

Agricultural REVIEW

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November 2014

Raleigh, N.C.

Southern Farm Show Feb. 4-6

The Southern Farm Show will be held Feb. 4-6 at the State Fairgrounds in Raleigh with more than 400 companies exhibiting agricultural equipment, technology and services.

Visitors can see cowdog demonstrations daily at 9:30 and 11:30 a.m. and 2:30 p.m. and enjoy bluegrass music by Brothers n' Bluegrass at 11 a.m. and 1 and 2:30 p.m. in the Jim Graham Building.

The event, which is the largest agricultural show in the Carolinas and Virginia, is free.

A number of special events and meetings will be held during the Southern Farm Show, including the FFA Tractor & Truck Driving Competition Feb. 5 at 11 a.m. in the Hunt Horse Complex, equipment displays by the National Tractor Pullers Association & United Pullers of the Carolinas and the Southern National Draft Horse Pull on Feb. 6.

The annual Ag Development Forum will be held Feb. 5 at 9:30 a.m. in the Holshouser Building, with Commissioner Steve Troxler providing an update on the state of agriculture in North Carolina.

There will also be meetings of the N.C. Pork Council, the Tobacco Growers Association of North Carolina and the N.C. Soybean Producers Association.

Peak-season soil fee period begins Nov. 26

Growers and home gardeners or landscapers are reminded to send in their soil samples to the N.C. Department of Agriculture and Consumer Services' Agronomic Services Lab by Nov. 25 at 6 p.m. to avoid upcoming peak-season fees.

There will be a \$4 fee per sample received during the lab's peak-processing time of Nov. 26 through March 31. Samples received before Nov. 25 or after March 31 will be processed without a fee. Most soil samples for home grounds and gardens can be collected April through November when the fee is not in effect.

"We implemented the peak-season fee in 2013 to better manage the processing of soil samples and help ensure growers get their information in time to plan for the upcoming season," said Agriculture Commissioner Steve Troxler. "We found that many people turned in their samples earlier, spreading the

workload over more weeks and lessening a late rush of samples that created backlogs for testing in the lab."

In 2013-2014, the Soil Testing Section analyzed around 330,000 samples, with turnaround times of one to two weeks by the first of February. In previous years, there was still a significant backlog of samples to be processed through mid to late March, making it difficult for growers waiting for results to plan for nutrient applications.

During the fee period, sample drop-off times at the Eaddy Building will be between 6 a.m. and 6 p.m., Monday through Friday. There will be no after-hours access on the weekends.

Growers are encouraged to submit sample information forms online and pay with a credit card using a secure online payment



Soil samples await testing in the lab.

service called PayPoint. Online submission can be accessed through the PALS homepage at www.ncagr.gov/agronomi/PALS/

after a user account is established under the Utility link. Payment can also be made with an escrow account.

If faster turnaround time is needed, the lab offers an expedited soil testing service on a limited basis. Growers can purchase expedited shippers, which can hold up to 36 soil samples, for \$200 each while supplies last.

These shippers come with a guaranteed turnaround time of two weeks upon delivery at the lab, excluding the Christmas holiday where three weeks is guaranteed. Samples arriving in expedited shippers are excluded from the peak-season fee.

Contact the Agronomic office at 919-733-2655 for questions about peak-season soil testing fees, online sample submission, escrow accounts or the purchase of expedited shippers.

Fall is a fantastic time of year to enjoy farm fun

From pumpkin patches and hayrides to apple picking and corn mazes, agritourism farms across the state are offering a bounty of fall fun for the whole family.

"Agritourism is a fun way for people to learn more about agriculture, and it is a great way to help North Carolina farmers add

value to their operations," said Agriculture Commissioner Steve Troxler. "With nearly 700 agritourism farms across the state, it's easy to visit a farm near you."

The N.C. Department of Agriculture and Consumer Services offers an online directory for individuals looking for agritourism experiences at www.visitncfarms.com.

The directory is organized by county with categorical listings for types of farm operations, seasonal products and activities offered. Families can find farm activities down the street, or plan a trip to a different region of the state.

During the fall, many farms offer pumpkin patches

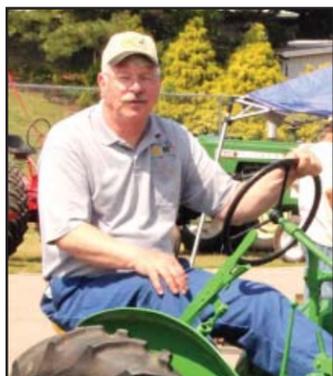
and pick-your-own apples, as well as hayrides, crop mazes and farm-to-table dinners.

And Christmas won't be too far off, with many farms offering pick-your-own Christmas tree operations.

To find events and more information about agritourism, go to www.visitncfarms.com.

From the tractor

by Agriculture Commissioner Steve Troxler



Commissioner Troxler

One of my favorite things to do as Commissioner of Agriculture is to get out on farms and meet with the families who produce the food and fiber we all depend on. In September, I had just such an opportunity at Rockin' B Farm in the Randolph County town of Staley.

Rockin' B is a multi-generational farm specializing in pasture-raised pork and grazed Santa Gertrudis beef. The

farm was honored as the 2014 Outstanding Conservation Farm Family by the N.C. Association of Soil and Water Conservation Districts.

Mickey and Shelly Bowman and their family are extremely deserving of this award. It's great to see farms like Rockin' B that have been able to make things work. It takes a lot of innovation, thinking outside the box and finding your niche to be successful, and that's what the Bowmans have done.

They successfully transitioned their farm from poultry production to pork and cattle, and have even opened a specialty market for their products. They also have found that implementing best management practices and having an up-to-date conservation plan makes their farm more efficient, sustainable and profitable.

These things go hand in hand. I encourage more farmers to do like the Bowmans and work with local Natural Resources Conservation Service offices, Soil and Water Conservation Districts, regional agronomists and cooperative extension agents. All these resources are available to help farmers be more efficient and profitable.

As the Bowmans can attest, agriculture is hard work, but it's also rewarding. It's satisfying to know that you grow the food that feeds someone else. And with the world's population continuing to grow rapidly, you are likely not just feeding your neighbors, you may be feeding people around the world.

Not only are we blessed with fertile land that provides food and jobs for our residents, but we are also blessed to live in a beautiful

state.

We have the mountains in the west, rolling hills in the Piedmont and the spectacular coast. Across the state, we have open farmland and forestland that gives our state a lush, green feel. The bulk of this open space is privately held by farmers and landowners just like the Bowmans.

Farmers understand the importance of protecting the land and conserving water resources, because they rely on both for their livelihood.

Events such as the Conservation Farm Family Celebration give us a tremendous opportunity to talk about what agriculture means to each of us. They also give us a reason to honor the hard work and determination it takes to farm and earn a living from the land.

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Bucolic briefs

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 CSAs that are members of the Goodness Grows in NC/Got to Be NC programs. Membership in 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.

Two Johnston County horse show series, one an open class and the second a hunter class, have been announced. The hunter show is Nov. 8, and the open horse show is Nov. 22. Events are held at the Johnston County Livestock Arena in Smithfield. For more, go to www.blaine-mclaughlin-stables.com or call Michele McLaughlin at 919-934-1344.

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

This year we will return to 12 issues of the newspaper. The deadline for the December issue of the Agricultural Review is Nov. 3; the deadline for the January issue is Dec. 1.

Livestock winners at the Mountain State Fair announced

The following were winners in beef, goat and sheep competitions held during the 2014 N.C. Mountain State Fair.

Open Brahman Show

- Grand champion female shown by James Dobbins of Rutherford County.
- Reserve grand champion female shown by Jolee Catheart of Buffalo, S.C.
- Grand champion bull shown by Amy Williams of Rutherford County.
- Reserve grand champion bull shown by Rachel Catheart of Buffalo, S.C.

Open All Breed Heifer Show

- Grand champion heifer shown by Kelsi Cartwright of Buncombe County.
- Reserve grand champion heifer shown by Charli Burlison of Buncombe County.
- WNC District Junior Market Steer Show
- Grand champion shown by Katie Gibson of Macon County.
- Reserve champion shown by Shianne Freeman of Buncombe County.

WNC District Jr. Feeder Calf Show

- Grand champion shown by Kelsi Cartwright of Buncombe County.
- Reserve champion shown by Katie Gibson of Macon County.

WNC District Jr. Beef Showmanship

- Non-competitive beef showmanship was presented to Brayden Roberson of Buncombe County, Jackson Reeves of Buncombe County and Jeremy Taylor Jr. of Henderson County.
- Junior beef showmanship was presented to Sage Austin of Yancey County.
- Intermediate beef showmanship was presented to John Ellis of McDowell County.
- Senior beef showman-

ship was presented to Brandy Prestwood of Caldwell County.

WNC District Jr. Beef Heifer Show

- Grand champion commercial shown by Jacob Burlison of Buncombe County.
- Reserve grand champion commercial shown by Jordan McAninch of Buncombe County.
- Grand and reserve grand champion Hereford shown by Brandy Prestwood of Caldwell County.
- Grand champion Angus shown by Brandy Prestwood of Caldwell County.
- Reserve grand champion Angus shown by Daniel Brown of Watauga County.
- Grand champion Red Angus shown by Jonathan Presnell of Cleveland County.
- Reserve grand champion Red Angus shown by Jacob Presnell of Cleveland County.
- Grand champion Gelbvieh shown by John Ellis of McDowell County.
- Reserve grand champion Gelbvieh shown by Hannah Ellis of McDowell County.
- Grand champion for all other breeds shown by Dewey Brown of Buncombe County.
- Reserve grand champion for all other breeds shown by Brandy Prestwood of Caldwell County.
- Supreme champion junior beef heifer shown by Brandy Prestwood of Caldwell County.
- Reserve supreme champion junior beef heifer shown by John Ellis of McDowell County.
- Premier junior beef exhibitor trophy awarded to Tucker Worley of Buncombe County.

Open Jr. Feeder Calf Show

- Grand champion feeder calf shown by Kelsi Cartwright of Buncombe County.

• Reserve grand champion feeder calf shown by Jacob Wallace of Macon County.

Open Jr. Beef Heifer Show

- Grand champion Angus shown by Colleen Jones of Wake County.
- Reserve grand champion Angus shown by Peyton Williams of Washington County.
- Grand champion Gelbvieh shown by Caleb Henson of Haywood County.
- Reserve grand champion Gelbvieh shown by Noah Henson of Haywood County.
- Grand champion commercial heifer shown by Bill Jones of Buncombe County.
- Reserve grand champion commercial heifer shown by Catherine Harward of Stanly County.
- Grand champion Simmental shown by Brooke Harward of Stanly County.
- Reserve grand champion Simmental shown by McKenzie Tilley of Stokes County.
- Grand champion Red Angus shown by Jacob Presnell of Cleveland County.
- Reserve grand champion Red Angus shown by Jonathan Presnell of Cleveland County.
- Grand champion and reserve grand champion Hereford shown by Brandy Prestwood of Caldwell County.
- Grand champion for all other breeds shown by Shane Kendall of Sampson County.
- Reserve grand champion for all other breeds shown by Brandy Prestwood of Caldwell County.
- Supreme champion junior heifer shown by Colleen Jones of Wake County.
- Reserve supreme champion junior heifer shown by Bill Jones of Buncombe County.

Dairy Goat Showmanship

- Peewee dairy goat fitting and showing was presented to Cecelia Higgins of Ruther-

ford County, Grayce Moore of Rowan County and Kaitlyn Moore of Rowan County.

• Junior dairy goat fitting and showing was presented to Awelia Baysinger of Davie County.

- Senior dairy goat fitting and showing was presented to Morgan Owen of Madison County.

Open Jr. Doe Dairy Goat Show

- Grand champion Nigerian Dwarf shown by Meghann Moore of Rowan County.
- Reserve grand champion Nigerian Dwarf shown by Tee-na Bagwell of Laurens, S.C.
- Grand champion and reserve grand champion Oberhasli shown by Marjorie Burton of Buncombe County.
- Grand champion and reserve grand champion recorded grades doe shown by Austin Bottoms of Surry County.
- Grand champion Saanens shown by John Brannan of Greene County.
- Reserve grand champion Saanens shown by Janene Donovan of Henderson County.
- Grand champion Toggenburgs shown by Peggy Kiser of Lee County.
- Reserve grand champion Toggenburgs shown by Austin Bottoms of Surry County.
- Grand champion Alpines shown by John Brannan of Greene County.
- Reserve grand champion Alpines shown by Richard Waldman of Columbus County.
- Grand champion LaManchas shown by Lori Ann Coker of Arcadia, Fla.
- Reserve grand champion LaManchas shown by Marjorie Burton of Buncombe County.
- Grand champion Nubians shown by Mark Cobble of Morristown, Tenn.
- Reserve grand champion Nubians shown by Madison Noble of Rowan County.

• Best of Show shown by Mark Cobble of Morristown, Tenn.

Youth Jr. Doe Dairy Goat Show

- Grand champion Nigerian Dwarf shown by Casey Bright of Cherokee County.
- Reserve grand champion Nigerian Dwarf shown by Rachel Brown of Wake County.
- Grand champion Oberhasli shown by Caleb Arnold of Transylvania County.
- Grand champion and reserve grand champion recorded grades doe shown by Austin Bottoms of Surry County.
- Grand champion Saanens shown by Grayce Moore of Rowan County.
- Reserve grand champion Saanens shown by Morgan Owen of Madison County.
- Grand champion and reserve grand champion Toggenburgs shown by Austin Bottoms of Surry County.
- Grand champion Alpines shown by Kasandra Kaluahine of Polk County.
- Reserve grand champion Alpines shown by Maggie Arnold of Transylvania County.
- Grand champion and reserve grand champion Nubians shown by Madison Noble of Rowan County.

Youth Senior Doe Dairy Goat Show

- Grand champion Nigerian Dwarf shown by Rachel Brown of Wake County.
- Reserve grand champion Nigerian Dwarf shown by Grayce Moore of Rowan County.
- Grand champion and reserve grand champion Oberhasli shown by Caleb Arnold of Transylvania County.

(See MSF livestock, pg. 8)

Non-stinging wasps being used as biosurveillance for beetles

Little League, school and travel-club baseball teams are not the only ones making use of baseball diamonds these days.

Some fields are also home to *Cerceris fumipennis*, a native, non-stinging wasp that bores brood nests into the ground to lay its eggs on the beetles it traps and brings to the lair. To look casually at a field, you could easily overlook the tell-tale signs of *Cerceris* wasps — small volcano-shaped eruptions from the ground with larger holes in the center.

Turns out these beetle-gathering wasps are scientists' biosurveillance allies in keeping track of beetles in an area — both the good ones and the bad. And, with North Carolina officially joining the ranks in 2013 of states with the highly destructive emerald ash borer, interest is strong in knowing what types of beetles *Cerceris* wasps are capturing, said Whitney Swink, an entomologist working in the NCDA&CS Beneficial Insects Lab. To date, only Connecticut has been successful in identifying emerald ash borers using the *Cerceris* wasp, but other states are operating similar programs to North Carolina's in an effort to keep watch for the movement of the emerald ash borer.

"When it comes to destructive beetles, the wasps could locate beetles long before we would notice tree decline. So the hope is we would be able to save trees before they had too much damage," Swink said.

Swink visited a Louisburg ball field this summer to check wasp activity at the site. Swink and a co-worker had previously



NCDA&CS entomologist Whitney Swink, top right and top left, captures and holds a *Cerceris* wasp on a baseball field in Franklin County. She uses calipers to take measurements to help identify the beetle the wasp brought back to its nest.

identified the field as a good, active site with around 60 easily detected nests. Using bright pink flag markers to note the brood nest sites, Swink waited and watched for the wasps to return to their nests carrying beetles.

Armed with a flowing, butterfly-style net, Swink walked back and forth between the first- and third-base sidelines watching for wasp activity. And it wasn't too long before her efforts were rewarded. With a well-practiced swipe and twirl of the net, Swink

hauled in a wasp with a paralyzed beetle. Before releasing the wasp, Swink carefully measured and wrote down information about the capture, depositing the beetle in a plastic bag to be examined at more length in the lab.

On one side of the field, Swink placed small, rectangular, yellow plastic pieces with holes over the nests. With stones to hold them in place, these served as collars for the nests, allowing enough room for the wasp to enter the nest, but not enough room

for them to also take in beetles.

Knowing when a flying wasp was carrying a beetle requires a well-trained eye.

"They have a specific flight pattern, so once you know what they look like, then it is easier to spot them," she said.

The wasp tends to curl its tail inward and bob up and down close to the ground, she explained. When they are trying to get their bearings to their nests, they tend to fly higher in the air and circle around the site.

While there is a good deal known about the wasp, there is still plenty more to discover.

"Our basic understanding is that the adults live six to eight weeks," Swink said. "When the wasp finds a beetle, she'll paralyze it and take it into her brood nest and she'll lay her eggs on it. Her brood will actually kill it after they hatch. Once a female lays as many eggs as she is going to, she plugs up the entrance to her nest. At the end of their flight season, we sometimes find the female dead in the entrance."

And there are other unexplained behaviors.

When it comes to beetles, the wasps tend to collect all sizes of

them, so there is not one particular type they are partial to.

"We don't know how they find the beetles, whether it's by sight, by smell, by sound or from some characteristic of damaged trees," she said. Also, these insects are not known to be social, but Swink has noticed the wasps returning sometimes in clusters, leading to some funny moments in capturing the wasps. "A bunch of them will come back all at once with beetles and I'm running around all over the place trying to collect them."

One of the interesting aspects of the biosurveillance program is the "Adopt a Colony Program," where community members can volunteer to monitor a site.

Volunteers will check a site once a week for five to six weeks and then send in their beetles to the lab, Swink said. Most sites are in Western North Carolina, but there are some in the East, too.

Anyone interested in volunteering or learning more about the program, can contact Swink at 919-233-8214 or at whitney.swink@ncagr.gov.

No new counties added to list for emerald ash borers

Summer trapping for the emerald ash borer did not detect the invasive, tree-killing beetle in any new counties in the state, but more beetle sites were discovered in already-infested counties.

And the beetle will likely continue to spread.

The emerald ash borer is responsible for killing countless ash trees in the United States. Native to Asia, the beetle was first found in the U.S. near Detroit in 2002. Since then, it has spread to 24 states.

In 2013, the emerald ash borer was first found in North Carolina in Granville, Person, Warren and Vance counties. All four counties remain under quarantine, meaning ash material and hardwood firewood cannot be transported from a quarantined area to a non-quarantined area (some exceptions are made; for example, wood that has been heat treated or had the bark removed may be moved with a compliance agreement from the Plant Industry Division). While the emerald ash borer can fly from tree to tree over short distances, it can easily spread over long distances through the transportation of infested material (hence the restriction on firewood movement). The quarantine was established to best protect the remaining ash resources in the state from long-range, human-facilitated movement.

Looking for the emerald ash borer is a job that never ends. The NCDA&CS Plant Industry Division and the N.C. Forest Service actively conduct visual surveys across the state. In addition, detection may depend on casual observations and the ability of residents to identify and report an infestation.

To report a suspected emerald ash borer site in North Carolina, call 1-900-206-9333 or email newpest@ncagr.gov.

Horse Events

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

- Nov. 4-9 Jump for the Children Duke Benefit H/J Classic. Contact Joan Petty, 919-669-9877.
- Nov. 12-16 RMI Benefit Hunter/Jumper Show. Contact John Rush, 904-396-4106.
- Nov. 21-23 Southern Horse Festival. Contact Sue Gray, 919-854-1990.
- Dec. 6 & 7 5th Annual Holiday Classic Open Horse Show. Contact Mike Yoder, 919-513-3509.
- Dec. 12 & 13 ... Carousel Farms Bulls, Bells & Barrels. Contact Jeff Mullen, 919-796-8375.
- Dec. 28-31 Raleigh Indoor Holiday Classic. Contact Joan Petty, 919-669-9877.
- Jan. 16-18 NCHJA C Indoors. Contact Joan Petty, 919-669-9877.
- Jan. 22-25 Raleigh Winter I Hunter. Contact Joan Petty, 919-669-9877.
- Feb. 6 Southern Farm Show Southern National Draft Horse Pull. Contact Calvin Davis, 919-732-7542.

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

- Nov. 7-9 No Bulls Barrel Racing. Contact Jeff Robinson, 828-713-4712.
- Dec. 4-7 SRA Finals Rodeo. Contact Beth Wheeler, 828-254-8681.

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

- Nov. 7 & 8 Stampede in the Park Rodeo. Contact Robert Bonner, 252-789-0295.
- Nov. 21-23 NBHA Coastal Run Super Show. Contact Diane Roper, 804-986-9472.
- Nov. 28-30 Color on the Coast/Cardinal Classic Paint Horse Show. Contact Grant Williams, 704-241-5591.
- Dec. 6 Martin County Farm Heritage Day. Contact Sheila Ange, 252-789-4370.
- Feb. 12-15, 2015 Raleigh Indoors Winter II @Williamston Horse Show. Contact Joan Petty, 919-556-7321.
- Feb. 20 & 21 Old Ford VFD Survivor Series Rodeo. Contact Frankie Buck, 252-946-9760.
- Feb. 28 & March 1 NCQHA-D4 "No Bling" Quarter Horse Show. Contact Susan Daniels, 919-894-2973.

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

- Nov. 1 & 2 Carolina Cutting Horse Association. Contact Jeff Canter 336-466-1172.
- Nov. 22 Borderbelt Ranch Sorting. Contact Jason Durden, 910-733-5840.
- Dec. 5 & 6 Barrel Futurity. Contact Scott Kennedy, 910-740-7900.
- Dec. 13 Cobra Barrel Racing Show. Contact Kristen Yde, 919-413-0878.

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

Winning pecan and beef recipes from the Mountain State Fair

Cooks at the Mountain State Fair created many mouth-watering dishes.

The N.C. Pecan Growers Association sponsored the "Anything Pecan" cooking contest. Entries were judged on taste, creativity and family appeal, and ease of preparation. All entries had to include at least one cup of pecans.

Barbara Creasman of Buncombe County won first place and \$100 with her recipe for "Chewy Pecan Bars." In second place, Sharon Gates of Buncombe County earned \$50 for her "Pecan Gingerbread with Maple Cream Drizzle" recipe. Rheta Merrell of Rutherford County placed third and earned \$25 for her "Just Peachy, Nutty and Healthy Bars" recipe.

The N.C. Cattleman's Beef Council sponsored the "Chili, Not Just for Cowboys," cooking contest. Entries had to include at least 3 ounces of beef per serving. Beef was the only meat ingredient allowed in each dish. Entries were judged on taste, creativity and appearance.

Rheta Merrell of Rutherford County won with her recipe for "End of the Trail Ride Steakhouse Chili." Merrell earned a blue ribbon and \$200 for her first-place finish. Buncombe County's Susie Zuerner's "Fall Harvest Chili" took second place and \$150. Chris Capps of Henderson County earned third place

and \$100 for his "Blue Ridge Mountain Brisket Chili" recipe. In addition, Sonia Worley's "Southwest Chili" recipe earned the Buncombe County resident an honorable mention.

Following are two winning recipes just in time for cooler temperatures.

Chewy Pecan Bars

1/2 cup butter
5 ounces cream cheese, softened
1 16-ounce package light brown sugar
3 large eggs
1 1/2 cups self-rising flour, sifted
1/2 teaspoon maple extract
1/2 teaspoon vanilla extract
1 cup chopped pecans

Preheat oven to 350 F. Blend butter, cream cheese and sugar until light and fluffy. Add eggs, one at a time, beating well after each addition. Add flour, blending well. Stir in maple extract and vanilla. Stir in pecans. Pour batter into a greased 13x9x2-inch pan. Bake for 30-35 minutes. Let cool. Cut into squares. Yields: 24-30 squares

End of the Trail Ride Steakhouse Chili

1 pound beef chuck steak, cut into half-inch cubes
Water to cover beef
2 tablespoons chili powder
1 teaspoon cumin powder
1/4 cup steak sauce
1 16-ounce jar mild picante sauce
1 16-ounce can pinto beans, drained
1 15 1/2-ounce can kidney beans, drained
1 cup peeled and chopped tomatoes
Kernels from one large ear of corn, about 1/2 cup
Condiments: Green chilies, poblano chilies, pepper jack cheese, cheddar cheese, sour cream for toppings

Place beef in a 4-5 quart slow cooker and cover with water. Cook on low setting for 4 hours.

Add chili powder, cumin powder, steak sauce and picante sauce. Stir gently. Add pinto beans, kidney beans, tomatoes and corn. Stir again and cook on low setting for additional 4 hours. Just before serving, turn on high setting for 15 minutes. Top with desired condiments and serve with Johnny cakes.

AgroTips

Give appropriate care to plants you bring indoors for the winter.

By November, most houseplants should be brought inside to protect them from cold temperatures. Indoors during the winter, plants need less fertilizer and may get too much or too little water. Fertilizing once every four to six weeks with a soluble or time-release fertilizer should provide plenty of nutrients. Fertilizing too often can stress plants as excess fertilizer salts build up in the media.

Check plants frequently to see if they need water instead of watering on a schedule. Overwatering can be a problem in winter months when light is low and growth is slow. Underwatering can also occur as increased use of the home furnace tends to dry both the air and potting media at the same time.

Check source water used for agricultural purposes.

Water used for agricultural purposes - such as irrigation or fertigation, livestock and poultry watering, aquaculture and fish production - should be analyzed every year. Testing is especially important after an extended wet or dry period. For a fee of only \$5 per sample, solution analysis measures concentrations of 13 minerals plus pH, electrical conductivity, alkalinity and hardness. The solution report indicates whether any of these parameters could lead to production problems (such as clogged nozzles or reduced medication efficiency) and provides recommendations to correct any apparent problems.

NCDA & CS receives water resources grants

Two divisions in the N.C. Department of Agriculture and Consumer Services recently were awarded nearly \$300,000 in grants from the state's Water Resources Development Project Grant Program.

The N.C. Division of Soil and Water Conservation received \$250,000 to be distributed to 18 eastern North Carolina counties for the removal of storm debris from streams. The following counties will receive funding through the grant: Beaufort, Bertie, Camden, Chowan, Currituck, Dare, Duplin, Edgecombe, Hertford, Hyde, Jones, Martin, Pamlico, Pasquotank, Perquimans, Pitt, Tyrrell and Washington.

The N.C. Forest Service was awarded \$45,000 to improve water quality in the Little River in Transylvania County. The grant will enable the agency to develop a plan for identifying future river, stream and wetland restoration efforts that improve the water quality and ecological function of the Little River and its tributaries in DuPont State Recreational Forest.

The N.C. Division of Water Resources awarded the grants as part of the \$966,177 2014 fall grant cycle for the Water Resources Development Project Grant Program. The program will help North Carolina towns and counties restore streams, reduce erosion, study future water supplies and benefit other water resources. Money for the grants was generated by appropriations from the General Assembly.

The water resources program provides cost-share grants and technical assistance on a competitive basis to local governments in North Carolina. Applications are accepted for general and recreational navigation, water management, stream restoration, beach protection, land acquisition and development of water-based recreational facilities.

There are typically two grant cycles each fiscal year. A full list of grant recipients can be found at: www.ncwater.org/files/grants/Fall_2014_Grant_Awards.pdf.

Classifieds Ads

This year we will return to 12 issues of the newspaper. The deadline for the December issue of the Agricultural Review is Nov. 3; the deadline for the January issue is Dec. 1.

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.



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.

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

Beekeeping equip. & supplies, 8 & 10 frame woodenware, frames, gloves, hats, veil, top feeders, other items avail., \$1.25-35. Gail Morgan, Liberty 336-622-3720.

Honey bees w/hygienic queen, 3 lb. pkg., ready 03-15, \$95-105. Larry Tate, Winston-Salem 336-788-4554.

Bees, ready mid 03-15, 3 lb. pkgs.; 5 frame nucs, ready mid 04-15; woodenware & more, \$90 & up. Garry Whitley, Albemarle 704-982-0698.



Bees, Supplies & Services Wanted

Elec. honey extractor, 6/9 frame. Margaret Ollis, Newland 828-766-9162.



Equipment For Sale

NH 847 round hay baler, wide pick-up head, \$2,000; Bush Hog disc hay mower, \$2,000; NH 847 hay baler, \$1,700; NH hay mower, \$2,200. B. Ross, Burlington 336-421-9383.

FARM EQUIPMENT

MF 6480 tractor, 530 hrs., 120 hp, 4wd, ac, power shift trans., 3 aux. hydr. valves, LNC, \$55,000. Chris McCallum, Staley 336-953-7555.

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.

Pto wheel auger, 6x40, \$500. Ed Glover, Bailey 252-235-3767.

2004 Kubota B7800 HST, 300 hrs., 30 hp, EC, front loader & 5 ft finish mower, diesel, sheltered, \$14,500. Ben Atkins, Pikeville 919-739-0285.

Cole fert. dist./cult., 1 row, rebuilt w/new parts, bolts, hoses, points & paint, incl. disc & extra ft for cult., \$800 OBO. Jimmy Covington, Pilot Mountain 336-368-1613.

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.

1928 Kohler water-cooled power plant & batteries, \$650. Ralph Newsome, Staley 336-879-3819.

CAT D7E bulldozer, st hydr. brakes, cab, elec. start, \$7,500; Komatsu 4-in-1 loader bucket, EC, \$1,500. William Adams II, Hiddenite 828-632-8698.

1986 Field Boss, white, EC, \$6,000. Merrill Lambeth, Trinity 336-476-5055.

Wood splitter, 26 ton w/new motor, \$850. Charles Chamelin, Kernersville 336-769-4418.

Mitsubishi D2000 compact tractor, 2 cyl., diesel, Bush Hog 38 in. rotary tiller, Landcare 48 in. box scraper w/shanks, Maschio 48 in. finish mower, King Kutter 26 in. rev. dirt scoop, GC, \$5,500. David Jenkins, Sanford 919-748-1415.

Rattle chain, fits 72 AC combine; finish sieve, soybean & wheat; adj. chaffer & adj. sieve, \$465. Paul Bennett, Belews Creek 336-595-4954.

FARM EQUIPMENT

Bush Hog finish mower, 6 ft, 3 pt. hook up, side discharge, LNC, \$900. John Johnson, Lincolnton 704-473-6228.

Scoop pan, 3 pt., GC, \$45. Andy Simpson, Ararat 336-469-8132 or 374-2031.

1990 King Kutter scrape blade, 7 ft, rotates 45 & 180 degrees, \$600; Danuser wood splitter, works on hydr. tractor, \$800. Geniva Bruton, Mt. Gilead 910-571-0782.

1988 CAT 943 track loader, GC, \$24,000. Billy Crump, Norwood 704-474-3461.

Ford 528N tractor, hi-low trans., new wheels & tires, restored w/bush hog, EC, \$4,000. D. Kirk, Jonesville 336-902-9787.

Ford 8N tractor, good paint, runs good, \$1,800. T.R. Hudson, Elizabeth City 252-335-1575.

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 dfurr@windstream.net.

Woods bush hog, pull-type, 10 ft, FC, \$2,700; Ford 5 bottom plow, spring reset, semi-mount, \$1,700; pull-type drag on transport wheels, 12 ft, \$1,700. John Graves, Mocksville 336-749-6570 after 5 p.m.

Hare horse drawn cotton seed planter w/seed plates, chain driven auger, GC, \$300 OBO. Wayne Highfill, Level Cross 336-257-0948.

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.

NH 256 rake w/dolly wheels, EC, \$3,500; tractor tires, UC, 18.4-38, 20% tread, \$100/ea. B. Lindley, Pittsboro 919-742-4009 or 542-8920.

Late 90's JD 1520 no-till grain drill, no wear/rust, EC, \$18,000. Jarred, Raeford 973-222-2626.

FARM EQUIPMENT

Rev. fan for CAT D6C or D6D, LNC, \$400; Delco starter, 24v, fits CAT, NC, \$250; Delco alt., 24v, fits CAT, rebuilt, \$125. Gerald Fox, Taylorsville 828-612-2407.

Oliver supreme grain drill, fert. & grain box, \$600; NH 310 baler, \$1,800; JD double plow, 14 in., \$400; 30 ft grain/hay elev., pto, needs repair, \$150; manure spreader, \$500; others avail. Norman Marshall, Stokesdale 336-643-7077.

Harrington Mfg. Roanoke hay baler w/Wisconsin long stroke eng., runs good, \$700. Steve, Nashville 252-813-1489.

Cole fert. dist./cult., 1 row, rebuilt w/new parts, bolts, hoses, points & paint, disc & extra ft for cult. & top dressing, \$750 OBO. Jimmy Covington, Pilot Mountain 336-368-1613.

Woods belly mower, fits Farmall Cub, \$550; wood splitter, HD, elec. start, \$1,250; horse drawn stalk cutter, \$150, other items avail. Cyrus Bowman, Colfax 336-420-0986 or 996-1783.

Dirt scoop, 3 pt. hitch, 30 in. wide pan, GC, \$250; boom pole, 3 pt. hitch, 8 ft, HD, GC, \$125; bog disc, 3 pt. hitch, 8 blades, FC, \$125. Crawford Collins, Maysville 910-743-0091.

Scrape blade, HD, 6 ft, 3 pt. hitch, NC, \$300; Sitrex SM180 mower, 3 pt. hitch, LNC, \$1,400. Bill Shore, Winston-Salem 336-924-6423.

1980 NH TR-75 combine, needs repair, \$3,500. Ronnie Brogden, Creedmoor 919-528-1767.

1953 Ford Golden Jubilee, GC, runs well, \$2,250; JD 2 row planter, \$600; 6 ft box blade, \$300; 5 ft bush hog rotary cutter, \$500. Augustin DuSablou, Farmville 252-373-6558.

Right & left hand rockshaft arms, fits JD 4430 tractor, \$200/pair. William Proctor, Rocky Mount 252-442-5622.

JD 420, 1 row, 5 spd., dual lifts w/cults., looks & runs great, \$5,500. Donald Turner, Macclesfield 252-907-8828.

Int'l 1000 1 arm loader, fits Cub, Super A, 100 & 140, orig. paint, owner's man. incl., EC, \$1,500. Charles Rudy, Sparta 336-200-1630.

JD 5200, 40 hp, pto, 590 hrs., valve & hydr. for loader, rear lights, front end weights, shelter kept, \$11,000. Darryl Rumfelt, Greensboro 336-202-3110.

1972 Tuff-Bilt rear engine cult. tractor, front & rear hydr. cult., slightly used, runs well, kept inside, \$3,500. David Jordan, Burlington 336-214-8056.

Combine 1420, low hrs., 15 ft header, \$8,500. Danny Slade, Burlington 336-226-3651.

Case IH 245, 4x4, ps, locking diff., 200 hrs., front weights, quick hitch, turf tires w/new Bush Hog finish mower, HD, 6 ft, EC, \$7,000. John Massey, Burlington 336-226-9234.

Hesston 5530 round baler, new belts, baled 50 rolls in 2014, \$3,200. Cletus Potts, Lexington 336-237-0630.

Stainless steel pressurized water bottle, 2½ gal., for combines/hay balers, easily refilled, \$30/ea. Gary Michael, Lexington 336-239-3717.

Bush Hog 1209 disc mower, 9 ft, GC, \$4,800. Aaron Rumley, Burlington 336-263-8226.

MF 235, diesel, \$5,500; Hardee bush hog, 5 ft, \$500; 2 bottom plow, \$250; scrape blade, \$150; carry-all, \$150. Don Jones, Stokesdale 336-317-3301.

Machines for making rope out of pine tips for christmas garland, EC, slightly used, \$300/both. Alcury Nunn, Westfield 336-351-2467 or cnsmith60@live.com.

NH-Ford 254 tedder rake, GC, \$1,600; Ford rollover plows, 3 bottom, 16 in., GC, \$2,500. L.B. Bond, Dobson 336-374-0103.

NH 848 round baler w/bale command box, GC, \$6,500. Tommy Singleton, Advance 336-399-2894.

FARM EQUIPMENT

Bush Hog, 6 ft, slightly used, \$1,200. Ralph Harris, Yadkinville 336-409-3016.

JD 1750 Maxemerge Plus planter, 30 in. rows, LNC, \$15,000. Joshua Busick, Brown Summit 336-451-1297.

Misc. seal kits for JD, Case, Massey tractors, combines & implements, NC, \$40. Stoney Greene, Purlear 336-467-0443.

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

Kubota 13600, less than 700 hrs., cab, 4x4, air, Kubota loader, shelter kept, 4 rear remotes & 4 mid remotes, \$17,000; Tonutti 4 wheel rake, \$250. Mike Dawkins, Thomasville 336-472-1908.

JD 450 conv. drill, 17 disc, EC, \$5,000. Larry Hepler, Archdale 336-476-8494 or 476-7695.

Farmall 140, late model w/fast hitch, cult., fert. dist. w/good hopper w/lid, 1 pt. bog harrow, new clutch & throwout, runs good, 12v, \$4,100 OBO. Amos Whitt, Liberty 336-565-9075.

2005 NH tractor, TN70, 65 hp, 4wd, syncro command/power shuttle, canopy, 1,100 hrs., \$19,000. Michael Scannell, Kernersville 336-575-5727.

1952 Ford 8N tractor w/back blade, \$2,750. Billy Breeden, Haw River 336-578-3454.

NH 310 sq. baler, EC, \$4,000. Cy Clayton, Rougemont 336-592-0616.

JD pull disc, \$800; 2 basket hay tedder, \$650; Int'l 544 utility tractor, diesel, shed kept, \$6,000. Jonathan Burleson, Lexington 336-596-0948.

1956 Farmall 100, front & rear cult. & listing disc, draw bar, 3 pt. hitch, new 12v battery, \$2,500. Mark Smith, Belews Creek 336-613-4257.

Cult., \$100; scrape blade, \$100; scoop, \$175. Harvey Ramsey, Eden 336-623-6059.

IH 2 bottom turning plow, 1 pt. hitch, \$225; AC 66 pull-type combine, \$500; hay spear, 3 pt. hitch, \$75; Ford bush hog w/slip clutch, 6 ft, 3 pt. hitch, \$800. Ernest Pinnix, Eden 336-627-9303.

Oliver Supreme 13 disc grain drill, fert. & grain box, GC, \$600; NH 310, GC, \$1,800; JD 14 ft double plow, \$400; manure spreader, ground driven, \$500; grain/hay elev., 30 ft, pto, \$150. Norman Marshall, Stokesdale 336-643-7077.

Harley power landscape rake, 3 pt., EC, \$2,250; NH 1003 bale wagon, 84 bales, sheltered, EC, \$4,500. D. York, Julian 336-685-4177.

Manure pump, approx. 36 ft, 540 pto, GC, \$3,500. Charles Smitherman, East Bend 336-749-9639.

MF 43 corn head, 4-30 in. rows, \$1,500. Doug Clement, Mt. Airy 336-789-7026.

Spiked drag harrow, 9 ft, VGC, \$400; single bottom plow, fits Farmall Cub, VGC, \$125. Robert Harden, High Point 336-870-0968.

1980 MF 230, 786 hrs., 2 hydr. remotes, eng. clean & dry, no leaks, \$8,500. Steve Minton, Kernersville 336-889-0602.

Quick hitch, 3 pt., cat II w/all hardware & man., LNC, \$115. David Bryant, Madison 336-908-2447.

AC 333 4 row planter, GC; Ford tractor gas. eng., fits models 600-900, \$3,000 & up. David Shepherd, Wilkesboro 336-921-3166.

1950 Case Vac w/good tires & sheet metal, \$1,300; potato plow & 1 row cult., both w/3 pt. hitch, \$150/ea.; American Farmer 1-1 ag implement tire, 12.5I-16sl, 14 ply tubeless, NC w/sticker; Case DC parts tractor, hood/grill stripped, powdered coated & ready to paint, \$150 & up. Bill King, Advance 336-926-0249.

1942 JD B w/elec. start, restored w/new paint, tires & decals, runs great, pics. avail., \$4,300. Neal Parnell, Winston-Salem 336-972-2248.

County Mfg. manure spreader, 35 bu cap., stored inside, EC, \$550. Suzin Daly, Youngsville 919-554-1030.

FARM EQUIPMENT

1953 Farmall Super M, factory 3 pt. hookup & ps, 12v system, \$3,500; 1942 Farmall M, no lift attach., \$2,500; 3 pt. hitch kit, \$500; Farmall Cub tractor w/59 in. mowing deck, \$2,500; Farmall Cub tractor w/48 in. mowing deck, \$2,000; Farmall F12 parts, \$750. Roberta Jessup, King 336-983-9662.

JD 4400 combine, diesel, straw chopper, 213 grain head, late model, EC, \$7,000. Lanny Burleson, Salisbury 704-239-3841.

1981 JD 650 compact tractor, Yanmar diesel, EC, new paint, eng. fresh, new brakes, \$5,100. Vic Orr, Mint Hill 704-400-3147.

JD 2355 tractor w/245 self-leveling loader w/bucket spike & forks, 6,705 hrs., \$14,775; NH 442 disc mower, \$1,200. Steve Cline, Shelby 704-466-1904.

1957 Farmall IH 400, no dents, good paint, 3 pt. lift, EC, \$4,500. Steve Weathers, Lawndale 704-473-6527.

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

NH 462 disc mower, rebuilt, EC, \$4,500; NH 256 hay rake, GC, \$1,500; NH twin rower hitch, EC, \$800. Johnny Harrison, Salisbury 704-639-0867.

NH 469 haybine, field ready, \$750; Bush Hog GHM 900 disc mower, 4 pt. hitch, field ready, \$2,500. Norris McConnell, Mt. Ulla 704-663-3828 from 6 a.m.-7 p.m.

1988 MF 360 tractor, 500 hrs., 63 hp, Perkins diesel, turbocharged, \$8,000. Ray Hinson, Mooresville 704-663-3848.

2006 Kubota 13130 hst tractor w/200 hrs., loader w/teeth attach., bh90 backhoe, scrape blade & aerator, VGC, \$23,500. Greg Fischer, Gold Hill 704-754-0290.

Int'l 250-B track loader, 4-in-1 bucket w/teeth, 18 in. tracks w/grousers, 75% undercarriage, open rops, new batteries, est. weight 48K lbs., \$12,000. Jack Laney, Gastonia 704-854-8844.

Anderson SB 780 wrapper, wraps lg. sq. & round bales, \$22,500. Greg Overcash, Salisbury 704-857-6413.

Offset Covington planter w/plastic fert. hoppers, 2 row & can provide extra frame for single row, \$1,800. John Valle, Stony Point 704-903-2109.

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

1984 Gehl hay wagon, 16 ft, shed kept, \$1,500-1,800. Charles Lynch, Newton 828-234-1268.

1993 Ezgo golf cart, lifted, new batteries, mud tires, \$1,500. Brandon Drum, Maiden 828-244-9028.

MF 240 w/832 loader, 4wd, 1,100 hrs., all orig., garage kept, \$16,500. Mike Garrison, Weaverville 828-337-2450.

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

Tractor tires, 2 UC, 75 % tread, old & air cracked, 11.2x38, pref. to sell together, \$200. Howard Reinhardt, Maiden 828-428-9312.

Pto belt drive, 1 1/8 in. spline, \$175. Steve Gilbert, Newton 828-428-9557.

Farmall Super A tractor w/Woods 1306 belly mounted finish mower, \$3,250. Rick Leonard, Lexington 828-773-4976.

JD HD 717, 7 ft cut, 3 pt., cat. 2 hitch, GC, needs 1 shaft bolt, \$900. Tom Jackson, Godwin 910-567-2978.

Tractor tires, 16.9x28, 50% tread, 2 avail., \$100/ea. Marsha Johnson, Dunn 910-578-3549.

Farmtrac 360, 4wd w/front end loader, runs good, 600 hrs., \$7,500. Joshua Jacobs, Fairmont 910-740-1246.

Ford 8N tractor w/front end loader, VGC, \$3,000. Greg Hayes, Carthage 910-947-2628.

FARM EQUIPMENT

Ford 8000 diesel tractor, 2wd, 105 hp, FC, \$5,800. Jerome Honeycutt, Dunn 910-980-2100.

Aerator, 5 ft w/spoon spikes, 3 pt. hitch, spikes are replaceable, \$600. Doug Chappell, Wake Forest 919-266-2201.

NH 8 silage wagon, 16 ft, unloads front/rear, new floor & unloading chain, no roof, 3 beaters, \$3,500. Calvin Nachtrab, Louisburg 919-369-2524.

Cult., 3 pt. hitch, 1 row, EC, \$125. Winfred Brady, Bennett 919-545-1734.

Manure spreader, refurbished, new deck boards & side boards, coated w/rust converter/preventer, \$1,000. Mike Bailey, Creedmoor 919-610-8168.

NH 258 & 260 hay rake, side deliv., hooked w/252 hitch, will sell sep., \$10,500. Stephen Thomas, Moncure 919-616-2288.

Farmall 856 row crop tractor for parts/repair, \$2,500 OBO. Lathan Tilley, Hurdle Mills 919-619-5005 or 732-7982.

1964 MF 135 w/13 attach., new oversized rear tires, ps, bush hog, rotary tiller, scrape blade, 6 ft plow, 3 disc bottom plow, etc., GC, \$8,000. James Tilley, Creedmoor 919-741-9080.

JD 650 compact w/Woods RM 360 finish mower, 1,572 hrs., runs well, mower rebuilt w/new paint, \$4,500 OBO; AC G w/hydr., FC, not running, needs tires, eng. loose, ready for restore, \$2,000. Richard Adams, Raleigh 919-846-0022.

1996 Wood-Mizer sawmill, model lt40hd g24 hydr., 1,815 hrs., well-maint., shed kept, EC, \$15,500. Keith Yow, Chapel Hill 919-968-1349.



Equipment Wanted

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

Tractor tires, matching, 2-12.4x28. Cyrus Bowman, Colfax 336-420-0986 or 996-1783.

Manure spreader, pull-type, GC. Glenn Koepp, Zebulon 252-230-1352.

Hood for JD 5200, hood from 5200, 5300 & 5400 will work, GC. Amos Whitt, Liberty 336-565-9075.

Auger to load grain bin, 55-60 ft, 8 in. dia., prefer pto driven. Mike Westmoreland, Walkertown 336-723-3839.

Hay tedder, 4 basket, minor repairs ok. David Bryant, Madison 336-908-2447.

JD 2550, 2555, 2750 or 2755, must have cab. Chris Redding, Sophia 336-963-4090.

Gleaner combine, F2, F3, M2 or M3 w/both heads. Chris Morgan, China Grove 704-857-9363.

Parts for Gehl 95 hammermill, 21 in. Jeremy Lail, Hickory 828-244-7995.

Sprayer, 3 pt. hitch, 50-60 gal. fiberglass tank, pto driven pump w/10 ft boom. Richard Broker, Robbins 910-464-5244.

JD farm tractor, 40-45 hp. Henry Ivey, Fairmont 910-852-7500 or 852-0113.



Hay & Grain For Sale

Fescue hay, good quality, sq. bales, \$3.50/ea. Toby Hawkins, Mocksville 336-998-3182.

Wheat straw, sq. bales, at barn, \$4/ea.; orchard & fescue mix, horse quality, sq. bales, 1st & 2nd cutting, \$6-8/ea.; cow & goat hay, mixed grasses, sq. bales, \$4/ea.; goat hay/mulch, \$1/ea. Barry Lindley, Pittsboro 919-742-4009 or 542-8920.

Fescue, clover, orchard mix hay, horse quality, sq. bales, shed kept, deliv. avail for fee, \$4.50/ea. Derek Watson, Reidsville 336-214-3312.

Mixed grass hay, 4x5 rnd bales, this yrs. hay, fescue/orchard grass, lez. clover, \$20-40. Mike Hester, Mebane 336-269-0296.

HAY & GRAIN

Fescue, 4x5 rnd bales, horse quality, barn stored, kept dry, \$40/ea. Aaron Rumley, Burlington 336-263-8226.

Fescue hay, crab grass hay, rye grass hay, horse quality, sq. bales, \$4/ea.; cow hay, \$3-3.50/ea. Tony Harmon, Julian 336-501-6925 or 509-4342.

2014 mixed grass hay, spring & fall cutting, 4x5, barn stored on pallets, \$25/ea. Larry York, Staley 336-824-2077.

Deer corn, 50 lb. bags, \$6.50/ea. Robin Mason, Mocksville 336-998-2829.

Grain sorghum, 55 gal. drum, \$40/ea.; 50 lb. bag, \$7/ea. Randy Clontz, Indian Trail 704-634-5910.

Fescue hay, no rain, \$4/ea.; other hay, \$3/ea. Bradley McKnight, Salisbury 704-791-5624.

Fescue hay, rnd bales, 1st cutting, \$35/ea.; fescue-pasture grass, 2nd cutting, no rain/weeds, fert. & dry stored, \$30/ea. Alice Davis, Salisbury 704-855-4930.

Fescue hay, 2014 spring cutting, in barn & no rain, horse quality, sq. bales, \$4.50/ea. Robert Connell, Concord 704-918-0846.

Alfalfa hay, 2014 cutting, horse quality, barn stored, \$8/ea.; orchard grass, \$4/ea. David Beam, Claremont 828-241-3043.

Hay, barn stored, alfalfa, prem. quality, \$10/ea.; Timothy hay, \$6/ea.; oat hay, \$6/ea.; orchard/maxq mix hay, \$6/ea.; wheat straw, bright color, \$5/ea. Hayden Cline, Valdese 828-409-6209.

Oats, 2014 grain, clean, \$7/bu.; 2014 straw, \$3.50/ea. P.A. Heavner, Valdese 828-443-0816.

Orchard grass, horse quality, clean, 50-55 lbs., 2nd cutting, deliv. avail. w/fee, \$9/ea. James Fender, Marion 828-606-2959.

Sericea lespedeza, small sq. bales, AU grazer variety, helps prevent worms in Boer goats, good for horses & cattle, \$8/ea.; grass hay, Maxq fescue, rye, teff & others, small sq. bales, \$3-4/ea. Bryson Jones, Mooresboro 828-657-6169.

Fescue/orchard mix, alfalfa, 1st cut Timothy orchard grass mix & 2nd cut Timothy orchard grass mix, \$5 & up. Adam Huskins, Hurdle Mills 919-452-2871.

Hay, cow quality, no rain, 4x5½ rolls, \$25/ea. Vaughn Jarrett, Mebane 919-563-3953.

Fescue/grass hay, 4x4 rnd bales, fall 2013 cutting, \$20/ea.; spring 2014 cutting, \$23/ea.; fall 2014 cutting, \$25/ea. Mark Sharpe, Graham 919-636-1926.

Coastal hay, excel. quality & weed free, lg. sq. bales, 50-60 lbs., \$6/ea. Claude Cummings, Sanford 919-721-1712.



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.

Circle Y trail saddle, wide tree, 17 in. seat, GC, \$650. Nancy Hobson, Pittsboro 336-376-8137.

Paso Fino gelding, 10 y/o, blk., 13.2 hh, nice trail horse, reg., \$1,800. A. Furr, Salisbury 704-798-3460 or drfurr@windstream.net.

Alum. 2 horse slant load, bumper pull w/drop down windows, tack/dressing room, EC, \$7,500; Dakota saddle w/Montana silver, blk. basket weave, incl. bridle & plate, \$4

HORSES

Mini horse stud, 29 in., 16 m/o, blond mane & tail, sorrell, \$350. David Whaley, Mt. Olive 919-658-4414 or 252-9006.

Light weight wagon w/2 seats, fits 1 horse, halfinger-draft size, small rubber tires, \$600. Steve, Nashville 252-813-1489.

Wintec 2000 saddle w/all fittings, UC, \$110; Wintec western saddle, girth, blanket, UC, \$145. Dory Van Duzer, Durham 919-416-9689.

Bay quarter horse mare, reg., 15 y/o, needs advanced rider, loads, clips, trail rides, \$1,500. Terry Hall, Yadkinville 336-463-2758.

Pioneer forecart, draft horse size, new tires, EC, \$675. Don Whittington, Mt. Pleasant 704-792-5584.

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

Old pony wagon, poss. factory built, good running gear, bed, wood spoke wheels & shafts, needs seat, \$300. Charles Rudy, Sparta 336-200-1630.

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

Horse boarding, full & partial, 15 ac farm w/64x48 barn, 12x12 mated stalls w/shavings, lighted riding ring, breaking pen, trails, tack room, 2x daily feedings w/daily turnouts, farrier & vet services, trailer parking, quite setting, owners on site, \$150-250/mo. Tony & Tricia McMasters, Ramseur 336-302-6853.

Prof. horse training, 15 yrs. exp., all disciplines, problem horses/ground up, \$300/30 days + board. Natalie Johnson, Mt. Airy 336-710-0680.

1992 Featherlite 3 horse slant load, gooseneck, LNC, \$8,500. Mark Fulk, Roaring River 336-813-2175.

Palomino overo horse, APHA reg., 4 y/o, 15 hh, flashy, ready for further training, trained in natural horsemanship, loads, shod, \$2,600. Neil Evans, Jr., Bennett 336-879-1355.

Wintec 500 dressage saddle w/med. wide & wide gullets, 17½ in. seat, VGC, \$400; older Wintec sport dressage saddle w/girth, GC, med./med. wide gullet, 17 in. seat, \$150. Sheila Howell, Mt. Pleasant 704-467-5715.

Mini mule, drives, must be kept off grass, 10 y/o, 9½ hh, Free. Margaret Covington, Lawndale 704-538-9467.

Lister HD horse clippers, slightly used, incl. extra blade for sheep/llamas, case, lubricating oil, blade wash, etc., \$150. Shirley Carswell, Connelly Springs 828-443-7722.

Meadowbrook cart, green w/ yellow rims, pics. avail., \$500. James Davis, Lillington 910-890-9698.

Miley 2 horse bumper pull trailer, new tires, GC, \$2,295. Susan Dutcher, Apex 919-362-7553 or 336-376-6316.

Miniature horses, blk./white w/blue eyes, bay/white pinto filly, blue roan pinto colt, homozygous, friendly, minis for cart, triple reg., show/pet quality, \$700. Pam Banks, Clayton 919-412-1684.

Horse stalls, 7½ ft tall & 12 ft wide, price incl. 1 front & 1 side, \$900; 4x6 stall mats, \$30; feeders, \$45. Adam Huskins, Cedar Grove 919-452-2871.

Youth western saddle, 13 in. seat, latigo color; Hunt seat saddle stalker saddler, 17 in., brown harness w/brass fittings, new small pony size, \$300. Robbie Southerland, Zebulon 919-602-9379.

Horse boarding, Silk Hope area, pasture board w/run-in shelter, lighted round pen, trails, tack room, 2 feedings/day, quality pasture, owner/mgr. on site, \$250/mo. Mary Ann Harville, Siler City 919-742-5053.

HORSES

Miniature donkeys, jennies, breeding quality, halter broke, friendly, reg., 1 y/o & 1½ y/o, \$700/ea.; \$1,300/both. Steve Levitt, Efland 919-563-9527.

Western saddle, Bona Allen, made in late 1930-40's, GC, \$350. Camelia Fox, Mills River 828-776-2351.



Horses & Supplies Wanted

Young racking horse mare, must be gentle for 8 y/o girl, reasonable price. Jerry Brigman, Mooresville 704-857-1065.

Gentle mare/gelding to pull cart/buggy, approx. 7-14 y/o, smaller horse pref. Eddie Eason, Franklinton 919-494-2087.



Farm Labor

AI services for cattle for central & eastern NC; beef semen, \$7 & up. Steve McPherson, Snow Camp 336-263-6042.

Fencing, pasture, privacy, board & small bldgs., free est., \$1/ft & up. Gary Ellis, Bear Creek 336-581-3696.

Welding repair service, in field service avail., 38 yrs. exp., free est., \$25/hr. Phillip Hicks, Eden 336-623-8876.

Grain bin & out bldg. painting, we use 100% paint, not diluted, refs. avail., \$0.05 & up. Marty Wood, Traphill 336-928-0056.

John Blue pumps, parts & repairs, work & parts guaranteed; sprayers, \$50 & up. Scott Blackwell, Cerro Gordo 910-770-1189.

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



Farm Labor Wanted

Someone to cut & split firewood, Julian area, will divide wood load for load/pay reasonable price. Ella Blunt, Julian 336-697-1248.



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.

77+/- ac in Nash co for hunting lease, bordering Hwy. 64, near Zebulon, trails & creek, \$1,044/yr. H.W. Windley Jr., Franklinton 252-945-2648.

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.

6 ac w/well, septic, restorable barn & creek, near Raleigh & Greensboro, \$40,000. Ralph Newsome, Staley 336-879-3819.

280+/- ac cutover timber land on I-95 near Dunn, good for pasture/aquaculture, hunting deer, turkey & waterfowl, rd. frontage & flowing water, poss. owner fin., \$2,000/ac OBO. S.R. Stamey, Dunn 910-658-0093 or 0048.

8+/- ac in Kannapolis, rd. frontage on 3 sides, \$3,000 & up/ac. Donald Love, Concord 980-781-4357.

15.23 ac flat land, prod. 800+ bales of hay yearly w/beautiful 6,130 sq. ft custom log cabin, surrounded by nature, \$750,000. Crissy Anderson, Pleasant Garden 336-207-1531.

32.45 ac farmland on Hebron Church Rd., near Mebane, I-40 & I-85, open & wooded areas, \$10,000/ac. Michael Howell, Burlington 336-226-4299.

57.4 ac in Stanly co near Albemarle, 14 ac farm ready, remaining recently clear cut & perk test compl., stream, well drained, rd. frontage & co water access w/2 fire hydrants, \$290,000 OBO. Timothy Dunn, Locust 704-485-3036.

FARMLAND

11.1 ac in Caswell co, 700 ft shoreline w/septic, forest service planted pines, 300 saw tooth oak trees, deer, turkey & quail, \$150,000. John Massey, Burlington 336-226-9234.

Secl. 50 ac horse/cattle farm w/ restored log cabin, stable, barns, pastures, creeks, storage bldgs. & riding trails, \$1,000/mo. Boyd Lockhart, Semora 336-234-8518.

11 ac in Guilford co, Randleman Lake view, trails, gated access, lg. 64x32 2 story barn, stocked pond, 5 bd brick home, executive ranch, \$659,900. Eric Retko, High Point 336-340-5474.

20 ac bottom land along Haw River in south east Rockingham co, suitable for organic farming, \$3,000. Norbert Hector, Browns Summit 336-349-7919.

49.33 ac in Surry co, suitable for livestock, fenced w/creek, house & outbldgs., \$225,000. Jan Earley, Pilot Mountain 336-351-3576.

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

47 ac in Ashe co, privacy, water, views, pasture, barn & timber, poss. owner fin., \$299,000. Bennett Darnell, Jefferson 336-846-3330.

32 ac farm in Union co w/2 500 ft turkey grow out houses, shop, out bldgs., 3 bd/2ba home, rd. frontage & creek, \$350,000. Cecil Musselwhite, Monroe 704-254-5201.

100+ ac in Rowan co, house, barn & sheds, clear & timbered land, \$775,000. Rhodnick Lowe, Salisbury 704-636-3408 or 202-9605 between 8 a.m.-6 p.m.

22.5 ac in Nash co near Bailey, 14 cleared ac, co. water, rd. frontage, loam soil, metal bldg., \$170,000. Karl Haberyan, Charlotte 704-841-3834.

15+/- ac in Boone w/timber, pasture, water, rd. frontage, poss. owner fin., \$269,000. Teresa Rose, Holly Springs 828-434-0533.

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

20 ac in Stokes co, near Walnut Cove for squirrel hunting only, Free. Linda Mason, Walnut Cove 336-591-5413.



Farmland Wanted

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

Farm service agency tillable base acres, up to 1,000 tillable ac, to build lg. row crop farm. Franklin Simmons, Asheboro 330-331-7744.

Pasture land to lease for cattle in Denton/New London. Zac Bray, New London 336-831-5350.

Land for planting grains in Ashe, Alleghany, Wilkes & Watauga cos, doesn't need to be flat, mostly no-till, sod based rotations, \$100-200/ac. Brian Chatham, Fleetwood 336-877-7823.

Pasture land to lease near Rowan co to lease for goats, pref. fenced. Tyler Roseman, Rockwell 704-433-4225.

Land to lease for hog hunting, responsible farmer from Durham. Mark Waller, Durham 919-225-4305.

Farmland to lease in Johnston, Harnett & Sampson cos for 2015 soybean crop. Jeremy Parker, Four Oaks 919-291-3064.

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.



Livestock For Sale

Blk. Angus bulls, good bloodline, \$850 & up. Franklin Lednum, Liberty 336-622-2389.

Cross bred cows, 6-8 m/o, \$2,200. Justin Ridenhour, Salisbury 704-239-4032.

LIVESTOCK

Reg. Angus bull, 21 m/o, Final Answer bloodline, bse tested, \$2,500-3,000; purebred & purebred comm. cows, some w/calves by side, \$2,500-3,000. Robert Simpson, Lucama 252-289-5889.

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

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.

Reg. Angus bulls, both sired by 353 Traveler, dam is Circle S Isabel & Ext. of Conanca, VGC, \$2,000/ea. Paul Howard, Selma 919-934-2540.

Hair sheep, Katahdin/St. Croix/Blk. Belly cross, males & females, ewe lambs, \$115 & up; ram lambs, herd reduction, \$110 & up. Mary Riggs, Durham 919-479-8081 after 12.

Blk. Angus bull, dob 11-19-12, Imprint bloodline, \$2,000. Richard Stalker, Franklinville 336-824-2511.

Dorper/Kathadin/St. Croix lambs, dob 07-08-14, males & females, shots & wormed, \$125 & up. Dory Van Duzer, Durham 919-416-9689.

Purebred Dexter cattle, grass feed, heifers, \$900; bulls, \$700. David DeWald, Hertford 252-333-5813.

Gulf Coast sheep, rare breed, parasite resistant, excel. mothers, great meat & wool, preg. ewes & spring lambs, males & females, \$200. K.H. Cousins, Enfield 252-567-1513.

Reg. Alpine dairy goats, mature buck, 2014 bucks w/dam on site, hand raised from heavy milkers, \$150 & up. Leon Albright, Thomasville 336-250-7288.

Nigerian dwarf goats, babies, spotted, tri-colored & blue eyed, make great pets, from proven milking line, \$75 & up. Josh Foltz, Winston-Salem 336-251-4709.

Reg. Angus heifers, open & ready to breed; some bred, due late fall, \$2,000 OBO. Steve McPherson, Snow Camp 336-263-6042.

Mini Nubian adult bucks & bucklings, MDGA reg., some w/blue eyes, dairy lines, \$100-200; mini Nubian kids, MDGA reg., from spotted &/or blue eyed parents, \$100-350. Kristen Morgan, Asheboro 336-465-6023.

Boer/Kiko bucks & does, 50/50; full blood Boer does, \$125 & up. Steve Jones, Thomasville 336-475-6539.

Game roosters, \$20. Ernest Pinnix, Eden 336-627-9303.

Purebred Boer bucks, full blood, born 06-14, all shots, healthy, herd has produced grand champion 2013 & 2014, \$250; fainting bucks, born 06-13, \$90. Dodd Linker, Clemmons 336-712-2484.

Myotonic fainting goats, utd on shots & worming, \$150 & up. Don & Tammie Cain, Walkertown 336-754-4303.

Hereford bred cows, Hereford x Simmental heifers, red Angus & red Angus x Simmental heifers, show quality, \$1,500-3,000. Jimmy Sink, Yadkinville 336-941-7390.

Nigerian dwarf goats, males & females, \$50-100. Charles Tuggle, Asheboro 336-953-3776.

Reg. blk. Angus bull, 4½ y/o, approx. 1,800 lbs., Legacy bloodline, used as herd bull for last 2 yrs., pics. avail., \$2,500. Dorman Beck, Statesville 704-546-7463.

Angus heifers, reg. & commercial, open, 12 m/o, \$1,500 & up. Kim Stames, Salisbury 704-637-1805.

Simmental & Sim-Angus bulls, polled yearling & 2 y/o, pasture raised, full German bred bloodlines, 45 yrs. AI; bred heifers, bred to senepol bull for calving ease, \$1,500-3,000. Preston Cornelius, Mooresville 704-664-5460.

Polled Hereford bulls, out of lg. full blood, gentle, dark colored stock, \$850. Jim Long, Kannapolis 704-699-3871.

Reg. Angus bulls & heifers, Ten x Limelight TC Total, \$1,500 & up. Wayne Wilson, Kannapolis 980-521-6707.

LIVESTOCK

Reg. blk. belted galloway bull, Marben's Vancouver, 11029b, dob 07-12-06, calm w/good disp., prod. well-marked calves w/correct conformation, \$3,500. Kathy Garmon, Lincolnton 704-736-4151.

Tamworth boar hog, full blood, not reg., 2+ y/o, good natured & gentle, has sired big, healthy litters, \$400. Natalie Veres, Denver 828-234-5182.

Reg. Angus bulls, 18 m/o, Performer bloodline, \$1,800. Sanford Cable, Sugar Grove 828-297-3823.

Jersey heifers, some reg., 3 w/o-2 y/o, \$350. Byron Butler, Old Fort 828-460-7639.

Reg. red polled Dexter heifer; Highland/Dexter cross heifers; polled & w/horns; 300 lb. low-line Angus steer, \$800-1,200. Marilyn Gamewell, Taylorsville 828-632-6124.

Alpine bucks, born spring 2014, very tame, cdt vacc. & disbudded, \$150/ea. Hope Ward, Casar 828-803-8201.

Dairy herd, saanens, alpines, & crosses, disbudded, no cae/cl, tb & brucellosis tested, reg. papers avail., \$75-250. Sallie Bellamy, Calabash 843-957-8741.

Boer goat, 2 y/o billy, full blood, reg. w/papers in hand, solid dark red head & white body, healthy. Adam Sessoms, Laurel Hill 910-280-3205.

Ankole-watusi cattle, reg., ped. & health docs. w/written 30-day replacement guarantee, \$1,500 & up. Richard Broker, Robbins 910-464-5244.

ADGA reg., alpine dairy goats, cae neg., yearlings & milkers from good show & milk lines, bred to bucks from Delta-Rho & Cherry Glen, \$225-300. Montarie Lanier, New Hill 919-362-6411.

Sim-Angus bulls, blk., polled, \$2,500-4,000. William Pyle, Franklinton 919-494-1145.

Reg. dwarf Nigerian goats, dob 03-23-14, excel. bloodlines, sire End-o-Way Dash Riprock, \$200. Yvonne Petty, Bear Creek 919-548-4679.

Polled Hereford, purebred heifers & bulls, gentle, \$750 & up. Gerald White, Youngsville 919-556-6966.

Saanen/Nubian dairy goats, bucklings, doelings & wethers, disbudded, friendly, 2-3 m/o, does can be ADGA reg. as experimental, \$150 & up. Veronica Summers, Hillsborough 919-732-4907.

Reg. Angus bulls by Sitz Upward 307R & Coleman Regis 904, both embryo transfers from Coleman Angus Donna family lines, \$3,000 & up. Harold Chase, Sanford 919-775-3200.

Herd bull, 80%+ blk. hide w/ white face, GC, 33 m/o, 1,700+/- lbs., 5+ ft tall, 92 in. girth, gentle temperament, no calving issues, excel. bloodlines, \$2,275-2,400. Tyson Bowden, Willow Spring 919-819-5937.

Katahdin sheep, ewe & ram lambs, ewes 2-4 y/o, will trade ram lambs for similar aged rams 6 m/o-1 y/o, \$100-250. Lynn Merritt, Chapel Hill 919-933-0349.

Savanna billy, purebred, 14 m/o, proven prod., \$300. John Kalwitz, Cameron 919-935-9797.

Miniature zebu cattle, blk. & white spotted bull, \$850; cow/calf pairs, red & blk. heifers, \$650; blk. spotted young bull, \$600. John Hughes, Henderson 919-939-7725.

Kiko/Boer billy, 5 y/o, \$250/ trade. Tim Gant, Julian 336-233-3482.



Livestock Wanted

Holstein/Jersey milking cows. Tamara Frazier, Randleman 336-963-3974.

Spotted boar pig, 3-4 m/o. Ronnie Locklear, Fayetteville 910-486-4764.

Jacob 4 horn ram for breeding. John Hughes, Henderson 919-939-7725.

LIVESTOCK WANTED

Ram for small backyard flock, any wool sheep breed/cross, can pick up within 100 mi. of Fayetteville. Jalene Griffith, Linden 910-489-4560.



Poultry & Supplies For Sale

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

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.

Peacocks, \$35 & up; turkeys, \$10 & up. Roy McLamb, Linden 910-893-3012.

Poultry house supplies, feed bins, feed hopper, egg auto. gathering system, nest water system & fans, \$50-200. Felix Souther, Harmony 704-539-4360.

Game fowl, pure blk. roundheads, sweater greys, yellow leg hatch, JJ Kelso, sweaters, lacy rounds, spangle bates hatch, blue face hatch, etc., stags, pullets, hens & cross stags, \$30 & up. Jimmy Dangler Jr., Mt. Gilead 910-975-7338.

Melanistic mutant pheasant, red golden pheasant, wood ducks, blk. bellied tree ducks, white faced tree ducks, etc., \$20. Kevin Briggs, Edenton 252-482-5927.

Red dorking roosters, threatened heritage breed listed by livestock conservancy, gentle birds, 5 toes & good coloring, \$10. Willa Richardson, Burlington 336-227-4903.

Blue & blk. cochin bantams, 2 roosters & 2 hens, 5 m/o, will sale sep./pairs, pet quality & breeding stock, \$7/ea. Carrie Hedgecock-Lambert, Trinity 336-289-3250.

Red sex link pullets, chickens 16-18 w/o, brown egg layers, vacc. & debeaked; plastic chicken crates, UC, \$6.75 & up. E.D. Snider, Staley 336-317-4105 or 708-2998.

Incinerator, burn easy, 15 y/o, major overhaul 3 yrs. ago w/upgraded controller, \$2,500. Daniel Kerns, McLeansville 336-324-9650.

Ringneck pheasants, full color hens & unrelated males, disc. w/lg. orders, \$10. Fred Hill, Roxboro 336-598-4710.

Chickens, red sex link & white leghorn, 1 1/2 y/o laying hens, good layers, \$7. Randy Wright, Staley 336-622-2386.

Redgold pheasants, \$100/pair; lady amhurst, \$125/pair; peach pheasants, \$250/pair; male peach pheasants, \$100/ea. Randy Allen, Norwood 704-474-7632.

Hens, mixed varieties, 2 y/o, \$4. Scott Clontz, Oakboro 704-690-5734.

Guineas, all sizes, \$3 & up; blk. copper marans & barred rocks, \$5 & up. Jim Long, Kannapolis 704-699-3871.

Red sex link chickens, 3 y/o, \$2/ea. Bobby Trexler, Salisbury 704-754-2421.

Blk. longhorn rooster, approx. 6 m/o, Free. Tammy Gentle, Mt. Pleasant 704-773-0602.

Poultry equip., 400 ft layer house, shannadoor nest, lubbing drinker, rooster feeder, feed bins, hen feed line & new plastics slats, 4x12 ft, \$300-8,000. Neng Thao, Statesville 704-775-8203.

Lewis Brothers poultry windrower, \$11,500. Barry McSwain, Norwood 704-985-3751.

African geese, lg., hatched this year, \$25/ea. Jeremy Lail, Hickory 828-244-7995.

Coturnix quail, 1 d/o-6 w/o, \$1-5. Gary Campbell, Robbins 910-638-0598.

Pheasants, red gold, yellow gold & silvers, \$15 & up. Ronny Pope, Carthage 910-947-1202.

Bobwhite quail, \$3.25/ea. Bill Ellington, Hollister 919-853-3636.

POULTRY & SUPPLIES

Wood ducks, mandarins, redheads, wigeons, blk. bellied tree ducks, white faced tree ducks, barhead geese, tule white front geese, snow geese, red gold pheasants, \$20 & up. Brian Daughtry, La Grange 919-222-5125.

Rare chocolate English bantam orpington roosters, Greenfire, Marc Sacre & Dutch Import bloodlines, \$75-125; light brahma chickens, 1-8 w/o, \$5 & up; Rhode Island Red hens & roosters, hens ready to lay, \$25. Claude Cummings, Sanford 919-721-1712.

Supernova incinerator, 500 lb. cap., 2 industrial propane riello burners, 250,000-750,000 btu, \$5,000; Ziggity Big Ace drinkers w/gold nipples, 3,200 ft, 10 ft w/15 saddles/section, reg. & auto flush ends, \$4,500; Ziggity Big Ace drinker regulators, \$40; others avail. Wayne White, Pittsboro 919-742-7491.

Old English bantams, hatched this yr., \$5 & up. Clarence Talley, Siler City 919-930-4836.

Iowa blue chickens, cross between chickens & pheasants, very hardy, good layers & mothers, \$15. John Kalwitz, Cameron 919-935-9797.



Poultry & Supplies Wanted

Ratite incubator, Hatchrite, Natureform, or Brinsea Octogon 100 or 250, GC. Joel Rogers, Germantown 336-567-5206.

Young mated/unmated utility king pigeons; American red & yellow carneaux; modena pigeon, needed for squab prod. Ronald Voss, Raleigh 919-274-2013.



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.

NC rare & endangered plants, orchids, blueberries, huckleberries, etc., \$6-45. Michael Gore, Leland 910-274-3107.

Fraser Fir Christmas trees, prem. quality, 4-13 ft, #1 & #2 grades, 500+ disc., \$15 & up. Bryan Hensley, Burnsville 828-208-3795.

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.

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

Fruit trees, apples, pears, blueberries, plums & chestnut, \$10 & up. Jeremy McNeill, Seagrove 910-464-1871.

Green lriope, \$75/25; \$175/75. G. Stowe, Haw River 336-675-0466.

Leyland cypress & green giants, in field, buyer digs, 8-14 ft, \$25. David Watterson, Lexington 240-498-8054.

Old timey white multiplying onion sets, multiply underground, shipping incl., \$11/50 sets. Roney Bisette, Plymouth 252-793-3814.

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.

Potted muscadine & scuppermong vines, healthy, 5-7 ft tall, good for eating, making juice, jelly & wine, \$15. Bob Whitaker, Mocksville 336-751-3794.

Barley seed, 50 lb. bags & mini bulk bags, \$8. Robin Mason, Mocksville 336-998-2829.

Elderberry plants, 2 gal. pots, \$8/ea.; \$35/5. Kevin Campbell, Harmony 704-775-2425.

SEEDS & PLANTS

Nut trees in pots, magnolia, mt. blk./red cherries, mulberry, figs, rebuds & specialty plants, \$5-20. Hellen Poole, Granite Falls 828-728-9420.

Blueberry plants, extra lg., many varieties, early, mid & late season, \$3-15. Michael Crippen, Garland 910-529-1469.

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

Leather britches bean seeds. Louise Martin, Polkton 704-272-7079.

Fields of green giants & hollies, all sizes, we dig, b&b. Kenneth Lowe, Lowgap 336-352-4048 or 325-0269.

Old timey blackheart cherry tree seedlings. Ernest Harrington, Taylorsville 828-632-7144.

Small Animals For Sale

Mini Rex rabbits, show quality, \$10. Ben Luthy, Union Grove 336-468-6597.

New Zealand & Californian rabbits, all ages, \$10 & up. Adam Sessoms, Laurel Hill 910-280-3205.

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



Supplies For Sale

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

Irrigation system w/T453 Detroit diesel eng., Burkley 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.

Steel nursery wagon, 20x38 in., Northern Hydr., equip. w/15 gal. spot sprayer, 12v, \$150. Toby Hawkins, Mocksville 336-998-3182.

Plastic barrels w/lids & rings, \$15/ea.; barrels, solid & open top, 55 gal., \$10/ea.; water totes, \$75-100/ea.; 275 gal. oil tanks, \$75/ea. Jeff & Lisa Brittain, Hickory 828-327-4782 before 8 p.m.

Tobacco greenhouse, 30x100, dismantled, \$4,500. J.L. McLaurin, Wade 910-323-5207.

Cedar posts, 8 ft, \$4/ea. Ben Luthy, Union Grove 336-468-6597.

Greenhouses, 22x90 & 16x90; fans, heaters, tables, watering system, shade cloth, flats, inserts, baskets, carry trays, etc., \$2-5,200. Danny French, Ruffin 336-939-2305.

Chore-Time super selectors PNT control boxes, \$300/ea. David McKay Sr., Rockingham 910-895-9873.

Farm cut firewood, short bed, \$38; cypress poles/posts, 5-8 in. diameter & 8-14 ft long, \$1.50/linear ft. G. Stowe, Haw River 336-675-0466.

Honda GX340, 11 hp, elec. start, make good wood splitter, NC, \$725; 30 in. Dan Hauser hole auger, 15 in. steel i beams, \$12/ft; 3 ph. 3 hp Dayton elec. motor, \$325; Marathon 3 ph., 5 hp, \$385. Paul Stamey, Rockwell 281-38-8138.

Jars w/finger hold, food quality, 1 gal., small mouth opening, good for juices/wines, \$2/ea.; reg. mouth canning jars, 1/2 gal., Mason & Ball, \$1.75/ea. Gary Michael, Lexington 336-239-3717.

Round salt treated fence posts, 6 1/2 ft, UC, \$1.50/ea. William Hartley, Lexington 336-250-4770.

Round bale feeders, 8 ft, 3 avail., \$175/ea.; \$450/all. L.B. Bond, Dobson 336-374-0103.

Molasses mill, old, solid copper, 4x6 ft molasses cooker, \$1,500. Anthony Spencer, Reidsville 336-616-1366.

FARM SUPPLIES

Split firewood for heating, cooking & camping, 30x30x24 in. crate, \$20-30; bundles, \$2-5; small chunks for smoking, \$5. Daniel Johnson, Archdale 336-687-3735.

Aeromotor windmill, 10 ft wheel, 60 ft tower, UC, \$3,200. Hal Garmon, Davidson 704-704.

Steel arch bldg., 30x40 ft, 16 ft high, 8 ft side walls, 3 ft walk-in door, stacked, ready to load, hurricane-proof, rated 107 mph winds, EC, \$4,800. Paul Abel, Richfield 704-279-9459.

HD gates, 2-12 ft, light duty gate, 1-5 ft, 2 wall-mount hay racks, 2 wall-mount combo hay/grain feeders, all VGC, will sell sep., \$400. Steve Sanders, Stanfield 704-322-6898.

Plastic planting pots, 1-15 gal., \$0.20/ea. Don Shew, Harmony 704-546-5972.

Rabbitry system, 8 lg. 32.5x19 in. cages, sits on top of manure catchment system, easy & functional, new tattoo & other equip. incl., LNC, \$375. Lori Kay Finch, Huntersville 704-607-7379.

Firewood, free deliv. within 25 mi. of farm in northern Gaston co, cut & split hardwoods, \$65/small pickup load. Matthew Guy, Dallas 704-616-9631.

Butler grain bin, 2,800 bu. cap. w/ dryer fan & sweep auger, \$2,500. Johnny Harrison, Salisbury 704-639-0867.

Cattle head catcher, \$150. Bobby Trexler, Salisbury 704-754-2421.

Plastic pallets, 43x43x4.5 in., good for hay, wood, equip., basements & any type storage, \$5. Bill Walker, Olin 704-880-0489.

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

Lincoln Idealarc 250 welder, ac/dc, dc rev., 100% duty cycle, 220 single phase, \$500. Marsha Johnson, Dunn 910-578-3549.

Brock 10,000 lb. or 350 bu. grain bin, GC, approx. 7 ft diameter & 22 ft tall, \$700 OBO. Kyle Saburn, Delco 910-655-5857 or 619-0088.

Field fence, 4x330 ft, NC, \$125/roll; \$1,150/10. Ray Metcalf, Bunnlevel 910-893-9859.

Elec. fence controller, 20 mi., ht wire, 8,000 ft, t-post, iron wood post, 3 & 5 in. wood post, insulators, 5x16 ft wire panels & gates, 4-12 ft, \$900/all or can sep. Doug Chappell, Wake Forest 919-266-2201.

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



Supplies Wanted

Powell/Roanoke gas Evans heat exchanger w/racks, 126 rack. Milton Turnage, Snow Hill 252-560-5082.

Powell bulk barns, 126-150 rack. Jason Hunter, King 336-407-2543.

Elec. tank sprayer for atv. Dale Newark, Salisbury 704-212-7313.

Motor oil for heating greenhouses, UC. Moya Hallstein, Pittsboro 859-492-1486.



Trucks & Trailers For Sale

1990 Chevy Z71, \$1,800. John Johnson, Lincolnton 704-473-6228.

1963 Chevy dump truck, 2 ton, good motor & trans., 13 1/2 ft dump, brake booster bad, \$1,500 OBO. York Ruffy, Stony Point 704-585-6648.

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

Cattle trailer, gooseneck, 26 ft, divider gate, front side door, back swing gate, walk rail over tires, wood floor w/2 rubber mats, \$3,500. Ronnie Oakley, Mayodan 336-427-3475.

Equip. trailer, 10 ton, pintle hitch, GC, \$2,500. Ron McCrary, Asheboro 336-381-3897.

Utility trailer, metal frame, new oak floor, 7x14 ft, EC, \$400. J.R. Hobson, Boonville 336-367-7768.

TRUCKS & TRAILERS

1976 C65 dump, 12 ft bed, grain sides, \$3,500. Danny Slade, Burlington 336-226-3651.

Farm trailer, \$150. Harvey Ramsey, Eden 336-623-6059.

Farm labor bus, 54 capacity, Ford diesel, good tires, model B-700, 8.2 Detroit, runs good, no dents, \$3,500. Steve Adams, Ahoskie 252-332-6952.

1989 Ford F350 flatbed, man. trans., gas, runs good, good tires, \$2,500. Johnny Boger, Lexington 336-239-1741.

1968 Chevy, 1 ton, ready to restore, 327 motor w/less than 1K mi., will trade for equal value farm equip., \$2,500. Jay Trotter, Asheboro 336-257-4034.

1994 Chevy 3500 HD, new 6.5 diesel eng., 296K mi., 15 ft pto flat dump, goose & rear hitch, 19.5 wheels, \$9,000; 1980 Jeep CJ7, 304 v8, factory auto, hard & soft top, 107K mi., new paint & tires, Rino lined inside tub, \$12,900. Kenneth Bagby, Stokesdale 336-382-7254.

Valley livestock trailer, 16 ft, EC, \$3,000. Marty DeMers, Sophia 336-509-0241.

Tilt trailer, 2 in. ball, FC, \$600. Billy Breeden, Haw River 336-578-3454.

2002 Silverado 2500 HD LT, 6.0 Vortex, towing pkg., heated leather seats, toolbox, fully equip., charcoal grey, Michelin tires, all services kept current, EC, \$15,000. Billy Tarlton, Asheboro 336-953-3921.

Dump truck bed w/42 in. sides, 15 ft, 5 y/o, air gate, bed cover & 14 ton hoist, EC, \$4,000. James Cothren, Roaring River 336-957-1976.

1982 GMC ton dump truck w/10 ton winch in front bumper, \$4,000. Larry Wagoner, Elkin 336-957-3068.

1975 Int'l cabover Transtar/16 ft dump, VGC, new out of frame compl. rebuilt 400 Cummings eng., approx. 32K mi., good farm truck, \$18,500. Paul Stamey, Rockwell 704-938-4948.

Dovetail trailer, 10 ton, GC; 1977 F700 w/14 ft flat dump, \$4,000. Charles Beard, Lenoir 828-640-5160.

Trailer, 16 ft, 2 axle, brakes, lights, side rails, ramps, safety chains & spare tire, \$1,200. Charles Hines, Vass 910-603-7417.

1994 Chevy Cheyenne flat-bed dump truck, HD 3500 diesel, Knapheide bed, new tires, low mi., EC, \$9,500; cattle trailer, 16 ft, Double D, gooseneck, cut gate, new tires, EC, \$3,500. Ray Metcalf, Bunnlevel 910-893-9859.

Farm trailer, 5 1/2x10, corn trailer, \$150. Winfred Brady, Bennett 919-545-1734.

Motor from 1968 Bronco w/3 spd. trans., 170 cu in-line, 6 cyl., \$1,000. Mike Bailey, Creedmoor 919-610-8168.

1972 Chevy dump truck, 8 ft, 454 eng., needs carb., Michelin tires, tandem rear wheels, elec. dump, \$1,500. Wayne White, Pittsboro 919-742-7491.



Trucks & Trailers Wanted

Front bumper, fits Int'l Scout. Frankie Wray, Stoneville 336-573-3638.

1948-1955 Chevy panel truck, produce truck, canopy express, suburban, any cond. Marty Goins, Lexington 336-588-7710.

Int'l Emeryville truck; 1960-1970's Int'l cabover truck. Allen Bumgarner, Hickory 828-322-2777.

Encl. trailer, GC. Ernest Harrington, Taylorsville 828-632-7144.

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.

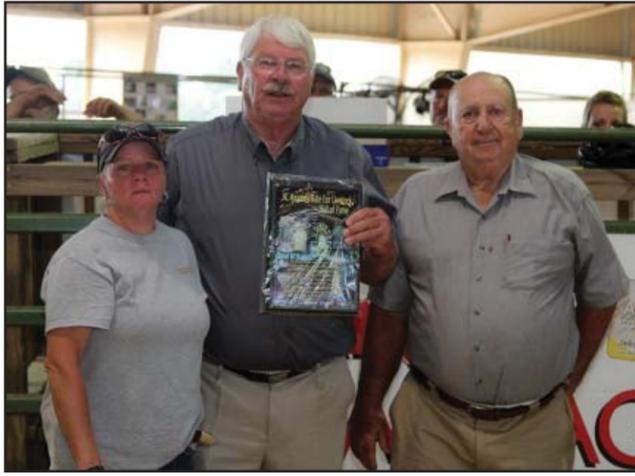
Stameys, Troxlers inducted into the MSF Livestock Hall of Fame

The N.C. Mountain State Fair Livestock Hall of Fame honors individuals who have contributed to the continued success of the livestock shows.

This year's inductees were Gary and Joy Stamey and Agriculture Commissioner Steve Troxler and his wife, Sharon.

The couples were inducted during a presentation opening day of the 2014 N.C. Mountain State Fair.

Gary Stamey was the livestock director at the Mountain State Fair from 2003 until his passing in November 2013. He and his wife, Joy, were heavily involved in organizing livestock shows at the fair and throughout Western North Carolina. Vance Muse, a long-



Commissioner Steve Troxler presents a plaque to Joy Stamey, left, and Neal Stamey, right.

time family friend, provided remarks on behalf of the Stameys. Agriculture Commissioner Steve Troxler presented the award to

Joy Stamey and Gary's father, Neal, during the ceremony.

After presenting the award to the Stameys, Commissioner



Mike Stiles, right, presents Commissioner Troxler's family with the Livestock Hall of Fame honor.

Troxler learned that he and his wife, Sharon, also had been inducted into the Hall of Fame. The award came as a surprise to

Commissioner Troxler, who thanked the organizers of the livestock show for their continued hard work.

MSF livestock winners

(Cont'd from pg. 2)

- Grand champion recorded grades doe shown by Austin Bottoms of Surry County
- Reserve grand champion recorded grades doe shown by Ashley Bottoms of Surry County.
- Grand champion and reserve grand champion Saanens shown by Morgan Owen of Madison County.
- Grand champion and reserve grand champion Toggenburgs shown by Ashley Bottoms of Surry County.
- Grand champion and reserve grand champion Alpines shown by Morgan Owen of Madison County.
- Grand champion Nubians shown by Grayce Moore of Rowan County.
- Reserve grand champion Nubians shown by Jackson Noble of Rowan County.
- Best doe in show shown by Morgan Owen of Madison County.

Open Senior Doe Dairy Goat Show

- Grand champion Nigerian Dwarf shown by John Nelson of Rutherford County.
- Reserve grand champion Nigerian Dwarf shown by Karen Stanger of Hoke County.
- Grand champion and reserve grand champion Oberhasli shown by Marjorie Burton of Buncombe County.
- Grand champion recorded grades shown by Bruce Smith of Buncombe County.
- Reserve grand champion recorded grades shown by John Brannan of Greene County.
- Grand champion and reserve grand champion Saanens shown by Morgan Owen of Madison County.
- Grand champion Toggenburgs shown by John Brannan of Greene County.
- Reserve grand champion Toggenburgs shown by Ashley Bottoms of Surry County.
- Grand champion Alpines shown by Richard Waldman of Columbus County.
- Reserve grand champion Alpines shown by Siegfried Forster of Polk County.
- Grand champion LaManchas shown by Mark Cobble of Morristown, Tenn.
- Reserve grand champion LaManchas shown by John Brannan of Greene County.
- Grand champion Nubians shown by Jackson Noble of Rowan County.
- Reserve grand champion Nubians shown by Meghann Moore of Rowan County.
- Best in Show shown by Morgan Owen of Madison County.

Jr. Meat Breed Ewe Show

- Grand champion ewe shown by Lydia Wilson of Rowan County.
- Reserve grand champion ewe shown by Beverly Hampton of Rowan County.

Jr. Market Lamb Show

- Grand champion and reserve grand champion lambs shown by Beverly Hampton of Rowan

County.

WNC District Jr. Dairy Cattle Show

- Grand champion and reserve grand champion Ayrshires shown by Sarah Smart of Haywood County.
- Grand champion Brown Swiss shown by Zachary Ross of Haywood County.
- Reserve grand champion Brown Swiss shown by Kimberly William of Haywood County.
- Grand champion Guernsey shown by Zachary Ross of Haywood County.
- Grand champion Holstein shown by Hunter Bolin of Haywood County.
- Reserve grand champion Holstein shown by Jonathan Smart of Haywood County.
- Grand champion Jersey shown by Melissa Cameron of Henderson County.
- Reserve grand champion Jersey shown by Eve Chapman of Haywood County.

Open Dairy Cattle Show

- Grand champion Ayrshire shown by Kim Frady of Bradley County, Tenn.
- Reserve grand champion Ayrshire shown by Jessica Moody of Haywood County.
- Grand champion Brown Swiss shown by Heath McGaha of Haywood County.
- Reserve grand champion Brown Swiss shown by Holly Cassell of Grayson County, Va.
- Grand champion and reserve grand champion Guernseys shown by Charlie Kelly of Union County, S.C.
- Grand champion and reserve grand champion Holsteins shown by Kaitylyn Taylor of Hawkins County, Tenn.
- Grand champion Jersey shown by Sandi Snodgrass of Hamblen County, Tenn.
- Reserve grand champion Jersey shown by Major Bond of Catawba County.

Open Jr. Dairy Cattle Show

- Grand champion Ayrshire shown by Joseph Smart of Haywood County.
- Reserve grand champion Ayrshire shown by Kelly Parkins of Haywood County
- Grand champion Brown Swiss shown by Lily Harris of Transylvania County
- Reserve grand champion Brown Swiss shown by Holly Cassell of Grayson County, Va.
- Grand champion and reserve grand champion Guernseys shown by Mary Collette of Greene County, Tenn.
- Grand champion and reserve grand champion Holsteins shown by Michael McSwain of Lincoln County.
- Grand champion Jersey shown Ainslee Davenport of Knox County, Tenn.
- Reserve grand champion Jersey shown by Lawton Harris of Jasper County, Ga.

Open Feeder Calf Pen Show

- Grand champion pen of feeder calves shown by Jackson Reeves of Buncombe County.
- Reserve grand champion pen of feeder calves

shown by Jackie Gillespie of Buncombe County.

Jr. Meat Goat Show

- Grand champion junior market goat shown by Beverly Hampton of Rowan County.
- Reserve grand champion junior market goat shown by Abigail Wilson of Rowan County.
- Open Meat Goat Show
- Grand champion percentage boer doe shown by Alexis Briley of Pitt County.
- Grand champion and reserve grand champion fullblood boer buck shown by Dustin Cockerham of Guilford County.

Open Heritage Turkey Show

- Grand champion tom shown by Walter Thomas of Henderson County.
- Youth Heritage Market Turkey
- Grand champion tom shown by Joanna Kanupp of Catawba County.
- Reserve grand champion tom shown by Luke Kanupp of Catawba County.
- Grand champion hen shown by Nate Worley of Buncombe County.
- Reserve grand champion hen shown by Amanda Robertson of Buncombe County.

Jr. Wool Breed Show

- Grand champion junior wool fleece shown by Bryson Capps of Henderson County.
- Grand champion junior wool ewe shown by Allison Rudisill of Buncombe County.
- Reserve grand champion junior wool ewe shown by Jordan Warren of Henderson County.
- Premier exhibitor presented to Allison Rudisill of Buncombe County.

Open Fleece Show

- First place in white fleece was presented to Virginia McGuire of Buncombe County.
- First place in colored fleece was presented to Derrick Azelton of Henderson County.
- Open Wool Breed Show
- Supreme champion fleece shown by Savannah Trantham of Buncombe County.
- Supreme champion flock shown by Debbie Trantham of Buncombe County.
- Supreme champion ram shown by Katie Hacker of Cloverdale, Ind.
- Supreme champion ewe shown by Christine Dotson of Henderson County.

Market Swine Show

- Grand champion junior market swine shown by Hayley Hargus of Henderson County.
- Reserve grand champion junior market swine shown by Eli Morgan of Buncombe County.
- Grand champion senior market swine shown by Donna Herman of Henderson County.
- Reserve grand champion senior market swine shown by Beverly Hargus of Henderson County.
- Supreme champion market swine shown by Hayley Hargus of Henderson County.
- Reserve supreme champion market swine shown by Eli Morgan of Buncombe County.