Celebrated Farm City Week with food, economy, it also provides us agribusiness is good for our than 686,000 people. Business is North Carolina's contributions of their agriculture across the state hold special joy during National Farm-City Week. Much of the connection between things we have in life. It also is a time to be reminded of the connection between farms and the foods we enjoy during National Farm-City Week. Many communities across the state hold special events in recognition of the contributions of their agricultural communities.

Agriculture and agribusiness is North Carolina's leading industry at $64 billion, and it employs more than 868,000 people.

While agriculture and agribusiness is good for our economy, it also provides us with food, fiber and fuel.

Be sure to thank a farmer this November.

November is typically a time when we pause to give thanks for the many blessings we have in life. It also is a time to be reminded of the connection between farms and the foods we enjoy during National Farm-City Week. Many communities across the state hold special events in recognition of the contributions of their agricultural communities.

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Volume: 91 - No. 11

November 2016

Raleigh, N.C.

**Flooding from Hurricane Matthew devastates Eastern North Carolina**

When the tobacco buyout happened in 2004, Kelvin Bass took the opportunity to move away from tobacco production and focus on two enterprises he had started earlier: pick-your-own strawberries in 1983, and retail nursery and floriculture production in 1986. He expanded the garden center to sell more plants near Momeyer, in Nash County, thinking that was the end of his run with tobacco.

Bass, who holds a degree in biological and ag engineering from N.C. State University, has never shied away from trying something new, whether it was a new crop or a different production technique. He had worked with Cooperative Extension in the past on test crops, and he was a regular user of the N.C. Department of Agriculture and Consumer Services’ agronomic services.

“Some things work and some things don’t,” Bass said, mentioning a Christmas tree experiment that was not especially successful. “It’s easy to get stuck on the tried and true, but we were small enough to try some different things.”

Tobacco had been good to his family, but he figured the timing was right to make the transition. The nursery business grew, even adding an ice cream shop, but then the economic downturn of 2008 slowed business. Bass once again needed to figure out something to add to his farm to help financially.

While he thought he was through with tobacco, he discovered there was growing demand for organic tobacco, and the crop was commanding a premium price. As he looked at the numbers, he believed there was an opportunity for organic tobacco to add to his bottom line.

Some of his 350 acres of farm-land had already been out of production for a couple of years, allowing him to obtain organic certification more quickly. Generally, fields cannot have had any pesticides used on them for three years in order to become certified organic.

“I had land just laying for two years, and we just kinds backed into the organic market,” Bass said.

As a third-generation tobacco grower, Bass figured he had the experience and know-how to produce a crop from seed to harvest. So some of his greenhouses returned to producing tobacco transplants, something he had done with his conventional tobacco crop.

And that is when he discovered one of the many challenges of organic production. Some of the transplants were slow to grow, and growth was inconsistent in part because of the slow-release nutrients he needed to use for organic production.

“Last year, I tried this and I tried that, and I think some of them were actually working against each other,” he said. He ended up having to buy transplants, which was costlier.

Hoping for better results this year, Bass consulted with a N.C. Department of Agriculture and Consumer Services agronomist Mike Wilder, right, goes over an agronomic report with Momeyer farmer Kelvin Bass. Bass returned to tobacco production, growing organic tobacco.

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One North Carolina county is using the past to help preserve farming for the future.

"Hearts for Farmland" is a new book that features nearly 200 black-and-white farming photos from the county, and documents how agriculture has changed over the decades. Proceeds from the book will raise funds for the Cleveland County Farm Preservation Program, a program that creates awareness of agriculture and seeks to preserve farms.

The book will be sold at the Foothills Farmers’ Market in Shelby and at the USDA office at 844 Wallace Grove Drive. It also can be ordered online at ArcadiaPress.com. The price is $21.99.

"The book had come about after the 2014 discovery of a box of black-and-white photos from the 1940s through the 1960s. Many photos showed how farmers were trying to prevent erosion, such as building terraces with mules and drag pans."

"We thought it was such a waste that these photos were sitting in the back of the storage room and nobody could see them," said Stephen Bishop, soil conservationist for the district. "So we contacted a publishing company about creating a book to benefit farm land and preserve." Arcadia Publishing liked the idea and told Bishop they would need 200 photos to create the book, essentially needing to double the amount the district had. It took about five months to find the additional photos. Bishop says a lot of local residents brought in photos and told stories about growing up on the farm, and he tried to document those stories, as well. Other old photos were found at the local cooperative extension office and archives of Gardner-Webb University.

Cleveland County has rich agricultural history, frequently leading the state in cotton production from the 1930s to the 1950s. The county later became a leader in dairy production, with nearly 1,000 farms reporting milk sales in 1954. "A lot has changed," Bishop said. "For the first time in the recorded history of the county, not a single stalk of cotton was grown here in 2016, and we are now down to three dairy farms."

Poultry, soybeans and grain, and beef are the three biggest sectors of agriculture in the county today. Cleveland County still generates $120 million in agricultural sales each year, nearly double any surrounding county.

For more information, contact the Cleveland Soil and Water Conservation District at 704-471-0225, ext. 3, or stephen.bishop@ncdua.gov

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Mountain State Fair livestock show winners announced

Winners were announced in Brahman, beef, goat, sheep, poultry and swine shows held during the 2016 N.C. Mountain State Fair. Following are winners by category: Open Brahman Show

- Grand and reserve grand champion female shown by Chelsie Brannan of Iredell County, N.C.;
- Reserve supreme champion female shown by Brandy Prestwood of Caldwell County, N.C.;
- Supreme champion female shown by Noah Henson of Haywood County; Reserve supreme champion for all other breeds shown by Marcie Harwood of Stanly County;
- Grand champion Shorthorn shown by Regan Mitchem of Lincoln County;
- Reserve champion Shorthorn shown by Rex Howard of Caldwell County;

Open Feeder Calf Pen Show

- Grand champion pen of heifers shown by Jackson Reeves of Buncombe County;
- Reserve grand champion pen of heifers shown by Caleb Gillespie of Buncombe County;
- Reserve grand champion commercial heifer shown by Bill Jones of Buncombe County;
- Reserve grand champion Brahman shown by Rex Howard of Caldwell County;
- Grand champion Angus heifer shown by Blogger Meckey of Madison County;
- Reserve grand champion Angus heifer shown by Colton Cox of McDowell County;
- Reserve grand champion Red Angus heifer shown by REX HOWARD OF CLEVELAND COUNTY;
- Reserve grand champion Gelbvieh shown by Noah Henson of Haywood County;
- Reserve grand champion Gelbvieh shown by Caleb Henson of Haywood County;
- Grand champion for all other breeds shown by Murray of Rutherford County;
- Grand champion Shorthorn shown by Regan Mitchem of Lincoln County;
- Reserve champion Shorthorn shown by Rex Howard of Caldwell County;

Youth Bantam Poultry Show

- First-place champion shown by Chelsie Bobbitt of Iredell County;
- Second-place champion shown by pouring Griffin of Mitchell County;
- Reserve champion first- and second-place goose shown by Chelsie Bobbitt of Iredell County;
- Reserve champion duck shown by first- and second-place duck shown by Chelsie Bobbitt of Iredell County;
- WNC District Junior Market Steer

- Champion shown by Mark Gillins of Henderson County;
- Grand champion homegrown junior market steer shown by Katie Gibbons of Macon County;
- Grand champion steer shown by Dylan Hunt of Macon County;
- Reserve grand champion steer shown by Layson Gillins of Macon County;
- WNC District Junior Feeder Steer

- Grand champion shown by Bill Jones of Buncombe County;
- Reserve champion shown by Kelis Cartwright of Buncombe County;
- WNC District Junior Feeder Calf

- Grand champion shown by Ethan Lunsford of Buncombe County;
- Reserve champion shown by Alex Reobech of Haywood County;
- WNC District Junior Beef Heifer

- Grand champion commercial heifer shown by Bill Jones of Buncombe County;
- Reserve champion commercial heifer shown by Jordan McAninch of Buncombe County;
- Grand champion Hereford heifer shown by Jordan McAninch of Lincoln County;
- Reserve champion Hereford shown by Brandy Prestwood of Caldwell County;

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

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Bucolic briefs

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

Beekhoppers with bees for rent and growers interested in bee pollination services can post their information on the BeeLinked website at www.ncagr.com/beelinked. The site is hosted by the N.C. Department of Agriculture and Consumer Services and the N.C. State University Agriculture Program. Anyone interested in renting beehives can also visit the site to see which beekhoppers are in the area. To learn more about the NCDOL’s Plant Industry Division regulates the movement of agricultural or related items into and out of the state, and enforces the state’s plant and pesticides. Beekhoppers participating in this program will be required to comply with all honey and bee industry regulations. ***
Preparation of a dessert from scratch.

Sweet Potato Breakfast Surprise

3 tablespoons coconut oil
6 cups julienned sweet potatoes
1 pound ground sausage, scrambled
6 strips bacon
1 small red onion, chopped
3 cloves garlic, chopped
8 eggs, beaten with dash of salt and pepper
14-ounce can diced tomatoes, drained
Salt and pepper to taste

In non-stick skillet, heat coconut oil. Add sweet potatoes and cook until done. Once crispy, remove from skillet, place in 8-10 inch bowl and set aside. In same skillet, brown sausage, bacon, onion and garlic. Once meat is browned, remove all ingredients from skillet. Crumble bacon. Wipe excess grease from skillet, then add eggs and tomatoes. Cook over medium heat until eggs are done. Pour egg and meat mixtures into sweet potato bowl. Turn bowl with contents over onto plate.
Hay wagons, 4 wheel, JD & Oliver, 192 bottom; 3 wheel, 6 ft high end load, 1,400; Graves field loader, 340; J. Logan, Hillsboro 704-592-2526.

Scraple blade, 6 ft, $180; Tarter roller tiller, 6 ft, $800; fender for Ford Ferguson 8N, $50; crankshaft for Ford 8N, $375; “H” hitch for Ford, 6 ft, $279; Way, Gibsonville 336-312-8329.


1976 Gleaner C combine with 20 ft. corn head, gas motor, $3,500; Ford 929-9339.

Skid steer bucket, 5 ft, J. Lesher, Greensboro 336-376-3920 or 396-6575.

FARM EQUIPMENT


Wanted ford 6 bottom, 3 point hitch, complete, $700; 140 w/o fenders, $90; rt angle pto, $125; fast Hitch, $525; Case corn shredder & 1 row, 24 disc w/7 in. spacing, adjust. 2 row, 8 disc w/4 in. spacing, $525. Jared Nunn, Robbins 910-464-2120.

FARM EQUIPMENT

1993 Cub Cadet 1863, 18 hp, runs fair, dual MF 240 tractor, good shape, $3,900 OBO. Deborah Holmes, LaGrange 919-813-2737.

3-18 bottom roller trip plow, $800; Woods 6 ft bush hog, $800; JD 2 row corn planter, $1,000. Rick, Pinnacle 336-648-3174.


2 row rolling cult. w/fert., $800; 2 row w/329 super sheller, 8 row, 24 disc w/7 in. spacing, adjust. 10 row w/329 super sheller, $5,000. David Shepherd, Watson, Shelby 704-472-1206.

1993 Ford 8N tractor, FC, runs good, 1400 hrs., 6 hp shaft, $700; 1998 NH 570 square baler, new $2,545 hay edger, $800; parts for NH 474 hayline, $10 & up. Reagan Thompson, Vale 704-983-2222.

Avery 6 ft pull-type disc harrow, 24 dw, 6 in. wide, 3 adjusting. single edge, $125; Case over lap, new $525. David Taylor, Locust 704-486-7112.


1995 JD 915 head, ex head, EX, $6,000; Atlantis bush & bog, $350; Randy Clintz, Indiana 704-615-3490.

12-14 bottom, 3 pt. hitch, JD 929-9339. 3 row, 24 disc w/4 in. spacing, $12,000. John Cottrell, Concord 704-913-5155.

MFD 250 tractor, diesel, $10,000. John Steele, Alexis 704-616-9627.

JD 720 diesel tractor, tricycle front end, ps, gas, pony, stored under cover, $800. Rhodes, Hillsboro 919-616-2852.

1993 IH 785 tractor, runs good, 10 hp, $3,000. Cindy, Fayetteville 910-750-2315.

FH 4000, auger, 3.5 hp, new $1,500. John Williams, Clayton 919-332-1783.

JD 1000 1863, 18 hp, runs good, $3,000. John Williams, Clayton 919-332-1783.

JD 246 tractor w/146, workshop, 6 ft, $150; 329 super sheller, 8 row, 24 disc w/7 in. spacing, new $525. Jim Duane Kirschenman, Winston-Salem 336-598-0518.

1971 JD 2640, tractor, good cond., $7,000. Mark, Madisonville, Richland 704-361-4520.

JD 4718, 4x4 cab, w/Allamoo boom mower, $20,000; JD 6420, 4x4 tractor, 2790 hrs., w/loader, $32,000; JD 4720, 4x4 tractor, 2790 hrs., w/loader, $32,000; JD 4741, 4x4 tractor, 2790 hrs., w/loader, $32,000; JD 4750, 4x4 tractor, 2790 hrs., w/loader, $32,000. Jack Rice, Clemmons 336-817-6355.


Ford 4600, garage kept, 2,200 hrs., 2 new fenders, tires complete, $2,000. John Best, Clemmons 336-847-0671.

FARM EQUIPMENT

JD 160 tractor, 1 3/4 hp, 5 ft pull-behind mower & scraper, 8 ft, $1,000. Randy Crawford, Concord 704-913-5155.


FARM EQUIPMENT

JD 720 diesel tractor, tricycle front end, ps, gas, pony, stored under cover, $800. Rhodes, Hillsboro 919-616-2852.

1993 IH 785 tractor, runs good, 10 hp, $3,000. Cindy, Fayetteville 910-750-2315.

FH 4000, auger, 3.5 hp, new $1,500. John Williams, Clayton 919-332-1783.

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JD 246 tractor w/146, workshop, 6 ft, $150; 329 super sheller, 8 row, 24 disc w/7 in. spacing, new $525. Jim Duane Kirschenman, Winston-Salem 336-598-0518.
November 2016

**Agricultural Review**

### Hay & Grain

**Hay & Grain For Sale**

**Orchard, Timothy, c/o The Glenwood Springs, 336-323-3892.**

- Mixed dry grass, 4x4 rnd bales, $30/ea.; orchard grass, square bales, $45/ea.; Mike Hicks, Greensboro 336-569-6837.
- Fescue hay, 4x4 rnd bales, $30/ea.; Hep, 336-239-1271.
- Hay, fescue & ryegrass, 4x5 rolls, $40/ea.; loaded. Larry Decker, Pittsboro 919-444-0714.
- Fescue hay, 4x4 rnd bales, $45/ea.; good quality, $25/ea.; Carl Himzin, Cameron 919-499-5701.
- Mixed orchard, horse, lespedeza, no rain/wet fields, 4x5 rnd bales, $25-40/ea.; Steve Beckner, Mebane 919-563-5666.
- Hay, horse quality, 2016 cutting, no rain, at burl., dry, 4x4 yards, 336-569-6837.
- Hay, horse quality, 4x4 round bales, 5x6, well-seasoned for trail/show, 336-901-2271.
- Amish buggy, leather seat, equestrian quality, $1,500/ea.; NC, $1,200; horseboarding near Charlotte, $400. Kevin Evans, Gold Hill 704-213-1429.
- 2012 Horseman horse, 4 horse stall load, all alum., rubber boots, 2016 cutting, horse are drop down windows, awning, slightly used, $25,000. OBO. Betty Brown, Seagrove 919-428-9016.
- Horse boarding, amp pasture, 3 al. fields opening on covered paddock, ring, stable, stall, tack room, water, rooms, near town, 2/00/mo. Steve & Janice Beckner, Mebane 919-563-5666.
- Horse boarding, Silo Hope area, good for senior horse, pasture bldg., wash in-shed, small indoor stables, trails, tack room, 2 feedings/day, ref. avail., owner/mgr. on site, $250/mo. Ann Harville, Siler City 919-742-5053.
- Draft horse harness, collars, hames, etc., all GC; OBO. John Kalwitz, Cameron 919-935-9977.

### Horses & Supplies For Sale

**PLEASE NOTE:** All equine 6 yrs. or older must have a current negative Coggins test. Advertisers must supply the appropriate Coggins form. All horses listed, current negative Coggins, must be posted. $200/mo. for each equine advertised.

- Paso mare, bay, 13 y/o, 14 h., well seasoned for trail/show, $2,000. A. Furr, Salisbury 704-798-3460.
- 1998 gooseneck 3 horse stock trailer, 22', all aluminum, with air, $10,000. Mark hamm, Statesville 704-934-7080 or hnnl@ bellsouth.net.
- Market cuttontail rabbits, great for training young pups, $8. Scott Bryant, Raleigh 919-761-3075.

### Farm Land for Sale

- 9 ac in Randolph co, 58 acres marketable timber, 9 fence, 23, timbered 1,600 ac. $500,000. Lucinda Bowman, Colfax 336-569-6837.
- Large horse barn for rent, 10 stalls, feed room, horse washing & drying area, $200 w/ woven wire fencing, incl. water, $100/horse/$200/mo.; $450/mo. David Taylor, Lexington 240-498-8054.
- Pasture horse boarding, horse horse, rider quality for trail/tack & hay riding, trails 100, mo. Boyd Lockhart, Semora 336-363-3867.
- 1998 Sundowner alum 3 horse stall load w/1-12 living quarters, stored inside, GC, $18,000 Frankie Pendergraft, Prospect Hill 336-266-0836.
- 33 ac in a 30 mi. radius for $20 per horse. Colonel Bowman, Colfax 336-420-0986.
- 919-528-1767.

### Orchard, Steve, Welcome 336-731-4015.


- Grass, clover, lespedeza hay, 4x4 rnd bales, Caswell co, $25/ea. for sale or trade at £/yard, 336-366-1149.

- Orchard grass hay for sale, horse quality, no rain/wet fields, stored, 4x5 rnd bales, 40/ea.; hay, square bales, 35/ea., Greg Holtzmann, Man- son 251-590-3030.

- Fescue hay, 4x4 rnds bales, 2016 cutting, delivery fee, $25/ea. David Little, Pleasant Grove NC, 910-559-8219.


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Farm and Land

For Rent
985-3751.

ac Barry McSwain, Norwood

Isenhour, Polkton 704-791-9068.

pasture near Oakboro on Rich-

Burlington 919-724-3244.

ries, $149,000. Karen Poole,
some fencing, fruit & ber-

yr. Hubert O’Bryant, Reidsville

bd/2 ba double-wide for lease,

mi. of Marshville to lease, will

Shorts, $1,500/bred; $1,200/open.

Morgan, Fairfax 704-898-6874.

m/o, $2,000/4. A Furr, Salisbury

704-871-9084.

BOROUGH

Farms & Properties

Rent

ac farm

3.7 ac in Yadkinville

211 ac in Anson co

8+ ac in Yadkin co

48 ac w/owner

fi

excellent

sidered, need physical address/

property with poultry as

mindful if driving onto

stay on your property, be

working with birds that

observe for signs of sick-

any new poultry additions

This includes quarantining

Growers can also contact

Game chickens

Little Giant still

Sportsman qg2 incubator

Gambel, California, Blue Scale, Mexican Speckled, whiteface tree ducks, reeves silver Bahama pintail, Bahama

Pigs & hogs

Weekender, Clarksville, Tenn.

Charolais bulls & heifers

Reg. blk. Angus

Bred Duroc cross sow

Charbray & Ultrablack

Nigerian dwarf does

Sanford 919-353-1096.

9-14 pigs, $500. Bobby Riddle,

Tamworth cross breeding sows,

Angus x heifers, $900. Ronnie

McCain, Climax 336-736-6413.

y/o when they calve, $1,500. Jeremy

12-2016, bred ai to Angus bull, 2

fi

476-8608.

Smith, High Point 336-339-3348.

bulls; Ultrablack f1, Brangus,

equine veterinary  diagnostic

if they

and to contact a veterinarian

aged, however, to watch their

Their

Hoover, High Point 704-836-8111.

600; female goats, approx. 2/3 y/o, $150; Nigerian Dorian doe, $150; Kiko/Texasmaver doe, $160; SW/$200.

336-981-2521.

Miniature zebu heifers &

bull calves, $350-650. Kevin

Kesler, Salisbury 704-467-2227.

Charolais bulls & heifers,

pigs, $60 & up. Kevin Evans, Gold

Huntersville 704-983-5585.

Livestock

Red Gelbvieh full-blood, full-blood, Calves Charpe, Graha-

Gambel, California, Blue Scale, Mexican Speckled, whiteface tree ducks, reeves silver Bahama pintail, Bahama

Pigs & hogs

Weekender, Clarksville, Tenn.

Charolais bulls & heifers

Reg. blk. Angus

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y/o when they calve, $1,500. Jeremy

12-2016, bred ai to Angus bull, 2

fi

476-8608.

Smith, High Point 336-339-3348.
**On Sale**

- **Rabbit cages & hutches**
  - 4 ft., single door, $10
  - 6 ft., double doors, $15
  - 8 ft., triple doors, $20

- **Guinea hen & quail cages**
  - 4 ft., single door, $10
  - 6 ft., double doors, $15
  - 8 ft., triple doors, $20

- **Rabbit & guinea hen hutches**
  - 4 ft., single door, $15
  - 6 ft., double doors, $20
  - 8 ft., triple doors, $25

- **Poultry & Livestock Wanted**
  - **Farm fresh eggs**
    - Fresh, large brown, $1.25/dozen
  - **Young pullets**
    - Black, $2.25/dozen

- **Plants & Seeds**
  - **Blueberry plants**
    - 100 bushes, $500
  - **Lamberts**
    - 100 trees, $200

- **Poultry & Livestock For Sale**
  - **Rabbits**
    - Black, $2.25/dozen
  - **Guinea fowl**
    - Black, $3/dozen
  - **Chickens**
    - Iowa blue, $2.75/dozen

- **FARM SUPPLIES**
  - **Water/fuel totes**
    - 25 gal., $125
  - **Aermotor windmill**
    - 1999, $4,500
  - **30 in. w x 28 in. h, $200
  - **Iowa blue chickens**
    - 100, $2.75/dozen

- **Machinery & Equipment**
  - **Pickup trucks**
    - 1992 Ford F-250, $8,000
  - **Wiring for fence,**
    - $40/roll

- **Trucks & Trailers For Sale**
  - **Dixie rock tobacco barns**
    - 20 ton tilt trailer
t  - **Ridgefield utility trailer**
    - 20 ft, $1,850

- **Plants & Supplies**
  - **Tuberose bulbs**
    - 400, $2/ea.
  - **Seed oats**
    - 20# bags, $1/ea.

- **Social media links.**
  - Consumer Services, check

- **For Sale**
  - **Water well drill,**
    - 100 ft, $1,150
  - **1999 Chevy ton, 4 sp.,**
    - 55 mi., $4,850

- **For Sale by Owner**
  - **Dairy feeder goes 12 in. & 12 ft.**
    - $7,000
  - **2002 Ford F-250**
    - Lariat, ext. cab, $4,900

- **For Sale by Dealer**
  - **WANTED**
    - Chevy, 4.2L, $4,500

- **Miscellaneous**
  - **Leaf catch trailer**
    - 6 ft., single axle, $1,200
  - **Leaf blower**
    - 2 hp, $150

- **WANTED**
  - **Horsepower engines**
    - 250 hp, $3,500
  - **Generac power systems**
    - 200 kw, $15,000

- **WANTED**
  - **Guinea hens & rabbits**
    - Fresh, $2/dozen
  - **Seed oats**
    - 50#, $25

- **Grain bin**
  - 30# bags, $1/ea.

- **Seed & Plants For Sale**
  - **Blueberry plants**
    - 100 bushes, $500
  - **Chicken farm w/breeder supplies**
    - 500, $100

- **For Sale**
  - **Steel & metal**
    - 500#, $10/ea.

- **Tractors & Trailers**
  - **Ranchers & farmers**
    - John Deere, $11,000
  - **Trendway dump truck**
    - 1992, $7,000

- **For Sale by Owner**
  - **Garden tractors**
    - 1993, $3,500
  - **Dairy feeder goes 12 in. & 12 ft.**
    - $7,000

- **Hog & livestock**
  - **Concrete & masonry**
    - 50#, $20/ea.
  - **Concrete & masonry**
    - 50#, $20/ea.

- **Miscellaneous**
  - **Guinea hens & rabbits**
    - Fresh, $2/dozen
  - **Seed oats**
    - 50#, $25

- **Plant sales & supply**
  - **100# bags of fertilizer**
    - $25
  - **100# bags of fertilizer**
    - $25

- **Miscellaneous**
  - **Concrete & masonry**
    - 50#, $20/ea.
  - **Concrete & masonry**
    - 50#, $20/ea.

- **WANTED**
  - **Horsepower engines**
    - 250 hp, $3,500
  - **Generac power systems**
    - 200 kw, $15,000

- **Garden tractors**
  - **Concrete & masonry**
    - 50#, $20/ea.
  - **Concrete & masonry**
    - 50#, $20/ea.

- **Miscellaneous**
  - **Concrete & masonry**
    - 50#, $20/ea.
  - **Concrete & masonry**
    - 50#, $20/ea.

- **Hog & livestock**
  - **Concrete & masonry**
    - 50#, $20/ea.
  - **Concrete & masonry**
    - 50#, $20/ea.

- **WANTED**
  - **Horsepower engines**
    - 250 hp, $3,500
  - **Generac power systems**
    - 200 kw, $15,000

- **Garden tractors**
  - **Concrete & masonry**
    - 50#, $20/ea.
  - **Concrete & masonry**
    - 50#, $20/ea.
Organic tobacco

(Cont’d from pg. 1)

Mike Wilder, an NCDAC&CS regional agronomist who works with growers in Edgecombe, Franklin, Halifax, Nash, Northampton, Vance and Warren counties, to see if they could get better results.

For conventional tobacco, we've got the recommendations down pretty good," said Michelle McGinnis, who oversees the 13 regional agronomists in the state. "With organic tobacco, the fertilizers are a lot different and the alkalinity is very high, and growers can't use traditional means to balance that."

Because organic production of tobacco is a newer area, there had been any real tried-and-true scientific recommendations developed. That’s one reason Wilder recommended steady solution testing. By regularly testing the water in the field, Wilder and Bass would have information on nutrient levels at different stages of growth and could work to balance the nutrient levels along the way to optimize growth.

They were also looking at alkalinity levels at different stages and how the plants responded.

"I hope, with this, we can eliminate trial and error. Before, we were just shooting in the dark," Bass said.

At one point, it seemed like the growth of the plants just stalled. "After two basically failures in a row, I was getting frustrated when it seemed the transplants were just sitting, but then they came on, and it was amazing how quickly they recovered," Bass said.

The proof was in the better quality transplants this season, enough for the 70 acres of tobacco he grew.

Researchers at N.C. State University are now working on a project at the Central Crops Research Station in Clayton that is focused on nutrient recommendations for organic float bed transplant production. McGinnis said she is hopeful the research work, coupled with the observations Wilder and Bass have made this season, will help agronomists develop better recommendations for organic growers in the future.

"This is a fairly new production system that we have been looking at the last couple of years. We are trying to fine-tune for recommendations, and we are learning more by growing with growers like Kelvin Bass who are willing to try some new things," McGinnis said.

Bass was happy with this year’s results. He said one take away from this year’s transplant process is that they will probably start everything earlier in the greenhouse next year, because organic fertilizers are slower.

MSF livestock results

(Cont’d from pg. 2)

Abuzzino of Enoree, S.C.; Open Junior Feeder Steer Grand champion shown by Kelcy Albritton of Buncombe County;

Reserve grand champion shown by Jacob Wallace of Macon County;

Open Junior Doe Dairy Goat

Grand champion Nigerian Dwarf shown by Sarah Moore of Rowan County;

Grand champion Nigerian Dwarf shown by Tom Rucker of Marengo, Ohio;

Grand champion Ohratherbush shown by Tom Rucker of Marengo, Ohio;

Reserve grand champion Ohratherbush shown by Crest High School FFA in Cleveland County;

Grand champion recorded grades shown by Peggy Kisler of Lee County;

Reserve grand champion recorded grades shown by Morgan Owen of Madison County;

Grand and reserve grand champion Saanen shown by Morgan Owen of Madison County;

Reserve grand champion Alpines shown by Morgan Owen of Madison County;

Grand champion Alpines shown by Linda Giles of Union County;

Grand champion Alpines shown by Christen Owen of Madison County;

Grand champion Alpines shown by William Black of Rowan County;

Grand and reserve grand champion Nigerian Dwarf’s shown by Tom Rucker of Marengo, Ohio;

Grand champion Nigerian Dwarf’s shown by Morgan Owen of Madison County;

Grand champion Saanen shown by Christine Owen of Madison County;

Reserve grand champion Saanen shown by Morgan Owen of Madison County;

Grand champion Toggenburg shown by Peggy Kisler of Lee County;

Grand and reserve grand champion Alpines shown by Morgan Owen of Madison County;

Grand champion Toggenburg shown by Janene Donovan of Alaman County;

Reserve grand champion Toggenburg shown by Peggy Kisler of Lee County;

Grand champion Alpine shown by Sarah Moore of Rowan County;

Reserve grand champion Alpine shown by Siegried Forster of Polk County;

Grand champion LaMancha shown by Terri Sines of Alamance County;

Reserve grand champion LaMancha shown by Linda Giles of Union County;

Grand champion Nubian shown by Renay Edwards of Johnston County;

Reserve grand champion Nubian shown by Renay Edwards of Johnston County;

Reserve grand champion Nubian shown by Linda Giles of Union County;

Open Senior Doe Dairy Goat

Grand and reserve grand champion Nigerian Dwarf’s shown by Tom Rucker of Marengo, Ohio;

Grand champion Nigerian Dwarf’s shown by Morgan Owen of Madison County;

Grand champion Nigerian Dwarf’s shown by Alyssa Peckman of Orange County;

Grand champion Nigerian Dwarf’s shown by Calh Arnold of Transylvania County;

Reserve grand champion Nigerian Dwarf’s shown by Crest High School FFA in Cleveland County;

Grand and reserve grand champion recorded grades shown by Morgan Owen of Madison County;

Grand and reserve grand champion Saanen shown by Morgan Owen of Madison County;

Best in Show shown by Morgan Owen of Madison County;

Grand and reserve grand champion Saanen shown by Morgan Owen of Madison County;

Grand champion Nigerian Saanen shown by Morgan Owen of Madison County;

Grand champion Toggenburg shown by Maggie Arnold of Transylvania County;

Grand champion Nigerian Toggenburg shown by Terri Sines of Alamance County;

Grand and reserve grand champion Nigerian shown by Jeremy Hood of Catawba County;

Best of Show exhibited by Tom Rucker of Marengo, Ohio;

Youth Junior Doe Dairy Goat Grand champion Nigerian Shown by Camill Arnold of Transylvania County;

Reserve grand champion Nigerian Shown by Maggie Arnold of Transylvania County;

Grand champion Nigerian Shown by Crest High School FFA in Cleveland County;

Grand champion Nigerian shown by仟 Renay Edwards of Johnston County;

Best of Show exhibited by Morgan Owen of Madison County;

Grand and reserve grand champion Nigerian shown by Morgan Owen of Madison County;

Grand champion Nigerian Shown by Linda Giles of Union County;

Grand champion Alpines shown by Maggie Arnold of Transylvania County;

Grand champion Nigerian Shown by Crest High School FFA in Cleveland County;

Grand champion Nigerian Open Junior Feeder Steer shown by Abigail Wilson of Rowan County;

Grand champion Got To Be NC Ewe shown by Lydia Wilson of Rowan County;

Reserve grand champion Got To Be NC Ewe shown by Hanna Carter of Stanly County;

Open Meat Breed Sheep Grand champion meat breed ewe shown by Cynthia Connolly of Rowan County;

Reserve grand champion meat breed ewe shown by Kam Childers of Ewing, Va;

Grand champion meat breed ram shown by James Simoons of Adel, Ga;

Reserve grand champion meat breed ram shown by Lyd- ia Wilson of Rowan County;

Troxler

(Cont’d from pg. 1)

500-year flood, something many of us expected we would only see once in a lifetime. I am not sure how this hurricane will go down in history, but I expect the agriculture community will be talking about it for a long, long time.

As a farmer, I know it is difficult to work all season, get to harvest time, just to see the fruits of your labor rotting in the field, blown away or lost to power outages. We all know it’s a part of the risk of farming, but it is still like a hard blow to the heart.

When we have challenges in our community, we typically see a lot of neighbors helping neighbors. From what I can see following Hurricane Matthew, there are a lot of neighbors in the same boat. We are going to need outside help. We are working closely with our federal partners on assistance for farmers.

We will be continuing to assess agricultural damage and assist farmers and agribusiness however we can. I will update readers in the December issue. Please keep our farm community and Eastern North Carolina in your prayers. Please visit our website, www.ncagr.gov to find up-to-date information.

Horse Events

By June Bury & Horse Times Editor, State Fairs Update, Raleigh, N.C.-733-3945

Nov. 4-6......NHCA's 'C' Indoors. Contact Joan Petty, 919-669-9877.

Nov. 8-9.......Rapid City Benefit Horse Show. Contact John Ruhl, 701-663-2408.

Nov. 10-12....Turkraine Circuit Horse Show. Contact Margaret Hyrnd, 919-410-9859.

Dec. 1 & 6....7th Annual Holiday Classic Open Horse Show. Contact Robyn Lynn, 919-842-6648.

Dec. 9 & 10 ....Carousel Farms Bulls, Bells & Barrels. Contact Jeff Mullens, 919-796-8357.

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

Nov. 4-6......Southern Rodeo Finals. Contact Beth Walker, 828-254-6685.

Nov. 11 & 12 ...Stampede in the Park Rodeo. Contact Robert Bonner, 724-202-5121, ext. 295.

Nov. 16-20......RBC Coastal Run Super Show. Contact Tom Harvey, 919-208-1434.

Dec. 1 & 12....Valentine Indoors NHCA’s 'C' & EHA Horse Show. Contact Joan Petty, 919-669-9877.

Dec. 17 & 18......Old Ford VFD Rodeo. Contact Frankie Buck, 252-946-9780.

Southwest N.C. Agricultural Events Center, Lumberton, 910-616-5809

Nov. 5......Barrel Racing. Contact Beth Hendon, 910-740-7900.

Nov. 7......Tack and Horse Auction. Contact Brad Stephens, 828-390-0878.


Dec. 5......Tack and horse auction. Contact Brad Stephens, 828-390-0878.


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