HOMETOWN NEWS FOR KENTUCKY'S FARM COMMUNITY

MARCH 18, 2021

270-384-9454

# Cattlemen help producers in eastern Kentucky

Kentucky cattlemen, local businesses and volunteers have donated hay, fencing, and cleaning supplies to offer relief to the flooded areas of eastern Kentucky.

University of Kentucky Cooperative Extension agents in those counties are working hard to help their communities. Kentucky Cattlemen's Association is also involved and has set up a donation button on the organization's website. Money raised will be used to replace fencing or meet other needs.

There is need for hay due to pasture damage and need for restoring pasture fields. Some fields had as much as a foot or more sand deposited on top of the field.

Anyone wishing to help may contact their local extension service or KCA at 859-278-0899

Donations may be made at kycattle.org or write a check to KCA, 176 Pasadena Dr., Lexington, Ky. 40503. Add to the memo line, "Eastern Ky. Flood relief fund."



To donate supplies to farmers in eastern Kentucky, contact your local extension office or KCA at 859-278-0899.



Master tree farmer Keith Shepherd stands in front of one of his tree farm management sections that was harvested last fall.

# Tree farmer talks harvesting

CROFTON, Ky. – Keith Shepherd scouts his crop, checks growth, and looks for disease and insect damage. He checks market prices and uses USDA Farm Agency programs. He worries about weather conditions that affect his crop, which will be harvested over the next 30 years.

Thirty years? Shepherd is a Master Tree Farmer and manages Burdoc Tree Farm.

"I'm just like any other farmer when it comes to producing an agriculture commodity. I have the same pressures; my harvest schedule is just different," Shepherd said.

In 1982, fresh from the University of Kentucky with a bachelor's degree in forestry science, Shepherd received his parents' blessing to turn their 1,200 acre north Christian County farm into a tree farm. Shepherd's parents, his mother a Hopkinsville doctor and his father an insurance fraud attorney, purchased the abandoned acreage in 1954, naming the farm Burdoc, a combination of their name Burwell and Doctor.

They set about bringing the farm back to a crop and livestock operation, but the farm was predominately woodland. While Shepherd began his tree farm management with the entire farm, in 1993 his mother's estate's settlement reduced his tree farm to 660 acres.

It is important to note that north Christian County is topographically very different than south Christian. South Christian hosts some of the largest agriculture acres in the state and regularly puts Christian County at the top of statewide agriculture statistics.

While north Christian has many farmers and tillable acres, the crop acreages are smaller. There are rolling hills and a landscape more akin to the western coalfields in neighboring Hopkins and Muhlenberg counties. Shepherd acknowledges the difference by pointing out that south Christian has Pembroke loam soils, where his farm has Zanesville soils.

Shepherd's first hurdle in developing the tree farm was timber stand improvement. He divided the woodlands into 30-acre sections that would be managed for certain species

SEE CHRISTIAN, PAGE 3



Ky. Poultry Federation membership drive **16.** 

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# Green grass can fool cattle producers

LEXINGTON – Spring is on the horizon. Most cattle producers are ready to put the cold and snow behind them and see the pastures greening up. But University of Kentucky beef specialist Katie VanValin urges producers not to let the green grass fool them.

"The growth we see in our pastures in the early spring can be deceiving," she said. "From a nutrient standpoint, it often just won't cut it. There's just not yet enough forage available, and what is available has a high moisture content. When we turn the cows out too early, they can exert more energy searching for the next bite, and most of that mouthful ends up being water."

For spring-calving cows, this time is especially critical. Most cows are transitioning from late gestation to lactation right now, and their nutrient requirements are at their highest. VanValin said it's not a time to let cows slip into an energy deficit and lose body condition. She encourages producers to make sure cows are in good body condition before calving and then maintain their condi-

tion through breeding to ensure optimum performance.

"Research shows us that cows' reproductive performance begins to decline when cows reach a body condition score of 4, so it's crucial to performance and efficiency of the herd for cows to maintain a body condition score of 5 to 6," VanValin said.

If producers turn cows out too early, it can also cause undue stress on forages, ultimately hurting the stand and creating an opportunity for weeds to invade. Instead, producers need to evaluate the forages in their pasture and let the grass growth dictate when to turn cows out as opposed to a date on the calendar

Another problem of early green pastures is "grass tetany." Grass tetany most often occurs in older, lactating cows consuming a diet of lush green grass that is high in potassium and low in magnesium. It may also occur in cows with insufficient forage available and consequently have an insufficient intake of magnesium.

"While grass tetany commonly occurs in early spring, we also see it when feeding wheat or rye baleage, since the cereal grains are usually high in potassium and nitrogen but low in magnesium," said UK College of Agriculture, Food and Environment ruminant veterinarian Michelle Arnold. "In any case, affected cattle have borderline low blood magnesium concentration, and then they develop clinical signs of grass tetany when triggered by a stressor such a cold snap."

Producers can prevent it by feeding a magnesium supplement during times when conditions are right for grass tetany to occur.

"Ideally, producers will begin to supplement with free-choice, high-magnesium mineral at least 30 days prior to calving," Arnold added.

If cattle show signs of grass tetany,

Arnold emphasized it is a true veterinary emergency, and they need prompt treatment. Producers should be very careful around cattle suspected of having grass tetany, as they may be quite aggressive. Prevention of this condition is much better than a cure, because survival rates are low, around 40 percent of affected cattle. Soil testing is always a good indicator of pasture potassium levels.

"The bottom line here is, don't let spring fever set in early and turn your cows out on a pasture that doesn't meet all the nutritional needs of your herd," VanValin said. "Continue to evaluate body condition score and let that guide your management decisions during the transition to spring."

By Aimee Nielson University of Kentucky



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### MARKET REPORT: WEEK OF March 9, 2021 Farmers Regional Livestock Market of Glasgow, LLC

Total Receipts: 757. Supply included 11% feeder cattle (8% steers, 92% dairy steers), 62% slaughter calttle (82% cows, 18% bulls), 27% replacement dairy cattle (19% fresh/milking cows, 5% bred heifers, 13% springer heifers, 25% open heifers, 29% baby bull calves, 10% baby heifer calves.) Feeder cattle supply over 600# was 72%.

Fresh Milking Cows: Supreme 1525.00-1800.00, Approved 1300.00-1425.00, Medium 1125.00-1275.00, Common 775.00-1075.00, Common 700.00-775.00 Jersey.

**Bred Heifers:** Medium 850.00-925.00, Common 675.00-775.00.

**Springer Heifers:** Medium 875.00-1025.00, Common 700.00-850.00. **Open Heifers:** Supreme 775# 70.00, Approved 450-475# 310.00-385.00, Approved 550-575# 425.00-475.00, Approved 650# 535.00, Medium 300# 190.00, Medium 425# 240.00-250.00, Common 425# 170.00.

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<u>Baby Bull calves:</u> 14 head 20.00-110.00, 11 head 140.00-330.00 Beef Cross, 5 head 100.00-130.00 Crossbred, 9 head 10.00-90.00 Jersey.

Baby Heifer calves: 5 head 60.00-100.00, 6 head 130.00-230.00 Beef Cross, 2 head 90.00 Crossbred.

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# Christian County farmer markets timber

#### **FROM PAGE 1**

of trees. As he walked through his timber crop, he explained the process.

"When you manage woods and do any type of harvest work, it should always be geared toward improving the quality of the timber, either by improving the quality of the stems themselves or the species composition."

The first consideration in management is which species to keep. "White oak, red oak, cherry, and walnut were highly prized beginning in Colonial American and still are today," Shepherd said. White oak, in particular, has many uses, from furniture to barrels, cross ties and pallets.

By improving species composition, the farmer selects the species with the best marketability and removes the less desirable trees. Just like culling a cattle herd – keep the best calves. The farmer can then manipulate the cover and bring back the type of trees they want through nature. Or, as he put it, let "God do it." Allowing nature to reforest is less costly and less labor-intensive than planting

trees

But he also pointed out the farmer can't cut everything. One of the true values of a log is its unbranched length. The length develops through competition for sunlight. Small trees like redbuds, small hickories, and maples can shade and force the canopy of the valuable oak to grow taller to reach the necessary sunlight.

As with any crop, growing conditions are an essential consideration. Shepherd said that soil type, soil fertility, depth of soil, and even the slope's solar aspect are considerations when selecting tree species. For instance, red oak grows best on a northeast-facing slope, while white oak grows best on a southwest side.

As he walked, Shepherd pointed to a large white oak with a 15-foot unbranched log.

"I really like that tree. I think that's a really good tree," he said, taking pride in his crop as any farmer would.

"But I won't know how good it is until it's cut," he laughed, also noting that the most value of the tree is in the bottom



Shepherd points to burn damage in the center of a tree that goes completely undetected until the tree is harvested.

log. Shepherd said that defects in a tree are not revealed until the tree hits the saw. White oaks are prized for their light yellow color, a reddish color is a defect. A tree could have a defect from being burned. Kentucky does have forest fires, but fire damage from errant to-bacco bed fires is not uncommon. Wind damage in young trees can cause growth ring separation and this condition again goes undetected until it's on the saw and the board separates.

Each of his 30 sections has its own management plan, some cut more intensively than others, but all are harvested on a rotational basis with a steady income stream. But he doesn't have all his timber income hitched to the sections. He has a 40-acre tree plantation of white oak and white pine planted in 2000. He has also selected small groves of walnuts, cutting out the parent trees and growing the smaller trees to harvest size.

Shepherd's tree farming philosophy is straightforward. "Herd management, crop management, woodland management – it's all the same thing. A tree farmer needs a little bit of vision of what the future will be and what they want it to be, and they can be successful."

By Toni Riley Field Reporter



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#### THE FARMER'S DRIN

# Gun laws we can live with



### ONE VOICE

Sharon Burton

It's not that gun
owners in the
country want to
see criminals
get their hands
on guns; we
just don't trust
our government
to make laws
that affect the
criminals and
not affect lawabiding citizens.

he Democrats are now in control of Congress and the White House, and bills are already being proposed to increase gun control.

I always worry about those bills, among many others, because of the rural/urban divide. Our cultures are diverse in this nation, and it seems we no longer work hard to understand one another.

In the country, guns are respected but not feared. We know that it's important to teach young people to respect them, and we know that people die when mistakes are made.

For people who don't grow up around guns and hunting or sport shooting, they only know of guns by the crimes that are committed in their communities. They only know of guns when they hear about a tragedy in a school building or other mass shootings.

It's understandable how those people hate guns and think gun ownership is only protected in this nation for the government. I totally disagree, but I am not so pro-gun that I think any law about gun control is a bad law.

In the latest round of gun control proposals, the Democrats have been quick to quote data that states that the majority of Americans support background checks.

Supporting background checks is one thing; supporting a universal background check system that leaves the federal government a database of all gun owners is a completely different topic.

Sure, if you trust your federal government, then there is no concern about being on a "list" of gun owners that different federal government departments can share amongst themselves and who knows who else.

Did you ever go to a doctor and get asked if you owned a gun?

I did. My answer was not printable. The reason for asking that question a couple presidents ago was a move to get gun ownership listed as a health crisis, using the data of deaths that involved guns.

See how that works? It's kind of like sending a mafia kingpin to prison, not because he was convicted of being a mafia kingpin, but for tax evasion. If you can't stop the sale of guns, control the production of ammunition or label every home with a gun a health risk.

It's not that gun owners in the country want to see criminals get their hands on guns; we just don't trust our govern-

SEE GUN, PAGE 5

thefarmerspride.com

# Highlighting the horse is a win for animal agriculture

nless they are teaching future agriculturalists, encouraging teachers to use positive examples of food animals in their science curricula is not the easiest task in the world. In then walks the horse, the gateway animal.

Kentucky is well known for its horse industry. The limestone rich soils, abundant water and forages, and temperate climate are a perfect place to raise the majestic animal that has been vitally important to our economy. According to the University of Kentucky Equine Survey completed in 2012, our horses and related assets are valued at \$23.4 billion and support more than 40,000 jobs.

While it is only one part of Kentucky's agricultural enterprise, horses are an easy way to teach concepts of life sciences, ecosystems, and animal husbandry, and these concepts easily translate to other farm animals for comparisons. I remember that it was my involvement with horses and 4-H that led me to study agriculture at the University of Kentucky, and a much larger community and job opportunities were opened to me.

We are happy to announce that we will be offering a new Kentucky Academic Standards-aligned curriculum with a horses and science theme this summer at the Kentucky Farm Bureau Regional Teacher Workshops. Our hope is to hold the workshops in person in early June, but seats may be limited due to COVID-19 restrictions.

The curriculum, which meets several third and fourth grade Next Generation Science Standards, was written by Kentucky teacher and horse enthusiast Jennifer McNulty. Her set of lessons and hands-on training are being made available to teachers thanks to a partnership with the Kentucky Agriculture and Environment in the Classroom, the Kentucky Department of Agriculture, the Kentucky Agricultural Development Fund, Kentucky Farm Bureau, the Kentucky Horse Council, and the Kentucky Equine Education Project.

Our hope is that this new curriculum will entice new teachers to attend the KFB teacher workshops, and then they will learn about the many other lessons and resources we have to offer that will help them teach the required concepts. The curriculum will focus on third and fourth grade science standards, but other teachers may find them useful.

For more information about the workshops and curriculum, please visit teachkyag.org. We hope to have the exact dates and locations soon.

TEACH KY AG

Jennifer Elwell

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### The Farmer's Pride

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JENNIFER ELWELL is executive director of the Kentucky Agriculture and Environment in the Classroom,

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THE FARMER'S DRI

# WHO DO WE BLAME

### For not farming the way we now know we should?

he tree-lined streets of the University of Massachusetts (UMass) and hallowed hallways of Yale University are two places most farmers would not expect to find a hot debate over soil erosion.

And, yet, late this winter, staff at both campuses attacked agriculture's ongoing failure to protect farmland. Don't worry, no ivory tower was toppled. The standard Midwestern view of soil loss – that it's a cost of production like seed or fertilizer – took a long-overdue hit, though.

The examination began in mid-February when Yale Environment 360, an online magazine published by the university's School of Environment, highlighted a December UMass study that showed "more than a third of farmland in the U.S. Corn Belt" – or about 30 million acres – "has completely lost its carbon-rich topsoil due to erosion..."

To anyone needing to eat a generation from now, that's stop-the-presses news.

And it was – but not in the corn-and-soybean Midwest. Instead, the soil loss numbers caught the attention of one-time Iowa farmboy, Verlyn Klinkenborg, a lecturer at Yale and, from 1997 to 2013, a member of the *New York Times* editorial board.

In a March 1 essay titled "How the Loss of Soil Is Sacrificing America's Natural Heritage," Klinkenborg politely chided the UMass geoscientists for narrowing the research's shattering news on "catastrophic" topsoil loss into the mollifying language of ag economics: soil loss is about today's dollars, not tomorrow's lives.

"Inevitably, the paper goes on to calculate the economic implications of these findings," he writes. "And that's how the agricultural press (which has barely noticed this study so far) has read it: The loss of topsoil on 30 million acres may result in a possible \$3 billion loss to 'Midwestern farmers."

It's what we do in agriculture, isn't it: we put prices on priceless items like topsoil, clean water, and clean air so we can continue to abuse these "irreplaceable resources" until we're forced to change.

Besides, \$3 billion isn't that much, right? If we can do that to "an essential part of our common heritage," topsoil, then it's no surprise that "(t)he narrowness of these assumptions... has made it possible to farm in a way that is little more than slow strip-mining."

In fact, today's obsessive devotion to economics – money – has flipped an "old – and in big ag circles, forgotten – maxim that good farmers don't really think about raising crops: they think about improving soil."

It's also led to industrial farming and "Industrial farming is like holding up the grocer at gunpoint for a head of lettuce – 'efficient' in the short term, but eventually disastrous," says Klinkenborg.

And disaster is where we now are in topsoil, explain UMass researchers. To measure today's soil status, the researchers used high-definition satellite imagery, "soil spectral data," and recent soil carbon indexing to measure how much "A-horizon" soil, topsoil, has been

lost on intensely-farmed Midwestern land.

What they found, says Klinkenborg, was "shocking:" that "the A-horizon (soil) has been completely removed from 35 percent," plus or minus 11 percent, "of the cultivated area of the Corn Belt."

Plus or minus "11 percent is a large range of uncertainty," he admits. "But its meaning is plain. At best, 24 percent of the topsoil in the Corn Belt has been completely removed by farming. At worst, 46 percent has been lost."

Both numbers are terrible and both point to how "modern" farming must change to remain viable and, simultaneously, regenerative as climate change – not "efficiency" – impacts all farmers. The hopeful part is that we already know what we must do and we know how to do it

First, however, we'll waste precious time on the blame game.

"It's easy to blame the old farmers," writes Klinkenborg, " – the ones who broke the prairie and their immediate descendants – for not farming in a way that conforms to what we know now. But we ourselves aren't farming the way we now know we should. Who do we blame for that?"

Who, indeed.

**ALAN GUEBERT** publishes a weekly column Farm and Food File through the U.S. and Canada. Past columns, events and contact information are posted at farmandfoodfile.com. Contact Alan Guebert by email at agcomm@farmandfoodfile.com.



### FOOD & FARM FILE

Alan Guebert

Besides, \$3 billion isn't that much, right?

# Beshear makes appointments to State Board of Agriculture

Gov. Andy Beshear has made two appointments to the Kentucky Board of Agriculture.

Hampton Henton of Versailles, the owner of Henton Farms and former state director of the Kentucky Farm Service Agency, replaces Billy Turpin, whose term has expired.

Ramel Bradley, of Morehead, who is the community director for AppHarvest, replaces Louie Rivers, whose term has expired.

Henton and Bradley will serve terms expiring Aug. 1, 2024.

### **Letters to the Editor**

Letters to the editor are welcomed. Letters must include the author's name, address and phone number for verification purposes. Letters should be no longer than 500 words and will be edited for clarity.

Send letters to: Letter to the Editor The Farmer's Pride P.O. Box 159 Columbia, Ky. 42728

# Gun laws we can live with

#### FROM PAGE 4

ment to make laws that affect the criminals and not affect law-abiding citizens.

I hope gun owners in Kentucky are open to the idea of approving sound legislation that would reduce or eliminate the ability of criminals to get their hands on guns. I hope we all listen when we hear the horrifying stories of loved ones lost at the hands of killers who turned a firearm into a deadly weapon.

I hope we understand that some people who want gun control really believe they are trying to make this nation safer.

I hope those people listen as we try to

explain why we own guns and why we think our right to do so is protected and must be protected. I hope they will listen when we break down the proposed laws and explain what would work and what wouldn't.

I value my right as a gun owner, but I know their use can be deadly. We can't ignore that, but I don't think we will ever come to an agreement in this nation that would result in logical legislation to protect everyone. That's sad, because I think there are some good gun laws we could live with and some good things we could do

**SHARON BURTON** is editor of The Farmer's Pride.

# Online program highlights ice damage, forestry industry

LEXINGTON – University of Kentucky Forestry and Natural Resources Extension's weekly online program, "From the Woods Today," delves into a wide range of topics in March, offering relevant and interesting information about woodlands and wildlife each Wednesday at 11 a.m. ET.

The program streams on the online, social conferencing platform Zoom and on Facebook Live. Hosts Billy Thomas and Reneé Williams, UK extension forester and information specialist, respectively, welcome UK specialists who share their vast knowledge of Kentucky's forests and the creatures that call them home.

March's episodes include:

March 24: Pesticide safety and herbicide use.

March 31: The economic contribution of Kentucky's forest industry.

All episodes include the Tree of the Week section.

The link to the Zoom sessions, a list of topics and archived episodes are available at 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 facebook.com/ForestryExtension.

The UK Cooperative Extension Serv-

ice 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.

By Carol Lea Spence University of Kentucky

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Agriculture Workforce Management Association

# Registration open for UK high school crop scouting competition

PRINCETON, Ky. – Registration is now open for the University of Kentucky's 2021 High School Crop Scouting Competition.

Organizers are planning an in-person event July 22 at the UK Research and Education Center in Princeton. However, they will follow COVID-19 protocols and host the event online if necessary.

Participating teams should consist of four to six high school students and an adult leader. Agriculture educators, FFA leaders, 4-H adult volunteers, industry representatives and extension agents can field a team. The students will compete in hands-on, interactive field scouting exercises in corn, soybeans and tobacco. They will display their knowledge and decision-making abilities in basic agronomics, pest identification and big-picture crop production questions. All teams receive immediate feedback on their answers from UK College of Agriculture, Food and Environment specialists and graduate students.

"These competitions are a great opportunity for the state's high school students to get hands-on experience in agriculture and practice their crop scouting skills," said Kiersten Wise, UK extension plant pathologist and event organizer. "Through these events, young people gain knowledge about the challenges that farmers and the agriculture industry face each year."

The registration deadline is April 1, and registration is limited to the first nine teams. Once registered, teams will receive study materials to help them prepare for the competition.

The top three teams will receive monetary prizes. First and second-place teams will be eligible to compete in the Regional Crop Scouting Competition later this year.

Teams can register for the competition at https://forms.gle/MXagpu5vWSMKP KVs6 or by emailing Wise at kiersten.wise@uky.edu.

Katie Pratt University of Kentucky



Photo by Katie Pratt, UK agricultural communications

Kiersten Wise, UK extension plant pathologist, shows a team from Livingston Central an example of issues they might find in the adjoining soybean plot during the 2019 UK High School Crop Scouting Competition.

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THE FARMER'S PRIDE

# Broccoli salad with bacon

1 pound bacon 1 bunch broccoli, finely chopped ½ cup sunflower seeds ½ cup diced red onion ¾ cup mayonnaise

1/4 cup white sugar

2 tablespoons white vinegar

Place bacon in a large skillet and cook over medium-high heat, turning occasionally, until evenly browned, about 10 minutes. Drain bacon slices on paper towels and let cool enough to handle, 5 to 10 minutes. Crumble.

Combine crumbled bacon with broccoli, sunflower seeds, and red onion in a large bowl.

Mix mayonnaise, sugar, and vinegar together in a separate bowl. Pour over broccoli mixture and mix together. Refrigerate for at least 20 minutes before serving.

# Ramen Slaw

1 (12 ounce) package broccoli coleslaw mix

1/2 cup sunflower seeds

1/2 cup slivered almonds

1 (3 ounce) package Oriental-flavored ramen noodles, broken into small pieces

½ cup canola oil

1/4 cup white sugar

1/4 cup white wine vinegar

4 green onions, chopped

Combine broccoli coleslaw mix, sunflower seeds, almonds, and ramen noodles together in a bowl. Whisk canola oil, sugar, ramen noodle seasoning packet, and vinegar together in a separate bowl; pour over slaw mixture. Fold in green onions. Chill in refrigerator for 1 1/2 hours before serving.

# Roasted Easter Ham

1 (5 pound) bone-in ham 1/3 cup prepared yellow mustard 1/3 cup maple syrup 2 tablespoons brown sugar 2 teaspoons onion powder

Preheat the oven to 325 degrees F (165 degrees C). Rinse the ham and pat dry with paper towels.

Place the ham in a shallow roasting pan. In a small bowl, mix together the mustard, maple syrup, brown sugar and onion powder. Coat the ham entirely with the glaze using a spoon or brush.

Roast the ham uncovered for 2 hours in the preheated oven, or until heated through. Let it rest for about 15 minutes before carving to keep it from drying out.





# Easter Nest

1 (15.25 ounce) package chocolate cake mix

1 1/4 cups water

1/2 cup vegetable oil

3 eggs

1 (10 ounce) package sweetened flaked coconut

1 (16 ounce) can prepared chocolate frosting

1 cup egg-shaped chocolate candies (such as peanut M&Ms®), or as needed

Preheat oven to 350 degrees F (175 degrees C). Line 24 cupcake cups with paper liners.

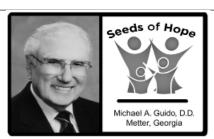
Beat cake mix, water, vegetable oil, and eggs in a mixing bowl using an electric mixer, on low speed until mixture is moistened, 30 seconds. Increase speed to medium and beat until batter is smooth, 2 more minutes. Fill prepared cupcake cups about 2/3 full with batter.

Bake cupcakes in the preheated oven until a toothpick inserted into a cupcake comes out clean, 18 to 23 minutes. Remove cupcakes from oven and turn oven heat up to 400 degrees F (205 degrees C). Let cupcakes cool.

Spread coconut into a large, shallow baking pan or onto a baking sheet; toast in the hot oven until coconut is golden brown, about 7 minutes. Cool.

Cut a piece out of the top of each cupcake to leave a hollow depression about 1/2 inch deep and 1 1/2 inches across. Discard cut-out portions. Frost cupcakes with chocolate frosting and cover frosting with toasted coconut. Place 3 eggshaped candies in the small depression on top of each cupcake.

All recipes are courtesy of AllRecipes.com



### Insensitive

Recently there was an article tucked away in a newspaper about a young girl in Georgia who feels no pain. She suffers from a rare congenital disease that affects the nervous system. She and other individuals who are born with congenital insensitivity must be carefully guarded. They must be taught that fire burns or that if they fall a bone might be broken or if they are struck in the head it may result in a concussion. It is frightening to think of having to live with no warning system to alert us to pain or sickness. It requires them to be under constant surveillance for their own protec-

There is another insensitivity, however, that is more serious – it is becoming insensitive to sin. Our minds become numb to the dangers of sin as we see degrading pictures of people improperly exposing themselves to attract attention to their sensuality. Or the constant stories of the happiness and pleasures that come from drinking alcoholic beverages. Then there are the endless stories about children being born out of wedlock to famous Hollywood celebrities and attractive pictures of them being praised and celebrated. Children, not old enough to understand God's plan for marriage, are taught that it is appropriate for families to have two moms or two dads. What was once identified as wrong is now right.

But thank God that His Spirit is alive and anxious to convict hearts and change lives. "Deliver us and forgive us our sins for Your name's sake," said the psalmist. If we awaken to the danger of sin and confess, God will forgive us.

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# Ag Development Fund moves to KDA

# Broadband bill awaits vote in Senate

As the Kentucky General Assembly continues its session, which ends March 30, bills affecting the state's agricultural industry are seeing movement.

Probably the most talked about ag legislation – Senate Bill 3 – has now become a law, which means the Kentucky Agricultural Development Fund will be moved from the governor's office to the Kentucky Department of Agriculture, something Commissioner Ryan Quarles says has been a longtime need.

The House and Senate passed the bill but Gov. Andy Beshear followed up with a veto on March 5. Beshear said that removing the governor's appointing authority and giving it to an inferior officer under the Kentucky Constitution was unconstitutional.

The Senate and House were able to easily override his veto due to the 3-1 majority held in both by Republicans.

Now that the back and forth is over, Quarles says it's time for a "smooth and steady transition" of the department to KDA. The new law will abolish the Kentucky Council on Agriculture and the Kentucky Tobacco Settlement Trust Corporation, with the Ag Development Board and Finance Corporation going to KDA.

The board was created more than two decades ago to distribute half of the monies the state receives from the Tobacco Master Settlement Agreement, which is used for ag diversification. It had been under the purview of the Governor's Office of Agricultural Policy since then.

Quarles calls the move a "reform whose time had come," and has maintained the idea has been a discussion in ag circles for years.

"With hundreds of millions of dollars invested over the lifetime of the fund, Kentucky agriculture has been transformed and it is more important than ever we continue to work together to make life better for Kentucky's farm families," Quarles said in a release.

He said his office is "committed to ensuring these changes are done in a way that does not disrupt the function of the boards," or any of the services staff has provided for past decades.

Sen. Paul Hornback, R-Shelbyville, was lead sponsor on the bill. Although the governor's office previously said the bill was "a political move," KDA says it had first been proposed during the Bevin Administration.

Kentucky Farm Bureau made its stance clear last year by adopting policy supporting the bill during its annual meeting.

"We support administration of Ag Development Funds be moved to the Kentucky Department of Agriculture and those funds be protected for use for pro-

grams that directly impact farm income," KFB's policy states.

### Connecting broadband service

House Bill 320, an act relating to the provision of broadband services and setting up a \$250 million appropriation to support the deployment fund, passed the House 91-4 in early March and is awaiting passage by the Senate.

KFB, along with USDA Rural Development, has worked behind the scenes pushing the initiative, which will also create a new section of KRS Chapter 278 to allow a distribution cooperative to facilitate the operation of an affiliate exclusively engaged in getting broadband service to unserved and underserved areas.

The move received even more attention over the last year, as the global COVID-19 pandemic highlighted the need for reliable internet.

Jeff Harper, KFB's director of public

SEE BROADBAND, PAGE 11



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# Broadband bill closer to passage

### **FROM PAGE 1**

affairs, previously said that spotty internet coverage had already greatly affected those in rural areas, from farmers to merchants and school students. A coalition was put together which originally resulted in the 2020 session's passage of HB 362, an act relating to the broadband deployment. The coalition includes telecom providers and rural electric cooperatives, along with county governments and city municipalities.

Last August, Harper said that the General Assembly "wisely chose" to do the one-year state budget instead of a traditional two-year plan, but said "we'll be back in January for some dollars to put into this deployment," which is outlined in the \$250 million appropriation bill.

Any funding that will be provided will be offered as a 50/50 cost share, something Harper said is critically important.

"Because, quite frankly, if you don't have some skin in the game ... it's harder to walk away from a project if you have 50 percent responsibility," Harper said last summer.

### Other ag-related bills:

- SB 93 The bill relates to the State Board of Agriculture and declaring an emergency. The bill would authorize the agriculture commissioner to appointed members to the State Board of Agriculture. The bill passed the Senate and House and has been sent to governor.
- HR 45 and SR 103 The resolution recognizes the establishment of the Kentucky Farm Bureau Generation

Bridge Program. Both have been adopted.

- HB 229 The act relates to the protection of livestock. The bill would change the word "cattle" to "livestock" in the definition of property for the purpose of criminal damage to property offenses. The bill has passed and headed to governor.
- HB 518 The bill relates to the State Fair Board, making an appropriation and declaring an emergency. The bill would change board makeup from 18 to 21 members, with 15 voting members and six ex-officio, non-voting members. It would also establish corporate powers to the state board, procurement procedures, and hiring and management procedures; and also authorize ad-

ministrative regulations for operation, maintenance and use of property. The bill passed and is headed to governor.

• HRJ 60 – The joint resolution directs the Department of Revenue and the University of Kentucky's Forestry and Natural Resources Department to recommend equitable property tax assessment procedures for well-managed forests. It would direct both departments to submit a report to the Legislative Research Committee no later than Dec. 1 detailing their recommendations. It was introduced in the House on Feb. 10 with no further action reported.

By Bobbie Curd Field reporter

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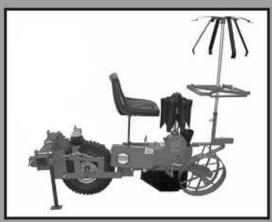






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# Why are there heavy metals in my food?

In February, a subcommittee of the U.S. House of Representatives Committee on Oversight and Reform released a staff report that confirmed several baby food companies had knowingly used food ingredients that contained "high" levels of toxic heavy metals in their products. The Subcommittee on Economic and Consumer Policy requested internal documents and test results from seven of the largest manufacturers of baby food in the United States in November 2019 following reports of alleged high levels of heavy metals. Four of those companies responded.

This report led to many media stories alerting the public to this food issue. Arsenic, lead, cadmium. and mercury in varying levels were found in either the ingredients or the finished product, if the test had been performed. The primary concern was that some of the results were multiple times higher than what the Food and Drug Administration allows for drinking water.

Aside from drinking water, the FDA has set only one standard in baby food products. Infant rice cereal may not exceed 100 parts per billion of arsenic. Since no other standards exist, companies may set internal standards for different products. Heavy metal amounts may vary depending upon how they will be mixed/diluted with other ingredients for the final product. Additional concern came from the fact that there were instances the responding companies used ingredients that exceeded their own internal

While farmers have no control on what happens to ingredients once they leave the farm, EngAGe Kentucky, a food production education program of the Kentucky Agriculture and Environment in the Classroom and the Kentucky Livestock Coalition, wanted to shed light on how heavy metals may enter foods as they are being grown and how it may be controlled. We talked with Dr. Mark Coyne, professor of plant and soil sciences and soil microbiology specialist, at the University of Kentucky to learn more.

### What is the source of heavy metals?

Heavy metals naturally occur in our environment and they enter our food supply because plants take them up as they grow.

According to Coyne, heavy metals can also build over time in food production systems from certain soil amendments. He said phosphorus fertilizers that are produced from rock, typically contain cadmium.

Covne also explained that soil amendments, such as animal waste and biosolids from wastewater treatment, may have high levels of heavy metals as well. Nutrition supplements and metals in both animal feed and human diets are often secreted from the



body. Municipal waste can have additional heavy metal levels because they are mixed with untreated water runoff from streets. Engine oils and metal residues from automobiles and other equipment can easily add to heavy metal content.

Another factor reported by the Food and Drug Administration was chemical residue from industrial mining and manufacturing can enter soils and water.

### Can heavy metals be reduced in foods?

Coyne said that regulation and testing for heavy metals can be done at both the farm and the processing plant, but it is ultimately up to the food manufacturer to manage the farm-to-product process.

"Companies can ensure that their food ingredients are being grown in soils with a minimum concentration of heavy metals, explained Coyne. "In Kentucky, an advanced soil test for heavy metals can be requested. If levels are high, the issue can be addressed by growing those ingredients in a different location."

According to the Hazardous Substance Research Center, other methods of reducing heavy metals include physical removal of the soil, stabilization of the heavy metals through chemical means so it is much less harmful, or by using plants to extract the heavy metals. This last method is known as phytoremediation. It is the most cost efficient method but may take several years.

Covne said farmers can have some control of addressing heavy metal contamination by requesting the more advanced soil tests and learning what they can about the soil amendments they use. Fertilizer and soil amendment companies may test their products for heavy metal content and having a trusted supplier of those products may be a good practice.

Food purchasing and consumption decisions can also be important. Since rice cereals have historically had higher arsenic levels since it absorbs it more readily than other crops, Gerber suggests on their website that parents provide their babies and children a varied diet to reduce overall exposure. They stress that this issue is not limited to commercial foods. Heavy metals may be present in food ingredients that are also grown organically and in backyard gardens.

An extension publication from Oregon State University specifically addressed how to control lead in produce, reporting that high concentrations would be limited to surfaces of leafy vegetables and root crops from soil residue. They said that growers should always wash their leafy vegetables, and consumers should always wash their produce before eating or cooking.

In providing specific information for safer practices, it is important to note that not all plants and food crops absorb heavy metals in the same

### How will heavy metals be regulated in the future?

Heavy metal presence in baby foods is of particular concern because of their effects on babies and children. Due to the subcommittee's findings, they have made the following recommenda-

Require mandatory testing of finished baby food for toxic heavy metals.

Require manufacturers to report levels of toxic heavy metals on food labels.

Ask manufacturers to find substitutes for ingredients or phase out products that frequently test high for toxic heavy metals.

FDA should set maximum levels of toxic heavy metals permitted in baby foods.

Parents/caregivers should avoid baby foods that contain ingredients testing high in toxic heavy metals. Instituting the first four recommendations will give parents the information they need to make informed decisions.

What are your thoughts?

In attempt to simplify the aspects of this issue, there is no doubt heavy metals in the food supply is complex. In class or with your peers discuss the issues and list other questions you have. Do you agree with the regulations presented? What additional information do you think is needed for regulations to be created? Which entities should be responsible for solving the problem? Additional reading resources have been provided at www.kyfoodandfarm.com/engage.

The articles and information in Pride in Agriculture Education page are provided by the Kentucky Agriculture and Environment in the Classroom. KyAEC and its members partner to bring agriculture learning to Ken-



tucky schools and youth organizations through educational programs, workshops, and curriculum

Learn more by visiting teachkyag.org or kyfoodandfarm.com

# Forages for flooded areas





White clover and fescue are tolerant of flooding. Silting can make first cuttings of hay dusty.

Devastating flooding has damaged pastures and hayfields in many areas of Kentucky. Damages range from dirt and silt to inches of sand left behind by the floodwaters. Debris such as limbs and trash are common. What are the forage options for situations like this? Here are a few ideas.

First, tall fescue and white clover are very tolerant of short flooding events and often come back 100 percent after these events. Watch fields closely to see if leaves are visible and to see how fast plants bounce back.

Some fields have been buried in sand along creeks and rivers; forages in these areas are often buried too deep to recover. Some cash hay growers are pushing the sand back to the field edges and using it to rebuild the protective berms along stream banks.

If removing the sand overburden is not possible, replanting will be necessary. For these situations, tall fescue is the practical solution. Tall fescue is the most widely adapted pasture grass in Kentucky and will grow well on sandy soils. Other short term options include annual ryegrass, spring oats and summer annuals. These options are outlined below.

Overseed tall fescue now with or without clover. Tall fescue will emerge better with some type of seed coverage, such as with a chain drag. Another option is to lightly disk prior to broadcasting the seed and then chain drag.

If soils are firm enough, a no till drill will also work. Regardless of method, make sure that seed is covered but not over ½ inch. If soils are really sandy then emergence from ¾ inch will likely be fine. The long term success of newly seeded fescue will depend on moderate temperatures and timely rains, at least until it gets a good root system. Orchardgrass can also be added this way.

For quick and guaranteed cover, choose annual ryegrass or spring oats or a mixture of the two. These forages will come up for sure though you will only get about 2 to 2.5 months from the oats and only about 3 to 4 months maximum from the annual ryegrass. Don't plant annual ryegrass anywhere that might be used to grow wheat for grain. Spring oats is the best bet for hay and will produce 1.5 to 2 tons per acre in 60 days.

Oats are also good for grazing. Higher yields come
SEE **FORAGES**, PAGE **15** 

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# kycornection

News from the Kentucky Corn Growers Association and Kentucky Corn Promotion Council

# Ethanol is the fastest growing corn market

ut we can never take it for granted. To that end, the Kentucky Corn Growers Association works with other state corn programs and National Corn Growers Association (NCGA) to identify the most powerful demand industries and opportunities for corn grind. The Kentucky Corn Promotion Council puts a lot of energy and effort into finding the best ways to invest farmers' corn checkoff resources - while, in Kentucky, livestock and poultry rule the day (with exports, or delivery to the Ohio River, closely trailing), nationally there is not a clearer avenue for growth in corn utilization than through ethanol.

With getting rid of that massive national pile of corn each year in mind, the Kentucky Corn Growers Association tackles legislative and regulatory barriers to a growing ethanol market. We work to make sure ethanol gets a level playing field as compared to other automotive fuels, liquid and otherwise. Ethanol has two major advantages for its use in passenger vehicles: 1) it has an extremely high-octane rating (about 116 octane), and 2) it scores a very low carbon intensity. If ethanol is going to get more space in the gas tank, it is going to win it with those two features. So, the Kentucky Corn Promotion Council works with farmer checkoff dollars to fine-tune the science that can demonstrate the benefits, and the Kentucky Corn Growers Association works to advance public policy around those two primary aspects of ethanol.

Of course, many new priorities come along with a new Presidential Administration, and it will take hard work and strong relationships to make sure that ethanol's contribution to decarbonization of the nation's fleet are considered as President Biden's cabinet works together to reduce auto emissions. And with the House and Senate recently gaveling in Session 1 of the 117th Congress, we have initiatives for corn farmers and ethanol production that are developing into legislative proposals. Pro-biofuels bills have been introduced in both the House and the Senate that we support and will encourage Kentucky's Congressional Delegation to co-sponsor.

### Adopt GREET Act

The Adopt GREET Act has been introduced as S. 193 by Senators John Thune, SD and Amy Klobuchar, MN. Congressman Dusty Johnson, SD has introduced it in the House, but it has not been assigned a bill number yet. This bill would require EPA to adopt the Greenhouse Gases, Regulated Emissions, and Energy Use in Transportation (GREET) model as a tool that examines the life cycle impacts of vehicle technologies, fuels, products, and energy systems. Developed and supported by the Department of Energy's Argonne National Laboratory, GREET offers a clear platform through which energy and vehicle producers, researchers, and regulators can evaluate energy and environmental effects of vehicle technologies and energy and product systems, including ethanol and biodiesel, on a level playing field.

Opportunities to increase ethanol use come from ensuring we're using an updated and accurate measurement of the emissions reduction benefits ethanol offers.

EPA's outdated 2010 assessment of ethanol projects ethanol would result in just 21 percent fewer GHG emissions than gasoline. The most recent GREET model shows today's average ethanol results in 41 percent fewer GHG emissions than gasoline. Regardless of what policies Congress or the Administration may consider related to energy and the environment, policymakers must rely on an updated and accurate measure of ethanol's lifecycle emissions. Requiring EPA to adopt the GREET model would help ensure we are using the best measuring stick to demonstrate the benefits of ethanol.

### Renewable Fuel Infrastructure Investment & Market Expansion Act

The Renewable Fuel Infrastructure Investment and Market Expansion Act would codify a grant program for the deployment of renewable fuel infrastructure and direct EPA to finalize proposed rules relating to requirements for E15 fuel dispenser labeling and underground storage tank compatibility. It has been introduced as H.R. 1542 by Reps. Cindy Axne, IA and Rodney Davis, IL; and S. 227 by Senators Amy Klobuchar, MN and Joni Ernst, IA.

### **Next Generation Fuels Act**

We have also begun to work with Congresswoman Cheri Bustos, IL to reintroduce the Next Generation Fuels Act in the 117th Congress. This bill, which was introduced in the 116th, would create a minimum threshold for octane – a priority that auto manufacturers insist is vital to producing the next generation of internal combustion engines. Ethanol



is the lowest-cost octane source on the planet, and it does not carry the environmental baggage of competing octane sources, like petroleum-based aromatics. Octane is needed to help automakers increase fuel efficiency to levels that will keep them compliant with their requirements under the Corporate Average Fuel Economy (CAFE) standards.

These are just a few examples of policy efforts that we are developing on corn farmers behalf, but none of these priorities will be achieved without grassroots engagement. We hope farmers will gain a solid understanding of these technologies and how they improve corn markets. Farmer-advocates move the needle. Be ready to advocate when the time is right. Kentucky staff and volunteer farmer leaders on the Kentucky Corn Growers Association board stand ready to assist. When advocating, knowledge is power; that is where the farmer checkoff investments through the Kentucky Corn Promotion Council come into play. The Council is made up of volunteer farmers as well and decisions to invest are keenly focused on the positive impact they will make to Kentucky corn farmers' bottom lines.

### www.kycorn.org

Contact Us: 800-326-0906

KyCGA President Richard Preston

KyCorn Promotion Council Chairman Ray Allan Mackey

Executive Director Laura Knoth - laura@kycorn.org

Programs Director Adam Andrews - adam@kycorn.org

Recent flooding has introduced silt and debris onto bottomland hay and pasture fields. Reclaiming these fields will take a variety of approaches.

# Forages for flooded areas

#### **FROM PAGE 13**

from early (mid-March) seedings. If you choose annual ryegrass, use an Italian type if possible.

Italian ryegrasses will produce few if any seedheads this summer: if the summer is mild then they can continue to grow into the fall. Feast II, Meroa and Tetraprime are Italian ryegrasses currently in UK variety tests. A good listing of Italian ryegrasses can be found in the 2020 Annual and Perennial Ryegrass and Festulolium report (Google 'PR786 UKY' then see Table 12). Marshall annual ryegrass is commonly available but will only provide cover until late May or early June at the latest because it makes a seed head and then dies.

Wait until May and seed a summer annual like sorghum sudangrass or crabgrass. Both will provide good summer growth. Crabgrass needs to be planted at 1/4 inch because of its small seed size. Sorghum sudangrass should be planted ½ to 1 inch deep.

These summer annuals could be followed with a perennial cool season grass in the fall. For more information on sorghum sudangrass or crabgrass see the following links:

http://www2.ca.ukv.edu/agcomm/pubs/AGR/AGR2 34/AGR234.pdf Sorghum sudangrass and sudangrass http://www2.ca.uky.edu/agcomm/pubs/AGR/AGR2 32/AGR232.pdf crabgrass

Whatever grass you seed, adding a moderate amount of nitrogen (40 to 60 lb of nitrogen per acre) will make a big difference. There is likely very little nitrogen available in these flooded fields.

In short, observe flooded fields for stand loss and replant cool season species as soon as possible to allow root development before the high temperatures of summer. Debris will need to be removed as well. Silt and dirt left by receding waters can lead to dusty hay.

If these fields are harvested as baleage, make sure to allow them to wilt to less than 60 percent moisture, bale tightly and wrap in six layers of plastic for best results. These practices will prevent secondary fermentation from the clostridial bacteria known to be in soil.

Happy foraging.



Thank you to those of you who have either renewed or, for the first time, joined the Kentucky Poultry Federation. We appreciate the support you give the Kentucky Poultry Federation and Kentucky's poultry industry.

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# Kentucky Poultry Federation scholarship

The Kentucky Poultry Federation is looking for graduating high school seniors (spring 2021) or students who are currently attending a college, university or technical training program to be recipients of the KPF scholarships. These students must have good character and determination to succeed.

Through the generosity of our membership, scholarships have been established to assist graduating high school students or students currently attending a college or university to continue their education.

These scholarships were created to benefit the children and grandchildren of our poultry complex employees, growers and allied members. The Kentucky Poultry Federation board of directors and members established this fund to help young students continue their academic careers or receive additional training in another area beyond high school. The Kentucky Poultry Federation will award four students \$2,000 scholarships each.

For consideration in the scholarship competition all application packets must be electronically submitted by June 30. No exceptions will be made. The application can be found online at www.kypoultry.org or you can email to receive a copy at jguffey@kypoultry.org.

# 2021 Ky. 4-H poultry contests

We are hoping the Kentucky 4-H Poultry program will be in full swing this summer. Different competitions will be held with the senior division winners representing Kentucky at the National 4-H Poultry and Egg Conference in November at the Kentucky State Fairgrounds in Louisville. The wide variety of activities provides opportunities for youth, no matter what their interest or ability.

The Kentucky 4-H Egg Demonstration Contest will be held on Saturday, July 31. The Egg Demonstration Contest will be held at the Madison County Extension Office in Richmond.

The first and second place individuals from each district competition are eligible to participate in the State competition. The competitors will prepare an egg dish while discussing the nutrition, functionality, and general knowledge of eggs.

The first place winner in the Junior Division will receive a blue ribbon and a \$25 check. The first place winner in the Senior Division will receive a blue ribbon, a \$50 check, and a \$300 scholarship to attend the national competition in November.

All prizes are sponsored by the Kentucky Egg Council. Registration is through your local county 4-H exten-

sion office.

The 4-H Turkey Barbecue contest and the 4-H Chicken Barbecue contest will be held July 31 at the Madison County Extension Office. There are junior and senior divisions in both the turkey and chicken barbecue contests.

The contestants are judged on their skill in starting and maintaining a fire, food safety, cooking skills, and of course, their finished product. The senior division winners in both contests will receive a \$300 scholarship from the Kentucky Poultry Federation to attend the National Competition in Louisville in November.

The Kentucky 4-H Poultry Judging Contest, T-shirt and Avian Bowl Contests will be held on the first Friday of the Kentucky State Fair, Aug. 20. Contestants can register online at the Kentucky State Fair website. Rules for both contests are posted on the 4-H website (www.ca.uky.edu/Agcollege/4H/projects\_events/state fair). Check with your local 4-H agent for the registration deadline and additional information.

For additional information on all poultry contest contact your local extension office or Dr. Tony Pescatore at 859-257-7529 or via e-mail at apescato@email.ukv.edu.



# Easter egg craft

Use wood, paper, or Styrofoam eggs from a craft store. Or blow the insides out of raw eggs.

To make blown eggshells for decorating, poke small holes in the top and bottom of a raw egg with a needle. Poke a

long needle or thin skewer inside to break the yolk. Hold the egg over a bowl and blow gently on the top hole until the raw egg drains into the bowl, or use an egg blower. Let the shells dry, and then decorate.

- •Glue gun and glue
- •Glitter, glitter pens
- •Small seashells
- Stickers
- Sequins and beads
- Felt and fabric scraps
- Raffia

- Buttons
- Ribbons
- Silk flowers
- Coloring gels
- Novelty items from a

craft store















diversified











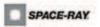














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18 | MARCH 18, 2021 THE FARMER'S PRIDE 270-384-9454



# Garlic-Herb Roasted Chicken

If you want to try something different than the traditional Easter ham, this chicken dish makes a beautiful presentation. It's also a great dish to serve for Sunday supper.

- 3 garlic cloves, minced.
- 2 teaspoons chopped fresh thyme.
- 2 teaspoons chopped fresh rosemary.
- 2 teaspoons chopped fresh parsley.

Preheat oven to 450°. Stir together first 7 ingredients.

If applicable, remove giblets from chicken, and reserve for another use. Rinse chicken, and pat dry. Gently loosen and lift skin from breast and drumsticks with fingers. (Do not totally detach skin.) Rub herb mixture evenly underneath skin. Carefully replace skin. Place chicken, breast side up, on a

- 1 teaspoon chopped fresh sage.
- 1 teaspoon salt
- 3/4 teaspoon freshly ground pepper
- 1 (4- to 5-lb.) whole chicken

lightly greased wire rack in a lightly greased shallow roasting pan.

Bake at 450° for 30 minutes. Reduce heat to 350° and bake 45 minutes or until a meat thermometer inserted in thigh registers 180°, covering loosely with aluminum foil to prevent excessive browning, if necessary. Let chicken stand, covered, 10 minutes before slicing.

# Easy Bunny dressed eggs

Create these adorable Easy Bunny Dressed Eggs for your next Easter or spring-themed gathering! Enjoy decorating with radishes, olives and chives for the cutest Easy Bunny Dressed Eggs you've ever seen. Make these in only 30 minutes and enjoy to the max.

- 1 doz. hard cooked eggs
- 4 oz. (1/2 of 8-oz. pkg.) PHILADEL-PHIA Cream Cheese, softened
- 1/2 cup KRAFT Real Mayo Mayonnaise
  - 1 Tbsp. HEINZ Yellow Mustard

Cut eggs lengthwise in half. Remove yolks, place in medium bowl. Add cream cheese, mayo, mustard, and onion powder; beat with mixer until blended. Spoon yolk mixture into egg whites. Cut both ends off each radish; cut into 24

- 1/8 tsp. onion powder
- 4 large radishes
- 3 pitted black olives, each cut into 16 small pieces.
- 12 fresh chives, cut into 1-inch lengths.

small pieces for the bunnies' noses. Cut each of the trimmed radishes into 6 lengthwise slices, then cut each slice crosswise in half for the bunnies' ears. Decorate eggs with radishes, olives and chives as shown in photo.

high heat just to l

Remove from burner. Cover pan. Let eggs stand in hot water about 15 minutes for large eggs (12 minutes for

medium eggs; 18 minutes for extra-large eggs).

Drain immediately. Cool completely under cold running water or in bowl of

ice water, then refrigerate.

Hard-boiled eggs are easiest to peel right after cooling. Cooling causes the egg to contract slightly in the shell.



To hard-boil eggs:

Place eggs in saucepan large enough to hold them in single layer. Add cold water to cover eggs by 1 inch. heat over high heat just to boiling.

# Nominations open for next Family Farm Excellence Award

The Kentucky Poultry Federation and U.S. POULTRY & EGG ASSO-CIATION are looking for the next Family Farm Environmental Excellence award winner. This could be you! Start working on your application today. Winners will receive \$500 and overnight accommodations during the Kentucky Poultry Federation festival that will be held in Lexington in October.

### APPLICATION RULES AND INSTRUCTIONS

- 1. Entries by Aug. 31, 2021.
- 2. A family farm may be selected as an award recipient from up to six regions. Although states are typically divided into various regions as indicated below, regional divisions may be adjusted slightly to accommodate for a disparity in number of applications received on a state-by-state basis. Southeast: Kentucky
- 3. Previous winners must wait three years before resubmitting an application. (e.g., If a family farm wins the award in 2020, the family farm can apply again for the 2023 award.)
- 4. Application and should be submitted to: Jamie Guffey, KY Poultry Federation, jguffey@kypoultry.org
- 5. Award winners must be willing to allow the KY Poultry Federation and US POULTRY to feature the award winner on its web site and publicize the winning entry in the local/regional/national media. Award winners will have the opportunity to review any publicity release.
- 6. The application package consists of two parts. The first part consists of a general information questionnaire about the family farm and its environmental management techniques. The second part consists of a series of essay questions to which the applicant should respond in a report type format. Photographs, tables, etc., supporting answers to the essay questions should be incorporated directly into the report. Additionally, a facility may include, in an appendix, up to 10 additional pages of pertinent information.
- 7. Questions? Please contact Jamie Guffey at 270-404-2277, email at jguffey@kypoultry.org or Dr. Tony Pescatore 859-257-7529 email at apescato@uky.edu





# Today's Eggs

are an important source of

- Protein
- Vitamin A
- Riboflavin
- Folacin
- Vitamin B<sub>12</sub>
  - Iron
  - Zinc
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W.

# Soybeans are a leading grain crop in Kentucky.

- Soybeans are grown on more than 1.7 million acres in Kentucky. An acre is
  just a little bit smaller than a football field.
- Soybean meal is used to feed poultry and livestock because of its high protein content.
- Soy Biodiesel is made from soybean oil. As demand for soy biodiesel rises, more oil is needed. The rise in demand for oil increases the amount of soybean meal available. And, farmers see a 63 cent per bushel increase in the price they receive for their crop because of soy biodiesel.
- Soybeans are a high value U.S. agricultural export.
  More than 50 percent of soy grown in the United
  States last year was exported, and that is why soybean farmers are so excited about the dredging
  project underway in the Lower Mississippi River.
  This project will add 13 cents to the price that
  farmers will receive per bushel of soybeans.





# BLUE GRASS LIVESTOCK MARKETING GROUP



Blue Grass Stockyards - Lexington 375 Lisle Industrial Dr. • Lexington, Ky. 1-800-621-3972

Blue Grass Stockyards – East 348 K. Street • Richmond, Ky. 859-623-1280

Blue Grass Stockyards of Richmond, LLC 348 K. Street • Richmond, Ky. 859-623-1280

Blue Grass Stockyards of Albany 1274 Hwy. 90 West • Albany, Ky. 606-387-4681 Campbellsville, LLC 265 Airport Rd. • Campbellsville, Ky. 270-465-4051

Blue Grass of

Blue Grass South Livestock Market, LLC 277 Cordier Ln. • Stanford, Ky. 606-365-0665

Blue Grass Stockyards of Maysville 7124 AA Hwy. East • Maysville, Ky. 606-759-7280

www.bgstockyards.com



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HaleyAuctionsAndRealty.com

### AUCTION/MARKET

#### Blue Grass South

Stanford, KY March 4, 2021

41 hd. 546# 154.00 blk 29 hd. 599# 155.50 blk

20 hd. 610# 150.75 blk

45 hd. 616# 147.25 blk-charx

72 hd. 690# 138.25 blk

40 hd. 724# 135.00 blk

48 hd. 737# 131.25 blk-charx

65 hd. 816# 125.90 charx

40 hd. 845# 122.25 charx 61 hd. 845# 128.75 blk

62 hd. 849# 128.00 blk-charx

58 hd. 928# 124.80 blk

Feeder Heifers: Medium & Large 1-2

24 hd. 583# 130.25 blk 53 hd. 613# 126.25 charx

38 hd. 633# 135.75 blk-red

57 hd. 634# 128.50 blk

183 hd. 677# 129.10 blk-charx

74 hd. 691# 129.90 blk-charx

68 hd. 790# 116.35 blk-charx 48 hd. 795# 117.00 charx

40 hd. 837# 114.60 charx

### Mid-KY Livestock Market

Upton, KY March 2, 2021

Feeder Steers: Medium & Large 1-2

26 hd. 558# 157.50 blk

20 hd. 652# 141.00 blk 59 hd. 682# 136.25 mixed

Feeder Heifers: Medium & Large 1-2

69 hd. 758# 121.30 blk

### Blue Grass of Albany

Albany, KY March 3, 2021

Feeder Steers: Medium & Large 1-2

47 hd. 710# 131.75 blk

Feeder Heifers: Medium & Large 1-2

21 hd. 539# 130.75 blk 54 hd. 643# 127.90 blk

### Christian Co. Livestock Auction

Hopkinsville, KY March 3, 2021

Feeder Steers: Medium & Large 1-2 Feeder Steers: Medium & Large 1-2

62 hd. 800# 124.75 blk 62 hd. 825# 124.25 blk

62 hd. 825# 126.25 blk

62 hd. 825# 124.00 blk

60 hd. 840# 124.75 blk

Feeder Heifers: Medium & Large 1-2

70 hd. 725# 121.25 blk

140 hd. 750# 120.00 blk

### **KY-TN Livestock Auction**

Guthrie, KY March 4, 2021

Feeder Steers: Medium & Large 1-2

61 hd. 807# 128.10 blk 58 hd. 859# 124.10 blk

Feeder Bulls: Medium & Large 1-2

22 hd. 488# 149.00 bbwf

Feeder Heifers: Medium & Large 1-2

25 hd. 452# 143.00 bbwf 21 hd. 460# 144.50 blk

22 hd. 489# 142.00 bbwf

70 hd. 733# 124.50 blk

### United Producers Owenton

Owenton, KY March 3, 2021

Feeder Steers: Medium & Large 1-2

58 hd. 867# 121.25 mixed

### Blue Grass Maysville

Maysville, KY March 2, 2021

Feeder Steers: Medium & Large 1-2

Paul Playforth, Sale Manager

800-435-5454 • (859) 583-7788

23 hd. 381# 188.00 blk

142 hd. 607# 151.85 blk-charx

# ABSOLUTE LIVE/ONLINE AUCTION

134 ACRES IN TRACTS & FARM MACHINERY

SATURDAY, APRIL 3RD @ 10:30 A.M.

2175 HWY. 590 • STANFORD, KY

PREVIEW: Thursday, March 18 from 3-6 p.m. and Saturday, March 27 from 10 a.m – 1p.m.

For more information and to bid: fordbrothersinc.com



Blue Grass East

Mt. Sterling, KY March 3, 2021

Feeder Steers: Medium & Large 1-2

21 hd. 570# 146.00 blk

71 hd. 666# 134.25 blk-charx

40 hd. 678# 137.95 blk-charx

44 hd. 778# 125.75 blk-charx

67 hd. 784# 124.00 blk-charx

Feeder Heifers: Medium & Large 1-2

38 hd. 463# 150.00 blk

45 hd. 566# 131.00 mixed

85 hd. 642# 133.75 blk-charx

84 hd. 669# 129.90 blk-mixed

22 hd. 699# 125.00 mixed

Blue Grass Stockyards

Lexington, KY

March 1 & 2, 2021

Feeder Steers: Medium & Large 1-2

20 hd. 518# 164.25 blk

89 hd. 635# 148.10 blk-mixed

39 hd. 688# 140.00 blk

80 hd. 723# 136.00 blk-mixed

33 hd. 731# 127.75 blk

65 hd. 847# 128.85 blk

Feeder Heifers: Medium & Large 1-2

40 hd. 634# 126.75 blk-charx

45 hd. 673# 125.75 blk

26 hd. 683# 123.75 blk

67 hd. 824# 124.90 blk

61 hd. 941# 115.00 blk

# KUrtz

### **CALENDER OF AUCTIONS**

Newly built 2 Br, 1 1/2 Ba Brick Home - at 411 Legion Blvd, Owensboro, KY. Selling Tues. March 30th, 5 PM - David Hawes, Auctioneer

Vinyl sided, 2 Br, 1 Ba Home - at 2025 Sunset Dr., Owensboro, KY. Selling Tues. March 30th, 6 PM - David Hawes, Auctioneer

80 AC w/77 acres of cropland - in Iroquois Co., IL NE of Hoopeston. Selling Thurs. April 1st, 1 PM. - John Kurtz, Auctioneer

334 AC, 35% cropland - 3 Br, 2 Ba Home, 4 tracts - on HWY 271 & 334

Hawesville, KY. Selling Tues., April 13th, 10 AM - Joseph Mills, Auctioneer Commercial building w/ 2,600 sq. ft. - at 1415 East Parrish Ave. Owensboro.

KY. Selling Wed. April 14th, 10 AM - Jason Blue, Auctioneer

459 AC, 350 AC pasture land w/homes & barns - in the Olaton Community

3 Br., 2 Ba. frame home on 5 acres & household - on HWY 1207 at Utica, KY. Selling Fri. April 16th, 10 AM - Joseph Mills, Auctioneer

48 AC of almost all cropland - on Smith-Denton Rd. east of Henderson, KY. Selling Tues. April 20th, 10 AM - Joseph Mills, Auctioneer

east of Hartford, KY. Selling Thurs. April 15th, 10 AM - Jim Goetz, Auctioneer

3 Br., 1 Ba brick home & pole barn on 12.8 acres & household - at 9828 Oak St. Utica, KY. Selling Thurs. April 22nd, 10 AM - Clay Taylor, Auctioneer

25 Acres, pole barn, home & household - at 1805 ville Hill Rd., Beaver Dam, KY. Date to be set. - Clay Taylor, Auctioneer

Full information and pictures at kurtzauction.com approx. 20 daysprior to the auction date.

To set a date for the sale of your property, call any of the experienced staff at:

800-264-1204 kurtzauction.com



### AUCTION/MARK!

**KENTUCKY GRAIN PRICES** 

LOUISVILLE AREA: Louisville & Bagdad; <u>PENNYRILE AREA</u>: Allensville, Auburn, Franklin, Hopkinsville & Pembroke; <u>BLUEGRASS AREA</u>: Bardstown, Lexington & Winchester; <u>GREEN RIVER</u>: Caneyville & Livermore; <u>NORTHERN KENTUCKY AREA</u>: Silver Grove at Cincinnati; <u>PURCHASE AREA</u>: Clinton & Mayfield. Opening bids at elevators and processing plants.

03/05/2021 4:00 pm est Bids for next day Cash Bids	Louisville	Pennyrile	Purchase	Bluegrass	Green River	Northern KY
Corn #2 Yellow Corn #2 White	5.72-5.86	5.56-5.61	5.66-5.71 5.86-5.87	5.26	5.71	5.76
Soybeans #1 Y Wheat #2 SRW Barley	13.95 6.32	14.10-14.25 6.58-6.63	14.43-14.57 NA	14.00 NA	14.40 NA	14.52 NA
New Crop Delivery Contract	1					
Corn #2 Yellow Corn #2 White	4.63	4.62-4.72	4.67-4.80 4.87-4.92	4.57	4.74	4.67
Soybeans #1 Y Wheat #2 SRW Barley	11.94 NA	12.22-12.37 6.08-6.23	12.59-12.60 6.43-6.50	12.02 6.18	12.37 6.28	12.53 6.46

Eastern Cornbelt Ethanol Plant Report 03/05/2021 Indiana Ohio Illinois

Yellow Corn Spot Bid 5.23-5.63

Dried Distillers Grain (\$/ton) 10% moisture 230.00-248.00

Modified Wet Distillers (\$/ton) 50-55% moisture 115.00

Kentucky Weekly Cattle Receipts as reported at local markets:			
02/06/21	12,582		
02/13/21	8,531		
02/27/21	22,236		
03/06/21	22,267		

Weekly Feed Ingredient Price Wholesale prices, \$ per ton Rail or Truck FOB Location	Owensboro Grain 03/08/2021	Commonwealth Agri-Energy Hopkinsville 03/08/2021	St. Louis Weekly Feed Prices 03/02/2021	Memphis Weekly Feed Report 03/02/2021	Corn Belt Feedstuffs Report 03/02/2021	Daily Direct Hog Prices LM_HG218 02/05/2021 Barrows & Gilts Receipts: 12,464 Base Price: \$75.00-	FOR DAILY LIVESTOCK AND GRAIN MARKET REPORTS
Soybean Meal 48% Sol Soybean Hulls	444.30 175.00		458.00-463.00 —	441.70-446.70 155.00	428.30-438.30	\$89.00	REPORTS
Corn Distillers Grain Dried Distillers Grain Modified		242.00 138.00	=		233.00-255.00	Wt. Avg. \$85.73	CALL FARMLOT
Distillers Grain Wet Corn Condensed Solubles Corn Gluten Feed 20-21 pct		85.00 NA				Compared to prior day, wt. avg. base	4 000 007
Corn Gluten Meal 60 pct Cottonseed Meal 41 pct			735.00 NA	460.00	675.00-700.00	prices were 2.46 higher.	1-800-327- 6568
Whole Cottonseed Wheat Middlings		=	195.00-205.00	330.00		5 Day Rolling Average: \$82.26	1-502-573- 0553



# Bluegrass Stockyards of Richmond, LLC

348 K. Street · Richmond, Ky.



# CATTLE SALE

**Every Friday** at 9:30 a.m.

# GOAT SALE





For additional information, call Jim Dause at (859) 623-5167 or (859) 314-7211

BLUEGRASS STOCKYARDS OF RICHMOND, LLC Ph. (859) 623-1280 • Fax (859) 623-1258

### **Loretto Grain**

# **Buying and Contracting Grain**

as of 3-19-2021

Wheat:		<b>Basis</b>	Option Month	<u>Futures</u>
June/July 2021	\$6.32	-0.15	WN1	\$6.170
Aug. 2021	\$6.32	-0.15	WU1	\$6.170
June/July 2022	\$6.23	-0.30	WN1	\$5.930
Corn:		<b>Basis</b>		
Corn: April 21	\$5.39	<u>Basis</u> .00	CZ0	\$5.39
	\$5.39 \$5.29		CZ0 CH1	\$5.39 \$5.29



Current bids are on our website at peterson-farms.com

> **Deborah Gillis** 270-699-0792 **Brent Hupman** 502-827-3344

### **AUCTION/MARKET**

Compared to last week, feeder steers and heifers were mostly 3.00-4.00 higher with good demand. Buyers showed the best interest in long-weaned (45+ days), preconditioned cattle. Slaughter cows and bulls were mostly steady to 2.00 lower.

This Week 174.37 170.79 162.37 153.32 149.27 138.72 133.55	Prior Week 174.00 165.34 160.14 149.58 147.66 139.97 135.90	Last Year 167.75 165.40 161.59 150.86 148.73 141.56
170.79 162.37 153.32 149.27 138.72 133.55	165.34 160.14 149.58 147.66 139.97	165.40 161.59 150.86 148.73 141.56
162.37 153.32 149.27 138.72 133.55	160.14 149.58 147.66 139.97	161.59 150.86 148.73 141.56
153.32 149.27 138.72 133.55	149.58 147.66 139.97	150.86 148.73 141.56
149,27 138,72 133,55	147.66 139.97	148.73 141.56
138.72 133.55	139.97	141.56
133.55		
	135.90	127.07
127.29		137.06
147.36	127.94	131.03
125.57	126.64	131.78
121.12	125.14	123.46
117.81	121.76	126.72
147.61	142.57	136.58
144.18	143.44	142.08
142.69	138.89	138.35
137.60	136.17	137.17
133.24	132.22	131.53
128.73	126.32	129.72
121.96	124.63	120.20
118.32	119.86	118.46
112.98	119.86	112.97
113.76	116.18	107.08
	127.38 125.57 121.12 117.81 147.61 144.18 142.69 137.60 133.24 128.73 121.96 118.32 112.98	127.38     127.94       125.57     126.64       121.12     125.14       117.81     121.76       147.61     142.57       144.18     143.44       142.69     138.89       137.60     136.17       133.24     132.22       128.73     126.32       121.96     124.63       118.32     119.86       112.98     119.86

### WEELKY COW SUMMARY

Slaughter Cows	<u>Average</u>	<u>High</u>	Low
Breakers	50.50-67.50	58.00-71.00	45.00-57.00
Boners	42.00-68.00	55.00-75.50	35.00-59.50
1.ean	35.50-61.00	50.00-71.00	28.50-54.00
Slaughter Bulls	<u>Average</u>	<u>High</u>	Low
Yield Grade 1&2	75.00-99.00	92.00-108.50	64.00-86.00

### February 25, 2021

### Bowling Green, KY

### SLAUGHTER GOATS: 110

Kids-Selection 1 45 lbs 390.00. Kids-Selection 1-2 50 lbs 400.00.

Kids-Selection 2 45 lbs 320.00; 50 lbs 365.00-370.00; 63 lbs 400.00; 78 lbs 330.00.

### SLAUGHTER SHEEP: 306

Wooled-Choice and Prime 1-2 55 lbs 380.00; 68 lbs 350.00; 85 lbs 310.00.

Choice 2 100 lbs 200.00. Hair Breeds-Choice and Prime 1-2 48 lbs 380.00; 52 lbs 345.00-360.00; 66-69 lbs 370.00-375.00; 85-88 lbs 300.00-320.00.

Choice 2 53 lbs 330.00; 74 lbs 310.00; 125 lbs 200.00.

View Full Grain Report			
GRAINS	This Week	Prior Week	Last Year
Corn	5.13-5.99	5.31-5.94	3.67-4.10
Soybeans	13.63-14.62	13.50-14.54	8.44-9.27
Red Winter Wheat	6.19-6.76	6.30-7.20	4.98-5.57

# HERITAGE FARM

SPRING BULL SALE

Tuesday evening, March 30, 2021, 6:30 PM Held at Heritage Farm 1024 Hinkle Lane, Shelbyville, KY 40065

Bulls will be available for viewing beginning Saturday, March 27th until sale time.

30 bulls sell!

We will keep your bull, if you prefer, until May 1st and will offer free delivery on those bulls within 200 miles – There will be a \$100.00 discount if you pick your bull up the week of the sale!

A complimentary meal will be served beginning at 5PM.

All Heritage bulls are 100% guaranteed through the first breeding season.

Several sons of breed leading AI sires selling, including sons of this heavily used AI sire, Deer Valley Growth Fund



Included this year will be bulls from these guest consignors:

Aviator Angus, Salvisa, KY

Sycamore Meadows Farm, Shelbyville, KY Tricklin Creek Farm, Harrodsburg, KY

Heritage Farm • Tom McGinnis • 502-655-0164 1024 Hinkle Lane • Shelbyville, Kentucky



To request a sale book email rlong@rancelong.com or call 918-510-3464 or 502-655-0164

of trimmings, and 11 loads of ground beef. Choice/Select Spread 10.48

### AUCTION/MARKET

Blue Grass Stockyards

Lexington, KY March 1 & 2, 2021

Feeder Steers: Medium & Large 1-2

20 hd. 518# 164.25 blk

89 hd. 635# 148.10 blk-mixed

39 hd. 688# 140.00 blk

80 hd. 723# 136.00 blk-mixed

33 hd. 731# 127.75 blk

65 hd. 847# 128.85 blk

Feeder Heifers: Medium & Large 1-2

40 hd. 634# 126.75 blk-charx

45 hd. 673# 125.75 blk

26 hd. 683# 123.75 blk

67 hd. 824# 124.90 blk

61 hd. 941# 115.00 blk

### Russell County Stockyards

Russell Springs, KY

March 3, 2021

Feeder Steers: Medium & Large 1-2

31 hd. 563# 158.75 blk

42 hd. 709# 134.75 blk-charx

Feeder Heifers: Medium & Large 1-2 35 hd. 623# 125.35 blk

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lbs carcasses down 2.55 at 231.33; Select 1-3 600-900 lbs carcasses down 0.83 at 220.85; based on 67 loads of choice cuts, 18 loads of select cuts, 16 loads

> **Upcoming Special** Sales

### Monthly Cow Sale—Friday, March 19, 2021—6:30 PM

25 middle aged cows, few with calves—Estate Sale 80 cows, 20 with calves 15 cows with calves 25 young to middle aged black cows, due to calve spring 15 first calf heifers, calving spring

### Long Hall Cattle Bull Sale—Friday, April 2, 2021—6:30 PM

Charolais—Limousin—Hereford—Red Angus 15 Breeding Age Multi-breed Bulls—All registered with papers available Semen Tested—Turn Out Ready—Calving Ease—Docile—Polled Clint Hall 606-782-1981

### Cow Sale to Follow

50 cows, 25 with calves, good set of young to middle-age cows—Herd Dispersal 40 bred cows, Angus/Charx

### Hord Charolais Sale—Monthly Cow Sale—Friday, April 16, 2021—6:30 PM

Quality Charolais Bulls & Heifers **Bulls Semen Checked & Heifers Pelvic Measured** 

Driving & Work Horse Sale—Friday, April 23, 2021—6:30 PM Riding Horse Sale—Saturday, April 24, 2021—12:30 PM

Monthly Cow Sale—Friday, May 21, 2021—6:30 PM

Driving & Work Horse Sale—Friday, May 28, 2021—6:30 PM Riding Horse Sale—Saturday, May 29, 2021—12:30 PM

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