

FARMERS' Quarterly



YOUNG FARMERS IN AGRICULTURE



Rising Kentucky land prices

by Katie Pratt

Lexington, Ky.- Land prices have steadily risen across the Bluegrass state for much of the past decade. As a result, renting farmland has become a more attractive option than buying to many Kentucky producers.

Each year, the U.S Department of Agriculture releases

a Land Values Summary that includes cropland values for land used to grow grain crops, vegetables and hay. According to the U.S. Department of Agriculture's Land Values 2020 Summary, average Kentucky cropland prices were \$4,400 per acre. This is an

see LAND page 7

INSURANCE: A Family Tradition



Todd Austin

by Greg LeNeave
Publisher, Paducah Business Journal

Back in 2005, a young fellow by the name of Todd Austin graduated from Carlisle County High School. His journey towards a professional life in the insurance business took an interesting path.

First things first. Todd went to Murray State University and earned a degree in Human Health and Safety. He graduated in 2010. Like any other normal college student, Todd enjoyed his time there before taking off to the Midland-Odessa, Texas area. While he was in Texas, Todd worked in the utility sector for two years. He then traveled to

the northeast part of the United States to work for the Michael's Corporation constructing power lines for approximately four years.

The jobs he first landed, right out of college, paid rather well, but the living conditions wore on him. Think about it; life was living in a hotel from day-to-day, month-to-month and eventually year-to-year. It got old, after a period of time.

In retrospect, the friendly confines of living back in western Kentucky, close to friends and more importantly family, was calling Todd home.

What was the lure to come

see TRADITION page 7

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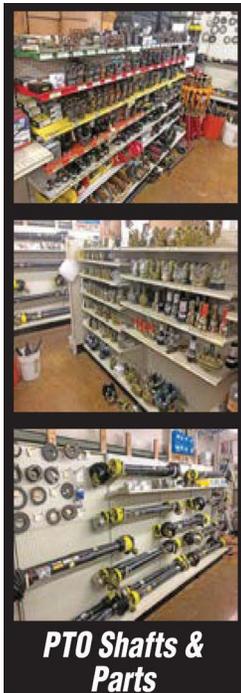
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Moving cows back to the bedding area.

Photo by Jeff Franklin

Beef producers prioritizing cow-calf comfort, efficiency

by Aimee Nielson

Dairy cattle managers have long known the importance of minimizing stress in their herd. As such, they have gone to great lengths to make cows comfortable with cushy beds and other posh fixtures. Now some Kentucky beef producers are experimenting to see if one method will keep beef cattle more comfortable during the winter months.

David Appelman is a University of Kentucky Cooperative Extension Service agent for agriculture and natural resources in Bracken County. He's also a beef producer, who used to raise dairy cows. His grown children wanted to get into the cow-calf business.

"We did not have the facilities at all," he said. "We were just an open pasture. We wanted a facility that allowed for easy management, and we wanted to optimize animal production."

Appelman has seen how beneficial

compost-bedded pack barns have been in the dairy industry. He visited the UK dairy farm and thought maybe the comfy cow barn would work well for beef.

A compost-bedded pack barn is an open-air barn with no stalls. The floor of the barn is covered with at least 10 inches of dry wood shavings or sawdust for bedding. The producer needs to rake the area twice daily with a tractor to add oxygen and keep it fluffy.

"When it comes to animal rest, that is something we have forgotten about, we don't focus on, and we really have to keep in mind that if animals stand in muddy conditions, they are going to be standing for many more hours than normal," he said. "You take six to eight hours of additional standing, just because it is muddy, I think that is where the real stress is coming from on all those beef animals."

Appelman said the compost-bedded pack barn concept is

see *BEEF* page 6

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“ We would like to thank the entire crew at Sullivan Auctioneers for the wonderful auction they did for us. We started planning for this auction nearly a year in advance and signed a contract with Sullivans for a live onsite auction and by summertime they recommended we move it to an online only event. I conferred with the other owners of the corporation and we all agreed to go with an online auction. The end result was higher than our expectations. From the very start the sale managers, Cody Holst & Kyle Ferguson, were wonderful to work with and we would recommend their firm to anyone!

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BEEF

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best-suited for smaller herds. He said with 30 to 35 cows and their fall calves inside the facility, they stay out of the mud, and they have a controlled feeding environment and a way to minimize hay loss. It is a safe way to manage the herd, while making daily visual contact with the animals.

“We think about our farm population; we see our producers getting older and still working off the farm,” he said. “They are coming home at night. It’s dark; it’s muddy. They are taking the tractor out in the field going through gates and among animals that are pushing and shoving to get to feed. It is a dangerous situation for a lot of our producers.”

While a compost-bedded pack barn is not the norm in the beef industry, UK beef specialist Les Anderson believes it could work, in the right situation.

“A semi-confinement production situation gives a producer the opportunity to increase efficiency,” he said. “David’s design reduces feed costs by decreasing hay loss, by decreasing nutrient requirements for maintenance and gain and increasing the stocking rate. Cattle that fight mud and cold and wet temperatures simply require more feed to maintain the condition and thrive.”

The Applemans also have integrated an electronic monitoring system to aid in estrous detection and early diagnosis of disease.

“Over time, this increased efficiency of production will help this family overcome the overhead costs of the building,” Anderson said. “Bottom line is cattlemen hate mud, and mud has many hidden costs. These semi-confinement operations aren’t the answer for every producer, but the data collected here will help Kentucky producers make more sound decisions.”

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TRADITION

continued from page 1

back home?

As our old buddy, Hank Williams, Jr. wrote about . . . 'A Family Tradition.'

Yes, Todd's parents Rob and Sharon Austin were running a very successful insurance business (Austin Insurance). His brother Tyler Austin, was a successful insurance professional as well.

Todd said, "Coming back and helping my father and brother Tyler keep the family business going meant a lot."

What's intriguing about Todd, is he loves helping farmers. He is an avid outdoorsman and loves to fish and hunt. Deer, pheasant, Canadian geese and most any other outdoor game is right down his alley. He also enjoys raising cattle in his family farm setting, located between Arlington and Bardwell in Carlisle County.

When it comes to the professional side of helping the local farmer, Todd simply wants his customers to know their options better. "Know your coverages. You need to know FULL REPLACEMENT cost," said Austin.

When asked about the length of time it takes a farmer to process a claim with one of Austin Insurance's providers, such as Kentucky Growers or Celinus Insurance companies, Todd said the process works like this: "A claim gets turned in. An adjuster is assigned to help work with the farmer or land-owner. Once an estimate is made, the process is then in play. Normally within two to three weeks (maximum), a claim is processed."

The take-away one gets when speaking with Todd Austin is that he's down to earth, cares about his fellow farmer and is simply a good-hearted man.

You can't ask for more than that in today's Agri-Business environment.

LAND

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increase of \$1,220 per acre from 2010, when cropland prices across the state averaged \$3,180 per acre.

The rise in farmland prices is due to several factors, said Greg Halich, agricultural economist in the University of Kentucky College of Agriculture, Food and Environment. Many cities and towns, including Kentucky's large metropolitan areas, Lexington, Louisville, Northern Kentucky and the traditional agricultural hubs of Bowling Green, Owensboro and Elizabethtown have seen substantial growth in the past decade. This has caused some farmland to be eyed by developers and investors. Also, a large segment of the population wants to live in rural areas, but not necessarily farm.

"Any land close to a city is being valued for development and, as a result, is overvalued for farmland purposes," he said. "We see more farmers renting compared to buying farmland, because it is often cheaper to rent. Rental agreements tend to value the land based on its agricultural use rather than its development potential."

Every few years, Halich surveys the state's county agriculture and natural resource extension agents about the estimated cost of local rural land prices and cash rents. While these are only estimates, they give a good indication of rural land price trends across the state.

According to his 2018 survey, cropland values in the Midwest subregion of Kentucky, which includes Daviess, Warren and Christian counties, are the highest in the state with average prices estimated to be \$6,100 per acre. The Bluegrass subregion, which includes Fayette and surrounding counties, had the second highest average cropland values. Agents estimated the average cropland prices there to be \$5,200 per acre.

For hay ground purchases, the Bluegrass had the highest estimated land values at \$4,100 per acre. The North Central subregion, which includes Jefferson and Northern Kentucky counties was second at \$3,800 per acre.

Higher land prices make it difficult for producers to purchase land and harder for new farmers to enter the industry.

"Land, especially land being priced for development, is difficult for producers to cash flow," Halich said.

Cash rents are significantly cheaper than purchasing land. Average cash rent for cropland in the Midwest subregion of Kentucky was \$210 per acre for the best ground and \$150 for fair ground. In the Bluegrass, average cropland cash rent was \$130 per acre for the best ground and \$90 for fair ground.

Hay ground rentals were more expensive in the North Central area, with average cash rents ranging from \$65 to \$40 per acre. In the Bluegrass area, cash rents

were estimated to range from \$50 to \$30 per acre. The Bluegrass hay ground cash rents were comparable to the North East, South East, South Central, Near West subregions.

Another reason that renting has become more attractive to the state's producers is average cash rents have been declining across the state since 2014, when commodity prices dropped. From the 2015 to 2018 surveys, rent prices dropped between \$10 to \$15 per acre as profitability margins in grain crops grew slimmer.

With grain prices on the rise again this year, it may cause cash rents to increase.

"Now that commodity prices are rising again, producers may see an increase in cash rents in future contracts," Halich said.

While commodity prices are on the rise, Halich cautions producers on overpaying for land.

"Producers need to consider where commodity prices are going to be in the long run before overbidding on farmland," he said.

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Kentucky Beekeeper Association

kybees.org photo

Upcoming educational opportunities for beekeepers

Bees are an important part of agriculture, because they provide the pollination required to produce many crops. Beekeeping not only helps ensure that your crops get pollinated, but it can be a very rewarding experience, not to mention producing some very tasty honey. The Kentucky State Beekeepers Association has many upcoming educational programs to help you learn more about beekeeping and improve the health of your hives.

With funding from Kentucky State University, Phil Craft is offering an online series called Intermediate Beekeeping. Craft is a retired Kentucky state apiarist and former beekeeping specialist for the Kentucky Department of Agriculture.

This series is designed to help beekeepers better manage their honeybee colonies. The program consists of eight live virtual classes and a Q&A session. Sessions occur on various Tuesday nights throughout 2021 at 7 p.m. ET.

Upcoming sessions include:

May 4: Varroa overview, integrated pest management and monitoring for varroa mites

June 1: Controlling varroa

June 22: Mid-summer hive management, honey dearth issues, robbing precautions, waxing moths

and varroa summer treatment

July 6: Removing honey from the hive, processing the honey and selling it in Kentucky

July 27: Developing and following a varroa management plan

Aug. 24: Fall hive management, helping your bees prepare for winter

Sept. 21: Other IPM techniques to control varroa mites

Oct. 12: Phil Craft and other guest panelists TBA

To participate in the series, you must be a member of the Kentucky State Beekeepers Association. The cost to join is \$15 per year, and you do not have to reside in Kentucky to be a member of the organization.

On May 8, the association will hold their virtual spring beekeeping conference, and the guest speaker will be Mike Hood, entomology professor emeritus at Clemson University. Hood was a Clemson researcher when the small hive beetle was first found in South Carolina bee colonies in 1996. He will discuss the history and lifecycle of the pest and ways to control it.

More information about these educational programs of the Kentucky State Beekeepers Association is available online at <https://bit.ly/2QoJ4qE>.

Source: Phil Craft, Kentucky State Beekeepers Association

Tobacco and Kentucky's economy



**Commissioner
Dr. Ryan Quarles**

Growing up on my dad's tobacco and cattle farm, I saw firsthand how important tobacco was to Kentucky's economy. When I was a kid, nearly every farm family had a little bit of tobacco. It was a valuable crop that

helped me not only pay for my first vehicle, but also helped me pay my way through college. That story is not unique; it's the same one shared by many of you. When the Tobacco Master Settlement Agreement was reached in the late 1990s, Kentucky had tens of thousands of tobacco farms. Now there are fewer than 3,000. In those earlier days, a group of farmers and government leaders saw an opportunity to take half of the funds from the Master Settlement Agreement and wisely invest them into the future of Kentucky agriculture. Since that time, KADF has done incredibly transformative work and has changed Kentucky agriculture for the better. I can tell you that I have seen these changes first hand, as I've visited countless farms across the state in my five years as Commissioner. As you have likely heard by now, the General Assembly made a policy change two weeks ago and passed Senator Paul Hornback's Senate Bill 3, which moves the administration of the Kentucky Agricultural Development Fund

see TOBACCO page 10

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TOBACCO

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from the Governor's Office to the Kentucky Department of Agriculture. The new name of the office will be the Kentucky Office of Agricultural Policy. I am a big believer in the idea that it's better to get it right than to get it done fast. That's why in the first two weeks since Senate Bill 3 became law, I have been meeting regularly with KADF staff to listen to their ideas about how things can be improved and how we can stand on the shoulders of the agricultural giants who envisioned this fund years ago. As the Commissioner of Agriculture, a Kentucky farm kid, and someone who has seen what the KADF has done over the years, I want to make a promise to you: we are going to keep up the great tradition of excellence with the Kentucky Agricultural Development Board and the Kentucky Agricultural Finance Corporation. However, this is also a great opportunity to kick the tires and see what can be done better going forward. I understand that many folks have questions

about this process (including me) and we are working quickly to develop answers as the transition to the Department of Agriculture progresses. For sure, this change is not going to happen overnight. In the meantime, please know that it is business as usual at the Kentucky Ag Development Board and the Ag Finance Board. My office is fully committed to ensuring that these changes are done in a way that does not disrupt the function of the boards, the regularly scheduled meetings, or any of the services that staff have provided so well over the past decades. We plan to do all of this in a nonpartisan way, just like Kentucky agriculture expects us to. With hundreds of millions of dollars invested over the lifetime of the fund, Kentucky agriculture has been transformed and it's important we continue to work together to make life better for Kentucky's farm families. I look forward to continue working with you in our shared mission to further the good work of this fund and build on the record of success that has been achieved for the Commonwealth.



Kentucky tobacco farm.

UK researcher studying impacts of nanopesticides on nitrogen

by Katie Pratt

Lexington, Ky., - Nitrogen leaching is a constant concern for many in the agricultural industry with many working to determine how to prevent it. Tiffany Messer, a researcher in the University of Kentucky College of Agriculture, Food and Environment, is leading a study that will determine the impact nanopesticides have on the nitrogen cycle and the environment.

Nanopesticides are a new technology that recently became commercially available. They are comprised of extremely tiny particles with a large surface area. The large surface area allows them to provide good protection against pests while using less of the active pesticide ingredient. As a result, they are designed to reduce the environmental impacts and/or increase crop productivity, but researchers are still trying to determine how this technology fits into and impacts agroecosystems.

Messer will specifically study the impacts of a copper-based nanopesticide currently used in wine production and a newly designed imidacloprid-based nanopesticide slated to be used in corn production. Her collaborators include Dan Miller, a research microbiologist at the U.S. Department of Agriculture's Agricultural Research Services lab in Lincoln, Nebraska, and Manuel Montaña, assistant professor at Western Washington University.

The researchers will look at the impacts each of these nanopesticides have on the nitrogen cycle at the laboratory and field scale in soils commonly found in cropland and wetlands in the Southeastern and Northwestern United States. Messer will determine how long these chemicals remain in the soil following application and then if or how they degrade and if they are transported through the soil or runoff.

"Through this study, I hope to provide realistic recommendations for producers, so they can minimize environmental impacts

of nanopesticides," Messer said. "I also hope to provide information about fate and transport of nanopesticides for researchers to use to address other questions in agriculture and downstream best management practices, and to develop a predictive model for fate and transport of nanopesticides."

The four-year study is funded by the USDA's National Institute of Food and Agriculture.

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UK researcher Tiffany Messer is studying the impact nanopesticides have on the nitrogen cycle and the environment.

Photo by Matt Barton, UK agricultural communications.

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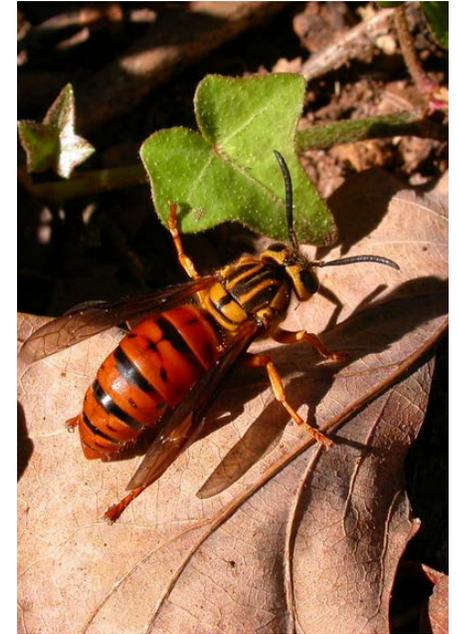
By Jonathan L. Larson
Entomology Extension Specialist

Introduction to Stinging Insect Royalty

Spring is a time of new beginnings for much of the natural world. This holds true for insects, such as bees and wasps, as well. This week, we have received multiple inquiries on identifying large stinging insects that have been found in homes or prowling around the perimeter. Obviously, nobody is looking for a temperamental roommate that can inject you with venom, but people are also concerned they are discovering the “murder hornet” that was a major news item last year around this time.

In truth, what people are finding, by and large, are the founding queens of species like the bald-faced

hornet, the southern yellowjacket, the European hornet, and various species of paper wasps. You may not have rolled out the red carpet for them or played a royal tune, but these new queens are still interested in using nooks and crannies of our structures in which to build their nest. For many of the social hymenopterans, their colonies are annual. Queen Elizabeth and honey bees may persist over multiple seasons but bumble bees, wasps, hornets, and yellowjackets have colonies that usually die out in the autumn with only new queens surviving to overwinter. Those queens will emerge as the weather warms and will work to start their nest and create their first brood of workers. After that, they switch to just laying eggs while all their kids take care of the other needs of the nest. Below are some tips for



see *BEES AND WASPS* page 15



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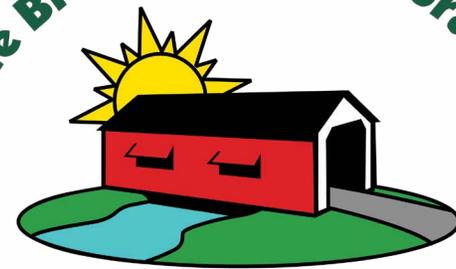
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BAEGLS provides community for UK grad students

by Katie Pratt

LEXINGTON, Ky.— Moving to a new state and starting a new school can be a daunting task for many graduate students, especially if they go alone. The University of Kentucky Department of Biosystems and Agricultural Engineering created the Graduate League of Students to help ease that transition for their students and help them gain a sense of community while introducing them to potential future colleagues.

Gabriel Abdulai was looking for community when he came to the UK College of Agriculture, Food and Environment and found it through BAEGLS. The post-doctoral student is a native of Ghana and came to the United States in 2016 to pursue a master's degree at the University of Missouri. He serves as the president of BAEGLS, because he knows how important it is to belong to a community and wants to make the transition easier for other students who may find themselves in a similar situation.

"When I moved to the U.S., I felt like a lone ranger," he said. "As future researchers, we all tend to stay in our own silos. This group tries to bring graduate students together for camaraderie and professional relationships."

The group was the idea of Karin Pekarchik, the department's senior extension associate for distance learning. She recognized that graduate students needed to have camaraderie with other students and to feel a sense of belonging within the department. She serves

as the group's mentor.

"We have a diverse student body, with very different support systems, expectations and backgrounds," she said. "By supporting the creation of a graduate student organization, the department has demonstrated its commitment to the professional development and personal success of each graduate student."

The group began meeting before the COVID-19 pandemic, and it has helped ease the chaos of the pandemic for the department's graduate students. The group meets every other week for a virtual event and an invited speaker.

"The BAE Graduate League of Students is an asset to our department, with combined efforts from graduate students, staff and faculty to promote the success of our graduate students, while they are students and beyond," said Mike Montross, department chair. "BAEGLS fills a need in the department, and I've been impressed with the social and professional programming that BAEGLS leadership has initiated during the COVID-19 pandemic."

BAEGLS is open to all graduate students in the department. Members of the group's executive committee are available to answer questions to potential and future students about the department and the greater Lexington area.

"I enjoy BAEGLS, because you get to know people personally beyond their research project," said Toby Adjuik, vice president of BAEGLS and doctoral student. "It really helps break down barriers between us."

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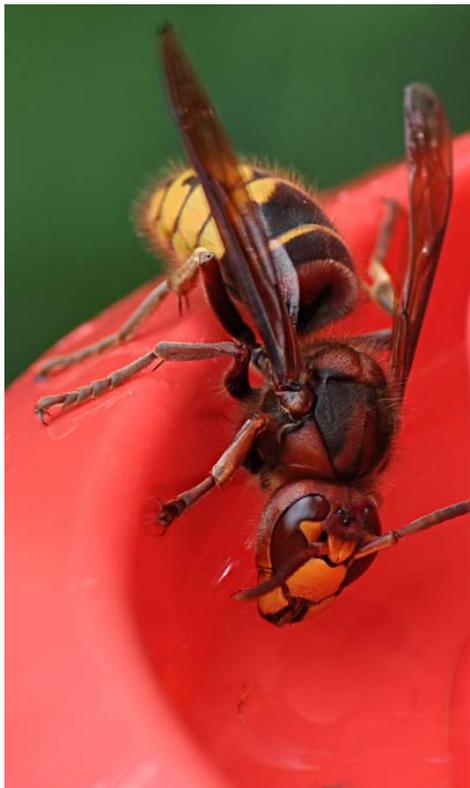


Prior to the COVID-19 pandemic, UK BAEGLS organized an international potluck for all students, faculty and staff in the Department of Biosystems and Agricultural Engineering.

Photo by Alicia Modenbach, UK lecturer

BEES AND WASPS

continued from page 12



identification as well as ideas for preventing this issue.

Bald-faced Hornet

Bald-faced hornets (Figure 1) are around 3/4 inch long and have a black body with contrasting white markings on the face and abdomen. They usually build their nests in trees but may also use the sides of buildings. The nest is papery and looks like an upside-down pear.

Figure 1. Bald-faced hornet (Photo: Johnny N. Dell, Bugwood.org)

Southern Yellowjacket

The queen of this yellowjacket species (Figure 2) is large with black and yellow coloration and an orange abdomen. Their size and color has led many to mistakenly identify them as the Asian giant

hornet (aka the “murder hornet”). They usually nest in the soil but may take advantage of wall voids, too.

Figure 2. Southern yellowjacket (Photo: Lisa Ames, University of Georgia, Bugwood.org)

European hornet

European hornets (Figure 3) are the largest of our hornets in the area and the one most commonly confused with the Asian giant hornet. The founding queen can be over 1/5 inches long but can be differentiated from the more famous species by the dark red coloring that appears on the head and thorax.

Figure 3. European hornet (Photo: John Yuschok, Bugwood.org)

What do you do?

If you encounter these royal

insects, try to see where they are inspecting for construction and then take away their access. You can use spray foam insulation or caulking to make sure they are excluded from wall voids, hidden spots, and other structural opportunities. Outdoors, in the soil or trees it is much more difficult to decrease their opportunity. You might just need to note their location and make sure you avoid disturbing them in the future.

Alternatively, you can also treat small nests with products containing pyrethroids as an aerosol or dust. This will also work as the nest matures. Finally, you can't discount the elegant simplicity of just swatting the queen when you discover her and cutting the problem off at the source.

For many of the social hymenopterans, their colonies are annual.

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Photo by Steve Patton

Cattle markets more stable a year into COVID-19 pandemic

by Aimee Nielson

LEXINGTON, Ky. - A year ago, cattle markets were swinging up and down amid the early months of the COVID-19 pandemic. This year, cattle markets are more stable, and the future looks promising.

"2021 looks a whole lot like the 2020 we expected had it not been for COVID-19," said Kenny Burdine, agricultural economist for the University of Kentucky College of Agriculture, Food and Environment. "The supply this year looks about the same as it did last year, maybe a little bit better. The calf crop will be a bit smaller, which usually helps support our fall markets."

Burdine said one thing that is really helping is improved demand. When COVID-19 hit, most of the country shut down. Many restaurants closed or reduced sales without indoor dining, and the demand for beef went down. But now with fewer restrictions, warmer weather for outdoor dining and many people going back out, demand is up.

"I think everyone expects more of the constraints to be lifted as we move through this year," Burdine said. "Demand should continue to improve throughout 2021."

The first few months of 2021 were encouraging in terms of exports. The

U.S. moved quite a bit of beef to other countries, with China particularly strong the first two months of 2021.

"The combination of improving demand, increased exports and just a more normal scenario overall points to a better 2021," Burdine said. "The fall feeder cattle board is trading at a big premium. That means the expectation is that prices are going to be a whole lot better as we get into summer and fall. So, a lot of our fall cow-calf operations that are now moving weaned calves are going to benefit from the fact that those calves could be placed in a grazing program and sold on a much stronger market this fall."

The cattle industry has weathered the pandemic storm, but not without significant impacts on profitability for cattle producers across the system. Impacts were seen on cow-calf, stocker, backgrounding and finishing operations. Burdine said direct payments through the Coronavirus Food Assistance Program certainly helped, but they didn't make up for what producers lost last year.

"There were losses last year that we're not going to get back, but we are certainly set up for an improved 2021," he said. "Our newest challenge is drastically higher feed prices, which are impacting costs for growing operations and the value of heavy feeder cattle being sold."

UK Ag Equine Programs' students and partners give back during Spring into Service Day

by Sydney Carter

Lexington, Ky. - University of Kentucky Ag Equine Programs, in conjunction with the UK chapter of Minorities in Agriculture, Natural Resources and Related Sciences, MANRRS, hosted a student-driven Spring into Service event at the African Cemetery No. 2 in Lexington. The day of service was sponsored by Central Kentucky Ag Credit.

"Spring into Service was a unique event that allowed us to learn about the African American heritage within the equine community and also allowed our students to give back to the local community," said Kristen Wilson, academic coordinator within UK's Equine Science and Management undergraduate degree program and advisor for the program's student leadership team, the Wildcat Wranglers.

The community service event, coordinated by the Wildcat Wranglers, contributed to the upkeep and overall enhancement of the local cemetery. The same student team planned and organized the inaugural Equine Week of Service during the fall 2020 semester. That story is available at <https://bit.ly/3sJ1q3q> and on YouTube, <https://www.youtube.com/watch?v=44nTUT7qb0Y>.

The old Benevolent Society No. 2 Cemetery, now known as African Cemetery No. 2, was originally established in a rural setting, according to the cemetery's website. It is in the process of being preserved and restored.

The cemetery was the first burial site of Isaac Burns Murphy, winner of three Kentucky Derbys and the first African American inducted into the National Museum of Racing and Hall of Fame in 1955. It also holds the remains of Oliver Lewis, the jockey who won the inaugural Kentucky Derby in 1875; Abraham Perry, the trainer of Joe Cotton, winner of the Kentucky, Tennessee, Coney Island and five other derby races in 1885; and James "Soup" Perkins, who



Volunteers at the Spring into Service event spruce up the landscaping at African Cemetery No. 2 in Lexington.

Photo by Steve Patton, UK agricultural communications.

was tied a record as being the youngest jockey to win the Kentucky Derby in 1895. More information about the cemetery can be found at <http://www.africancemeteryno2.org/>.

The service event brought together more than 50 student, alumni, faculty and staff volunteers for a day to clean up and make landscaping improvements to the property.

"The first shift of the day focused on picking up all sticks and debris from the eight acres. The second shift focused on weeding the main flower beds and weeding around the many trees on the property. The third shift focused on putting new mulch in all flower beds and around all trees – we called it Mulch Madness!" said Grace Camp, a Wildcat Wrangler student and

event co-chair. "Overall, the event was a big success that allowed students and faculty to come and volunteer their time on a beautiful day and also learn about the history and importance of the cemetery within our community."

"This was by far one of the best organized and hardest working group of students who have ever volunteered in the cemetery and their efforts show in the improvements to the grounds they made during their visit. We are deeply appreciative of their efforts," said Mark Coyne, African Cemetery No. 2 chair and a faculty member within the UK College of Agriculture, Food and Environment's Department of Plant and Soil Sciences.

"My sentiments center on pride

for our students and program together with admiration for the broad historical foundation of horses – Thoroughbreds, Saddlebreds, Standardbreds and, more recently, all breeds – in the cultural and agricultural heritage of Kentucky," said James MacLeod, director of UK Ag Equine Programs and John S. and Elizabeth A. Knight Chair within the Gluck Equine Research Center.

According to Camp, the Wildcat Wranglers look forward to putting on a service-oriented project each semester and are excited to pursue a partnership in the future with the African Cemetery No. 2. Their now annual Week of Service, held during the fall semester, is scheduled for Oct. 4-11, 2021.

UK Gluck Center and industry leaders respond to an uptick of foal diarrhea cases

by Holly Wiemers

Lexington, Ky. - The first several months of the year make up the bulk of the busy foaling season in Central Kentucky, so when the region's farms and equine practitioners began noticing increases of diarrhea in foals ages 2 to 7 days old, there was concern.

In response, the University of Kentucky Gluck Equine Research Center is using a portion of its existing Koller Emergency Funds, and the Kentucky Thoroughbred Owners and Breeders Foundation, Grayson-Jockey Club Research Foundation and Coolmore America are leading an effort to help provide additional funding, allowing research to begin immediately.

"Anytime we recognize an increased incidence in equine health cases, such as foal diarrhea, we prepare and mobilize to further our understanding of the health issue," said David Horohov, chair of the Department of Veterinary Science and director of the Gluck Equine Research Center. "Early detection and rapid diagnostics are at the cornerstone of what drives our research approach."

Foals commonly develop diarrhea a week to 10 days after foaling, and veterinarians and farm owners typically have the experience and tools to respond. According to the American Association of Equine Practitioners, it is important for a veterinarian to evaluate foals under a month old when they experience diarrhea because they can develop life-threatening dehydration in as few as six to eight hours. Neonatal or young foals have a digestive tract, similar to humans, where small intestines are responsible for much of their nutrition absorption. Dealing with this type of attack on the small digestive system heavily impacts foals, which is a big reason why the Gluck center will focus its research efforts on this issue.

A significant increase in the illness has affected some farms, while other farms have had few to no cases. In spite of these incidences, UK has

not recognized a rise in reported mortality associated with these cases and continue to monitor the situation.

UK College of Agriculture, Food and Environment researchers have developed a multipronged research plan to help further the understanding of the problem.

One focus of this research plan is to expand scientists' knowledge of the foal gut environment. This will add to their understanding of neonatal gut bacteria and the effect of antibiotic treatment.

A second part of the research plan is to study the differences in mares and their foals on farms both with and without early neonatal diarrhea cases and the effect of antimicrobial drug treatment. Researchers will conduct this analysis through gene sequencing to determine an overview of type and diversity of gut microflora.

They will also use the data in this part of the study to gain insight into the effect of antimicrobial use in foals on the development of their gut microflora.

The third prong of the research will investigate a biotherapeutic approach on one farm. That farm is supplementing foals with home-fermented live yogurt instead of a commercial pre/probiotic. Research has shown that *Lactobacillus* spp. bacteria are among the first colonizers in the neonatal gut. Data from other species supports *Lactobacillus* spp. as promoting gut health and outcompeting pathogens in gut colonization.

In addition to the three studies, the UK Gluck Center and Veterinary Diagnostic Laboratory team has identified further potentially useful tests, including gene sequencing targeting identification of novel viruses and bacteria that may be present.

With limited Koller Emergency Funds available, the UK Gluck Equine Research Center is thankful for the additional dollars provided by the Kentucky Thoroughbred Owners and Breeders Foundation, The Grayson-



UK College of Agriculture, Food and Environmental researchers have developed a multipronged research plan to address the problem of foal diarrhea.

Photo by Matt Barton, UK agriculture communications

Jockey Club Research Foundation and Coolmore America.

"The foundation members met March 15 and felt this research and timing was consistent with the sole mission of immediately responding to threats to the breeding industry in Central Kentucky. We are grateful to Gluck for accessing their emergency funds and everyone for responding so quickly," said Jimmy Bell, chairman of the KTOB Foundation.

"We at Grayson-Jockey Club Research Foundation believe in supporting timely equine health for all horses at every stage of their lives, and foal diarrhea is proving to be a concern this year on Central Kentucky farms," said Dell Hancock, chair of the foundation. "We are happy to help facilitate research to address this condition and thank the University of Kentucky's Gluck Equine Research Center for their commitment to the well-being of horses."

The mission of the Gluck Center is scientific discover, education and dissemination of knowledge for the

benefit of the health and well-being of the horse.

Mission: KTOB Foundation maintains emergency funds to rapidly counter economic and existential risks to Thoroughbred breeding in Central Kentucky. It is the custodian of funds raised during the mare reproductive loss syndrome (MRLS) in 2001. Since then, it has funded over \$2 million in vital research as well as redevelopment of an infectious disease laboratory at the Gluck Equine Research Center in 2018. It is administrated by the Kentucky Thoroughbred Association.

Grayson-Jockey Club Research Foundation is traditionally the nation's leading source of private funding for equine medical research that benefits all breeds of horses. Since 1983, the foundation has provided more than \$30.6 million to fund 396 projects at 45 universities in North America and overseas. Additional information about the foundation is available at grayson-jockeyclub.org.

UK and Purdue seeking calves lost to or injured by black vultures

by Aimee Nielson

LEXINGTON, Ky. - It's not a surprise to seasoned cattle producers that black vultures will prey on newborn calves. The University of Kentucky College of Agriculture, Food and Environment is teaming up with Purdue University, the U.S. Department of Agriculture Wildlife Services and the Denis H. Heeke Animal Disease Diagnostic Laboratory in southern Indiana to study the problem.

Assistant professor of wildlife management Matthew Springer is leading the efforts at UK. The group is requesting that producers donate calves or other livestock to the research effort, if they believe the animal was lost to black vultures.

"The goal of this project is to determine the characteristics of an animal killed by a black vulture versus one that is just scavenged upon," Springer said. "This research should help inform any indemnity loss applications through the USDA Farm Service Agency."

Springer said the group is prioritizing animals that producers saw being attacked. Someone from UK will pick up the animals and take them to the Heeke lab for examination of injuries and necropsy. Researchers will catalog the results to determine the features of a vulture attack.

"Given the extensive nature of the necropsy, the carcasses need to be in good shape and preferably found within 24 hours of the attack," Springer said.

Researchers are also seeking black vulture nest sites throughout Kentucky as part of a larger black vulture research effort in the Southeast United States. The larger project is a collaboration with the

Murray State University Biology Department and USDA Wildlife Services "Our goal with the larger study is to better understand the nesting behavior and survival of black vulture nests as well as fledgling movement and survival rates," Springer said. "The research fits into a larger overall push by USDA Wildlife Services to better understand black vulture populations and behaviors."

Springer said the overall goals of these efforts are to improve understanding of the black vulture and to identify future management strategies to help overcome vulture-related damages.

"This project should help us understand the reasons for the increase in black vulture populations and help minimize human-vulture conflicts in the future," he said. "If you know of a nest site and would be willing to allow us access to monitor it, please contact us."

The team will monitor nests using trail cameras to observe nesting behavior and any predation events until chicks leave the nest. The team will briefly visit nest sites every 10-14 days to collect the memory card and check the nesting status. They will attach GPS transmitters to a subset of fledglings when they reach the necessary size and age later in the summer.

"We would be especially grateful if you could report nests as soon as you become aware of them, as we are currently within the vulture breeding season," Springer said.

Cattle producers interested in helping with the projects should contact Springer at mattspringer@uky.edu, 859-257-8633, or Phil Kavouriaris at Murray State University msu.blackvultures@murraystate.edu, 270-288-6097.

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Restaurant owners, chefs, stakeholders meet during 'Restaurant Roundtables'

LONDON –Kentucky Commissioner of Agriculture Dr. Ryan Quarles has been making rounds across the state this month for his “Restaurant Roundtables” series to thank Kentucky small business owners and chefs for sourcing food from Kentucky farms and hear firsthand about the challenges they faced during the coronavirus pandemic. Today, he met with several small business owners in Laurel County to continue these discussions.

“The home of Colonel Sanders’ first and original restaurant and the place where Sanders’ nephew, Lee Cummings, co-founder of Lee’s Famous Recipe Chicken, began his career, Laurel County knows a thing or two about chicken. Its annual World Chicken Festival celebrates these roots, and also showcases Laurel County’s hospitality,” Commissioner Quarles said. “Across the state, the hospitality industry was one of the hardest hit during the coronavirus pandemic. Despite those challenges, our Kentucky Proud Buy Local restaurants continued to support local farmers. These Restaurant Roundtables are one way I can personally thank them for being part of the farm economy and hear directly from these small business owners about how they survived during the pandemic. It’s time to reopen Kentucky.”

“We appreciate the opportunity to visit with Commissioner Quarles today in Laurel County to talk about the issues facing the restaurant industry as we prepare to reopen,” said Kristin M. Smith, owner of The Wrigley Taproom in Corbin, Kentucky. “I’m glad to have been able to participate

in the conversation about labor issues and how to better improve relationships between restaurants and farmers beyond the pandemic.”

“Attending the roundtable this morning and listening with Commissioner Quarles to restaurateurs talk about their challenges really highlights the relationships and partnerships we need with the KDA, farmers, and connectors all over Kentucky,” said Stacy Roof, president and CEO of the Kentucky Restaurant Association. “As Kentucky restaurants prepare to fully reopen, these connections will remain invaluable. We thank the Commissioner for prioritizing our local restaurants, cornerstones in each of their communities.”

The Commissioner has already made stops in Lexington, Louisville, Bowling Green, and Owensboro with one more discussion planned for northern Kentucky. Each roundtable will follow recommended Centers for Disease Control (CDC) guidelines for social distancing and mask wearing.

Those participating in the forum are small businesses, restaurants, and other stakeholders in the hospitality sector. The forum is also a way for the Kentucky Department of Agriculture to promote its Kentucky Proud Buy Local program for restaurants, caterers, schools, and other food service participants that source and support local farms. The Buy Local program rewards participants for enhancing their menus with locally-sourced Kentucky Proud farm ingredients. The program is funded by the Kentucky Agricultural Development Fund.

AT LEFT: Commissioner of Agriculture Dr. Ryan Quarles, right, speaks with Patrick Angel, President of the Southeast Kentucky Sheep Producers Association, today during the "Restaurant Roundtable" event in Laurel County. The event allowed the Commissioner to speak with business owners and other stakeholders about the challenges of the COVID-19 pandemic on their industry and to thank them for being a part of the farm economy. Kentucky Department of Agriculture photo



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UK Colleges of Agriculture, Food and Environment and Nursing partner to train more rural nurses

by Katie Pratt

Lexington, Ky. - The University of Kentucky College of Agriculture, Food and Environment is partnering with the UK College of Nursing to help meet the need for more nurses in rural Kentucky.

According to the 2019 Centers for Disease Control and Prevention's State Rankings for Health Outcomes, Kentucky has some of the highest obesity, diabetes, cancer and heart disease rates in the United States. Many of the state's rural counties are among the worst for health outcomes. At the same time, much of the state faces a shortage of registered nurses, with rural areas having the greatest need.

Beginning this fall, the Ag Nursing Scholars Program for

Kentucky Health and Wellness will provide a way for students in majors in CAFE's Department of Dietetics and Human Nutrition to seamlessly earn a second degree in nursing. Students will earn a Bachelor of Science degree in either dietetics or human nutrition from CAFE and then pursue an accelerated Bachelor of Science degree in nursing from the College of Nursing.

"This partnership is exciting, and we hope to succeed in supporting well-rounded student programs to create healthier communities," said Nancy Cox, UK vice president of land-grant engagement and dean of the College of Agriculture, Food and Environment.

"The College of Nursing is thrilled to announce this new partnership with the College of Agriculture,

Food and Environment, giving students an opportunity to train and develop a broad set and depth of skills that will make them uniquely qualified to excel in their future careers," said Janie Heath, dean and Warwick Professor of Nursing in the College of Nursing. "This type of dual-degree opportunity is what gives our University of Kentucky students a competitive advantage over other graduates in the fields of health care, nutrition and education."

During the program, students will complete a variety of experiential learning activities and undergraduate research. As part of the nursing program, they will also receive Certified Nursing Assistant training and more than 700 clinical hours of guided learning from faculty and clinician specializing in six specialties.

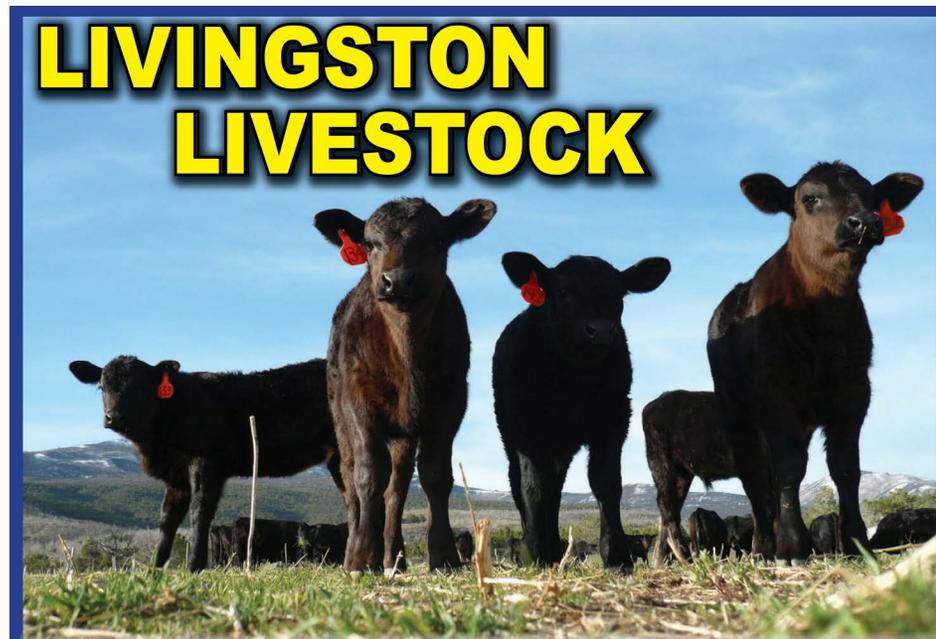
"Most of our students want to pursue advanced degrees in health care professions, and this program will help them expedite that process," said Tammy Stephenson, professor and chair of

the Department of Dietetics and Human Nutrition. "Our graduates have the foundational knowledge of the importance of agriculture and the food system as well as nutrition, lifestyle choices and their role in promoting health and wellness and reducing risk for chronic disease."

With funding from the Women in Philanthropy Network at the University of Kentucky, the Ag Nursing Scholars program will offer scholarships to six students interested in pursuing both degrees.

Program graduates will be eligible to take the nursing licensure exam.

"The great thing about having a background in nutrition is that our students gain transferable skills that help them understand and translate the science behind nutrition to better support their future patients," said Liz Combs, UK lecturer and director of undergraduate studies in the Department of Dietetics and Human Nutrition. "This strong nutrition background helps prepare students to be well-rounded clinicians."

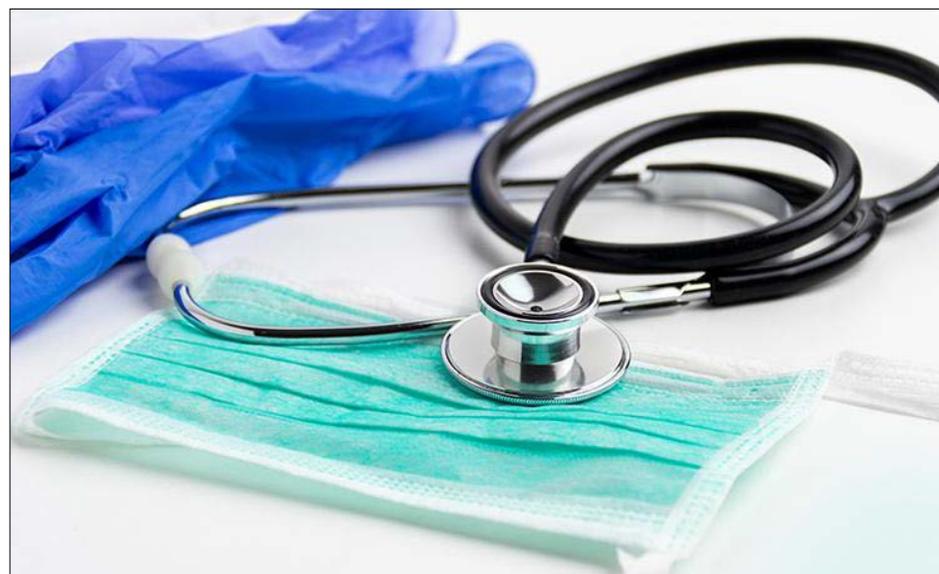


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The two colleges have developed a partnership to allow CAFE students in the Department of Dietetics and Human Nutrition to earn a second bachelor's degree in nursing.

Photo from Getty Images

It's mostly back to normal for summer ag events

Commissioner directs staff to support county fairs, agritourism, livestock shows and other events



FRANKFORT – Kentucky Commissioner of Agriculture Dr. Ryan Quarles has directed Kentucky Department of Agriculture (KDA) staff to support the state's robust agricultural traditions this summer as a way of bringing some level of normalcy to 2021.

"As I've said for weeks now, with widespread vaccine access and more knowledge about the coronavirus, it's beyond time to fully reopen Kentucky," Commissioner Quarles said. "Last year, we successfully modified everything from farmers' markets to livestock shows to occur safely. Kentuckians should know my

staff and I are here to support local officials in any way possible as they attempt to bring a level of normalcy back to Kentucky. I look forward to hitting the road this summer to visit our farmers' markets, agritourism destinations, county fairs, and livestock shows."

The Kentucky Department of Agriculture plans to move forward with supporting local agricultural events throughout the summer. The Department encourages local officials to monitor both state and Centers for Disease Control guidelines when planning events.

"Governor Beshear's decision

to lift the mask mandate for outdoor events with less than 1,000 people pretty much encompasses every agricultural tradition in Kentucky," added Quarles. "That decision, coupled with wide vaccine availability, means our agricultural community is going to move ahead with a year that looks much more like 2019 than 2020."

Commissioner Quarles kicked off the Kentucky farmers' season with a visit and remarks on Saturday, May 8, to the Covington farmers' market at Roebing Point.

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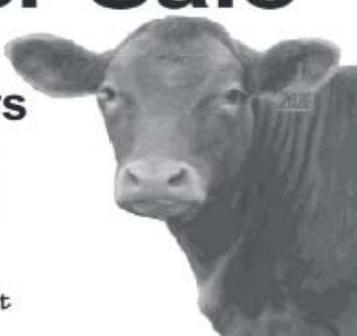
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Todd Austin

Commissioner Quarles, Kentucky cattle producers celebrate May as Beef Month

FRANKFORT (May 10, 2021)
 – After a year marked by a global pandemic that disrupted the nation's supply chain and cattle prices, Kentucky cattle producers joined Kentucky Commissioner of Agriculture Dr. Ryan Quarles today to commemorate the month of May as "Kentucky Beef Month."

"If the pandemic showed us anything, it was the importance of our beef cattle farmers. When grocery stores shelves were empty, Kentucky residents turned to our farmers and our farmers delivered," Commissioner Quarles said. "Beef is not only good for you as part of a healthy, balanced diet, but buying Kentucky Proud beef is good for the state's economy, keeping your hard-earned money right here at home. I ask all Kentuckians to join me and our cattlemen in enjoying some delicious beef during the month of May."

With more than half of Kentucky farms raising cattle, the state is home to 38,000 beef cattle producers according to the National Agricultural Statistics Service. The Commonwealth is 14th in the nation for the total number of beef cows and calves with an inventory of 2.15 million head as of January 1. With nearly a million beef

cows, Kentucky boasts the largest beef cattle inventory east of the Mississippi River and the eighth-most in the nation.

Kentucky produced more than 667 million pounds of beef last year valued at more than \$701 million. Beef cattle sales accounted for more than \$727 million in cash receipts to Kentucky producers in 2020 and gross income of more than \$739 million.

During the pandemic, Commissioner Quarles and the Kentucky Agricultural Development Board invested more than \$3.5 million into expanding meat-processing capacity across the commonwealth so the state would not be as reliant upon out-of-state meat processors. In May 2020, Commissioner Quarles and Attorney General Daniel Cameron wrote the Department of Justice to request an investigation in possible anti-competitive practices that might have occurred during the processing slowdown, which resulted in higher prices for meat at the grocery store but lower prices on the farm.

The Kentucky Department of Agriculture helps producers find new markets for their cattle, conducts beef cattle shows,



Commissioner of Agriculture Dr. Ryan Quarles, right, receives a platter of Kentucky steaks from Kentucky Beef Council Chair Joe Lowe, of Bowling Green, center, and Kentucky Cattlemen Association President Chris Cooper, of Richmond, left.

Kentucky Department of Agriculture photo

tracks market prices, and protects Kentucky's herds from disease. To find out more about the Department's services, go to www.kyagr.com.

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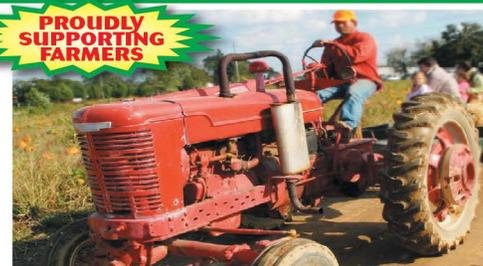
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May brings 'InTree-ging" From the Woods Today episodes

by Carol Lea Spence

LEXINGTON, Ky., — This month, “From the Woods Today” is going to look at some of the “intree-ging” stories trees tell. The University of Kentucky Forestry and Natural Resources Extension’s weekly webcast offers relevant and interesting information about woodlands and wildlife each Wednesday at 11 a.m. EDT.

The program streams on Zoom, Facebook Live and where podcasts are available. Hosts Billy Thomas and Reneé Williams, UK extension forester and information specialist, respectively, welcome UK specialists who share their knowledge of Kentucky’s forests and the creatures that call them home.

May’s episodes include:

May 5: Assistant Professor Jacob Muller will introduce a new video segment called InTreegued, which focuses on what makes forests special to people and why they are dedicated to being good stewards. Ellen Crocker, assistant extension professor of forest health, will continue sharing information about pesky plants.

May 12: Doug McLaren, retired extension forester, will talk about the stories trees tell through their growth rings, and forest health technician Megan Buland will highlight those luscious earthy finds on the forest floor: mushrooms. Reptiles are stirring in the warming weather, so Matt Springer, assistant professor of



wildlife, with Steven Price, associate professor of stream and riparian ecology, will discuss how to identify snakes.

May 19: Springer and research team members will discuss the details of the elk survival

and reproduction research project the UK Department of Forestry and Natural Resources is doing in partnership with the Kentucky Department of Fish and Wildlife Resources. Crocker will talk about honeysuckle leaf blight.

May 26: Nic Williamson will share information about the Urban Forest Initiative toolkit.

All episodes include the Tree of the Week segment.

The link to the Zoom sessions, a list of topics and archived episodes are available at <http://www.FromTheWoodsToday.com>. Participants will receive a prompt to install Zoom, if they haven’t already done it. When asked for an identification number, sign in as a guest. Anyone can join a session, regardless of their location. The episodes are also available on Facebook Live at <https://www.facebook.com/ForestryExtension/>.

The UK Cooperative Extension Service is part of the College of Agriculture, Food and Environment. With its land-grant partner, Kentucky State University, UK Cooperative Extension brings the university to the people in their local communities, addressing issues of importance to all Kentuckians.

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Kentucky 4-H continues to promote international education

by Katie Pratt

Lexington, Ky., - While COVID-19 has altered the traditional 4-H international program, Kentucky 4-H is still finding ways to educate young people about different nations and cultures.

"We are really implementing the idea that you do not have to travel to have a global mindset, and we are focusing on helping youth develop cultural competencies from home," said Rachel Noble, 4-H youth development specialist and Kentucky 4-H International Program coordinator in the University of Kentucky College of Agriculture, Food and Environment.

On April 29 and May 5, Kentucky 4-H will celebrate Japanese Golden Week through virtual events in partnership with States' 4-H International Exchange Programs, Western Michigan University and Michigan 4-H. Japanese Golden Week contains four of Japan's 15 national holidays and is a time of rest and relaxation for many Japanese families.

"We will be sharing traditional celebrations and history surrounding Golden Week," Noble said. "The idea is to showcase Japanese culture and encourage cultural awareness and understanding."

4-H Golden Week programs begin at 7 p.m. ET each day and last around 1.5 hours. The programs on May 5 will focus on Children's Day, a Japanese



Russell County 4-H'er Autumn Onyon shows off the Hino dolls she made as part of 4-H's virtual celebration of Japan's Girls' Day.

Photo provided

holiday that celebrates children's personalities and happiness. This is the second year that Kentucky 4-H and Michigan 4-H have partnered to host this event. It was very successful in 2020 with youth and families from five states participating.

The free, virtual program is open to 4-H'ers and their families across

the United States. Those interested in participating in the Golden Week celebrations should register online at https://uky.az1.qualtrics.com/jfe/form/SV_3xsYW2ycE1D4RsW or by emailing Noble at rachel.noble@uky.edu.

Young people also have the option to learn more about different cultures

through an online curriculum created by Kentucky 4-H in partnership with States' 4-H International Exchange Programs, UK Office of China Initiatives, UK Department of Community and Leadership Development, Texas 4-H, Taiwan 4-H and Kentucky 4-H agents, members and alumni.

The curriculum allows youth to explore countries and cultures around the world through educational materials, events and activities. Countries and regions included in the program are Costa Rica, Mexico, Peru, Japan, South Korea, Brazil, Taiwan and Scandinavian countries. Interested individuals can find more information at <https://4-h.ca.uky.edu/content/global-education>.

Kentucky 4-H and its partners also hosted a successful Japanese Girls' Day virtual series in February and March. During the four-part series, organizers focused on a different aspect of Japanese culture and the traditional holiday celebration including songs, origami and food. The program reached nearly 200 families from 30 different states.

"Through these programs, Kentucky 4-H is helping young people identify their role in our global society, understand the interdependence of other cultures and countries, appreciate the accomplishments of other cultures, and cooperatively work with others from other cultures," Noble said.

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Webster County 4-H'ers win National LifeSmarts Championship

by Katie Pratt

LEXINGTON, Ky.- A group of Webster County 4-H'ers recently took top honors at the 2021 National LifeSmarts Championship, becoming the first Kentucky 4-H team to do so.

Members of the Webster County team include Lily Martin, Emma Martin, William Leslie, Allie Newman and Ella Oakley. They defeated a team from North Carolina to earn the championship. They are coached by Wade Raymer, the county's 4-H youth development agent.

"It's a huge honor for us," Raymer said. "It's the first time that a Webster County 4-H team has ever won a national contest."

A competition of the National Consumers League, LifeSmarts tests high school students' knowledge of consumer awareness in areas such as personal finance, technology, environment, health and safety, and consumer rights and responsibilities. Winners receive prizes and scholarship money. To make it to the championship round, students had to create an infographic, participate in a team activity with another team and answer quick-recall style challenge questions.

The group from Webster County started competing in 2018. Since then, they have won the state championships in 2019, 2020 and 2021. In 2019, they placed eighth in the nation. They did not compete in the 2020 national competition due to the COVID-19 pandemic.

"It took lots of practice to win," Raymer said. "We started practicing virtually every Friday beginning in October. After the first year when we went to the national



Members of the Webster County 4-H 2021 National LifeSmarts Championship team are from left: Coach Wade Raymer, Emma Martin, Lily Martin, Allie Newman and William Leslie. Not picture is Ella Oakley.

Photo provided

championship in Orlando, they set their goal to win it. They put in the time and effort to make it happen."

As national champions, each 4-H'er on the Webster County team received \$1,500 in scholarship money and additional prizes.

In addition to the national championship, Webster County 4-H'er and team captain Lily Martin, was named the LifeSmarts Student of the

Year.

"LifeSmarts has taught me the practical skills that every adult truly needs to know," she said. "From how to file taxes to how to test a smoke alarm, I have learned skills that I will carry throughout my life. As I transition into adulthood, I feel infinitely more prepared because of my participation in this program."

"Lily was truly the leader of the

group and helped keep everyone motivated," Raymer said.

Throughout 2020 and 2021 more than 100,000 teens competed for a chance to represent their state at the National LifeSmarts Championship. Competitors at the championship represented 60 teams from 30 states and the District of Columbia.

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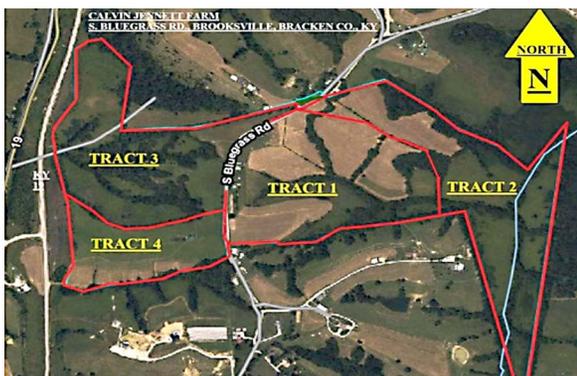


154.27 ACRES
IN 4 TRACTS & COMBINATIONS
ABSOLUTE
REAL ESTATE
AUCTION

Sat., May 29 | 10:30 am

FARM consists of 158.27 acres, 96.6 acres located on the east side of the South Bluegrass Road and 61.65 acres located on the west side of South Bluegrass Road and extending to KY 19 to be offered in 4 tracts ranging from 20 acres to 51 acres in size to be offered individually and in combinations, and sold in manner producing the most money. TRACT 1 - 45.54 acres & the home, barn, stable, garage, and numerous outbuildings; TRACT 2 - 51.08 acres; TRACT 3 - 41.61 acres; TRACT 4 - 20.04 acres

SALE AUTHORIZED BY DONALD JENNET AND BRENDA HEDGES, CO-EXECUTORS OF THE ESTATE OF CALVIN JENNETT



ABSOLUTE AUCTION

Sat., June 5, 2021 | 10:30 am

PROPERTY OF

GEORGE B. DAY, JR. and DEBORAH DAY
7177 KY Hwy 1234, MAYSVILLE
(ORANGEBURG), MASON CO., KY 41056



TRACTORS- John Deere 5500 tractor, diesel, 3898 hours; John Deere 4410 tractor, 4x4, with John Deere 430 loader and bucket and a John Deere 47 backhoe attachment; International Harvester IH Farmall Super A w/sicle mower.

IMPLEMENTS- Bush Hog HMG8 disc mower; New Holland 463 disc mower; New Holland 853 hay roller/round baler; 8' wheel disks/disc harrows; PZ Zweegers Funex 500 hay Tedder; hay Tedder; role bale trailer with unloading conveyor (bumper hitch, hydraulic); (2) 3 pt. Hitch carryalls; Ag Equipment 3 pt. Hitch pro drive tiller; John Deere R manure spreader (bumper hitch, ground-driven); Bush Hog 206 rotary mower; Bush Hog SQ600 rotary mower; 16' tag-along flatbed trailer; John Deere 24 square baler; flatbed wagon; metal pickup truck cattle racks; hay spear; boom pole; Seed Easy 3 pt. Hitch pro drive leader;

MOWERS- Husqvarna RZ4824F zero-turn mower; (2) Southern States riding mowers; Husqvarna push mower; Southern States push mower; front-tine tiller; Blue Clean 2050 psi pressure washer; Agri-Fab 38" grass sweeper;

TOOLS & MISCELLANEOUS- Handtools; For-Most head guts; wheelbarrow; cut-off saw (pulley drive); horse drawn implements; lumber; hay and straw; older "scrub" implements/scrap metal; 12' s/s sink; MUCH MORE!!!



Craig A. Stanfield

606-301-3350

info@stanfieldproperty.com
www.stanfieldproperty.com

REAL ESTATE &
AUCTION SERVICES

2126 W. KY 10, Tollesboro, KY 41189



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LAND for SALE 77.1 Acres Cropland

\$350,000 | KY-10, Tollesboro, KY | Lewis Co.

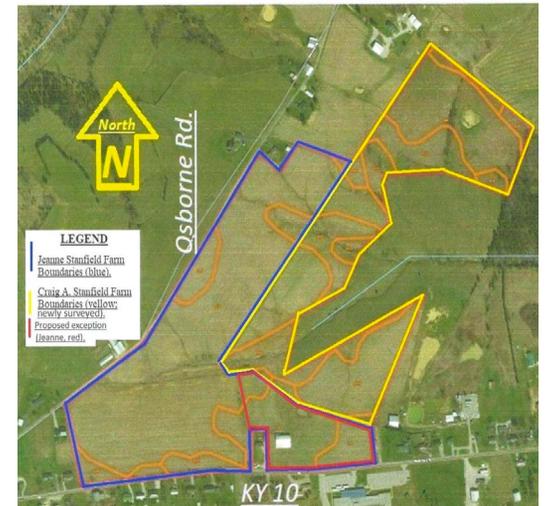
NOTES: The asking price indicated is approximate as the property will be sold by the acre, being all of the Jeanne Stanfield Farm and consisting of approximately 44.6722 acres offered for \$220,000, or approximately \$5,000 / acre average, and with the cropland portions of the Craig Stanfield Farm, newly surveyed, 32.451 acres, offered for \$130,000 or just over \$4,000 / acre, **TOTAL \$350,000 IF YOU PURCHASE IT ALL.**

TOLLESBORO - 77.1232 ACRES CROPLAND (nearly all cropland, very little waste, over 60 acres in corn and soybeans the last few years with the northern-most portion consisting of 13.379 acres as 2 fields that were retained for pasture and not offered for row-crop production), approximately 3/4 mile road frontage (property fronts on two roadways, a state highway, KY 10, and a county road, the Osborne Road. The property offers excellent potential for lot sales. Keep in mind that Tollesboro is served with public water AND public sewage, with natural gas along KY 10, with high speed internet service and cable television services), level to gently rolling throughout! 2020 crop rights will be available. Keep this cropland farm in mind if you want to get in on the ground floor of hemp production! Offered in it's entirety for \$350,000! **FARM CAN BE DIVIDED!** If you've been looking for a productive row-crop farm, call **CRAIG TODAY!** Owner.

ALTERNATIVE PURCHASE SCENARIOS: You can purchase the Jeanne Stanfield Farm consisting of approximately 44.6722 acres straight out for \$220,000 without buying any portion of the Craig Stanfield Farm.

You may purchase the Jeanne Stanfield Farm with her retaining the barn lot, the field behind the barn lot and the field that forms the east boundary of her farm (approximately 5 - 6 acres; will require survey) for \$200,000.

You may purchase the Jeanne Stanfield Farm, approximately 44.6722 acres straight-out for \$220,000, and Craig will owner-finance the sale of his 32.451 acre portion of his farm as follows: \$10,000 paid April 15, 2022 and \$10,000 paid each April 15th for the next 4 successive years (through 2026) for a total of \$50,000 (you will receive the crop rights to 19.072 acres of the 32.451 acres, and will receive the crop rights for the property in it's entirety after the property has been purchased in full), with a balloon payment in the amount of \$90,000 due Oct. 1, 2024. This will result in a higher sales price (but that is to accommodate the fact that I am permitting 100 percent of the annual payment to apply towards purchase and not charging interest or lease monies which results in a loss to me over the time period of \$12,500, the amount I would receive for the crop lease based upon my current lease rate. I am actually losing \$2,500 in this scenario, but I do retain the right to pasture the 13.379 acres until I am paid in full), no interest, no pre-payment penalty. **NOTE:** The Craig Stanfield farm is not offered for sale **UNLESS** the Jeanne Stanfield Farm is purchased.



PRODUCTIVE 130+ ACRE FARM with Impressive Home!

7177 St. Hwy. 1234, Maysville, KY (Orangeburg) - Mason Co.

\$550,000 - 130± ACRES | 4 BEDS • 2 FULL BATHS

Located on KY 1234 near Orangeburg, this property is improved with an impressive ca. 1903 very attractive, quality constructed, large two story frame home offering 4 bdrms., 2 baths, basement, CH, truly outstanding woodwork (solid wood doors, built-in china cabinet, floor and window trim; impressive front entryway; wonderful staircase with wood spindles, newel post and wainscoting; beautiful fireplace mantle with mirror, cover and tile surround), a walk-up attic, built upon a foundation of cut limestone offering a full basement, with a covered wrap-around porch on stone piers/columns, and a covered side porch. Agricultural improvements include a tobacco barn, shop building, hoop barn, cabin with garage entrances, and a smaller shop structure. Acreage includes significant gently rolling ridgetop cropland, some pasture acreages, and some woods (which offers excellent hunting potential), fairly significant road frontage with public water and electricity, **PRICED TO SELL \$550,000!!!**



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