv. to 12v, new alt., battery, manifold & water pump, \$1,900. Art Fillyaw, Fayetteville 910-850-0016.

**King disc**, 8 ft, \$700; Gehl 55 feed mill, 2 screens, \$2,500; Roanoke pull-type tobacco harvesters, 4 rows, seated type, \$500/ea. J. Barefoot, Four Oaks 919-894-5232.

**Horse-drawn equip.**, 2 grain drills, plows, Revolution of Cylinder No. 4 Geiser threshing machine, JD reaper, \$200 & up. Danny Dennis, Mt. Gilead 910-572-2286.

**Gleaner M2 combine**, 15 ft, grain platform, 4 row corn header, \$12,000; NH 351 grinder/mixer, 3 screens, long unloading auger, \$1,600; NH 451 sickle mower, 7 ft, \$1,100. Jimmy Coble, Mebane 336-684-2919.

**JD 5200**, 45 hp, lift II/I, rear remote, 2wd, 9 sp trans., 675 hrs., garage kept, owner's manual, \$12,000. Owen Moore, High Point 336-848-0614.

**Woods finish mower**, 5 ft, GC, \$800; JD blade, 3 pt. hitch, 7 ft, GC, \$500. John Gregory, Dunn 910-824-2784.

**MF 245**, diesel, 8 big boxes & pins for tobacco barns, HD, VGC, \$3,500. Brent Strickland, Louisburg 252-213-2667.

**Tyler 5-6 ton** pull-type fert. spreader, 40 ft spread pattern, many new parts, \$4,500. Ron Alcorn, Liberty 336-215-9358.

**NI 1 row corn picker**, field ready, GC, \$1,500. Shane Es-sick, Lexington 336-250-1165.

**MF 50C industrial/ag tractor**, 65 hp, 7 ft Hardee rotary cutter & 7 ft box blade, \$10,500 OBO; sickle mower, 6 ft, Gramip tsk super 3, \$2,200. Paul Walker, Haw River 336-269-8597.

**Bog harrow**, pulled by trailer tongue, weighs 3,240 lbs., new discs, \$1,800. Lawrence Cranford, Sophia 336-302-0970.

## FARM EQUIPMENT

**2001 JD 72D** autoconnect mower deck, 600 hrs., 72 in, \$800. Louis McSwain, Whitsett 336-314-5955.

**Case IH 695 tractor**, 70 hp, low hrs., LNC, \$18,500. L.B. Bond, Dobson 336-374-0103.

**Restored 1946-47 IH I-9 tractor**, \$5,000; 4 jaw-type rock crushers, various sizes, \$1,500-4,000 between 9 a.m.-9 p.m. R.C. Hemmings, Dobson 336-386-8923.

**Kubota m6800**, cab, 2wd, ac, new 16.9-30 tires, battery & radio, 2,087 hrs., \$16,500 OBO. Chad Spainhour, High Point 336-407-7294.

**2010 JD 5055e** w/553 loader, 130 hrs., 55 hp, mfwd, 9f/3r sync shuttle open station, canopy, dual rear, cat 2, new battery, \$25,500. Roger Lewis, Elon 336-421-5456.

**JD 2640 tractor** w/146 loader, new paint & decals, 75% tread, \$14,000; AC tri-fold harrow, 26 ft, GC, \$3,500. Harden Phipps, Julian 336-446-6817.

**2003 Case IH flex 4300 floater sprayer**, Cummins 8.3 diesel, Allison auto trans, 1800g ss tank, 70 ft booms, foam markers, rate controller, trimble 750 gps, \$17,000. Brandon Stafford, Denton 336-465-6763.

**2009 JD 6115d** w/front loader, 4x4, cab w/good air & radio, 2,500 hrs., 21 ft reach Hardee rear mount 5 ft cutter, all recently serviced, \$30,000. Dennis Childress, Jonesville 336-467-7637.

**Ford 8N tractor**, \$2,500; pull behind mower, \$400. Billy Breeden, Haw River 336-578-3454.

**Farmall M**, EC, \$5,000. Rebecca Powell, Timberlake 336-583-9034.

**NH tedder rake**, \$700; MF 1085, \$7,500; NH TN65 tractor, \$9,000. Alex Nelson, Oak Ridge 336-643-1160.

**JD 720lp tricycle**, orig. condition, \$3,000; JD 420t, orig. condition, single front wheel, \$3,000. Wesley Johnson, Dobson 336-648-1693.

**1952 Ford 8N** red belly tractor, runs, good paint, cult. & tillage tool, no dents, \$3,200. Eva Barker, State Road 336-874-3025.

**Tractor bumper/grill** gaurd, front hitch, Ford/Ferguson style, \$60; carry-all frame, 3 pt., \$60; scoop pan, 3 pt., \$150. Duane Kirschenman, Winston-Salem 336-765-0968.

**JD 6410**, cab w/ac & heat, 90 hp, \$29,000; JD 6300 w/loader, 75 hp, \$23,000; Case 465 skid steer, 4-in-1 bucket, 82 hp Cummins, \$24,000. Rick King, Clemmons 336-817-6535.

**1969 Farmall 140**, orig. 12v system, new tires & battery, cult., orig. paint & sheet metal, disc, plow & bush hog, \$5,700. Tiny Simpson, Kernersville 336-830-2322.

**Bottom plow**, \$175; 5 ft pulverizor, \$400; 6 ft scrapes, \$180; 6 ft disc, \$375; 5 ft bush hogs, \$325. James Isley, Julian 336-263-1958.

## FARM EQUIPMENT

**Yoke, handcrafted**, custom made for small breeds of cattle, 56 in., hd hand forged hardware, kept indoors, \$450. Hendrik Smock, Asheboro 336-879-2637.

**Kubota I185 tractor** w/3,824 hrs., 3 pt. hitch, 17 hp diesel eng., 60 in. Woods 159 belly mower, incl. manual, spare wheel, blades, fuel filters, \$2,700. Gary Smith, Burlington 336-883-3598.

**JD 450 loader**, low hrs. main clutch, steer brakes & clutches, new teeth & cutting edge on bucket, \$8,500; Int'l 884 tractor, stored in dry shed, good tires, \$7,500. Tommy Dyson, Mocksville 336-972-8654.

**Cub 42 in. belly mower**, solid, complete unit, \$275; Cub buzz/slab saw, new belt, right angle drive, blade professionally sharpened, \$450 OBO. Dale Harris, Traphill 336-984-1556.

**1971 MF 135**, diesel, no ps, tires FC, runs great, \$3,900; MF 135 diesel tractor, no ps, runs great, tires FC, \$3,900. Gene Penegar, Monroe 704-242-3537.

**Bush Hog front loader** w/bucket, incl. all mounting hardware, \$2,700. Randy Baker, Salisbury 704-619-2233.

**Hydr. fold field cult.**, 24 ft, EC, \$6,000. Randy Clontz, Indian Trail 704-634-5910.

**JD B**, need tires, stored for 6 yrs., \$1,200. Tim Moore, Cleveland 704-798-6845.

**IH Farmall 130**, \$1,500. Chad Meadows, Mooresville 704-807-2940.

**Subsoiler**, repaired, \$75; homemade boom pole, \$75; 5 ft scraper blade, adjustable, \$225; double hay spear, set up side by side like forklift, \$200. Jake Phillips, Concord 704-819-9470.

**Truax flex ii-88** utility grain drill, \$10,500. Gary Hunsucker, Albemarle 704-985-1965.

**Sidehill 6620** combine, 6 cyl. in line diesel, a/c, JD 915 header, tow trailer for header, EC, \$15,000. Wally Saine, Newton 828-234-5958.

**NH 472 haybine**, new sickle, good rollers, GC, \$2,000 OBO. Joe Brown, Hickory 828-455-6741.

**JD 557 rnd baler**, net/twine wrap, \$6,500; Farm Hand grinder mixer, \$1,300; NH 269 sq. baler, \$1,200; NH 256 hay rake, \$1,100. Reagan Hudson, Vale 828-874-3389.

**Int'l 706 diesel tricycle**, \$5,000; AC B w/cult., \$2,500; Ford 4000, 3 cyl. gas, \$5,000; JD 60 propane, GC, \$7,500; Befco pluggler, 6 ft, 10 in., NC, \$900. Henry Currie, Ellerbe 910-334-0404.

**JD 2030 tractor**, recent eng. & fuel pump rebuild, field ready, GC, \$6,000 OBO. Keith McDonald, Ellerbe 910-571-9445.

**Sitrex finishing mower**, 6 ft, basement kept, less than 50 hrs., \$1,000. Michael Williamson, Troy 910-572-3150.

**Case 585d forklift**, 21 ft lift height, 2wd, hydr. tilt & side shift, \$11,000. Zachary Hussey, Robbins 910-639-5545.

## FARM EQUIPMENT

**2006 JD MX8** rotary mower, mid mount, stored in shed, VGC, \$4,500. Neil Frank, Rougemont 919-491-9742.

**2014 JDM506SE** w/front bucket, 37 hrs., LNC, \$37,500. Glenn Pierce, Apex 919-618-8024.

**NI uni corn pickers**, 2-3-4 row models; corn gravity boxes, \$7,500 & up; NI 2 row corn picker w/12 roll husking bed/sheller, gravity corn boxes, \$4,000 & up. Bobby Brannan, Sanford 919-770-1353.

**Balzer 3350 gal.** honey wagon w/vacuum pump for spreading sludge, liquid fert., water, etc., need min. 100 hp tractor to pull when full, \$2,500. Brent Creech, Zebulon 919-801-7561.

**Wheel weights**, fits Ford 3000 tractor, approx. 500 lbs./ea., \$200. William Thomas, Clemmons 336-766-8379.

**Farmall 240 tractor**, runs good, \$2,200. Charles Loftin, Mt. Olive 919-922-3297.

**JD 318 hood**, NC, \$100. Rick Leonard, Fleetwood 828-773-4076.

**Avdo NI 1 row corn snapper**, EC, \$3,000. Carl Potter, Burgaw 910-271-9910.



## Equipment Wanted

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

**Case power unit**, 4-6 cyl., gas/diesel, running/not. David Arron, Snow Camp 336-512-9557 or 213-5537.

**Backhoe**, 9 in., for 2005 Terramite T5C. Charles Barker, Clinton 910-564-4931 or [edina@intrstar.net](mailto:edina@intrstar.net).

**Forks for front end lift** of Kubota 3130 tractor. Earl Smith, Mebane 336-562-5372.

**Ford plow points** for 14 in. plow, number on moldboard is 104409. Frank Norton, Stoneville 336-573-9520.

**Athens 3 bottom disc plow**, 3 pt., GC; pull-type road grader w/rubber tires, GC. James O'Briant, Roxboro 336-599-6529.

**Gleaner f3 combine**, diesel or comparable combine. Jefferson Smith, Asheboro 336-736-4205.

**Ford 900 row crop ps**, complete original system; Ford 900 tractor front weights & box. David Curry, Lexington 336-798-1840.

**Gravity wagon**, 350 bu. or larger, need body in GC, do not need running gear. Fred Robinson, Bessemer City 704-460-3213.

**JD 7 backhoe attach.** for compact tractor w/subframe & brackets. Todd Seaford, Concord 704-785-5188.

**Diesel irrigation pump** & sand filters to set up on vegetable operation. David Anderson, Murphy 828-557-5352.

## EQUIPMENT WANTED

**Front bumper weights** for Ford 3930. Harlan Sawyer, Swannanoa 828-298-8855.

**Sod planter w/seed plates** & fert. attach., 3 pt. hitch, 1 row, VGC. James Lowe, Hiddenite 828-632-8458.

**Tine weeder**, Lely, Kovar, Einbock or Williams, up to 8 ft wide. Brian Hayes, Dunn 910-729-2461.

**Pick up head** to fit NH 892 silage chopper. Lee Johnson, Bladenboro 910-874-4601.

**Power flo unit** to fit JD 54 in. deck, GC. Doug Chappell, Wake Forest 919-266-2201.

**Seed cleaner**. John Sullivan, Mt. Olive 919-738-6442.



## Horses &amp; 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.**

**Wagon w/rubber tires**, fits small horse/large pony, tow bar & shafts, \$800; 1 horse plows, reworked & painted, \$40/ea. Bob Arrington, Hollister 252-903-4108.

**Horse barn for rent**, 12 stalls & lounge room, horse wash room, riding rink & 4 ac pasture, \$100/horse w/\$200 min.; \$450/entire barn & pasture. David Watterson, Lexington 240-498-8054.

**Qh/standard bred mare**, solid dk. bay, 13 y/o, 16h, stout, ride/drive/work, incl. harness, lead line safe for kids or carry big rider all day on trail, \$850. Terry Vuncannon, Summerfield 336-543-3964.

**English saddle**, Steubben Seigfreid, 17 in. w/fittings, VGC, \$500; Crosby Olympia English saddle, 17 in., sof-ride w/fittings, VGC, \$450; Steubben Seigfried English saddle, 19 in. w/fittings, VGC, \$550. Jerry McKenzie, Lexington 336-752-2700.

**Black & white tobiano** foxtrotter, 16 y/o gelding, 15.2 hh, 1,100 lbs., loads, clips, bathes, crosses water, great trail & beginner horse, \$2,750 OBO. Karen Ingram, Gold Hill 704-202-1295.

**Horse boarding**, ample pasture, 3 alt. fields opening on covered paddock, ring, stable, stall, tack room, water, trails, near town, \$150/mo. Steve Beckner, Mebane 919-563-5666.

**Horse boarding**, pasture board w/run-in shelter, round pen, trails, tack room, 2 feedings/day, ref. avail., owner/mgr. on site, \$250/mo.; Bighorn western saddle, model #110, \$200. Mary Ann Harville, Siler City 919-742-5053.

**English leather** all-purpose schooling saddles, GC, pics. avail., \$50-150. Deborah Pearson-Moyers, Hillsborough 919-933-1444.

## HORSES

**Reg. quarter horse female**, 10 y/o; brood mare, 25 y/o thoroughbred, all hooves, utd on shots, pasture fed & stalled at night, \$0-100; 2 western & 1 English saddles, \$400-800. Arnold Clayton, Efland 919-638-4515.



## Horses &amp; Supplies Wanted

**Seasoned trail horse**, must be safe, sane & sound, able to be ridden alone & w/others, gelding at least 15.3, no older than 15. Pauline Rackley, Vass 910-245-2833.



## Farm Labor For Sale

**Farm fencing installation**, any type, woven wire w/wooden posts & board fencing, wildlife fencing, 4, 5 & 6 ft tall, \$6.15/ft & up. David Watterson, Lexington 240-498-8054.

**Portable welding & equip.** repair in central & nw NC, \$40 & up. Kevin Hancock, Advance 336-477-5279.

**Welding & light fabrication**, mobile welding in surrounding areas, 40+ yrs. exp., \$28/hr. Phillip Hicks, Eden 336-612-2974.

**Custom sawing**, band sawed lumber, pine, oak, cedar, walnut, maple, etc., up to 25 ft long, \$0.35/ft & up. Glenn Jones, Winston-Salem 336-817-4325.

**Farm services**, welding & fab/demo repair, barns, silos, install stretch fabric structures/bridges over gullies & creeks, fencing, etc, \$30 & up. Chris Guice, New London 704-961-8126.

**Vertical & horizontal mowing**, fence lines, reclaiming property, ponds & dams, tree lines, etc., \$65/hr. Mary McKenzie, Jackson Springs 910-528-2293.

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

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



## Farmland For Sale

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

**Advertisers must indicate use of land.**

**27 ac in Washington co**, 25 ac mostly oak trees, good for hunting deer, bear & turkey, 4 bd/2ba brick house w/carport & 3 outbldgs., paved rd., \$300,000. Edward Craft, Plymouth 252-927-3618.

**9 ac near Greensboro** w/2 ac pond, 2 room cabin, \$90,000. H. Davis, Elon 336-260-7606.

## FARMLAND

**65 ac in Martin co**, 15 ac cleared, 50 ac cutover wood land, good hunting w/trails, \$130,000. William Modlin, Jamesville 252-792-7709 after 10 p.m.

**17.5 ac in Davidson co**, 1,300 ft rd. front, 2 creeks, 1/2 pond, 14 ac clear, co water, \$210,000. Steve Yarborough, Lexington 336-225-1301.

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

**100+ ac in Rowan co**, barn & shed on site, clear & timbered land, \$580,000. Rhodnick Lowe, Salisbury 704-636-3408 or 202-9605 between 8 a.m.-6 p.m.

**72 ac in northern Iredell co**, 30 ac planted pasture, 2 natural springs & 4th creek, 2,200 sq. ft home w/3 bd/2 ba, secluded, \$465,000. Tim Snook, Statesville 704-881-5340.

**4-10 ac pullet facility** in Stanly co, 13 y/o, VGC, \$300,000. Andrew McSwain, Albemarle 704-983-1859.

**50+/- ac in Vale**, horse barn, 2 natural springs, creek & small pond, all fenced, 900 ft rd. frontage, 2,000 sq. ft house, \$300,000. Susan Reinhardt, Maiden 828-381-2027.

**4.8 ac of Little Warrior Creek**, fenced for horses, potential for bee farmers, 24x24 ft pole barn, 12x12 storage shed, 70 ft Horton mobile home, \$80,000. Carol Bracewell, Boomer 828-612-2837.

**10+ ac in Alexander co**, grass field, timber, paved rd. frontage, creek on rear, \$5,000. Ronald Gwaltney, Hiddenite 828-612-5482.

**110 ac in Moore co**, Candor area, approx. 1/2 in working pasture & remainder planted in loblolly pine, ponds, deer, turkey & other wildlife, old house, \$2,400/ac. Frances Baldwin, Biscoe 910-690-1080.

**57.6 ac in Scotland co** to lease, has soybean & wheat basis, ideal for hay & cow production, \$1,800/yr. Helen Scholl, Hamlet 910-995-1500.

**10 ac, wooded**, mins. to Chatham park, 2 add'l perc sites, good hunting for deer & turkey, 4 bd 2,100 sq. ft doublewide, \$219,500. Nancy Wood, Pittsboro 919-542-0279.



## Farmland Wanted

**Land to lease for 2017** & beyond for deer hunting, all areas considered. Gary Gibson, Lexington 336-470-6563.

**Cropland &/or pasture** land in southern Davidson co & surrounding areas to lease. Brandon Stafford, Denton 336-596-9128.

**Farmland, timberland**, hunting land in Bladen, Pender, Sampson, Brunswick, Duplin, Alleghany & Caswell cos, will pay cash. Mike Wessell, Raleigh 919-801-5383.

## FARM LABOR

**10-20 ac in Ashe co**, Jefferson/West Jefferson area, mostly woods. Jack Simpson, Monroe 704-242-0763.

**100+ ac in Wilkes**, Ashe, or Alleghany cos for hunting. Ray Icenhour, Taylorsville 828-312-6563.

**30-300 ac in Alamance**, Rockingham or Guilford cos for hunting, \$10; land in Warren, Vance, Franklin, North Hampton, Nash or Wake cos for family to deer hunt. Chad Phillips, Taylorsville 828-514-7063.

**40-100 ac in Ashe** or Alleghany co to lease for hunting w/son & grandson, will be good steward of property, Mike Soots, Lenoir 828-638-6678.

**Land to lease for hunting**, ethical hunters, sev. yrs., good land stewards, conservation minded, refs. avail. Mike Gray, Thomasville 828-736-1117 or [mgray03@northstate.net](mailto:mgray03@northstate.net).

**10+ ac in Caswell**, Rockingham or Person cos w/spring or spring fed pond. Matthew Silberman, Mebane 919-225-8549.



## Aquaculture, Supplies &amp; Services

**Aquaculture system** made from ibc totes & 55 gal. plastic barrels, 350 gal., incl. tanks, plumbing, mech. filtration & biomedica, grows approx. 100 lbs. of fish, \$350. Bob Barwick, Greenville 252-558-2006.

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



## Livestock For Sale

**Purebred white dorper** rams, born 04-2016, \$300. M. Ferguson, Harmony 704-546-3345.

**Alpine goats**, wethers & breeding bucks, 6 m/o, dehorned, tame, \$125/ea. M. Smith, Pittsboro 336-376-8137.

**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.

**Blk. Angus bulls**, good bloodline, \$800 & up. Franklin Lednum, Liberty 336-622-2389.

**Angus x cow/calf** pairs, \$1,400; Angus x heifers, \$750. Ronnie Oakley, Mayodan 336-427-3475.

**Reg. Blk. Angus bulls & heifers**, breeding age, bred for low birth, high growth, great EPD's, Freightliner bloodlines, good herd bulls, photos avail., \$1,200 & up. Danny Dennis, Mt. Gilead 910-572-2286.

**Reg. or purebred blk. Angus** heifers & bulls, 878 bloodlines on Traveler 71, \$1,000 & up. Joe Haynes, Statesville 704-838-2990.

## LIVESTOCK

**Simmental & Sim-Angus** bulls, Upgrade & In Dew Time bloodlines, 2 y/o & yearlings, passed bse & current on vacc., \$1,500-3,000. Philip Watson, Bear Creek 919-395-4090.

**Sim-Angus bulls**, born 11-2015, ai out of Select Sire Rancher, calving ease, gentle, ready for service, \$1,800. Jay Hohn Jr., Archdale 336-289-3686.

**Polled Hereford bulls**, \$1,200. Randy Davis, Burlington 336-382-2506.

**Full blood Berkshire & Duroc pigs**, 4 w/o, uncut boars & gilts avail.; barrows & gilts for breeding, 5 m/o, pasture raised & utd on shots, \$75. Josh Brown, Wilkesboro 336-466-6289.

**Red roan shorthorn** plus cow, reg., safe to a Gibbs Sim-Angus bull for summer calf, \$1,700. Phil Rucker, Hamptonville 336-468-1675.

**Kiko % goats**, \$125 & up. Steve Jones, Thomasville 336-475-6539.

**Potbelly/Juliana mix** boars, look mostly potbelly, Free. Leslie Franco, Lexington 336-476-8608.

**Reg. Shetland sheep** ewe lambs, show quality from Handspinner's flock, white, \$300; moorit/brown scurred, \$250. Angela King, Walnut Cove 336-591-5059.

**Boer goats**, born 02-2016, full blood, purebred, herd produced grand champ, all shots, healthy, tame, \$250; fainting goats, \$90. Dodd Linker, Clemmons 336-712-2484.

**Blk. Angus bulls**, reg., 14-16 m/o, bse tested, guaranteed breeders, Reserve, Confidence, Emblazon bloodlines, calving ease, delivery avail., \$2,000 & up. Henry Craven, Seagrove 336-879-2500.

**Jersey/Ayrshire cow**, 7 y/o, broke to hand milk/elec. milker, due to calve end of 02-2017, bred back to blk. Angus bull, gives 4-5 gal. milk/day, \$1,500. Renee Maness, Silver City 336-879-3142.

**Black baldy bull**, born 02-2016, \$800; Hereford bull, born 05-2016, \$550. Jesse Gentry, Mocksville 336-998-3423.

**Simmental & Sim-Angus** herd bulls, black, polled, passed breeding soundness exam, \$2,000-3,000. William Pyle, Franklinton 919-215-5677.

**Balancer bulls & heifers**, 7-10 m/o, blk., docile, \$950. Luke Beam, Lawndale 704-538-1419.

**Nigerian dwarf dairy** goats, raised as pets, gentle, great personalities, some blue eyes, some brown, not for slaughter, \$125-175. Alison Maloney, Peachland 704-579-5021.

**Reg. Angus bull**, 2 y/o, proven, nice & stocky built calves, \$3,000. Sam Seal, Mt. Airy 336-755-9934 before 8 p.m.

## LIVESTOCK

**Blk. Angus & blk. Angus/Simmental balancer** bulls, \$1,500; blk. Angus & Charolais Angus cross heifers, \$750 & up. Randy Baker, Salisbury 704-619-2233.

**Polled Hereford bulls**, 10 m/o-1 y/o, out of reg. stock, \$600-700. Alice Davis, Salisbury 704-855-4930.

**Hereford calves**, bulls & heifers, polled, purebred & gentle, \$600. Jacob Parks, Salisbury 704-857-0483.

**Feeder pigs**, 4 m/o, cut males & females, \$50. Michael Sigmmon, Claremont 828-312-1695 between 9 a.m-7 p.m.

**High % dorper** x katahdin young rams & ewes, ready to breed, healthy, good feet & legs, vacc., \$175-250. Craig Magill, Council 910-512-0051.

**Purebred bull**, born 05-2016, sired by Sitz Upward 9080, grass fed, gentle, \$1,200. Kelly Morgan, Biscoe 910-975-1735.

**Osbald x York hogs**, \$50-150. Woody Starnes, Waxhaw 704-242-4290.

**Angus cattle**, reg. cow/calf pairs, \$1,750; breeding age heifers, \$1,000; breeding age bulls, bse tested ready, \$2,500; reg. Brahman cattle, yearling heifers & cows, \$2,500 & up. Terry McPherson, Graham 919-280-2467.

**Alpine dairy goats**, ADGA reg., cae neg., good milk & show lines w/beautiful udders, 2-3 y/o milkers & yearlings bred to excellent bucks, \$250-300. Montarie Lanier, New Hill 919-362-6411.

**Dwarf Nigerian goats**, born this spring, sweet & playful, handled lots, good milk lines; mini lamanchas, born this spring, good milk lines, \$150 & up. Yvonne Petty, Bear Creek 919-548-4679.

**Reg. Hereford bulls**, out of ai sires Durango, Homegrown, Masterpiece, Stockman, On Target & others, all vacc. & testing, ready to breed, \$2,000 & up. Brent Creech, Zebulon 919-801-7561.

**Mid-size mini Jersey** heifer, dob 05-22-16, polled, reg. pending, a2/a2 pending, \$1,200. Teresa Boone, Fremont 919-920-0876.

**Reg. Angus bulls**, yearling & 2 y/o, high growth, low birth weight, 10x TC, Total Discovery, Net Present Value 6595, Objective, tested & ready, \$1,500 & up. Wayne Wilson, Kannapolis 980-521-6707.

**Blk. Angus**, grain fed, 250-500 lbs., \$2.50/lb. Woodrow Lassitter, Maysville 910-743-2519 or 742-2519.



### Hay & Grain For Sale

**2016 grass hay**, fescue, oats & rye grass, 4x5 rnd bales, approx. 640 lbs., cow quality, \$25-35/ea.; horse quality, \$40-45/ea. Ronnie Brogden, Creedmoor 919-528-1767.

**Grass hay**, horse quality, lg. sq. bales, barn kept, \$10/ea. David Jackson, Gastonia 704-865-3750.

## HAY &amp; GRAIN

**Orchard grass**, fescue, Timothy, clover hay, 4x4 bales, 10% protein, \$35-40/ea.; sq. bales, 14.20% protein, \$5/ea. R. Hanes, Glendale Springs, 336-982-3889.

**Oats hay**, 4x5 rolls, stored inside, \$40/ea. James Isley, Julian 336-263-1958.

**Fescue hay**, 4x4½ rnd bales, barn stored on pallets, \$30/ea. Phillip Fields, Sanford 919-775-5374.

**Fescue hay**, 2016 cutting, 4x4 rnd bales, horse quality, no rain, in barn, \$30/ea. Lee Briles, Asheboro 336-629-6138.

**2016 orchard/fescue mix**, horse quality, sq. bales, \$6-8/ea.; cow & goat hay, \$4-5/ea.; soybean hay, sq. bales, \$5/ea. B. Lindley, Pittsboro 919-742-4009.

**Hay, horse quality**, deliv. avail., \$35/roll. H. Davis, Elon 336-260-7606.

**Mixed fescue**, 4x4 & rnd bales, no rain, sheltered, \$25/ea. Robert Pegram, Greensboro 336-674-3687.

**Oat hay**, lg. rnd bales, \$25/ea. Mike Brown, Greenville 252-355-2463.

**Coastal Bermuda**, baled 2016, in dry storage, horse quality & cow hay, small sq. bales, \$4.50-5/ea.; 4x5 rnd bales, \$40-50/ea. w/delivery avail. Charles Vandiford, Snow Hill 252-753-5450 or 717-8092.

**Peanut hay**, rnd bales, 4x4½, net wrapped, baled behind combine, can deliver 42 bales/load, \$25-30/ea. Larry Bullock, Greenville 252-883-4748.

**Orchard grass mix**, quality sq. bales, in barn & no rain, \$4-5/ea. Bennie Hopkins, Burlington 336-202-1079.

**Fescue**, spring cutting, 4x4 rnd bales, \$30/ea. Lloyd Roberts, Denton 336-209-4020.

**Fescue**, Johnson grass & big blue stem hay, 4x5 rnd bales, delivery avail., \$20/ea. Russell Dale, Burlington 336-214-5621.

**Fescue/orchard grass mix**, horse quality, rnd bales, \$35/ea.; sq. bales, \$5/ea.; alfalfa, sq. bales, \$7/ea. Johnny Sowers, Lexington 336-239-3020.

**Mixed grass hay**, 4x4 rnd bales, \$25/ea. Tony Dabbs, Yanceyville 336-260-1149.

**Hay, 4x5 rnd bales**, horse quality, never wet, in barn, delivery avail., \$45/ea. Aaron Rumley, Burlington 336-263-8226.

**Orchard grass/fescue** hay, horse quality, no rain/weeds, stored in barn, 4x5 rnd bales, delivery avail., \$40/ea. Jay Hohn Jr., Archdale 336-289-3686.

**Alfalfa, orchard grass & timothy** hay, wire tired, sq. bales, approx. 75 lbs., \$10/ea. Tim Lilly, Stoneville 336-362-9078.

**Mixed fescue hay**, sq. bales, \$4/ea.; rnd net wrapped, \$35/ea. Gerald Rayle, Pleasant Garden 336-382-3732.

**Fescue**, sq. bales, at barn, \$4.50/ea. B.R. Ferguson, Charlotte 704-545-6237.

## HAY &amp; GRAIN

**2016 mix hay**, fall cutting, horse quality, no rain, stored under pole barn, sq. bales, \$5/ea. William Fowler, Greensboro 336-402-1177.

**Fescue hay**, sq. bales, horse quality, 2016 crop, never wet, in barn, \$4.50/ea. Steve, Ramseur 336-403-4930 or 408-5450.

**Alfalfa, horse quality**, 18% protein, \$9.25/ea; alfalfa & orchard mixed, \$8.25/ea.; orchard grass, \$7.25/ea. w/delivery avail. Harden Phipps, Julian 336-446-6817.

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

**Fescue, horse quality**, spring & fall 2016 cutting, no rain, at barn, qty. disc., \$4.50/ea. Keith or Don, Elon 336-516-8189 or 213-3138.

**Orchard/fescue mix**, 2016 cutting, sq. bales, \$4.25/ea. Sylvia Reid, Welcome 336-731-4015.

**Fescue hay**, rnd bales, 4x5, sheltered, 2016 cutting, \$30/ea. Jerry Weisner, Lexington 336-731-4769.

**Orchard/fescue mix**, sq. bales, in barn, \$5/ea. R.A. Eaton, East Bend 336-793-6500.

**Mixed grass hay**, 4x4 rolls, \$40/ea.; sq. bales, \$3.50/ea. w/delivery avail. for smaller amounts. David Moore, Sumnerfield 336-908-0591.

**Fescue mix**, horse quality, 4x5 rnd bales, delivery 25 mi. radius for additional charge w/10+ bale purchase, \$40/ea. Michael Baucom, Oakboro 704-242-0387.

**2016 hay**, spring & fall cutting, good for horses & other animals, 4x5 bales, kept dry, no weather related damage, delivery available for reasonable fee, \$50/ea. Gary Goodin, Harmony 704-539-5659.

**Millet hay**, 4x5, \$25/ea. Chad Meadows, Mooresville 704-807-2940.

**Fescue, horse quality**, 1st cutting, fert., sprayed for weeds, no rain, stored in dry, \$40/ea. Alice Davis, Salisbury 704-855-4930.

**Fescue hay**, 2016 cutting, in barn & no rain, 4x5 rnd bales, \$45/ea. Robert Connell, Concord 704-918-0846.

**Barley baleage**, 4x4 rnd bales, 50% dry matter, 13.41 protein, 62.91 tdn, \$50/ea.; millet baleage, 4x4 rnd bales, 50% dry matter, 13.41 protein, 62.91 tdn, \$45/ea. Clint Millsaps, Hiddenite 828-217-6063.

**Broome & alfalfa**, horse quality, 3x3x8 bales, good quality, high protein, 800-900 lbs./bale, \$90 & up. Derek Teague, Catawba 828-446-6111.

**2016 Coastal Bermuda** horse hay, barn stored, sq. bales, \$5/ea.; 4x5 rolls, \$40/ea.; lg. sq. bales, \$70/ea.; wheat straw, sq. bales, \$3.50/ea. w/deliv. for extra fees. Donnell Kornegay Jr., Mt. Olive 919-222-2991.

**Fescue/grass cow** hay, 4x5 rnd bales, \$35/ea. Larry Decator, Pittsboro 919-444-4071.

## HAY &amp; GRAIN

**Coastal Bermuda hay**, 4x5 rnd bales, good quality cow & horse hay, barn stored, no rain, \$30-40/ea. Carl Hinzman, Cameron 919-499-5799.

**Mixed orchard**, fescue, lespedeza, no rain/weeds, sq. bales, \$6/ea. Steve Beckner, Mebane 919-563-5666.



### Poultry & Supplies For Sale

#### Highly pathogenic avian influenza alert

In 2015, HPAI was found in the wildfowl population in the United States, representing a risk for poultry owners. At this time no cases have been found in North Carolina.

Poultry owners are encouraged, however, to watch their birds for any signs of illness and to contact a veterinarian if they find sick birds.

Growers can also contact one of four NCDA&CS regional veterinary diagnostic labs for more information. Go to [www.ncagr.gov/vet/ncvdl/VetLabFacilitiesDirectory.html](http://www.ncagr.gov/vet/ncvdl/VetLabFacilitiesDirectory.html) for contact information.

As this disease can spread by infected wildfowl, it is important to eliminate opportunities for your birds to come in contact with wild birds.

Owners are also urged to be extra mindful of biosecurity measures to prevent the spread of this disease.

This includes quarantining any new poultry additions from your existing flock for two to three weeks to observe for signs of sickness, have a dedicated pair of shoes and clothing for working with birds that stay on your property, be mindful if driving onto property with poultry as the disease can spread by vehicles. More information about HPAI can be found at [www.ncagr.gov/avianflu](http://www.ncagr.gov/avianflu).

**Brown leghorns**, blk. australorps, wyandottes, 2016 hatch, \$15/ea.; India blue peacock, \$75. M. Smith, Pittsboro 336-376-8137.

**Quail**, Gambel, California, Blue Scale, Mexican Speckled, jumbo, silver & white bobwhites, Snowflakes, albino & gray & red Chukars, Rock & Silver Philby & Barbary, \$1.50 & up. Jimmy Furr, Stanfield 704-888-0213.

**Birmingham roller pigeons**, performance bred, great spinners, \$10 & up. D.R. Dennis, Randleman 336-498-5034.

**Peafowl**, \$125 & up; purple guineas, \$10 & up; pheasants, \$50 & up; Bobwhite quail, \$3.50 & up. Alvin Lowery, Rowland 910-301-2298.

**Bantams**, Buff Bahama & barred rocks, \$30/pair. James Wicker, Erwin 910-897-7612.

**Peacocks**, \$55 & up; guineas, \$12/ea.; roosters, 5+, \$2/ea. Roy McLamb, Linden 910-893-3012.

## POULTRY FOR SALE

**Barred rock**, golden laced wyandotte, silkie blue & black, black australorp, maran blue & black chicks, \$2. Sandra Sykes, Dobson 336-374-3311.

**Bobwhite quail**, 4 m/o, \$4. Josh Brown, Wilkesboro 336-466-6289.

**Birmingham roller pigeons**, asst'd colors, beautiful markings, buy 4 & get 2 free, \$15 & up. Jimmy Shermer, Jonesville 336-526-1360.

**Diamond doves**, mated pairs, \$50; single birds, \$20. Marvin Haynes, Eden 336-627-4952.

**Rhode Island Reds**, \$10; Ameraucanas, \$10; golden seabright bantams, \$15. Joe Snow, State Road 336-648-5997.

**Blue Ameraucana trio**, hens from Wayne Meredith line, \$75/trio. Lynne Howell, Ellerbe 910-206-0513.

**Royal mute swan** female, 3 y/o in spring, \$400. Jason Jackson, Dunn 910-242-6526.

**Adult guineas**, 4 m/o & up, 2016 hatch, \$8. Charles Moore, West End 910-295-6953.

**Flight & weather** condition quail, \$4. George Parker, Lumberton 910-374-8176.

**KMC poultry house** wall cleaner, \$1,500. Jason Haywood, Mt. Gilead 910-571-1875.

**American fantails**, white, Indian fantails, mixed colors & pigmy pouters, mixed colors, \$5/ea. Dale Teal, Raeford 910-875-3479.

**2-40x500 ft chicken** houses, steel trusses, 8 ft on center, val water drinkers, heaters feed lines, tunnel fans, 4 feed bins, must be moved off farm, \$19,999 OBO. Steve Lancaster, Pikeville 919-778-4417.



## Poultry &amp; Supplies Wanted

**Golden seabright bantams**, pair. Steve Thornburg, Asheboro 336-953-1722.

**White peking male** duck needed for full grown female duck. Otto Schumacher, Wake Forest 919-247-3400.

**Dom gamefowl** trio, 1 rooster & 2 hens for breeding. Earlie Mitchell, New Hill 919-362-7348.



## Seeds &amp; 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.

**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.

## SEEDS &amp; PLANTS

**Liriope plants**, \$0.75/ea. John Hood, Greensboro 336-621-4954.

**Midwest Growmaster** ebb & flow benches, 6x24 ft & 6x30 ft, GC, pump & tank incl., \$600-800/ea. Joan, Timberlake 336-364-2460.

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

**Muscadine & scuppernong** plants, healthy, potted, 2 y/o, 5-6 ft tall, incl. planting & trimming instructions, \$15. Bob Whitaker, Mocksville 336-751-3794.

**Heirloom Georgia rattlesnake** watermelon, large, oblong sweet melons, good producer, great for making rind pickles & eating fresh, 25 seeds/order w/SASE, \$0.75. Kristen Altamirano, 422 East 23rd St., Kannapolis, NC 28083.

**Dixie Lee pea seed**, cleaned, 50 lb. bags, \$35. Randy Clontz, Indian Trail 704-634-5910.

**Wildlife tree seedlings**, sawtooth oak, gobbler oak, crab apple, apple, persimmon. sizes, 2-3 ft, \$1.50; 3-4 ft, \$2; 4-5 ft, \$3; all sizes gobbler oak, \$3. Glen Parker, Mooresville 704-677-3458.

**Heirloom greasy long** cut green bean seeds, \$8/300 seeds; heirloom casper eggplant seeds, \$3/30 seeds & postage paid. Furman Nicholson, 314 Stanley Haven Ln., Hendersonville, NC 28739.

**Sorghum cane seed**, red top, late orange & m81e, untreated, \$7.50/lb.; treated, freezer kept, \$9.50/lb. Larry Stout, Waynesville 828-456-9934.

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

**Blueberry plants**, liners, 1-3 y/o, early, mid & late season, many varieties, disc. w/ lg. orders, \$0.75-15. Michael Crippen, Garland 910-529-1469.

**Large blueberry plants**, O'Neal, star & New Hanover varieties, 3 gal. pots w/planting instructions, \$15. Sherri McNeill, Robbins 910-585-0656.

**Camellia japonica**, asst'd colors, \$5; camellia sasanqua, \$4; azaleas, asst'd colors, 5/\$10. Jim Gibson, Ellerbe 910-652-6154 or 817-1156.

**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.

**Tuberose bulbs**, single Mexican, polianthes tuberosa, 100+ bulbs/box, growing instructions incl., \$50. Cathy Reynolds, Salisbury 980-234-2515.



## Seeds &amp; Plants Wanted

**Old timey double** red poppy seeds, \$5-10. Edward Wallace, Mt. Holly 704-931-4331.

## SEEDS &amp; PLANTS WANTED

**Old timey black heart** cherry tree seedlings. Ernest Harrington, Taylorsville 828-632-7144.

## Small Animals

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

**Missouri cottontail** rabbits, \$8. Scott Bryant, Raleigh 919-761-3075.



## Supplies For Sale

**Direct current generators**, 2,000w & 5,000w, 230v at 1,750 rpm, \$95-125 OBO. Bill Payne, Madison 336-548-6630 from 6-9 p.m.

**Outdoor pig feeder**, round w/cover & hood, holds approx. 150 lbs., Free. Bobby Langley, 4345 S. Halifax Rd., Rocky Mount, NC 27803.

**Corn sheller**, hand cranked w/wood cabinet, \$125. Thomas Cotner, Siler City 919-742-3446.

**Graco air grease gun**, 120 lb. barrel on rollers, VGC, \$400. Wayne Huffman, Hickory 828-294-3100 or 308-0794.

**Solid split chestnut** rails, 10 ft, in barn, \$12/ea. R. Hanes, Glendale Springs, 336-982-3889.

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

**Corn stove**, model 4100, slightly used, \$1,000. A.J. Salmon, Harmony 704-546-2487.

**Plastic barrels** w/lids & rings, \$15/ea.; metal burning & solid top barrels, \$10/ea.; 275 gal. totes, \$90/ea.; 100 & 200 gal. stainless steel tank on legs, \$700. Jeff & Lisa Brittain, Hickory 828-327-4782.

**Oil drums**, 275 gal., cleaned, all caps & stand, good for oil/cookers, \$200/ea.; property irons, 18 in., \$1/ea.; 10 in., \$0.75/ea. John Hood, Greensboro 336-621-4954.

**Champion No. 40** geared blacksmith forge blower, VGC, \$150. W.T. Norman, Sandy Ridge 336-871-2093.

**Hi-tension wire**, 2000 psi, 4,000 ft/roll, NC; hi-tension supplies, \$85/roll; treated posts, 10 ft, 6x7, NC, \$20/ea. John Gregory, Dunn 910-824-2784.

**Steel beams**, c-beams, 5x12 ft, i-beams, 3/8x3 1/2x6 x 10 ft, i-beams, 3/8x8x18 ft; i-beams, 3/8x14x20 ft, \$500. Steve Yarborough, Lexington 336-225-1301.

**Greenhouse float trays**, 288 cell, used 1 yr, \$0.25. Willie Gammons, Mt Airy 336-351-6769.

**Cummings industrial generator**, diesel, 60000w, 6 cyl., auto start up, GC, \$4,000. Denson Jones, Bennett 336-581-3590.

**Powder River cattle chute**, portable w/palpation cage & trailer, maintained under shelter, no rust, \$3,500. John Wrape, Asheboro 336-625-2313.

## FARM SUPPLIES

**Cedar fence posts**, 7 ft, round, split & corner posts, \$4-6. Steve Miller, Lexington 336-764-2405.

**Band sawn lumber**, timbers, beams, pine, oak, walnut, poplar, ambrosia maple, cedar, white oak trailer flooring, etc., \$1/ft & up. Glenn Jones, Winston-Salem 336-817-4325.

**Generator**, 18,000 kw, pto, \$750; 1.5 cu ft soil mixer, \$750. Madeline Allen, Ramseur 336-879-3173.

**Aermotor windmill**, 40 ft, 8 ft mill, will pump water, \$4,600. Hal Garmon, Davidson 704-363-6059.

**Used 5v tin**, \$0.70/lin ft.; early 1900 goat wagon, \$500; bu apple crates, \$8/ea. Rick Leonard, Fleetwood 828-773-4076.

**Rail fencing**, saw split hemlock rails, \$7; 3x3 in. hemlock rails, \$8.50; 2 hole locust line posts, \$9; others avail. Eddie Moretz, Deep Gap 828-963-0883.

**Clear span greenhouse/high** tunnel, 12 ft high x 26 x 48 ft, \$1,500. Mike Hubbard, Bolivia 910-538-8739.

**Farnhand Feedmaster 825** feed mill, \$500. Jason Haywood, Mt. Gilead 910-571-1875.

**Nursery pots**, 3 gal., \$0.35; 2 gal., \$0.25. Jim Gibson, Ellerbe 910-652-6154 or 817-1156.

**Gilmore weaving loom** & bench w/drawer, EC, \$700. Helen Council, Durham 919-418-9072.

**Steel trusses**, bar joists, 23 ft x 10 in. x 16 in., \$115/ea.; 19 ft x 13 in., \$95/ea.; portable gas generators, 11 hp, \$500. Kevin & Nancy Wood, Pittsboro 919-542-0279.

**Martin gourds**, apple gourds & gourds for crafts, good selection, \$1.25 & up. Glenn McElveen, Gamer 919-772-2785.

**Grain bin**, cone bottom & galvanized steel, approx. 570 bu, 20 ft tall, \$425; 15 ft grain auger w/elec. motor, \$250; 11 ft grain auger w/elec. motor, \$200. J.L. Bowden, Willow Spring 919-819-5937.



## Supplies Wanted

**Dixie rack tobacco** curing barns. Brent Strickland, Louisburg 252-213-2667.

**Terrace Farm milk bottles**, any size. James Davis, Lexington 336-247-1554.



## Trucks &amp; Trailers For Sale

**1999 Chevy 3500** crew cab, long bed, 5th wheel, 454 gas auto., 103K mi., 44K on eng., \$11,500. Buster Harrison, Midway 336-764-1459.

**1988 Ford Ranger**, 4 cyl., no rust, 105,217 mi., \$800. D.S. Taylor, Summerfield 336-951-3712.

**1989 Chevy C 60**, \$2,850. Brent Strickland, Louisburg 252-213-2667.

**Tobacco harvesting trailers**, GC, \$150/3. Mary Lou Stewart, Pilot Mountain 336-374-2747.

## TRUCKS &amp; TRAILERS

**Truck grain sides**, 141 in. x 45 in., tail gate, 90 in. w/3 metal grain doors, plywood, VGC, \$100. Russell Forte, Locust 908-581-0870.

**2000 Int'l 4700** flat bed dump, 466e diesel, Allison auto., ac, 112K mi., \$15,500; 1995 Chevrolet 7500 box dump, 3126 cat eng., ac, 121K mi., \$9,500. Walter King, High Point 336-418-0015.

**1967 2 ton** dump truck, 12 ft bed, 327 eng.; 1966 1/2 ton long bed pickup, 250 6 cyl., both FC, \$2,500. Jefferson Smith, Asheboro 336-736-4205.

**1995 Ford F-350**, 7.3L diesel, 123K mi., 2wd, 5 sp. overdrive, gooseneck hitch & 5th wheel hitch, EC, \$10,000. Wade Hutchens Jr., East Bend 336-961-2708.

**1988 GMC C-60** 2 ton logging truck w/gvw of 25,160, runs & drives great, 366 big block eng., disc brakes, \$5,000. Kyle Kiker, Concord 704-425-7880.

**Mack 50 gal. alum.** fuel tank, mfg by Borg Warner, serial #ba 020163143, no dents, needs polish, \$350; tires mounted on Ford 13 in. wheels, 175-70-r 13, \$125. Robert Hallamore Sr. Norwood 704-474-0307.

**1990 Chevy C60** w/14 ft dump, 5 spd. trans., single speed rear axle, 19,500, gvw, 68K mi., 24 in. sides, \$5,995. Keith Black, Midland 704-888-2983.

**1994 Ford**, 16 ft flatbed, air brakes, 2 spd. rear end, \$8,000; 1992 F250 4x4 ext. cab, \$3,500. Henry Currie, Ellerbe 910-334-0404.

**1990 Int'l flatbed mobile** welding shop on wheels, truck comes w/boom crane, welder, torch set, generator, GC, \$10,000. Cindy Cook, Jacksonville 910-347-0051.

**1995 Ford F150 XL** w/125,957 mi., 2wd, auto trans., reg. cab, good tires, runs good, \$4,250. J.L. Bowden, Willow Spring 919-819-5937.

**1969 T-25 crane**, compl. rebuild, easy to operate, reliable, pics. avail., \$28,000; 1966 Ford F750 tandem dump truck, VGC, \$6,500. James Harris, New London 980-581-0308.

**Chevy 1 ton** dump, \$4,000. Alex Nelson, Oak Ridge 336-643-1160.



## Trucks &amp; Trailers Wanted

**Dump trailer**, approx. 6x12 or more w/hydr. lift. Silvia Kramar, Youngsville 919-613-3894.

**Tilt equip. trailer**, 20 ton. Brent Strickland, Louisburg 252-213-2667.

**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](http://www.ncagr.gov/blog), where you can also find social media links.**

# NCDA&CS Meat and Poultry inspectors focus on food safety

*Special feature from the NCDA&CS In the Field blog*

Nestled in a barn on the Nahunta property in Pikeville are more than 8,000 hams in various stages of curing.

Before country ham gets to your table, it passes meat inspections by the N.C. Department of Agriculture and Consumer Services. At Nahunta Pork Center, two full-time NCDA&CS inspectors ensure humane slaughter and safe handling of the company's meat products.

Paul Fredricksen and Tammy Thornton are the two inspectors assigned to Nahunta. Fredricksen is the inspector for the processing side, and Thornton is the inspector on the floor of the slaughter side.

Thornton's days often begin at 4:30 a.m. It's her responsibility to observe every animal before slaughter at rest and in motion, ensure humane handling during the slaughter process, and to check vital organs afterwards for signs of infection or abnormalities.

Fredricksen's duties include checking to ensure that food is being processed at a temperature below 45 degrees, is labeled correctly, and that handling of the meat is safe and sanitary. If a problem is found, inspectors stop operations, take control of the product and do not release it until corrective action has been made. He gets to work early, often by 5 a.m., to observe pre-operation sanitation procedures.

Nahunta processes 500 pigs or more per week for a variety of pork products, including sausage, bacon and country ham.



Top photo, NCDA&CS meat and poultry inspector Paul Fredricksen looks over curing country hams at the Nahunta Center to ensure they are being prepared properly. Bottom, hams await packaging.



"Hogs that are used for country hams for Christmas are slaughtered in summer and spend a few months, or longer, curing," said Brandon Pearce, owner of the Nahunta Pork Center. "Hams are cured with a mixture of salt, sugar and sodium nitrate."

A salt/sugar mixture is rubbed on the ham and it's placed on a wooden shelf in a cold storage area where temperatures are

kept around 45 degrees. Unlike many food prep areas that must be stainless steel or another non-porous surface, hams are cured on hardwood shelving because the salt mixture could react with metal shelves.

"You let the salt penetrate the ham for about a day and a half per pound, and then rinse and salt again," Pearce said. "Hams will often be salted and rinsed

up to five times. We then use an ice pick to penetrate the ham to make sure it's cured all the way through. Hams are then hung in a drying room, kept about 80 degrees, to finish the curing process. A 50-pound ham could be cured for up to a year. After a ham is properly cured, it is ready to eat and can last indefinitely."

When asked if curing hams is an art or a science, Pearce's re-

ply was yes. "How to preserve a ham is spelled out in regulation," he said. "The hams are required to cure a certain amount of time and to lose a certain amount of water weight. But we are not restricted for how long a ham cures and we have a lot of experience."

Plant safety operations, and state inspectors, ensure these regulations are met for all products being sold.

"Our meat and poultry inspectors play a vital role in the livestock and meat industry in our state," said Dr. Beth Yongue, assistant director of the Meat and Poultry Inspection Division. "We have 85 inspectors located across North Carolina whose job is to supervise the humane slaughter of animals and to make sure the processing plant is in compliance with state and federal laws. Some places, like Nahunta, have their own inspectors assigned. Others share inspectors with other plants. However, facilities that slaughter must have a state inspector on site during operation."

"We pride ourselves on selling everything but the oink in our meat cases," Pearce said. "This includes chitterlings (pronounced CHIT-lins), souse meat, cracklins, liver pudding and even Tom Thumb, which is hog appendix stuffed with sausage."

Nahunta pork products are available at the retail center in Pikeville and at the State Farmers Market in Raleigh. The company also delivers its product to about two dozen restaurants, including Wilber's Barbecue in Goldsboro.

## N.C. Forest Service lifts burn bans across the state

Fire experts with the N.C. Forest Service say rain helped reduce the fire danger in the North Carolina mountains and Piedmont, prompting the agency to lift the ban on open burning for 47 counties.

The burn ban has been lifted in Alexander, Alleghany, Anson, Ashe, Avery, Buncombe, Burke, Cabarrus, Caldwell, Caswell, Catawba, Cherokee, Clay, Cleveland, Davidson, Davie, Forsyth, Gaston, Graham, Guilford, Haywood, Henderson, Iredell, Jackson, Lincoln, Macon, Madison, McDowell, Mecklenburg, Mitchell, Montgomery, Polk, Randolph, Richmond, Rockingham, Rowan, Rutherford, Stanly, Stokes, Surry, Swain, Transylvania, Union, Watauga, Wilkes, Yadkin and Yancey counties.

"Fire experts with the N.C. Forest Service have looked closely at all the counties under a ban on open burning and are comfortable the recent rains have helped lessen the fire danger," said Agriculture Commissioner Steve Troxler. "However, people should continue to use caution with campfires and when burning yard debris."

The N.C. Forest Service will continue to evaluate



fire conditions across the state, Troxler said.

Those looking to burn yard debris will need to apply for a burn permit, even if one had already been issued prior to the ban.

Many counties are also imposing their own local ordinances prohibiting burning within 100 feet of an occupied dwelling, such as your home, so residents should call their local fire marshal before engaging in any burning activities. Outdoor burning is also prohibited in areas covered by Code Orange or Code Red air quality forecasts.

While rainfall and lower temperatures have reduced fire danger, the precipitation has not ended drought conditions in the state. If the state continues to have warmer temperatures, below-normal precipitation and drought, and there is an increase in the number of wildfires, the ban on open burning could be reinstated.

Based on North Carolina's open burning laws, the N.C. Forest Service offers these tips to landowners:

Make sure you have an approved burning permit. You can obtain a burning permit at any N.C. Forest Service office, a county-approved burning permit agent, or online at [ncforestservice.gov](http://ncforestservice.gov).

Check with your county fire marshal's office for local laws on burning debris. Some communities allow burning only during specified hours; others forbid it entirely.

The national forests, national parks and state parks

might also have recently put burn bans in place.

Please check with them if your intent is to have a campfire on property they manage.

Check the weather. Don't burn if conditions are dry or windy.

Consider alternatives to burning. Some yard debris such as leaves and grass may be more valuable if composted.

Open burning includes burning leaves, branches and other plant material. In all cases, it is illegal to burn trash, lumber, tires, newspapers, plastics or other non-vegetative materials. Trash should be hauled away to a convenience center.

Plan burning for the late afternoon when conditions are typically less windy and more humid.

If you must burn, be prepared. Use a shovel or hoe to clear a perimeter around the area around where you plan to burn. Keep fire tools ready. To control the fire, you will need a hose, bucket, a steel rake and a shovel for tossing dirt on the fire.

Never use flammable liquids such as kerosene, gasoline or diesel fuel to speed debris burning.

Stay with your fire until it is completely out. In North Carolina, human carelessness leads to more wildfires than any other cause. In fact, debris burning is the number cause of wildfires in North Carolina.

For more information, contact Brian Haines, NCFS public information officer at 919-857-4828.