

North Carolina
ANGUSNEWS



Spring 2023

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From Cortney's Desk...

I have heard the following phrase multiple times in the last few weeks, once from our panelists at Annual Meeting and again from a well-respected Angus breeder, so I am taking it as a sign for it to be my message to you. People can buy cattle anywhere. What they tend to buy into is the people of an operation. The service they provide to you, how you can help them improve, and the feeling they leave you with. The Angus business often is more about the people than the cows. That's what we hope to provide to you here at the North Carolina Angus Association. Service beyond the cattle. We want to help you improve your business by providing marketing and educational opportunities, networking events, and a sense of community. We are backed by the leading breed organization in the country. The resources and technology we have available at our fingertips from the American Angus Association are unmatched in the cattle industry. The possibilities are endless. Whether you are just starting out or have been in the business for many years, there is always something to learn. If we can ever be of any assistance to you or your farm, we would be happy to help you take advantage of all the Angus breed and our Association have to offer!

Cortney Holshouser
North Carolina Angus Association Executive Secretary

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| Size | Cost/ad/publication | Size | Cost/ad/publication | Size | Cost/ad/publication |
|--|--------------------------|--|--------------------------|--|-------------------------|
| Full page (b/w) 7.125 x 9.8125 | \$275 /edition | 1/2 page (b/w) 8.125 x 5.406 | \$125 /edition | 1/4 page (b/w) 4.0625 x 5.4252 | \$75 /edition |
| Full page (color) 7.125 x 9.8125 | \$300 /edition | 1/2 page (color) 8.125 x 5.406 | \$150 /edition | Business card (b/w) 3.5 x 2 | \$50 /edition |

Contact the North Carolina Angus Association for more details on article submission and advertising.
NCAA • Cortney Holshouser • 919-796-2346 • email: ncaa.sec@gmail.com

President's Message



Angus Breeders & Friends,

Winter has presented challenges this year - mud, mud, and more mud. Signs of spring are coming with greening grass, and many of you are probably like us and making plans to rejuvenate pastures after the wet winter, weaning fall calves, winter calving, and even some spring breeding. Does it ever end? For our Juniors, spring is the start of the show season and getting animals ready to hit the road.

Cortney Holshouser is coming into her first full year as our Executive Secretary and is doing a fabulous job. She is no stranger to the Angus industry, and understands our goals and mission.

Thank you to those who attended our Annual Meeting in February - the Annual Meeting Committee worked hard to put on a wonderful event. We appreciate your time to come and conduct the business of the organization and listen to our educational sessions, including American Angus Association President Chuck Grove.

I feel like we have an exciting year ahead - starting with the Spring Fever Sale on April 22nd. There's an exciting lineup of quality Angus cattle. Thank you to our consignors and breeders and the Sale Committee for their hard work to increase the quality and consistency of the offerings.

Last fall, the NCAA featured its first NC On Ice Frozen Genetics Sale with great success. Look for the 2nd frozen genetics sale in 2023; be thinking about what is in your tanks and if you have semen or embryos to consign. More information to come from the Marketing Committee.

We also hope to host the Inaugural Angus Advantage Commercial Female Sale. Based on total cattle inventory across the country, there will be a demand for quality Angus Influenced females in the near future. Now is the time to talk with your bull customers, or look at your own herd inventory, to think about the financial incentive of consigning commercial females to a replacement female sale.

I hope that you all have a wonderful spring and summer - enjoy the beauty and new life that spring brings to agriculture, and the sunshine and growth of summer. Please do not hesitate to reach out if you see opportunities for growth or improvement within our Association - my ear is always open to new ideas - carsonfamilyfarm@gmail.com or 336-818-9087

Thanks,
Callie



North Carolina Angus Association Membership Form

North Carolina Angus Association Inc.

\$50 Regular Membership (All Paying Members -
Purebred and/or Commercial)

Name _____

Farm Name _____

Address _____

City _____

State _____

Zip _____

Phone Mobile _____

Email _____

Website _____

Return form along with \$50 membership dues to:
NC Angus Association
Cortney Holshouser, 746 Collins Mill Rd, Castalia, NC 27816

2023 Schedule of Events

- | | |
|-----------------|---|
| March 10 -12 | Mid-Atlantic Junior Angus Classic, <i>Harrisonburg, VA</i> |
| April 1 | Green Hills Cattle & Hope Cattle Services Spring Turn Out Bull & Female Sale, <i>Oxford, NC</i> |
| April 8 | Knoll Crest Farm Spring Bull & Female Sale, <i>Red House, VA</i> |
| April 15 | Wolfpack Round Up Sale, <i>Raleigh, NC</i> |
| April 22 | NC Angus Association 39th Annual Spring Fever Sale, <i>Union Grove, NC</i> |
| April 23 | NC Junior Angus Association State Show, <i>Lenoir, NC</i> |
| May 1 | Sanders Scholarship deadline |
| May 13 | Springfield Angus Production Sale, <i>Louisburg, NC</i> |
| May 25-28 | Atlantic National Angus Show, <i>Timonium, MD</i> |
| May 20 | Shuffler Farm Herd Reduction Sale, <i>Union Grove, NC</i> |
| June 23-25 | Eastern Regional Junior Angus Show, <i>Lebanon, TN</i> |
| July 1-8 | National Junior Angus Show, <i>Grand Island, NE</i> |
| July 22 | NC Angus Auxiliary Summer Outing, <i>Asheboro, NC</i> |
| August 11-13 | NC Junior Beef Round Up, <i>Fletcher, NC</i> |
| September 8-17 | NC Mountain State Fair, <i>Fletcher, NC</i> |
| September 30 | NC Angus Association Field Day, <i>Asheville, NC</i> |
| September 30 | Biltmore Fall Field Day & Sale, <i>Asheville, NC</i> |
| Sept 29 - Oct 8 | Carolina Classic Fair, <i>Winston Salem, NC</i> |
| October 12-22 | NC State Fair, <i>Raleigh, NC</i> |
| November 3-6 | National Angus Convention & Trade Show, <i>Orlando, FL</i> |
| December 1 | Knoll Crest Farm Total Performance Bull Sale, <i>Red House, VA</i> |

NORTH CAROLINA ANGUS ASSOCIATION 78th Annual Meeting

By: Cortney Holshouser, NCAA Executive Secretary

The 2023 North Carolina Angus Association Annual Meeting was held February 11, 2023 at the Yadkin County Agricultural and Educational Building in Yadkinville, NC. It was a great day of fellowship with our North Carolina Angus family highlighted by an educational session, conducting association business, and welcoming new members to the association.

The day began with an interactive discussion panel focused on marketing bulls to customers and helping those customers market their calves for a premium. Troy Marshall, American Angus Association Director of Commercial Industry Relations, served as the moderator. Troy began the session by giving an update of the Association's commercial programs offered and expanded on the recent announcement of the Angus Link program's new collaboration with IMI Global as a third-party verification service. Troy explained that the collaboration will make it easier and more efficient for producers to access an extensive suite of verification programs and the feeder cattle industry's leading genetic merit evaluation tool in one enrollment. Paul Bennett of Knoll Crest Farm, Bill Tucker of Tucker Family Farms, Jennifer Ligon with Buckingham County Virginia Extension, and Roger Morris President of Buckingham Cattlemen's Association served as panelists. Paul and Bill each spoke of their experience raising and marketing registered bulls and providing service back to their customers by helping them market their calves. Jennifer and Roger explained the concept of the Buckingham County Replacement Heifer Sale that markets commercial females for a premium by adapting a strict selection process. One theme that was repeated throughout the panel discussion was the importance of serving your customers and offering them opportunities to add more value to their cattle.

The North Carolina Angus Auxiliary and North Carolina Junior Angus Association held their Annual Meetings early in the day. The Auxiliary met at the Yadkin Masonic Lodge and enjoyed a BBQ lunch, made plans for the coming year, elected new officers, and were treated to guest speaker, Beth Pugh Ferrell. Beth is currently serving as an Agricultural Programs Specialist with the NC Department of Agriculture & Consumer Services, was recently elected as a Wake County Soil and Water District Supervisor and owns and operates Pack House Farm. Beth spoke to the group about the importance of women in agriculture getting involved in organizations you are passionate about and telling our story to the public. The Auxiliary also hosted the always popular silent auction throughout the day. The Juniors visited Inman Family Farm in Dobson, enjoyed BBQ, made plans for the coming year, and elected new officers as well.

After a short break, the Annual Business Meeting of the North Carolina Angus Association (NCAA) was conducted. Each present association committee chairman shared their annual report of activities for 2022 and goals for the coming year with the membership. The retiring NCAA board of directors' members were recognized and thanked for their three years of service to the association. The retiring Board members are John Brewer, Derek Goddard, Brooke Harward, Zach Moffitt, and Jeff Wood. New Board members were nominated and elected to serve the association for a term of the next three years. New members include: Emily Barnes, Bryant Chapman, Nathan Ireland, Marty Rooker, and John Smith. Following the membership meeting, the Board of Directors met to elect officers. The 2023 NCAA officers are Callie Carson – President, Michael Wyatt - Vice President and Karl Gillespie - Treasurer.

The social hour gave members and sponsors an opportunity to interact and share industry knowledge. Thank you to our many sponsors who helped to make the meeting an enormous success. Our 2023 Industry Partners include: Gold Level Partners – ABS, Biltmore, Farm Credit Associations of NC, Genex, Neogen, Performance Livestock & Feed Company, and Zach Moffitt Cattle Marketing & Consulting; Silver Level Partners – Clifton Seed Company, Merck Animal Health, Sunset Feeds, and Zoetis; Bronze Level Partners – Harpley's, LTD Farm & Garden, Mitchell's Meat Processing, Nutrien Ag Solutions – Statesville, and Windy Hill Farms/Vytelle. Additional specialty sponsors were: Yadkin County Farm Bureau - Facility sponsor and Annual Meeting sponsors: Carson Family Farms, Forsyth County Farm Bureau, and JC's Ranch. Farm sponsors: Back Creek Angus, Biltmore, Crescent Angus Farm, C-Rock-R Farm, and Panther Creek Farms.

During the social, the featured farms on the NCAA website, the ad spaces for association sales and the select pages in the NC Angus News magazine were auctioned. A one of a kind Angus quilt was auctioned for the Auxiliary and a special cake was auctioned for the Juniors. A special thank you to Neil Bowman for serving as the auctioneer and to all of the dedicated NCAA members who participated



Retiring NCAA Board members were recognized for their service during the Annual Business Meeting. Pictured from left to right, Zach Moffitt, Brooke Harward, Jeff Wood, and Vice-President Callie Carson presenting. Not pictured are retiring Board members John Brewer and Derek Goddard.



The panel discussion on marketing bulls and helping your customers market their calves for a premium was very informative. Pictured from left to right, Vice-President Callie Carson, moderator Troy Marshall - AAA Director of Commercial Industry Relations, Paul Bennett of Knoll Crest Farm, Bill Tucker of Tucker Family Farms, Roger Morris - Buckingham Cattlemen's Association President, and Jennifer Ligon - Buckingham County Cattlemen's Replacement Heifer Sale Coordinator.



Roy Outlaw of Outlaw Angus was posthumously awarded the NC Angus Hall of Fame Award. John Smith, far left, presented the award to Roy's family.

NORTH CAROLINA ANGUS ASSOCIATION 78th Annual Meeting

Continued



Chuck Grove, American Angus Association President, was the evening's keynote speaker.



16 NC Junior Angus members were awarded the NC Angus Auxiliary Merit Award. Pictured is Nate Bowman, left, one of the recipients, and Alexandra Brown, 2023 NC Angus Auxiliary President.



Hannah Vanhoy, left, was presented her NJAA Silver Award by Chuck Grove, right.



Hannah Vanhoy, right, received the DeEtta Wood Achievement and Leadership Award. Presenting the award was Cortney Holsouser, left.

in the auction. It was a huge success.

The award portion of the evening was next. Louis Fulcher of Fulcher Farms in Godwin was recognized for winning the Ira Gentry Memorial trophy for consigning the high selling lot in the 2022 Spring Fever Sale. Fulcher Rita 1140, a WAR Cavalry B063 Z044 daughter, sold for \$15,500 to Windy Hill Farms, LLC. The consignors of the high indexing Angus bulls in the NCBCIP Bull Test Sales in Waynesville and Butner were then recognized. Gary Hill of Hill Angus Farm and Tim Aldridge of Oakview Angus were given awards during their respective sales in December.

Many NC Junior Angus members were recognized for their outstanding achievements. Hannah Vanhoy, 2022 NC Junior Angus Secretary, then reported on the activities and accomplishments of the Juniors for the year and introduced the new 2023 officers. The DeEtta Wood Leadership Award was presented to Hannah Vanhoy for her participation in various Angus activities during 2022. The National Junior Angus Association Silver Award was also presented to Hannah Vanhoy by Chuck Grove, American Angus Association President. Next, 2023 NC Auxiliary President Alex Brown introduced the new Auxiliary officers and she and Auxiliary Scholarship Co-Chairman April Bowman presented the NC Angus Auxiliary Merit Awards to several NC Junior Angus members for individual achievement in various Angus and agricultural activities.

Marcie Harward, National Junior Angus Association (NJAA) Foundation Director then spoke about her year of service as a liaison between the NJAA and Angus breeders. She highlighted the Foundation's fundraising campaign this year, as we celebrate 150 years of Angus in America.

Zach Moffitt then made a special presentation to Sharon Rogers who served as NC Angus Association Executive Secretary from 2014-2022. Zach praised Sharon for her strong work ethic and devotion to the Association and its members.

One last, especially important presentation was made when Roy Outlaw of Outlaw Angus was posthumously inducted into the NC Angus Hall of Fame. Roy's family was able to be there to accept this well-deserved award and hear what others wrote about the impact he made on the NC Angus Association during his many years of leadership.

The evening banquet brought out even more members to enjoy dinner and fellowship. President Carson welcomed everyone to the banquet and thanked the NC Angus Auxiliary for providing the beautiful room and table decorations for the day. Members enjoyed a meal of prime rib and all the trimmings. Following dinner, President Carson introduced the evening's keynote speaker, American Angus Association President Chuck Grove. In this year of celebrating 150 years of Angus in America, Chuck gave a presentation of Association history and an outlook for the future.

Lastly, President Callie Carson recognized Mike Moss as retiring NCAA President. She spoke of how dedicated and innovative Mike has been as a leader within the Association and thanked him for serving as President for the past two years. Mike was unable to attend due to sickness, so his son Will accepted the award on his behalf.

Thank you to the Annual Meeting Committee: Roy Swisher - Chairman, Callie Carson, Teresa Swisher, Greg Collins, Brooke Harward and John Brewer and all the other members who helped make the day a success.

Louis Fulcher was recognized for receiving the Ira Gentry Memorial trophy for having the high selling lot in the 2022 Spring Fever Sale. Pictured is sale manager, Zach Moffitt, left, and Brent Scarlett, Spring Fever Sale committee chairman, right.



Will Moss accepted the plaque for his father, retiring NCAA President, Mike Moss.

Green Hills Cattle Company & Hope Cattle Services *Spring Turn Out Bull & Female Sale*

Saturday April 1, 2023 @ 1pm

Granville County Livestock Arena - 4200 Cannady Mill Rd. Oxford, NC

Selling

**40 Angus, Gelbvieh, Balancer, Charolais, Simmental,
SimAngus & Red Angus bulls**

45 Commercial Females



Balancer



Balancer



Charolais



Angus



Angus

Green Hills Cattle Company
Justin Teeter 704-267-4074
Lee Teeter 704-267-4638



Hope Cattle Services
Karl Holshouser 919-796-2266
Cortney Holshouser 919-796-2346

2023 NCAA OFFICERS

President – Callie Carson
Vice President – Michael Wyatt
Treasurer – Karl Gillespie
Executive Secretary – Cortney Holshouser

NCAA Board of Directors

| | | |
|---------------|-----------------|----------------|
| Greg Collins | Karl Gillespie | Emily Barnes |
| Louis Fulcher | Joe Hampton | Bryant Chapman |
| Scott London | Greg Little | Nathan Ireland |
| Roy Swisher | Kyle Mayberry | Marty Rooker |
| Michael Wyatt | Eugene Shuffler | John Smith |

2023 North Carolina Angus Auxiliary Officers

President – Alexandra Brown
President Elect – Cortney Holshouser
Secretary – Cara Smith
Advisor – Brooke Harward

2023 North Carolina Junior Angus Association

President – Emma Vanhoy
Vice-President – Hannah Vanhoy
Secretary – Ava Wood
Treasurer – Caroline Scarlett
Reporter – Maddie Grace Carpenter

DIRECTORS

Eastern Director – Charlotte Wood
Central Directors - Nate Bowman & Jonathan Scarlett
Western Director – Rylea Suddreth

Royalty

Queen: Caroline Scarlett
Princess: Maddie Grace Carpenter
Sweetheart: Rylea Suddreth

ADVISORS

April Bowman, Scott & Robin Vanhoy, & Nichole Carpenter

MEET YOUR NEWLY ELECTED BOARD MEMBERS

The following five people were recently elected to serve a three year term on the North Carolina Angus Association Board of Directors during our Annual Meeting in Yadkinville.

Emily Barnes



Emily Barnes owns and operates Bravo Cattle with her husband, John. Emily graduated from NCSU with a BS in Animal Science. Emily is a proud product of the North Carolina and National Junior Angus Associations, and she attributes these organizations with setting a firm foundation in agriculture and all things Angus. She was a former Miss American Angus in 2007. She worked in healthcare for a brief time before shifting her focus and energy back to the cattle industry. Emily and John started their farm businesses from scratch and appreciate the interests of producers of varying size farms, having started out with just a couple of cows purchased from the NC Angus Spring Fever Sale. Their herd now consists of 120 pairs and 70-100 cattle on feed. All of Emily and John's original registered Angus females were purchased exclusively from North Carolina Angus Association members, and they've used these females as the cornerstones of a productive, maternally focused herd.

Emily has pursued niche markets within the cattle industry, including embryo transfer cooperator work and developing a nationwide direct-to-consumer brand, Bravo Steaks. Emily enjoys adding value to a commodity market through marketing strategies and Angus genetics.

Bryant Chapman

Bryant Chapman, along with his wife Michaela, his dad Gary, and brother Isaac, owns and operates Chapman Cattle Company in Taylorsville. Bryant grew up involved in the family dairy operation and commercial cow/calf operation. He graduated from North Carolina State University in 2015 as Valedictorian of his class, with an Associate degree in Livestock and Poultry Management. Upon graduating, he returned home to the family operation and began working full time there until the dairy operation was downsized, and the beef operation was further expanded. He now is still involved in the dairy operation, in addition to feeding stocker calves, the commercial cow calf operation, and sawmills with his father-in-law. Chapman Cattle Company has registered Angus and registered Line One Horned Herefords. They use Artificial Insemination and Embryo Transfer heavily. They breed for a balance of performance and phenotype and have already marketed cattle to several parts of the country. They plan to host their own sale with a group of partners beginning this fall. They also have built a profitable freezer beef and pork business utilizing their own animals and genetics. Bryant and Michaela have two kids, a son Wren who is 3, and daughter Jade who is soon to be 1. They reside in Taylorsville and are heavily involved in leadership roles within their church. Bryant currently serves on several committees and is currently a Director for the NC Jersey Breeders Association and Alexander County Soil and Water. They give God all the credit for their successes thus far and in the future.

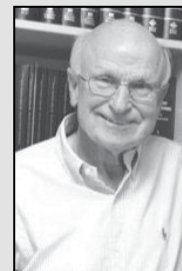


Nathan Ireland

Nathan Ireland owns and operates Walkers Branch Angus. Located in Hamptonville, North Carolina- about 50 miles north of Charlotte — Walkers Branch Angus is a first generation Registered Angus operation. Formed in 2012 with a small group of replacement females, the operation continues to grow by purchasing genetics from reputable ranches across the country and by utilizing A.I. and E.T. technology to create replacement heifers and bulls that will add value to their clients' herds.

Marty Rooker

Marty and his wife, Lynne, own and operate Smith Creek Angus Farm in Warren County, NC. They host an open house and bull sale each December featuring their finest genetics. Marty is a long time member of the NCAA and has been involved in numerous leadership roles.



John Smith

John Smith owns and operates Panther Creek Farms located in Duplin County, NC. He has been in the registered Angus business since 1993. John has served on the NCAA Board of Directors several times as well as the President of the Association.

John C. Smith, Jr. - Owner - Pink Hill, NC 28572



PANTHER CREEK FARMS



252.526.1929 - johnsmithcpa417@gmail.com

URF ALPHA G138 *19806618

Sire : Bar R Jet Black Dam : URF Sarah1514

**Owners : Panther Creek Farms, Uwharrie Ridge Farms
& new partner Eddie Sydenstricker of Sydenstricker Genetics**

Semen available at origenbeef.org / 866.867.4436



| Trait: | CED | BW | WW | YW | HP | CEM | Milk | Doc | CW | Marb | RE | FAT | \$M | \$W | \$F | \$G | \$B | \$C |
|--------|-----|------|-----|------|-------|-----|------|-----|-----|-------|-------|-------|-----|-----|------|-----|------|------|
| EPD: | +9 | +1.4 | +96 | +164 | +15.5 | +10 | +31 | +27 | +80 | +0.82 | +1.08 | -0.22 | +76 | +90 | +117 | +70 | +187 | +319 |
| %: | 30 | 55 | 1 | 1 | 15 | 35 | 20 | 10 | 2 | 20 | 3 | 15 | 15 | 1 | 5 | 10 | 4 | 2 |

URF Alpha G138 has 9 EPDs in the top 10% of the breed or better and all indexes in the top 15% or better. If it's growth, maternal, structure, or carcass you desire, he's got it all. Alpha's first calves are becoming standouts in herds across the country. We feel he is as predictable as you can make a young sire. He will see heavy use in the Panther Creek, Uwharrie Ridge, and Sydenstricker programs.

**BULLS & FEMALES FOR SALE PRIVATE TREATY
AT THE FARM IN PINK HILL, NC**

For more details, contact John Smith at 252.526.1929

2022 Angus Convention

By: Cortney Holshouser, NCAA Executive Secretary



The 2022 Angus Convention was held November 4-7 in Salt Lake City, UT. The gorgeous Utah mountains served as the perfect backdrop to meet with fellow Angus breeders from across the country. North Carolina was represented well throughout the weekend. In the opening session, attendees heard from American Angus Association CEO Mark McCully on the trends within the beef industry and the opportunities for Angus members and commercial cattlemen. The audience was also able to interact with a panel of industry leaders as they discussed changes and opportunities as independent cattle producers. Panelists included Joe Goggins of Vermillion Ranch and Northern Livestock Video Auction, Ed Grieman of Grieman Brothers and Upper Iowa Beef, Mark Gardiner of Gardiner Angus Ranch, and U.S. Premium Beef, Matt Perrier of



Dalebanks Angus, and Jerry Connealy of Connealy Angus. One theme was common...optimism and abundant resources available to Angus producers.



Our North Carolina delegates, along with delegates from across the U.S., assembled in Salt Lake City at the 139th Annual Meeting of the American Angus Association to represent the nearly 25,000 Association members as they conducted Association business and elected five new candidates to the Board of Directors. Pictured (from left to right) are alternate Dr. Richard Kirkman, Mark Wilburn, Brooke Harward, Callie Carson, and Russell Wood.

Christy Perdue serves as the American Angus Auxiliary Region 4 Director and was involved with Auxiliary events throughout the weekend. We are proud of her dedication and the work she is doing for the Angus breed! Christy, pictured far right, works with her officer team to promote the Angus breed and provide opportunities to Angus youth.



We are also proud of NC Junior Angus member Marcie Harward as she is serving as Foundation Director for the National Junior Angus Association this year. Marcie is making an impact on the breed and helping to provide opportunities for more Angus youth around the country. Mary Wood finished her year as Miss American Angus, ending a year of service to the Angus family as an ambassador for the breed. She represented North Carolina well during her time in the red jacket and crown.

2022 Angus Convention

Continued

To cap off the 2022 Angus Convention, voting delegates selected new leadership to guide the membership in the coming year during the Annual Convention of Delegates. Five directors were elected to the board of directors. Congratulations to Rob Adams of Alabama, Art Butler of Idaho, Alan Mead of Missouri, Henry Smith of Kentucky, and Roger Wann of Oklahoma.



Elected officers are Chuck Grove of Virginia, president and chairman of the Board; and Barry Pollard of Oklahoma, vice president and vice chairman of the Board. Jonathan Perry of Tennessee, will serve as treasurer for the 2022-2023 term.

Grove says the Angus breed is in a prime position to lead industry advancement.

"With the vast influence Angus has on the beef industry, the breed is looked to as leaders ready to navigate both opportunities and potential obstacles," Grove says. "The future of the industry and this great breed looks bright in the coming years, and while I have been devoted to the breed for a lifetime, the next year will be the most rewarding yet."



NC Angus Spring Fever Sale

APRIL 22, 2023 AT SHUFFLER FARMS SALE FACILITY IN UNION GROVE, NC



Biltmore Lucy 148J

Biltmore is proud to introduce Lucy 148J as a unique Home Town daughter that checks all the boxes from Production, Management, Carcass and Maternal. Stemming from the great Lucy cow family, her maternal grandam Lucy 3056 has become a matriarch cow for the Biltmore program. We are offering for the first time a pregnancy in the NC Spring Fever Sale sired by the \$245,000 ST Genetics standout Poss Winchester; a Connealy Clarity Son. This mating will bring two great sires together as well as two great cow families, the Lucy's and the Blueblood 6502. Pedigree, Power, and Explosive EPD profile!

LOT 15/15A

Selling Cow Calf Pair
Cow: Biltmore Anita 166D AAA 18520633
 AI Service to HPCA Veracious due 09/23
Heifer Calf: Biltmore Anita 155K
DOB: 09/16/22 AAA 20512615
 CED +9 YW +149 \$C 307



Sire: E&B Wildcat AAA 19810163 \$C 349

LOT 43

Selling Heifer Pregnancy by Poss Winchester

Dam: Biltmore Lucy 148J AAA 20267370

Sire: Poss Winchester AAA 20060473

Parent Avg EPDs: CED +10 BW +.35 WW +77 YW +142
 Marb 1.51 \$B 218 \$C 367

Maternal Grandam of 148J: EXAR Lucy 3056



BILTMORE®

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Sale Manager: Zach Moffitt
 336.736.6340
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NC STATE FAIR RESULTS

JUNIOR SHOW



Supreme Champion Junior Beef Heifer and Grand Champion Angus Heifer
 Rozeboom 165, a March 2021 daughter of SCC SCH 24 Karat 838 exhibited by Logan Ball



Reserve Grand Champion Angus Heifer
 Genflo Coor Missie 221, a March 2021 daughter of PVF The Natural 7042 exhibited by Marcie Harward



Grand Champion Got to be NC Angus Heifer
 BFR Lucy Rose 2121, a May 2021 daughter of Colburn Primo 5153 exhibited by Greyson Peeler



Congratulations to all NC Junior Angus members that competed in Showmanship. Cole Williams was named Grand Champion Senior Showman and Schyler Crocker was Reserve Grand Champion Senior Showman. Colton Cox was also named Reserve Grand Champion Senior Plus Showman.

All photos courtesy of Square One Agri Marketing

OPEN SHOW



Grand Champion Angus Female
 Wood Elsa 2111, an October 2021 daughter of EXAR Blue Chip 1877B exhibited by Wood Angus



Reserve Grand Champion Angus Female
 Seldom Rest Pin Up Gal 12, a September 2021 daughter of Colburn Primo 5153 exhibited by Emma Vanhoy



Grand Champion Angus Bull
 Wood Black Ice 2100, a July 2021 son of Gambles Safe Bet exhibited by Wood Angus



Reserve Grand Champion Angus Bull
 Wood Deep Pockets 2201, an April 2022 son of SAV Resource 1441 exhibited by Wood Angus



Grand Champion Angus Cow/Calf Pair
 BFR Rosetta 1707, a March 2017 daughter of SAV Brilliance 8077 exhibited by Greyson Peeler



Reserve Grand Champion Angus Cow/Calf Pair
 Dameron Lucy 7199, a September 2017 daughter of DDA Gemstone 1439 exhibited by Wood Angus

JUNIORS

NORTH CAROLINA JUNIOR ANGUS ASSOCIATION

By: Hannah Vanhoy, NCJAA Vice-President



On February 11, the North Carolina Junior Angus Association had our annual meeting in conjunction with the North Carolina Angus Association. We discussed previous events, upcoming shows and sales, and elected a new slate of officers. After our meeting, we went on a farm tour and got to see a diversified livestock operation. There were cattle, donkeys, goats, chickens, llamas, and even monkeys! After learning about this unique farm and enjoying fellowship together, we returned to the annual meeting for dinner and the banquet. This year, the junior association is proud to have Marcie Harward representing us on the National Junior Angus Board. In addition to Marcie's role, we support Mary Wood as she will be running for a spot in 2023. This will make the third consecutive term that North Carolina will have had a board candidate. Our next activities are serving lunch at the Spring Fever Sale on April 22 and our North Carolina Junior Angus State Show on April 23 in Lenoir. The association had an awesome year in 2022 and looks forward to a great 2023 in the Angus breed!

North Carolina Junior Angus Members Excel

At the 2022 NC State Fair, youth from across the state were recognized for receiving the North Carolina State Fair Youth Livestock Scholarship for involvement in showing livestock, academic achievements, and extracurricular activities. We are proud of our North Carolina Junior Angus members who received scholarships:

Lynae Bowman, Oklahoma State University
Schlyer Crocker, University of Mount Olive
Marcie Harward, NC State University
Mattie Harward, Iowa State University
Kadence Overby, NC State University
Emma Vanhoy, NC State University
Mary Wood, Oklahoma State University

Congratulations
to these Juniors!

Hannah Vanhoy Earns Junior Silver Award

By: Amber Wahlgren, Angus Communications

Hannah Vanhoy, Catawba, N.C., has earned the National Junior Angus Association's (NJAA) Silver award, according to Caitlyn Brandt, events and junior activities director of the American Angus Association® in Saint Joseph, Mo.

Vanhoy is the 17-year-old daughter of Nathan Vanhoy and attends Bandys High School. She is a member of the NJAA, and the North Carolina Junior Angus Association, where she has served as director and secretary.

She has participated in local, state, regional and national shows and showmanship contests. At the National Junior Angus Show (NJAS), Vanhoy participated in the career development contest and the All-American Certified Angus Beef® Cook-Off. She also participated in the Leaders Engaged in Angus Development (LEAD) conference in 2021 and 2022.

The Silver award is the second level of the NJAA Recognition Program that began in 1972. Junior Angus breeders must apply for the award, then meet point requirements in many areas of participation before receiving the honor. Applicants are evaluated in areas of junior Angus association activities and leadership, participation in showmanship, contests and shows, using performance testing to improve their herd and their progress in producing and merchandising Angus cattle.

The NJAA promotes the involvement of young people in raising Angus cattle, while also providing leadership and self-development opportunities for the nearly 4,500 active members nationwide.



ATTENTION NC JUNIOR ANGUS ASSOCIATION MEMBERS

2023 WILLIAM M. SANDERS SCHOLARSHIP applications are due to the NC Angus Association office by May 1, 2023

The William Sanders Scholarship and the North Carolina Angus Association are pleased to support youth and education. A \$1,920.00 scholarship will be awarded to a qualified applicant for 2023. To be a qualified applicant, you must be a member in good standing with the NC Junior Angus Association, a graduating high school senior or a past William M. Sanders Scholarship recipient. The application can be found on ncangus.org/juniors or by contacting the NCAA office at 919-796-2346 or ncaa.sec@gmail.com.

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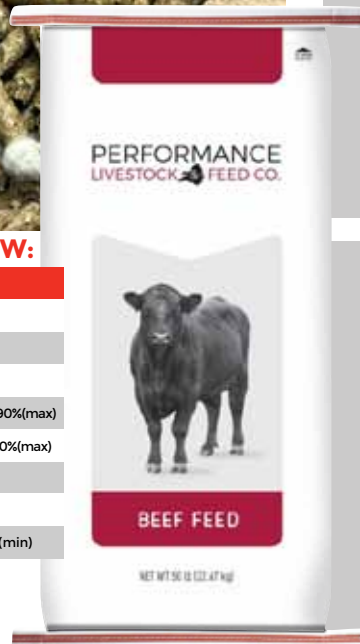
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4 C Farm Feed Demo Nicole Carpenter Wadesboro, NC

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| Avg. Start wt. | 588.67 pounds |
| Avg End wt. | 691.44 pounds |
| ADG | 3.11 pounds |
| Feed Conversion | 4.27 pounds |
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| Steers were hand feed 13.30lb/day. | |

Wheeler Feed Demo David Wheeler Gaffney, SC

7/14/22 through 8/22/2022
62 Steers

| | |
|------------------------------------|--------------------|
| Avg. Start wt. | 691.3 pounds |
| Avg End wt. | 807.23 pounds |
| ADG | 2.97 pounds |
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MARCIE HARWARD MAKES BIG IMPACT ON THE NATIONAL JUNIOR ANGUS BOARD OF DIRECTORS

By: Cortney Holshouser, NCAA Executive Secretary



Marcie is serving the Angus community well in the “green jacket”.

Marcie Harward, daughter of Marcus and Patty Harward, is a fifth-generation cattle farmer and first-generation Angus breeder from North Carolina. She and her four sisters have been involved in the National Junior Angus Association and North Carolina Junior Angus Association since 2009. She is a recent graduate of North Carolina State University with a degree in Agricultural Business Management and a minor in Animal Science. Marcie plans to continue her education in graduate school with the goal to attend the school of Veterinary Medicine. She hopes to one day work as an embryologist while continuing her family’s Angus herd.

Marcie is currently serving a two year term for the National Junior Angus Association Board of Directors. During her first year, she had the opportunity to attend various local and national cattle shows as well as organize leadership conferences such as Leaders Engaged in Angus Development (LEAD) and visit some incredible farms and businesses in the agriculture industry through wearing the green jacket, the signature symbol of being

on the Junior Board. After serving for one year as a Director, this past July she was selected as the Foundation Director for the Junior Board of Directors. In addition to working for the Juniors planning activities and attending various events, this position also includes being a liaison between

the adult and junior boards for the Angus Foundation. The Angus Foundation funds and supports programs involving education, youth, and research in the Angus breed and the agricultural industry. Marcie has been able to meet influential Angus breeders across the country and build relationships for the betterment of the Angus breed. She is excited to see what more she can accomplish this next year and looks forward to working with the Angus Foundation.

As a young junior member in this association, Marcie says she has always looked up to those who wore the “green jacket” and what the green jacket represented. Being on the NJAA Board of Directors is more than a position to her, it is about being an advocate for the rest of the junior membership, helping put on the best events she can for junior members, and being someone other juniors can turn to when they need help or just a friend.

This past year, she has had the opportunity to meet some incredible junior members from all across the state and nation. Marcie says, “While I have greatly enjoyed learning about this industry and our associations, it has been just as impactful for me

making lifelong friendships and connections. Thank you to all of our junior members and NC Angus Association members for your support the past year. If you or someone you know has kids that are interested in Angus cattle, I encourage you to look at all of what the National Junior Angus Association has to offer juniors. While shows are a significant part of what we do, there are also conferences, workshops, contests, scholarships, and more that you can participate in without showing cattle. Thank you again for all of your support. I look forward to working for you and the National Junior Angus Association in the coming year. If I can ever do anything to help or answer questions, please contact me.”



Marcie with her parents, Marcus and Patty Harward after being named the Foundation Director for the NJAA this past summer.



Marcie and other NC Junior Angus members at the Leaders Engaged in Angus Development conference, one of the events she helps coordinate.



Marcie at the Angus Convention this past November addressing attendees as the Foundation Director.



Marcie with fellow NJAA Board members at the 2022 Angus Convention.



Marcie has a bright future ahead.



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LEARNING AND NETWORKING AT NC ANGUS ASSOCIATION'S FIELD DAY

By: Cortney Holshouser, NCAA Executive Secretary

The North Carolina Angus Association held its Field Day on September 16th at the Upper Piedmont Research Station (UPRS) in Reidsville. It was a beautiful, sunny day with perfect Fall weather. The day started with a welcome from North Carolina Angus Association President Mike Moss and Field Day committee chairman Mark Wilburn. Mike emphasized what a great opportunity the day would be to highlight the research being conducted at UPRS and to understand what's going on and how it affects us as breeders.

Dr. Daniel Poole, NC State University Professor led us in a tour of the farm and the cattle working facilities. The research station runs 140 mama cows, all Angus. It is a historic herd in that it has been involved in research projects for many years, some conducted by the American Angus Association. Dr. Poole explained that the research station likes to capitalize on different varieties of forages such as Eastern Gammagrass because it is a warm season perennial that needs lots of water, ideal for this part of the country. They also plant corn in their winter pastures to utilize the nitrogen from manure. One challenge the station faces is the number of public visitors they receive on their walking trail and their perception of production agriculture.

Dr. Poole demonstrated the new Arrowquip chute, noting its low stress handling design. The chute paired with their sweep system made from an old grain bin allows for an easy flow of cattle. Joe French, manager of UPRS, did want to pass along one piece of advice if you are building your working facilities from recycled parts...always set your pivot first and then build the rest of your system around it. UPRS has a 63% pregnancy rate, even with not consistently using one protocol. They are constantly trying different protocols to test their efficacy. One thing they always do each time a cow comes through the chute as part of their proactive management style is to take body condition scores.

Our next stop was the new GrowSafe System facility. The GrowSafe feed intake system, which looks similar to a regular feed trough system, has individual feed bunks that allow only one animal to feed at a time. When an animal enters a bunk, GrowSafe recognizes that animal specifically through a special electronic ear tag, then relays information back to a central computer. The system is so advanced that it starts sending data as soon as an animal crosses the feed trough threshold. It knows the start weight of the feed bunk, how often an animal eats, what times, how much active eating an animal does versus time just standing over the trough, etc. Each bunk sits on weigh bars, so every bite is calculated. The system can also be a tool to monitor animal health. If an animal decreases feed intake, GrowSafe will alert you. 62 heifers, divided into two groups make up this project at UPRS. These heifers will be in this system for 45-60 days, saving a month of feeding and labor to collect data. In talking to other producers using this system, hay feeding has also decreased. On the reproduction side of things, the heifers in the GrowSafe system are replacement heifers. They have more area to roam within the system. This means no confinement or hindering their joints.



The team has faced a few environmental challenges since putting in the GrowSafe system. A week after installation, lightning from a storm fried the computer board. Shortly after, tornados ripped through the area and even touched down directly across the road in another area of the farm.

The automatic waterers on the GrowSafe system are also helping to measure efficiency. The waterer is divided by a fence, so it is accessible to both pens of heifers. Underneath the concrete, is a set of scales that measures the animal's front body weight. The water intake can then be calculated by using a conversion equation. In the Spring, water intake data will be collected on a set of heifers at UPRS. The team hopes to be on the cutting edge of water intake efficiency studies.

The data being collected through GrowSafe is helping researchers understand animal feeding efficiency and eating behavior. They are measuring growth EPDs into the American Angus Association database. Dr. Poole did note that they must have phenotypes to have the genomic tests valid and accurate. He stressed the importance of not single trait selecting. If we only focus on dry matter intake, we could be left with unproductive cattle. It is very much a balancing act. The research conducted through this system is very impressive. It allows precision data to be collected at lightning speed and is made possible through contributions by North Carolina Cattleman's Association, North Carolina Department of Agriculture and Consumer Services, NC State University College of Agriculture and Life Sciences, and NC State University Department of Animal Science. Dr. Poole also thanked the NC Angus Association for their continued support, making projects like this possible.

After the tour, we headed across the road to enjoy a delicious lunch featuring Biltmore Beef hamburgers. A special thank you to Kyle Mayberry for supplying them and coordinating the meal with Joe French.

After lunch, we received updates on research projects being conducted by NC State University graduate students. Benjamin Rajo began

LEARNING AND NETWORKING AT NC ANGUS ASSOCIATION'S FIELD DAY

Continued

by giving us an update on his study of developing methods to identify fescue tolerant animals. Through his research at UPRS, he found that fescue tolerant cows had almost a 30% higher pregnancy rate than susceptible cows. He suggested that breeders can select for fescue tolerance by utilizing hair shedding score, body temperature, body condition score, and birth weight. The two EPDs that will benefit breeders the most in the Southeast United States when selecting for tolerance is hair coat shedding and pulmonary arterial pressure (PAP) score.

Next up was Katie Williams' presentation on deworming protocols in mature cattle and comparing current practices to future needs. Research suggests herds are developing a resistance to dewormers from overuse. Currently, most producers operate on a traditional calendar or convenience based deworming strategy. Katie suggests a more strategic deworming protocol based on stage of production and herd needs would be more effective. By taking samples and recording fecal egg counts (FEC) from April to July at UPRS, her team found an average herd FEC of 172 in virgin heifers and an average herd FEC of 3 in mature cows. Mature cows develop some level of immunity to gastro-intestinal parasites whereas younger animals are susceptible to infection. Some solutions to this problem include rotationally grazing animals or even co-grazing different species to decrease parasite load in pastures; avoid over-grazing pastures as the lower cattle graze to the ground, the higher risk they are at for ingesting parasites; and managing manure on pastures by exposing it to heat and sunlight by dragging fields or harvesting hay.

Nicole Valliere then gave an update on the multi-species grazing project conducted at the NCSU Small Ruminant Educational Unit from July-September. The objective of the study was to demonstrate perennial and annual forage establishment and renovation focusing on management, forage selection, and economics. The study also illustrated the potential benefits of including sheep in cattle grazing systems. Some opportunities to multi-species grazing are decreasing parasitism since parasites are species specific. Another benefit is small ruminant productivity. Calf weight relative to cow body weight is 40-60% where litter weight relative to ewe body weight is 50-100%. Data collection for this project included botanical composition, forage heights and quality, fecal egg counts, body condition scores (pre and post project), and weights (pre and post project).

Dr. Andrew Weaver then explained lamb feed efficiency and how it relates to the data collected from the GrowSafe system at UPRS. The system was used to feed out a group of 27 ewe lambs and 20 ram lambs from NCSU's campus Katahdin flock. The lambs were fed using the GrowSafe system for 53 days. Equipment had to be modified a bit to accommodate the size difference. The average daily feed intake was less for the low residual feed intake group throughout the feeding period despite similar weight gains. Dr. Weaver also explained feed efficiency metrics (intake, feed gain, and residual feed intake) and compared the pros and cons of measuring and comparing them.

Dr. Daniel Poole then gave an update on the latest in reproductive research and strategies. After touching on the science behind estrous synchronization, Dr. Poole highlighted pros and cons of many of the protocols being used today, including the 7&7 Synch which has resulted in a 72% pregnancy rate to artificial insemination (AI) at UPRS. He broke down drug costs, number of trips through the chute, and heat detection times for each protocol. The biggest takeaway was that not one protocol fits everyone's operation. He stressed that you must critically evaluate your own operation to determine which type of breeding protocol fits you best based on production costs, your need for improved genetics, and your management capabilities. Then you must clearly define the goal you hope to achieve. One resource that he finds helpful is the Estrus Synchronization Planner, which can be downloaded for free from Iowa Beef Center (http://iowabeefcenter.org/estrus_synch.html). The planner features recommended systems for cows and heifers, and you can select systems by type (heat detection and AI systems, heat detection and cleanup AI systems, and fixed-timed AI systems). It also provides a list of daily activities, generates a barn calendar, calculates cost per AI pregnancy, and support materials.

Lastly, we learned about the research station's involvement in the Select Sires Young Sires program from Mark Wilburn. Mark noted that over 9,000 units of semen have been donated to 26 herds across the country, 25 of those being land grant herds. Through this program, proven sires are being tested against young sires. The matings are completely random to ensure unbiased data collection and reporting by research professionals. Mark says they are learning data quickly and learning data early. The program is a huge benefit to both parties. All 62 heifers being fed in the GrowSafe system are products of the Young Sires program.

A special thank you to Joe French and crew at the Upper Piedmont Research Station for hosting our Field Day and all their hard work in preparing for the day, along with Mark Wilburn, NCAA Field Day committee chairman, for planning the day. If you are interested in learning more about industry related issues, the latest in research projects being conducted, educational opportunities, and networking with fellow producers, be sure to join our next Field Day. The technological advances of the Angus breed combined with our wonderful NC State University resources provide a unique opportunity to those seeking advancements in their herd.



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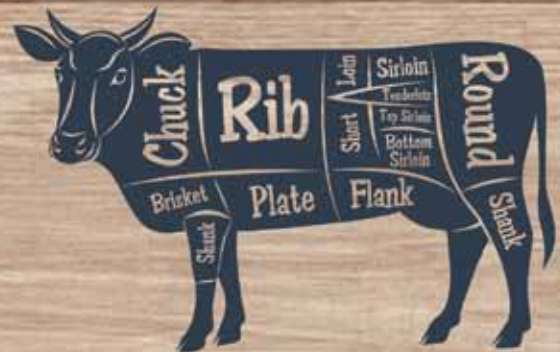


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AMERICAN ANGUS ASSOCIATION ANNOUNCES THE TEN NORTH CAROLINA BREEDERS WHO REGISTERED THE MOST ANGUS

The 10 producers who registered the most Angus beef cattle in the state of North Carolina recorded a total of 1,172 Angus with the American Angus Association® during fiscal year 2022, which ended Sept. 30, according to Mark McCully, Association chief executive officer.

The 10 top recorders in North Carolina are:

- Springfield Angus Farm, Louisburg
- J Roger Lane, Gates
- Upper Piedmont Research Station, Reidsville
- The Biltmore Company, Asheville
- E Bruce Shankle II, Polkton
- James Ralph Britt III, Calypso
- Goddard Farms, West Jefferson
- Smith Creek Angus Farm, Norlina
- Gragg Farms, Boone
- Fulcher Farms, Godwin

Angus breeders across the nation in 2022 registered 304,822 head of Angus cattle. “Our Association members lead the industry in adopting new technology and breeding the most problem-free cattle for their customers,” McCully said. “Cattlemen across the country continue to find registered Angus seedstock are the most profitable option for their herd.” Congratulations to these breeders!



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2023 Spring Fever Sale Preview

By: Zach Moffitt, Spring Fever Sale Manager

We would like to invite everyone to this year's Spring Fever Sale in Union Grove, NC at the Shuffler Farm Sale Facility. We have consignments from all over North Carolina, Virginia, and South Carolina. In this year's lineup you can expect 15 Fall Pairs, 26 Bred Heifers, 2 Pregnancies, 1 Donor, 10 Spring Pairs, 15 Open Heifers, and 4 Embryo Packages. Some of the industry's hottest sires will be represented such as Connealy Craftsman, E&B Wildcat, GB Fireball, Yon Top Cut, Basin Jameson, Poss Winchester, Kenny Rogers, GAR Home Town, HPCA Veracious, Myers Silverado, Sitz Accomplishment, and many more! The cattle industry futures are looking stronger and stronger every day. What a great way to get ahead of these skyrocketing prices we are headed towards than to gather up some herd improving females at the NC Angus Association's Spring Fever Sale. Our consignors are great folks, and they want to see you be successful with the cattle they have put forth. The sale committee has put together strict guidelines to ensure that the cattle you are evaluating on sale day are from the front end of each herd.

Consignors this year include Biltmore, Hunter White, Chapman Cattle Company, Shuffler Farm, Hidden Hills Angus Farm, Walkers Branch Angus, Black Cedar Angus, Dalton Cattle, River Bend Ranch, Shelton Angus Farm, Locust Level Farm, Scarlett Farms, Chase Angus, 4K Farms / Tarheel Angus, S & J Farms, Hi-Lo Farms, Wood Angus, Windy Hill Farms, Butcher Branch Land & Cattle, Triple LLL Angus, Hawks Nest Farm, Straightstone Angus, Dancing Pedlar Farm, Ruckus Hill Farms, Legacy Pine Hill Farms, Chessie Creek Farm, and McCarter Farms.

Watch for your sale catalog in the mail in early April. The catalog should be on our website (www.ncangus.org) in early April as well. If you're not on our mailing list, please give the office a call at 919-796-2346 or send an email to ncaa.sec@gmail.com and you will be added to the mailing list. Please contact me at 336-736-6340 or any member of the Spring Fever Sale committee with any questions regarding the sale.

Come and join us on April 22, 2023 in Union Grove for a great time of fellowship and excellent Angus Cattle at North Carolina's premier Angus event!



NC BCIP Bull Test Sale High Indexing Angus Bulls 2022

WAYNESVILLE BULL TEST

HIGH INDEXING ANGUS BULL

Congratulations to Gary Hill of Hill Angus Farm in Hendersonville, NC for having the high indexing Angus bull in the Waynesville Bull Test Sale with Lot 30, Britts Magnitude 124, a Mead Magnitude son. The bull was also the high seller bringing \$5,300. He had an ADG of 4.7 and a final weight of 1,410 pounds. 23 Angus bulls averaged \$2,950 in the Waynesville Bull Sale.



BUTNER BULL TEST

HIGH INDEXING ANGUS BULL

Congratulations to Tim Aldridge of Oakview Farms in Yanceyville, NC for having the high indexing Angus bull in the Butner Bull Test Sale with Lot 11, Oakview Excaliber 1221, a Cox Excaliber 8590 son. He had an ADG of 4.5 and a final weight of 1,570 pounds. The Angus bulls averaged \$2,865 in the Butner Bull Sale.



NORTH CAROLINA ANGUS AUXILIARY CONTINUING OUR MISSION

By: Christy Perdue, Public Relations Chair

The purpose of the North Carolina Angus Auxiliary is to promote the Angus Breed by education, business, and social events; to support the North Carolina Angus Association and the American Angus Association; and encourage youth to become involved in the Angus Breed through education, mentoring, and scholarships. Throughout the many years that the North Carolina Angus Auxiliary has been an organization, the mission has remained the same. As we put an end to 2022 and began our 2023 season, our devotion to our mission and purpose remains the same.



Through our Summer and Fall Outings, we have brought together members and their guests while focusing on the unique experiences that North Carolina has to offer. Better yet, we highlight Angus and other agricultural entities in fun and exciting ways. The North Carolina Angus Auxiliary spent a fun but full day in the Capital City on Saturday, September 24, 2022 for our Fall Outing. Taking on the Capital City, 11 members and guests saw all that Raleigh (and beyond) had to offer in the BBQ world with stops at Prime Barbecue and Sam Jones BBQ. We then made lots of delicious and beautiful fall purchases at the North Carolina State Farmers Market. We learned about the E Carroll Joyner Beef Unit at NCSU

thanks to Matt Morrison, Manager, and then ended the day with delicious ice cream and a beautiful view at Howling Cow. It was the perfect day with wonderful ladies and gentlemen. We want to take the time to thank the North Carolina Pork Council and the North Carolina Cattlemen's Association for their generous donations to our goodie bags. We also want to thank Christopher Prieto, Barbecue Nerd, for the wonderful behind the scenes Pit Tour of Prime Barbecue. It was a highlight for sure! As an additional portion of our



mission, we were able to celebrate and support our NC Angus Juniors throughout the year at various shows and events. We are incredibly proud of Mary Wood, our 2022 Miss American Angus. Mary represented North Carolina well in her duties and advocacy for the Angus Breed. We also celebrate and support Marcie Harward, as she is serving her second year on the National Junior Angus Board, as the Foundation Director. We again supported the American Angus Auxiliary through the donation of a beautiful backpack with genuine hair on hide with full grain leather trim for the annual Full Circle Online Auction. Each November, the American Angus Auxiliary hosts an online auction. The proceeds support the Auxiliary's mission, including breed promotion, beef education, and youth development through programs, awards, and scholarships. Each year, the Auxiliary seeks unique items to place on the online action through AngusLive. This year, the online auction raised \$8,525! Look for upcoming information on the 2023 Full Circle Online Auction.



Our Annual Meeting took place in conjunction with the North Carolina Angus Association Annual Meeting on Saturday, February 11. Our members and guests gathered at the Yadkin Masonic Lodge in Yadkinville, NC. Our numbers were small, but our passion remains big. In addition to discussing our successes of 2022 and making plans for 2023, we welcomed our guest speaker, Beth Pugh Ferrell. Beth is serving as the Wake County Soil and Water Conservation District Supervisor. Beth and her husband also own and operate Packhouse Farm. Beth encouraged

our members and guests to share their story and to join organizations that we are passionate about. Her passion and dedication are an inspiration to all. We had the honor of continuing our support of our North Carolina Juniors by awarding 16 North Carolina Angus Auxiliary Achievement Awards during the awards portion of the Annual Meeting. We also continued our support of the North Carolina Angus Association by providing the decorations for the Annual Meeting and Banquet. Rounding out our Annual Meeting was our Annual Silent and Live Auctions. A big thank you goes out to all those that donated items and placed bids on our unique items. Our Live Auction item was a beautiful, one-of-a-kind, handmade Angus quilt and was generously donated by Nancy Garner.

Our next meeting will be our Spring Meeting. Stay tuned to our website and Facebook page for details on a date, time, and location for the meeting. We are excited to announce that we will again host a Summer Outing. This year, the outing will take place in the Asheboro/Seagrove area on July 21 and 22. Stay tuned to our website and Facebook pages for further details. All are invited. We look forward to a fun and successful 2023!



SHARON ROGERS

Sharon Rogers was a fixture for the North Carolina Angus Association for years as our Executive Secretary. She was recently recognized for the many contributions she made to the Association and its members during our Annual Meeting in February. Mike Moss, NCAA President 2020-2022 said of Sharon, "Sharon has been an incredible asset to our organization during her tenure. Since she started in August of 2014, she has worked tirelessly to support our membership, committees, Board of Directors and Executive Committee to promote our association and the Angus breed. Her leadership and collaborative teamwork have helped us in the development of our Strategic Imperatives, introduction of our NC Angus News Magazine, enhanced electronic communications, social media engagement and our NC Angus website, just to name a few! In addition to all her accomplishments in the job, she has become a close friend and "trusted advisor" to many of us in our association. I miss her for sure, as she kept me straight on many aspects of our organization while I have been a member!" Jennie Rucker, North Carolina Simmental Association Executive Secretary, says of Sharon, "I have known Sharon Rogers for so many years (actually decades!) and I consider her a very good friend and colleague. From the first time that I met her, Sharon has been nothing but helpful to me in every way. Although I am not an Angus breeder, she has always helped answer any questions that I had and we have both helped each other with different things required by our jobs in the cattle industry. We would share pictures if one of us was unable to attend an event and she was always willing to go the extra mile if there was anything a fellow cattle person needed. I have always enjoyed talking with her and seeing her quiet smile. She is one of the few people these days that you can count on to get things done. I am glad she is being honored by the NC Angus Association because she deserves to know how much the cattle men and women, not just in the Angus breed but in other breeds also, appreciate her and her hard work ethic." We thank Sharon for her years of service!



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NC Angus Auxiliary Summer Outing

Friday July 21st

Dinner @

Magnolia 23 - Asheboro - 6:30 pm

Saturday July 22nd

Brunch @ The Table - Asheboro - 10am

Pottery shopping in Seagrove - 11:30 am

O'Quinns, Jugtown, Luck's

Demonstration - 1pm

Charcuterie snack - 2pm

Consignment shops - 2:30pm

Coffee & Dessert @ Nannie Mae's Cafe

& Bakery - 4pm

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“LEARNING BY DOING APPROACH SETS STUDENTS UP FOR SUCCESS AT NC STATE UNIVERSITY’S E. CARROLL JOYNER BEEF EDUCATION UNIT”

By: Cortney Holshouser, NCAA Executive Secretary

Things work a little differently at NC State University’s E Carroll Joyner Beef Education Unit. As I pulled up to the farm to interview Matt Morrison, manager, he had just had a class out to the Beef Unit to demonstrate freeze branding. Balancing everyday farm tasks with educating students proves to be a challenge he handles well.



Matt Morrison and wife Tamara have fully invested their time to make the E Carroll Joyner Beef Education Unit successful.

Matt grew up in a small town in Western New York and earned his associate degree from Black Hawk East Community College, Bachelors from Western Illinois University, and his Masters from NC State University. Before returning to North Carolina for this current role in 2020, Matt was in Cheyenne, Wyoming teaching animal science and coaching the livestock judging team at Laramie County Community College. Matt’s Dad and Mom instilled in him a passion for agriculture at an early age. He also credits the community he grew up in, which had strong 4-H leadership, with fostering that passion.

Matt’s role as the Coordinator of the E. Carroll Joyner Beef Education Unit covers a lot of different things that require him to wear “many hats” on the same day or even at the same time. His first priority is to make sure that the Unit’s lab space and cattle are ready for the classes, labs and Extension events that are hosted.

Depending on the classes and their needs, he often has a hands-on, active role in teaching the labs. He and the student workers handle as much of the maintenance of the fence, pastures and cattle facilities in house as possible including planting, spraying, and renovating pastures. There is a great group of students that are employed at the beef unit that helps make sure everything is taken care of. At any given time, there are 3-4 student employees working at the E Carroll Joyner Beef Education Unit. Most of these students have very little hands on experience with a working



This daughter of Williams Upward 90 has quickly become a favorite on the farm for her consistency and maternal ability.

beef cattle operation, but it is a great opportunity to learn every aspect of production. When asked what the most challenging aspect of his job is, Matt says, “The logistics behind scheduling all the various activities that we host along with trying to balance budgets at a time when input costs are so high.”



Students from the Livestock Marketing class at NCSU learn every aspect of hosting a production sale, including picturing the cattle for catalogs and promotions.

The idea of being able to step out of the classroom and into the barn with students, to be able to take the ideas and principles that educators were teaching and put them to the test at the Unit really drew Matt to his current role. The E. Carroll Joyner Beef Education Unit allows students to see almost every aspect of a cattle production system at any given point in time while classes are in session. They calve in the Spring and Fall, starting in September so that there is a set of calves for students to work with and fully understand every stage of development. From September to May,

all work on the farm involves students. Matt says, “When we combine the different breeds and nutritional requirements of two calving seasons with our limited space, it makes for a fun challenge to manage forage resources and keep cattle productive.”

There are three cattle breeds represented at the E. Carroll Joyner Beef Education Unit, including about 30 Angus cows. Matt feels that the Angus breed has done an excellent job of marketing their cattle to consumers and producers, which makes them a sought after commodity. Matt says, “Angus or black hided cattle derived from Angus, have the highest demand and are the easiest for us to market. They also give our students



Cattle at the E Carroll Joyner Beef Education Unit enjoying the lush grass that Matt and students have worked hard to manage.

“LEARNING BY DOING APPROACH SETS STUDENTS UP FOR SUCCESS AT NC STATE UNIVERSITY’S E. CARROLL JOYNER BEEF EDUCATION UNIT”

Continued



First calf heifers raising calves like this makes Matt excited for the future of the Angus herd here.

a very realistic idea of what kinds of cattle are typically raised in our area. When we talk about kinds of cattle, we are talking more about “type” than just breed. Things like rib shape, muscle growth, foot structure, EPDs, and performance. The Angus breed has a lot of operations that have different breeding goals that allows them to have different styles of cattle. I think that through the Association’s marketing, they’ve made Angus cattle super popular. That has given them a lot of breeding versatility with other breeds, using Angus cattle to make Baldies, Balancers, Sim Angus, Smokey cattle and other composites. It’s really hard for us to have a teaching farm and not show our students the versatility of the Angus breed, there’s just a lot of use for those cattle.”

Over the last couple of breeding seasons, Matt and crew have been putting a very strong emphasis on making fundamentally correct females that can work and last. Major emphasis has been placed on reproductive fitness – the ability to get bred, raise a value added calf and be bred back again in a reasonable amount of time. They have invested a lot of time focusing on feet, legs and udders. Matt says, “We have seen an uptick in focus in keeping the fundamentals of EPDs in check. We haven’t gone crazy chasing the top 1%, but are working to make sure that we have solid numbers to back the cattle’s performance, particularly in those areas that have a direct impact on producer’s bottom line. It’s our goal to build a cow herd that works and stays in production.” Matt says they have been really happy with the females out of Capitalist 316. They have also used some 316 Exclusive and are excited to see what those cattle can do. They’ve even reached back and grabbed some older bulls that were known for making tremendous females.

Matt and the student workers have also been working hard to cyclically improve their pastures. They utilize cover crops and are renovating pastures by using rye grass, crabgrass, black oats, cereal rye and sorghum sudangrass to name a few. Matt thinks it is crucial to use grazing practices to best utilize the forages we have in this region. He feels that rotational grazing and planting varieties that will result in the most yield and nutritional value to the cattle are key.



Putting his eyes on the cattle every day is an important part of management for Matt, as he makes notes on several calves.

Matt’s goals for the E. Carroll Joyner Beef Education Unit are pretty lofty. He says, “We’ve made a lot of progress over the last few years and that’s just setting us up for what’s next. I think that we have to keep our true purpose in mind. We are a teaching farm first, and so we continue to strive to use our Angus cows to teach our students through hands on experience, but also through leading by example. Showing students cattle in a production system and the advancements that can be made through selection and management are key. We continue to focus on increasing fertility in things like AI conception rate and ET conception rate. We hope that we can continue teaching students while putting together a set of Angus cows that will work for the producers of our region.” The Unit does offer cattle for sale through their annual Wolfpack Round Up Sale, held this year on April 15th at the E Carroll Joyner Beef Unit. The sale is another teaching opportunity as it is organized and carried out by the Livestock Merchandising class at NC State.



This fancy Fall heifer calf out of KR Cadillac Ranch is one of Matt’s favorites in the group.

I asked Matt what is the one thought he would want a first-time visitor to the E Carroll Joyner Beef Education Unit to leave with. He wants them to be amazed at what their students and classes are able to do with the kind of cattle that they are putting together.

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| 10 | 0.8 | 91 | 161 | 0.5 | 0.77 | 26 | 0.5 | 0.39 | 0.48 | 15.8 | 16 | 32 | 0.2 | 76 | 0.49 | 0.65 | 0.056 | 102 | 94 | 161 | 311 |
| .36 | .50 | .44 | .39 | .43 | .48 | .34 | .29 | .29 | .30 | .25 | .33 | .34 | .39 | .40 | .37 | .36 | .33 | | | | |
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| 8 | 0.4 | 98 | 167 | 0.6 | 1.55 | 29 | 0.38 | 0.41 | 0.41 | 11.9 | 7 | 26 | 0.7 | 81 | 0.56 | 0.7 | 0.032 | 85 | 91 | 167 | 302 |
| .64 | .85 | .81 | .71 | .76 | .72 | .77 | .65 | .64 | .27 | .25 | .30 | .32 | .44 | .49 | .43 | .44 | .42 | | | | |
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WELCOME TO WHERE FLAVOR BEGINS : A FARM TO TABLE EXPERIENCE FOR CERTIFIED ANGUS BEEF® RETAILERS

By: Cortney Holshouser, NCAA Executive Secretary

It was a beautiful, crisp Fall day for “A Day at the Farm with Wood Angus” sponsored by Certified Angus Beef and held in Willow Spring, NC. When you are lucky enough to attend an event sponsored by Certified Angus Beef, you will always be treated to a first class experience. For this particular event, the focus was on the story of cattle production and catered to retailers, most of them with the international market. The goal was for the Wood Family to introduce attendees to their side of the beef business. To show them how they care for their cattle, their land, and natural resources with the retailer and consumer in mind. Vern Rose, Executive Account Manager and Beverly Linhoss, Account Marketing Manager lead the day’s events.

The first part of the day was spent touring Wood Angus and their cattle operation. This was a great opportunity for the members of the retail side of the industry to see firsthand what goes into putting product on the shelves and on the consumer’s plate. Justin Wood gave everyone a tour of the show cattle barn and explained the daily feeding and hair routine the cattle go through to be competitive. Next, the group was able to visit some cow calf pairs. This was the closest many attendees had ever gotten to cattle. It was an experience many of us take for granted. A highlight of the farm tour was everyone guessing the weight of the bull who had just returned home from the NC State Fair as Grand Champion. We then toured Wood Angus’s new store front market where they sell local produce, baked goods, local treats, and their own beef and pork products. Everyone stocked up with goodies to head home with.

Mary Wood also spoke about her year as Miss American Angus. She shared with attendees the process of being chosen as Miss American Angus, her year of activities, and what the title has meant to her. One of the highlights for Mary during her year was attending more Certified Angus Beef events as an ambassador for the brand, interacting with retailers and consumers, and sharing her perspective of the cattle industry, especially her Angus story.

The next portion of the day was spent helping the retailers navigate the many resources available through Certified Angus Beef. Licensee services, store signage, promotional videos, and much more was discussed as a tool to better communicate with the consumer. Mafe Baez, Assistant Director of Latin American and Multicultural Marketing, drew attention to all those resources available to international clientele.

The event ended with an amazing lunch of Certified Angus Beef brisket and sides catered by Two Drummers Smokehouse, a real treat.

Certified Angus Beef remains the gold standard of branded beef. The service and connection they provide to producers and retailers is unmatched.



The Wood family were great hosts for the day



Mafe Baez talks to attendees about licensee services



The group listens to Jeff Wood give a background of their family farm and business



Mary Wood spoke about her role as Miss American Angus



Delicious brisket lunch prepared by Two Drummers Smokehouse



The group loved being in a pasture with cows and calves

CONVERTING WASTE PRODUCTS TO QUALITY BEEF

Written by: Simon Gonzalez, Extension Writer and Content Marketing Specialist - CALS Communications
NC State Extension, NC State University

Deidre Harmon might not have known phrases like rumen fluid, cannulated heifers, neutral detergent fiber and acid detergent fiber while growing up on a beef cattle farm in Galax, Virginia, but she quickly learned that cows are amazing creatures that can thrive on some unlikely food sources. “We had this little bread store in Galax,” she said. “We would get bread that was past the sell-by date, bakery products they couldn’t sell. We’d feed them to our beef cattle. I made a lot of pet cows out of feeding bread and donuts. They love bread and donuts.”



NC State Extension livestock specialist Deidre Harmon still feeds bread to her cows, just as she did when she was a child.

While stale bread and donuts would not be recommended staples for humans, the cattle not only loved them but gained weight and body condition. Much as they did on corn gluten feed and whatever they would forage from the fields — again, not recommended diets for humans or many animals. “It was interesting to me when I was growing up watching what we fed to our cows and our calves at different times of year, how that changed their weight gain,” she said. “I always thought nutrition and forages were interesting.” Harmon turned her childhood interest into a career. She is NC State Extension’s livestock specialist at the Mountain Research Station in Haywood County.

She is still feeding beef cattle a variety of byproducts and evaluating how it impacts their health and their weight gain, but now she’s doing it on behalf of beef cattle producers and ultimately consumers. “We visit farms to see what they are doing and what they need,” she said. “That’s the neat thing about Extension. We listen to what the producers are doing and the questions they have. It’s the reason that we do research. It’s coming from the producers that are having those questions.”

What beef cattle producers are doing — what they have always done — is feed a variety of byproducts to their herds to supplement their diet. A safe increase in the amount of byproducts can decrease what producers spend on feed — one of their most significant costs — and potentially benefit consumers when they buy a steak or hamburger at the grocery store or restaurant. “The beef industry has a rich history of taking byproducts from other industries and upcycling them into cattle feeds,” Harmon said. “Corn gluten feed comes from making corn syrup that you and I use everyday in cooking. Citrus pulp comes from the citrus industry. The vegetable industry here in western North Carolina is very strong with tomatoes and cucumbers. We can use the vegetable peels or whole fruit from those industries to upcycle into beef cattle feed.” One of the questions producers are asking is what byproducts are the most effective, and how much they can use to get the best results. Harmon and graduate student Madeline Newsome — a member of the Chancellor’s Leadership Development Program when she was an undergraduate animal science major in the College of Agriculture and Life Sciences — are seeking answers through a research project that includes gauging the digestibility of wet brewers grains and cotton gin byproduct, waste products produced by North Carolina’s beer and cotton industries. The answers will be added to the body of work accomplished by NC State Extension agents and researchers, with the ultimate goal of helping the state’s cattlemen reduce the cost of producing a high quality product for consumers. “We’ll be taking this information and relaying it back to farmers, how much wet brewers grain they can feed, how much cotton



Beef cattle can gain important nutrients from wet brewers grains, a waste product from the craft beer industry.

CONVERTING WASTE PRODUCTS TO QUALITY BEEF

Continued

gin byproduct they can feed, where they can get it, how they get it, and what the cost for them would be,” said Newsome, who grew up on a beef cattle and poultry farm in Stokes County. “We have to take into consideration transportation costs, would the breweries or cotton gins charge them for these byproducts, and how it could work with their overall production system.”

Barley seed is the primary grain used in beer production, sometimes augmented by corn and/or rye, depending on the type of brew. The process includes malting and mashing, adding and removing water, heating and cooling. When all that is finished, a liquid called the wort is extracted and used to make the beer. What’s left is called wet brewers grain. It is considered a waste product by breweries, but because the basis is grain cattle can use it as feed. “Wet brewers grain is really high in protein, really high in energy,” Harmon said. “We can’t eat a lot of it as humans, but beef cattle can.” Two of the major commodities in the western part of the state are beef cattle and craft beer, so the research into the brewery byproducts is a perfect match. “We have a huge craft beer industry here in western North Carolina,” Harmon said. “We have a lot of byproducts created from that industry. If it wasn’t for beef cattle eating wet brewers grains, they would be going into landfills.” Related: Homegrown — Extension and research specialists are working to breed new varieties of hops for North Carolina’s craft breweries. In addition to feeding re-



NC State graduate student Madeline Newsome with a cannulated heifer eating cotton gin byproduct and wet brewers grain.

search, the project intends to find out how much might be available for cattle producers. “We are doing a survey of craft breweries all over North Carolina,” Newsome said. “Some of the survey questions are how much beer do you produce, how much wet brewers grains do you produce, and would you be willing to work with farmers if they are interested in feeding these wet brewers grains?” The other byproduct being studied is the waste produced by North Carolina’s cotton gins. “Once everything the cotton industry wants is separated out, you have this plant residue — the stems, the cotton boll, maybe some lint, basically a modge podge of whatever came out of the field,” Newsome said. “They throw it outside in a pile. If it does not go to cattle it’ll go to a landfill. There’s really no other purpose for it.”

Like wet brewers grains, cotton gin byproduct is plant based and beneficial for cows, which can utilize it and turn it into energy. Feeding cotton byproducts or wet brewers grains to beef cattle isn’t new. Neither is studying their effects on beef cattle production. What is new about this project is seeing how they do on a combination of the two. “With Madeline’s study, we decided to up the ante,” Harmon said. “We’ve got so many wet brewers grains. We decided to add them to the cotton gin byproduct. We’re going to feed different amounts and combinations to see how much we can push and at what level they can consume. Will they continue to gain weight or will it decrease their weight gain? These are the questions that producers are asking us, and we have to do the research to find out.” The answers are important because of the cost of feed. “Feed costs are probably 60-70% of the total cost to produce the animal,” Harmon said. “Anything we can do to reduce that cost will help.” The reason cattle can ingest and receive healthy protein from byproducts is because of their anatomy.



Madeline Newsome scoops wet brewers grain to feed to her cannulated heifers.

CONVERTING WASTE PRODUCTS TO QUALITY BEEF

Continued

Like other ruminants — including sheep and goats — their stomachs have four compartments. The first is the rumen, a large compartment containing fluid that is rich in symbiotic microbes that ferment feed and convert it into an energy source. “That rumen environment is like a 55-gallon barrel of microbes that digest things and produce products that the animal can absorb and utilize for energy,” Harmon said. “They are a unique animal that are able to upcycle a lot of products that humans and other animals cannot because of that rumen environment.”

Newsome is utilizing cannulated heifers for the project. They are cows that have been fitted with a cannula — basically a porthole that allows access to the rumen. She will insert small feed bags with differing amounts of the byproducts. The bags have a coffee filter texture, allowing the microbes to pass through and digest the feed. “We’re using four heifers,” she said. “Two will have cotton gin byproducts and two will not. All will have 20% wet brewers grains. The rest will be corn silage and ground corn. We’ll be putting it into the cannula, into the rumen, and leaving it for different time periods, 12 hours up to 96 hours.” At the end of the time period, the bags will be evaluated to determine the efficacy of the feed and the rate of digestion. “We’re going to analyze for NDF, which is neutral detergent fiber, and ADF, which is acid detergent fiber,” Newsome said. “We’ll be able to measure how much of the feedstuff the rumen microbes ate. We can look at the pH and fatty acids. Digestibility is the overarching term. All of the things we are measuring fall under that. How efficient are these animals consuming and digesting these feedstuffs? It’s a microscopic view of what’s going on with their digestive system.” The information gleaned from the study will further Extension’s efforts to aid the industry. “We’re continuing the chain of research to try to figure out these questions beef cattle producers are having,” Harmon said.

Read more at: <https://www.ces.ncsu.edu/2023/01/converting-waste-products-to-quality-beef/>

SMOKED BURGERS WITH COFFEE BARBECUE SAUCE

Ingredients:

- 1 1/2 pounds Certified Angus Beef ® ground beef, 80% lean
- 3 1/2 teaspoons salt, divided
- 1/2 teaspoon black pepper
- 1 large red onion, very thinly sliced
- 8 ounces (3/4 cup plus 1/4 cup) cider vinegar, divided
- 1/4 cup plus 2 tablespoons brown sugar, divided
- 1 tablespoon whole peppercorns
- 1 cup water
- 1 tablespoon butter
- 1 small yellow onion, diced
- 2 cloves garlic, minced
- 1 cup brewed dark roast coffee
- 1/2 cup ketchup
- 2 tablespoons yellow mustard
- 2 teaspoons paprika
- 4 slices sharp cheddar cheese
- 4 hamburger buns



Instructions:

1. Form 4 (6-ounce) hamburger patties, season with 1-teaspoon salt and 1/2-teaspoon pepper. Refrigerate until ready to smoke.
2. Place sliced onion in a heat proof bowl. In a small saucepan add 3/4-cup cider vinegar, 2- tablespoons brown sugar, 2-teaspoons salt, peppercorns and 1-cup of water. Bring to a boil, stirring until salt and sugar dissolve. Pour solution over sliced onion and cover with plastic wrap so that onions are well submerged. Allow to steep and pickle while preparing burgers and sauce (at least 1 hour).
3. Preheat smoker with your favorite wood (we like hickory and/or applewood) to 275°F. Smoke patties 45 minutes to 1 hour or until they reach 155°F internal temperature.
4. While patties smoke prepare sauce by heating 1-tablespoon butter over medium heat and adding diced onion, garlic and 1/2-teaspoon salt. Saute until onions are soft and translucent, 4 to 5 minutes. Pour in coffee, 1/4-cup cider vinegar, 1/4-cup brown sugar, ketchup, mustard and paprika; bring to a boil. Reduce to a simmer and cook for 20 minutes. Once reduced, puree in a blender or with an immersion blender and strain. Yields about 1 1/4-cups.
5. Top burgers with cheese and close smoker just to melt cheese. Build burgers: spread barbecue sauce on the bottom bun, top with cheeseburger patty, pickled onions and top bun.



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39th ANNUAL SPRING FEVER SALE

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SHUFFLER FARMS SALE FACILITY
UNION GROVE, NC

44 RUBY 2357
Full sister to dam of SNJ Ruby 2215 AAA 20452918 (selling)

DB Konic 695

PROGENY SELLS!

VINTAGE HENRIETTA PRIDE 5024
Dam of SNJ Henrietta Pride 221 AAA 20452931 (selling)

PROGENY SELLS!

SCR PRIM LASSIE 80634
Dam of SNJ Prim Lassie 2202 AAA 20452929 (selling)

MUSGRAVE 316 STUNNER

PROGENY SELLS!

SYDGEN RITA 5730
Maternal grandam of SNJ Rita 2211 AAA 20452926 (selling)

STERLING PACIFIC 904

PROGENY SELLS!

ALSO SELLING:
SNJ Everelda 2206 AAA 20452920
SNJ Blue Ribbon 2212 AAA 20452924
SNJ Blue Ribbon 2214 AAA 20452927

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SALE HELD IN OXFORD, NC

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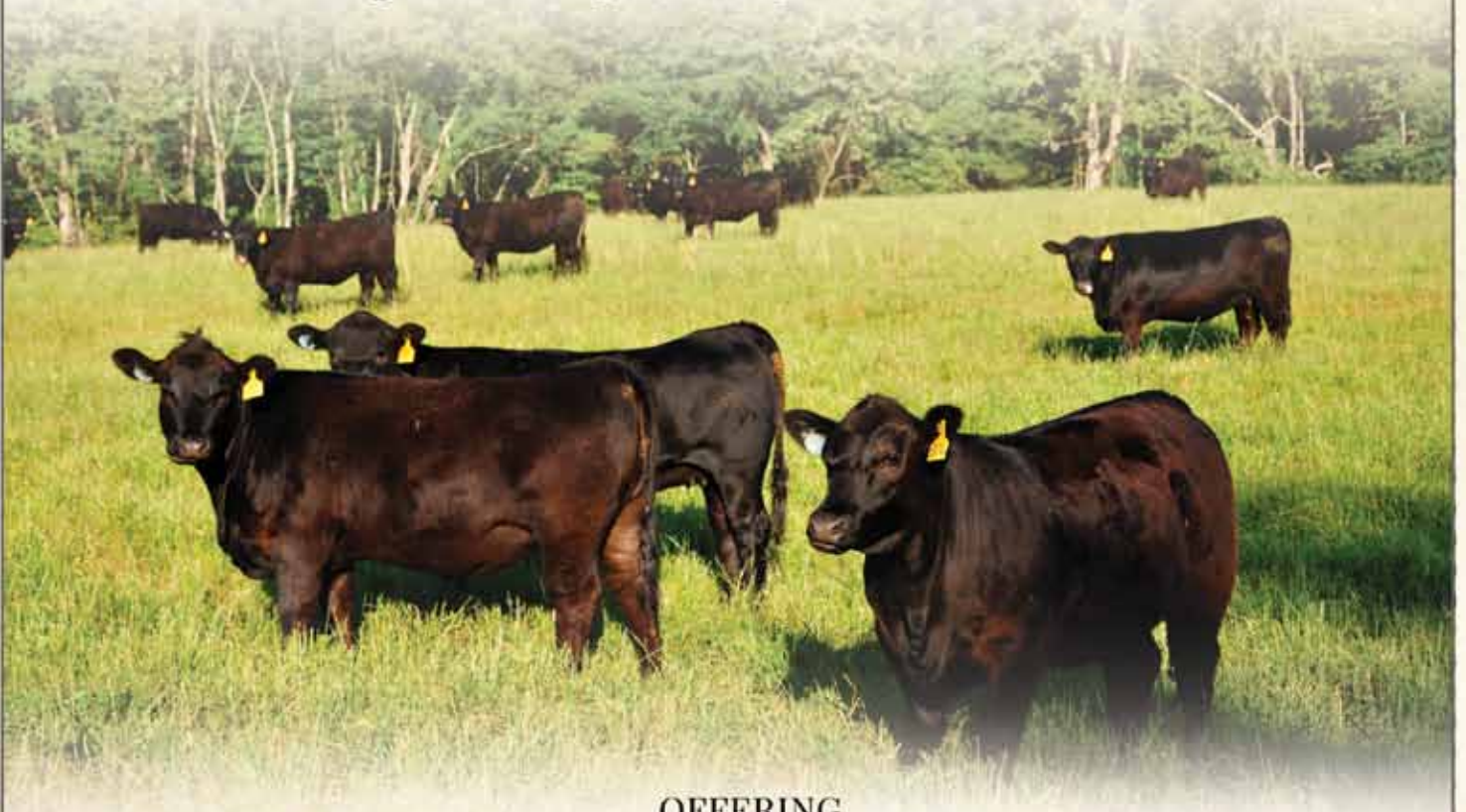
NCSU Department of Animal Science
E. Carroll Joyner Beef Educational Unit
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Box 7621 • Raleigh, NC 27695

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