

# THE MARKET BULLETIN

“TELLING THE STORY OF WEST VIRGINIA AGRICULTURE”

KENT A. LEONHARDT, COMMISSIONER

[www.agriculture.wv.gov](http://www.agriculture.wv.gov)

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## FFA, 4-H Go Virtual During Pandemic

Back in early March, things were on schedule for West Virginia's FFA chapters and 4-H clubs. FFA members were in the midst of their annual Ham, Bacon and Egg Shows and Sales and 4-H clubs were meeting on a regular basis. Then along came COVID-19. By mid-March, under the governor's orders, schools went to on-line learning and extracurricular activities were cancelled indefinitely.

Within a few weeks, things like the annual FFA convention and the summer 4-H camping season were cancelled.

Jocelyn Crawford, the 4-H agent for WVU Extension Service in Kanawha County, said it was done out of an abundance of caution.

"WVU was very quick to make sure that all the safety precautions that were necessary were taken. In May, the decision was made for us to not do any camping programming this summer. Of course, to me, my favorite thing about 4-H is camping, and I know that's how it is for a lot of kids all over the state. But you know, it's one of the necessary things that you have to do to make sure that you're keeping the greater community and greater society at large safe," stressed Crawford.

Nathan Taylor, state FFA advisor, said he knew pretty early on that the annual FFA summer convention, set for July 8-11, would not take place either.

"There was the initial shock and disbelief whenever things started breaking and things started getting cancelled. In April is when we made the decision, we weren't going to hold an in-person convention," Taylor said.

But despite the cancellations for both groups, they knew they had to move on and offer some sort of programming, albeit virtually.

"Our FFA state officer team from last year sat down and reviewed what we do within our convention sessions and condensed them from six sessions down to three," explained Taylor. "The officers then recorded those sessions on cell phones, tablets and video cameras. We took those recordings and uploaded them to the cloud space. It was pretty interesting to see how it all came together."

Instead of 500 to 600 FFA members packed into a conference space at Cedar Lakes, FFA members were able to log on via a device of their choosing and watch the action unfold virtually from home.

"In our business session, we had 163 voting delegates from members all over the state of West Virginia logged on. On a typical year, if we were to host an in-person convention, we'd have 185-190 voting delegates. It's pretty remarkable to see those kinds of

numbers for that event," said Taylor.

Meanwhile, 4-H resumed their club meetings virtually using a new tool.

"In January of this year, no one knew what Zoom was, and now Zoom is the most popular thing, right? There are clubs that are getting to-

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– Nathan Taylor  
State FFA Advisor



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**"We're doing a mixture of online camping experiences through Zoom with things like classes and assemblies and we're also sending things home, especially to kids who don't have high-quality internet access. One of my colleagues who lives in Pocahontas County said about 30 percent of her kids don't have internet access. So, she's been adapting their camping program to sending home a box full of activities and stuff for the kids to do so they can still experience that week of camp."**

– Jocelyn Crawford  
4-H agent for WVU Extension  
Service in Kanawha County



gether and have been meeting through Zoom."

The biggest challenge for 4-H, according to Crawford, was how to handle summer camping.

"We're doing a mixture of online camping experiences through Zoom with things like classes and assemblies, and we're also sending things home, especially to kids who don't have high-quality internet access," said Crawford. "One of my colleagues who lives in Pocahontas County said about 30 percent of her kids don't have internet access. So, she's been adapting their camping program to sending home a box full of activities and stuff for the kids to do so they can still experience that week of camp."

Another annual rite of passage, livestock shows, were also impacted by COVID-19 when fairs and festivals were cancelled.

"Some kids [both FFA and 4-H] were able to show their animals at jackpot shows before the governor's order cancelling fairs and festivals. Some counties held reduced capacity shows where it may only have been the exhibitors and their parents who were present because of social distancing concerns. Others held virtual shows," explained Taylor. "In Pleasants County, instead of having everybody come to one place, they're going to the exhibitors the week before the fair would have taken place and getting photographs of the animals from different profiles. That way the judges will have six to eight high quality photos to judge from. In Marshall County, they created a Facebook group for the Youth Livestock Show. They were doing Facebook live feeds with each exhibitor for all their livestock shows. We've got a lot of people utilizing technology as best as they can!"

As for what the future holds for both FFA and 4-H, it's still a work in progress.

"We have our FFA career development events every September and December at WVU. Our September event had to be cancelled. Our fall leadership conference was slated to be held the first week of October, obviously that's not going to be an in-person event," said Taylor. "So, we're looking at trying to identify four or five virtual delivery methods to hold those events."

As for 4-H, Crawford says there's no set timeline to get "back to normal."

"That's the biggest question I get, and it's the hardest to answer because we're not sure when things will be back to the way they were. However, people can expect that 4-H will continue to do programming for youth and communities as they have before. It may not look the same, but we're still going to be out there providing programming."

# Weather Data Important to West Virginia Agriculture

Long hours, hard work and plenty of regulations farmers/and those who produce our agriculture commodities have some of the toughest and more important jobs in the world. The source of a lot of that unpredictability falls to Mother Nature. From droughts to floods, extreme weather conditions can destroy a whole season's worth of crops and spell the end of a farm operation. With recent dry weather patterns in some parts of West Virginia, it is clear we need more enhanced monitoring systems to identify these types of weather. Through innovative technology, partnerships and a little buy-in from the farmer, the Mountain State will be better able to predict these weather patterns. With that knowledge in hand, we can more accurately help farmers determine ideal conditions to grow their businesses leading to resiliency within our food system.

Any data we can collect is important to West Virginia, but what makes our state unique is the abundance of terrain that causes microclimates that can produce weather extremes. Even locally, hills and valleys can bring different impacts from the same weather pattern. I am sure everyone has experienced isolated rain showers that seem to dissipate once they change elevation. Analyzing this data can help farmers make better decisions on when and where to plant crops and even what varieties to plant. By removing the uncertainty weather can

create, our producers can make smarter decisions leading to economic development within our agricultural sectors.

Data can help our producers locally make better choices, but it can also help the state make the case for federal disaster assistance after a major storm. Being able to pinpoint what exactly happened during these weather phenomena can help agencies like the USDA Farm Service Agency determine where assistance should arrive. It is also helpful when asking the Governor to declare a weather-related disaster for certain areas of the state. Being able to quickly respond during emergencies is crucial to the recovery that must occur once the storm has passed.

In order to understand localized weather patterns, several groups are working to enhance weather data across West Virginia. Organizations such as Rainfall Observers take daily observations of high and low temperatures and the amounts of rain and snowfall. This group records data every day at approximately 7 a.m., seven days a week, 365 days a year. The goal is to have one co-op observer in each county. Despite their best efforts, there is a need for observers in Barbour, Cabell, Clay, Hardy, Jefferson, Lincoln, McDowell, Mingo and Randolph Counties. These dedicated weather watchers need help from folks that are willing to help collect and

share weather data.

Simply, data matters. Many of us can recall the June 2016 flood that brought horrific damage to our state. Much of that storm was localized as massive amounts of rainfall were deposited in some of our narrow valleys and streams leading to a catastrophic overload within our waterways. If we had enhanced weather data, we could have better predicted and understood storms like the 2016 flood. With increased notice, we could have provided warnings about the volume of water flowing to downstream areas. More data would have not prevented the storm, but would have aided our response to communities that were devastated in its wake. If we are to soften the blow of future disasters, we need more folks to participate in monitoring programs, as well as additional resources from our governments to invest in the technology necessary.

For more information: <https://www.cocorahs.org/> or <https://www.noaa.gov/>



Kent Leonhardt, Commissioner of Agriculture

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## Understanding FSMA Produce Safety Rules – The Agricultural Water Rule (Part 2 – Testing Criteria for Production Water)

As with the last set of food safety articles, we will continue to simplify some of the 'seemingly complex' food safety requirements under the FDA's Food Safety Modernization Act (FSMA) Produce Safety Rule (PSR), to help raise awareness of and encourage action in managing food safety risks. These articles are meant to help you to be more proactive rather than reactive by focusing on high-risk food safety areas and identifying hazards within your individual operations. Again, we remind you that these articles do not replace attending a food safety training course to learn about the 'whole-farm' approach to managing food safety risks. These trainings are available in WV through the WV Food Safety Training Team.

This article is the second of a three-part series focusing on agricultural water and food safety risks – Subpart E of the FSMA PSR. In the first part of this series we did last month, we discussed whether you have to comply with the requirements of the Agricultural Water Rule under the PSR. We indicated that at present, the FDA is reviewing the Agricultural Water Rule, and new guidance will be released in the near future. Until then, no farmers are subject to the agricultural water provisions of the PSR. That being said, we also discussed that it is a good idea to 'get a feel' for the quality of your production water (water used in growing, harvesting, packing and holding covered produce) to allow you time to invest in water quality management to meet buyer requirements or as part of a third party audit.

The only objective way to assess your water quality is through microbiological testing for fecal contamination. Controlling fecal contamination is one key to minimizing produce safety issues, and the test for generic E. coli indicates fecal contamination without the cost of testing for all microbial human pathogens. The requirement for agricultural water used during growing activities is a microbial water quality profile (MWQP), based on a rolling set of water testing results. Since the quality of your ground or surface water may change during the grow-

ing season, it is best to test an initial sample, and then test follow-up samples (recommendation is four times during the growing season). These combined results will help give you a 'water quality profile' so you know what quality of water you are dealing with and if you need to take correction steps to improve the quality of your water.

Water used during growing activities can have a limited amount of E. coli present in the water, whereas water used during or after harvest must have no detectable generic E. coli present in a 100 mL water sample. We will talk more about water for post-harvest use in the next article. Water that contacts the harvestable part of the crop during the production stages must meet the following criteria:

- A geometric mean (GM) of 126 cells of E. coli per 100-milliliter sample of water. The GM represents a type of average value for the amount of generic E. coli in a water sample; and
- A statistical threshold value (STV) of 410 cells of E. coli per 100-milliliter sample of water. The STV reflects the level of variability in E. coli levels among the samples such as could happen when sporadic rain showers wash waste into rivers and creeks

Your water testing lab or local extension agent can help you calculate the GM and STV 'combined values'. If your baseline water tests results are higher than the criteria above, then the cause of the deviation must be determined and corrective actions taken. You may treat the water, fix the issue if it is well or water-line related, or apply a timed interval (up to four days) between irrigation and harvesting. In addition to testing, you must conduct an annual inspection of your entire water system to determine any conditions that might lead to a contaminated water supply.

————— **Agricultural Water Rule, cont. on page 3**

# VETERAN OF THE MONTH: JOSH MAPEL

Josh Mapel didn't set out to become a farmer. He grew up on a small farm in Grafton where he learned about animals and plants from his grandfather and great-uncle, but his real passions was airplanes. From the age of nine, Mapel wanted to work in aviation. And after graduating from Grafton High School, he turned that dream into a reality when he joined the Air Force and began working on B-1 bombers and C-17s in 2003. He spent 11 years in the military as a crew chief. But his military career came to an end in 2014 after a series of broken bones led to the discovery he had osteopenia.

"It's similar to osteoporosis. My bones break really, really easily," explained Mapel.

That led to a medical discharge from the Air Force.

"It's not an easy thing to come out of, and then you try to figure out what you want to do. You're so used to what you were before, which was working on airplanes. I didn't want to give that up, so, I went to work in the civilian sector. I wound up breaking another vertebrae carrying a box up a ladder. I sat in a chair for three months trying to heal. I came to the realization this is not going to work," said Mapel.

He kept getting the same question from family and friends, "What are you going to do?"

"I didn't know at the time," said Mapel. "But my wife Kara and I were buying everything from the store from grass-fed beef to organic vegetables to try and keep me healthy and provide wholesome food for the table. We decided why not plant a garden, why not try to do it all ourselves?"

Mapel went back to school and graduated from WVU with a degree in agriculture and ex-

tension education and a minor in horticulture.

The family owns six acres of land in Simpson in Taylor County where they homestead. They have a garden, chickens, goats, three horses and a cow. It's a busy life for Mapel who works full time at Micro-Genesis, a micro-greens business in Morgantown. But his new passion is taking care of the land.

"With our farm here, we've only been here a few years. We're really just getting started, getting everything up and running. We're trying to do a permaculture set-up. We use our goats to get rid of our weeds instead of going out and using chemicals. We also don't use any heavy equipment. We don't want to add to the compaction any more than the animals already are. The only pieces of equipment we use are a small lawn mower and my pick-up truck. Everything is rotationally grazed," explained Mapel.

Because of his osteopenia, Mapel says he relies on his wife and oldest son Colton to help with some of the work. He says working as a unit they get it done. He compares the farm to his old job.

"Crew chief-wise you've got to be able to do a lot of stuff on airplanes. You have to be an electrician some days. Other days you have to be a hydraulics expert or a large airframe expert. On a farm, it's really not that that much different," said Mapel. "Instead of an airplane you have a piece



of property. You're still in charge of everything. Some days you have to put on your plant science hat. Other days you're using your animal science skills."

Mapel joined the Veterans and Heroes to Agriculture program in 2020. He said his goal is to someday pass on the lessons he's learned to others, especially his fellow veterans.

"Ultimately, that's what the goal is. We want to teach people who have never done homesteading how to do it. It's not tricky. It's not hard. But you have to know what you're doing to make it a success," he stressed. "We want to educate folks in processing animals, rotational grazing for crops, common, easy fixes for farm equipment."

Meanwhile, you'll find Mapel and his family improving their homestead, one task at a time.

## Agricultural Water Rule, cont. from page 2

These corrective actions are covered in more detail in the grower training I mentioned above.

Now for the caveats depending on how you are using the water and what crops you are growing. Agricultural water that touches/will likely touch the 'harvestable portion' of a crop that 'will likely be consumed raw' must be of safe and of adequate sanitary quality (meet criteria as above). So, if you are using ground/spring water with drip irrigation, and the water will not likely touch the crop you are growing (tomatoes or peppers for example), or if you are not growing any roots crops that will be consumed raw (carrots for example), then your risks associated with poor water quality is lower because the water will not likely contact the harvestable portion of your crop. Testing in this situation is not necessary, but as we pointed out before, is recommended to establish the quality of your water. However, if you are growing a root crop that will be consumed raw, or if you are using an irrigation method where the water will touch produce that will likely be eaten raw, the water must meet the criteria above, or corrective steps are necessary to improve your water quality.

It is important to note that while most food safety tests are associated with presence/absence of generic E. coli, it is always advisable to test well or surface water in WV for presence of heavy metals, to establish whether the water is safe and of adequate sanitary quality for agricultural uses.

We will discuss water used during post-harvest activities in Part 3 of this series on 'The Agricultural Water Rule'.

Contact Dee Singh-Knights at 304-293-7606 or dosingh-knights@mail.wvu.edu if you have any questions, or to register for a Grower Produce Safety Training Course to learn more about this and other required trainings on how to comply with the FSMA PSR food safety requirements.

## KEEPING IT COOL The Importance of Dairy Refrigeration

Grade A milk is carefully produced, pasteurized and bottled in order to protect the safety of the consumer. However, pasteurized milk can readily spoil and could cause foodborne illness if not properly refrigerated and handled. Refrigeration is one of the most important factors in maintaining the safety of milk. According to the FDA, Grade A milk must be maintained at a temperature of 45°F or below. Bacteria in milk will grow below 45°F, but at a very slow rate. However, temperatures well below 40°F are necessary to protect the quality of the milk. It is critical that the milk's temperature be maintained through distribution, delivery and storage.

The cooler refrigerated milk is kept, the longer it lasts and the safer it is. If the product warms up, bacteria will grow more rapidly. In the hot, summer months, according to the Center for Disease Control, temperatures inside a closed car can reach in excess of 170°F. It's important to carefully plan your trips to the store to prevent dairy products from sitting in a hot car. Make additional stops on an outing, before your final stop at the grocery or convenience store for milk.

Some tips to consider...

- Remember to bring a cooler and ice with you when transporting dairy products.
- When you arrive home, put away your dairy and perishable products first.
- Do not leave dairy products out on the counter while cooking, as any elevated changes to the temperature will promote the growth of bacteria.
- Periodically check the temperature of your refrigerator, it should be at 40°F or below.

Remember, when in doubt, throw it out! Dairy products and other perishable food items that have been not been kept under adequate refrigeration could cause severe illness. Refrigerating perishable products is one simple way you can keep your family safe during the summer months!

For more information about the safe handling of dairy products, contact the WVDA Dairy Program Manager Rachel Shockey at rshockey@wvda.us or 304-558-2226.

# 2020 WV Agriculture and Forestry Hall of Fame

The West Virginia Agriculture and Forestry Hall of Fame (WVAFHOF) Foundation has selected ten outstanding individuals for induction in 2020.

Enshrinement in the WVAFHOF is reserved for those individuals, businesses, organizations, institutions and foundations that have made outstanding contributions to the establishment, development, advancement and improvement of the agricultural, forestry and family life of West Virginia.

## Mary Beth Adams

Mary Beth Adams is a leading authority on forest and soil ecology. A long-time USDA Forest Service employee, she has written nearly 160 papers, edited six scientific journals, sat on numerous committees, and served as adjunct faculty at multiple colleges and universities. Active in a wide variety of professional organizations, she helped organize many tours, workshops and presentations throughout West Virginia and the country. Her awards are numerous and she frequently plays the "Mouse King" in the Augusta Youth Ballet's annual production of "The Nutcracker."



## Joe Gumm

A lifelong resident of Randolph County, he operated dairy and beef farms for many years. He has been extremely involved in conservation programs, serving as the President of the West Virginia Association of Conservation Districts, among many others. He is a founder and longtime supporter of the West Virginia Envirothon, North America's largest high school environmental education competition.



## Donald Michael

During his multi-decade career, he was the face of FFA in West Virginia and later served as the West Virginia Farm Bureau's (WVFB) Director of Government Affairs. He was instrumental in the development of numerous agriculture education programs and is the recipient of many awards from FFA organizations and others.



## Dr. Elaine Bowen

Dr. Elaine Bowen joined the WVU Extension Service and has dedicated her career to improving the health and well-being of West Virginia youth, families and senior citizens through numerous programs and campaigns. She cultivated many partnerships with other health organizations and initiatives to promote healthy lifestyles. She retired in 2019 and was promptly granted Faculty Emeritus status.



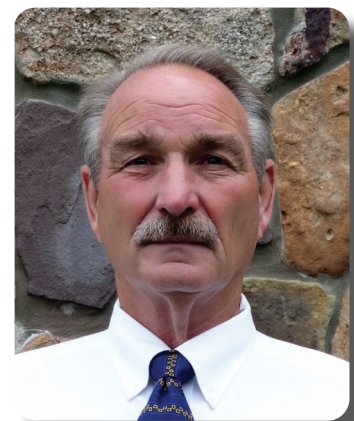
## Terry Jones

Terry Jones has worked at a variety of forestry-related jobs throughout his career. An avid outdoorsman, he served as the Wildlife Staff Forester and National Forest Coordinator for the WV Division of Natural Resources for many years. He currently works as a forestry consultant through his firm, Rich Mountain Forestry LLC. The WV Forestry Association presented him with its Forester of the Year award in 2009.



## Dr. Phillip Osborne

Dr. Phillip I. Osborne, WVU Extension Livestock Marketing Specialist and Professor Emeritus, transformed the production and marketing of West Virginia cattle by establishing quality assurance programs and leveraging new technology to market feeder cattle. He was instrumental in the establishment and operation of major cattle and livestock events, and has added millions of dollars in value to the state's beef herd.



## Patricia Gruber

Patricia R. Gruber has spent more than four decades working in Extension Service programs that aim to develop leadership skills and help families manage finances and health. She is a WVU Extension Service Associate Professor Emeritus, and is widely known for her work as State Advisor of the West Virginia Community Education Outreach Service (CEOS).



## Ag & Forestry Hall of Fame Honors Three Historic Enshrinees

Three historic enshrinees are also being honored this year: Andrew Delmar Hopkins, a native of Jackson County, is considered the "father of forest entomology;" William McClellan Ritter is among West Virginia's greatest lumbermen and businessmen and Jules August Viquesney was West Virginia's first Forest, Game and Fish Warden.



Andrew Delmar Hopkins



William McClellan Ritter



Jules August Viquesney

# Late Harvest Goodness

And just like that, summer is almost over and so are our gardens and farmers markets. But there's still a lot of eating left to do and plenty of good things from the garden to harvest. This month's recipes feature veggies that are in abundance – peppers and zucchini. Whether you're mixing up something savory or something sweet, these two ingredients are the perfect addition to any recipe. If you have a recipe you'd like to share with us, send it to: [marketbulletin@wvda.us](mailto:marketbulletin@wvda.us).



## Pepper Steak

- |   |   |
|---|---|
| 2 pounds beef sirloin, cut into 2 inch strips | 2 large green bell peppers, roughly chopped   |
| Garlic powder to taste                        | 1 14.5-ounce can stewed tomatoes, with liquid |
| 3 tablespoons vegetable oil                   | 3 tablespoons soy sauce                       |
| 1 cube beef bouillon                          | 1 teaspoon white sugar                        |
| ¼ cup hot water                               | 1 teaspoon salt                               |
| 1 tablespoon cornstarch                       |   |
| ½ cup chopped onion                           |   |

Sprinkle strips of sirloin with garlic powder to taste. In a large skillet over medium heat, heat the vegetable oil and brown the seasoned beef strips. Transfer to a slow cooker. Mix bouillon cube with hot water until dissolved, then mix in cornstarch until dissolved. Pour into the slow cooker with meat. Stir in onion, green peppers, stewed tomatoes, soy sauce, sugar, and salt. Cover and cook on High for 3 to 4 hours, or on Low for 6 to 8 hours.

## Zucchini Blueberry Bread

- 3 large eggs, lightly beaten
- 1 cup vegetable oil
- 3 teaspoons vanilla extract
- 2¼ cups white sugar
- 2 cups shredded zucchini
- 3 cups all-purpose flour
- 1 teaspoon salt
- 1 teaspoon baking powder
- ¼ teaspoon baking soda
- 1 tablespoon ground cinnamon
- 1 pint fresh blueberries

Preheat oven to 350 degrees F. Lightly grease 4 mini-loaf pans. In a large bowl, beat together the eggs, oil, vanilla and sugar. Fold in the zucchini. Beat in the flour, salt, baking powder, baking soda and cinnamon. Gently fold in the blueberries. Transfer to the prepared mini-loaf pans. Bake 50 minutes in the preheated oven, or until a knife inserted in the center of a loaf comes out clean. Cool 20 minutes in pans, then turn out onto wire racks to cool completely.

## Zucchini Patties

- |                         |                                  |
|-------------------------|----------------------------------|
| 2 cups grated zucchini  | ½ cup grated Parmesan cheese     |
| 2 large eggs, beaten    | ½ cup shredded mozzarella cheese |
| ¼ cup chopped onion     | Salt to taste                    |
| ½ cup all-purpose flour | 2 tablespoons vegetable oil      |

In a medium bowl, combine the zucchini, eggs, onion, flour, Parmesan cheese, mozzarella cheese and salt. Stir well enough to distribute ingredients evenly. Heat a small amount of oil in a skillet over medium-high heat. Drop zucchini mixture by heaping tablespoonfuls, and cook for a few minutes on each side until golden.



### From the VET

A summer reminder for equine owners there are vaccines available that can protect against infection by West Nile Virus (WNV) and Eastern Equine Encephalitis (EEE) viruses. These mosquito-borne diseases can cause serious neurologic symptoms in horses and people. In recent months, there have been multiple neighboring states to West Virginia with reported equine cases confirmed by laboratory analysis. Large animal veterinarians can assist horse owners with vaccination programs and other preventive medicine recommendations.

## GARDEN CALENDAR

SEPTEMBER 2020

Source: WVU Extension Service Garden Calendar

- |  |  |  |
|--|--|--|
| <b>SEPTEMBER 1</b> Order spring- flowering bulbs. Seed fall carrots. Seed spinach.             | <b>SEPTEMBER 8</b> Harvest early pumpkins. Build a cold frame.               | <b>SEPTEMBER 17</b> Seed rye and hairy vetch for winter cover crop.                        |
| <b>SEPTEMBER 2</b> Plant crocus. Dig late potatoes. Turn compost. Seed cover crop.             | <b>SEPTEMBER 9</b> Don't let weeds go to seed.                               | <b>SEPTEMBER 18</b> Seed lettuce in high tunnel.   |
| <b>SEPTEMBER 3</b> Renovate lawn or reseed bare spots. Prepare root cellar. Seed fall spinach. | <b>SEPTEMBER 10</b> Plant hardy evergreens.                                  | <b>SEPTEMBER 19</b> Repot houseplants.   |
| <b>SEPTEMBER 4</b> Aerate lawn. Save seeds. Seed lettuce for Fall crop.                        | <b>SEPTEMBER 11</b> Control broadleaf weeds in lawn.                         | <b>SEPTEMBER 21</b> Take a fall soil test from lawn and garden.                            |
| <b>SEPTEMBER 5</b> Plant fall turnips and radishes. Divide peonies.                            | <b>SEPTEMBER 12</b> Seed scallions (bunching onions) in a cold frame.        | <b>SEPTEMBER 22</b> Autumn Begins. Plant shallots  |
| <b>SEPTEMBER 7</b> Seed carrots in high tunnel or cold frame.                                  | <b>SEPTEMBER 14</b> Plant garden mums. Harvest colored peppers.              | <b>SEPTEMBER 23</b> Harvest early-planted sweet potatoes.                                  |
|  | <b>SEPTEMBER 15</b> Begin pumpkin harvest. Seed fall spinach                 | <b>SEPTEMBER 24</b> Water young trees and shrubs during dry periods. Plant elephant garlic |
|  | <b>SEPTEMBER 16</b> Begin 14 hours of darkness to turn color of poinsettias. | <b>SEPTEMBER 25</b> Seed salad greens in high tunnel.                                      |
|  |  | <b>SEPTEMBER 26</b> Plant hyacinths. Harvest storage onions.                               |
|  |  | <b>SEPTEMBER 28</b> Bring rosemary plants indoors before frost.                            |

# West Virginia Grown

## *Rooted in the Mountain State*

**BARBOUR**

- Sickler Farm
- Emerald Farms LLC
- Layne's Farm

**BERKELEY**

- Cox Family Winery
- Geezer Ridge Farm
- Kitchen's Orchard & Farm Market
- Mountaineer Brand
- Raw Natural
- Sister Sue's
- Taylor's Farm Market
- US Veteran Produced
- West Virginia Pure Maple Syrup
- West Virginia Veteran Produced
- Wildflower
- Walnut Hill Farm
- Heron's Rest Farm

**BOONE**

- Anna Bell Farms

**BRAXTON**

- Mary's K9 Bakery
- Oh Edith/Little Fork Farm
- Rose Petal Soaps

**BROOKE**

- Family Roots Farm
- Bethany College Apiary
- Eric Freeland Farm

**CABELL**

- Appalachian Apiculture
- Down Home Salads
- Good Horse Scents
- J & J Bee Farm

**CLAY**

- Legacy Foods
- Ordinary Evelyn's
- Sugar Bottom Farm

**DODDRIDGE**

- Sweet Wind Farm
- Ryan Farms

**FAYETTE**

- Butcher's Apiary
- Almost Heaven Specialties
- Five Springs Farm
- Five Springs Farm Guesthouse
- Up The Creek
- Wild Mountain Soap Company

**GREENBRIER**

- Arbaugh Farm
- Sloping Acres
- Hero Honey Valley View Farm
- TL Fruits and Vegetables
- Mountain State Maple Farm & Co.
- Daniels Maple Syrup
- Caring Acres Farm

**HAMPSHIRE**

- Kismet Acre Farm
- Powder Keg Farms
- Quicken Farm

**HARDY**

- Buena Vista Farm
- Wardensville Garden Market
- Happy Ranch Farm LLC

**HARRISON**

- Rimfire Apiary
- Honey Glen LLC
- Sourwood Farm

**JACKSON**

- Maddox Hollow Treasures
- Boggess Farm
- AJ's Goats 'n Soaps

**JACKSON**

- Out of This World Salsa
- Sassy Gals Gourmet Treats
- Dean's Apiary

**JEFFERSON**

- Shalgo Farm

**KANAWHA**

- Angelos Food Products LLC
- Hamilton Farms
- Hernshaw Farms
- Lem's Meat Varnish
- T & T Honey
- Vandalia Inc.
- Jordan Ridge Farm
- Larry's Apiaries
- We B Fryin Snacks

**LEWIS**

- Lone Hickory Farm
- Smoke Camp Craft
- Garton Farms
- Novak Farms

**LINCOLN**

- Hill n' Hollow Farm & Sugarworks
- Wilkerson Christmas Tree Farm
- Simply Hickory
- Estep Branch Pure Maple Syrup
- Ware Farms
- Berry Farms

**MARION**

- Holcomb's Honey
- Clutter Farms LLC
- Rozy's Peppers in Sauce

**MARSHALL**

- Hazel Dell Farm
- Eco-Vrindaban, Inc.
- NJ's Kettle Corn
- Gieser Farm

**MASON**

- Hope's Harvest Farm LLC
- Moran Farms
- Black Oak Holler Farm LLC

**MERCER**

- Hillbilly Farms

**MINERAL**

- Indian Water Maple Company
- Green Family Farm

**MONONGALIA**

- The Kitchen
- Neighborhood Kombuchery
- WVU

**MONROE**

- Spangler's Family Farm
- Bee Green

**MORGAN**

- Glascock's Produce
- Mock's Greenhouse and Farm

**NICHOLAS**

- Kirkwood Winery
- Woodbine Jams and Jellies
- Dave's Backyard Sugarin'

**OHIO**

- Fowler Farm
- Beeholding Acres/Roth Apiaries
- Grow Ohio Valley
- The Blended Homestead
- Moss Farms Winery
- Rock Valley Farm
- Windswept Farm
- Zeb's Barky Bits

**PENDLETON**

- M & S Maple Farm
- Cool Hollow Maple Farm
- Cool Hollow Maple Syrup
- Rocky Knob Christmas Tree Farm

**POCAHONTAS**

- Brightside Acres
- Brush Country Bees
- Frostmore Farm

**PRESTON**

- Mountaindale Apiaries
- Me & My Bees
- Riffle Farms
- Valley Farm, Inc.
- The Vegetable Garden
- Maryland Line Farm
- Ringer Farms
- Vested Heirs Farm
- Taylor Grow LLC
- Possum Tail Farm

**PUTNAM**

- Sycamore Farms & Primitives
- Gritt's Farm
- Gritt's Midway Greenhouse

**RALEIGH**

- Bailey Bees
- Appalachian Kettle Corn
- The Farm on Paint Creek/
- Sweet Sweenysburg Honey
- Daniel Vineyards
- Shrewsbury Farm

**RANDOLPH**

- The Bryer Patch
- Poe Run Craft & Provisions Inc.
- WV Wilderness Apiaries

**RITCHIE**

- Turtle Run Farm

**ROANE**

- Christian Farm
- Grandma's Rockin' Recipes
- Missy's Produce

**SUMMERS**

- Sprouting Farms
- Cheyenne Farm

**TAYLOR**

- A Plus Meat Processing

**TUCKER**

- Mountain State Honey Co. LLC
- R&A Honey Bees LLC
- Seven Islands Farm

**TYLER**

- Cedar Run Farm
- Creekside Farms
- Uncle Bunk's

**UPSHUR**

- Mountain Roaster Coffee
- Lucky Lucy Farm
- Old Oak Farms
- Zul's Frozen Lemonade
- Appalachian Acres Inc.

**WAYNE**

- Elmcrest Farm
- Stiltner's Apiaries
- Lovely Creations Handmade Soaps and More

**WEBSTER**

- Williams River Farm
- Custard Stand Food Products
- Spillman Mountain Farm Products, Inc.

**WETZEL**

- Thistle Dew Farm
- Wetzel County Farmers Market

**WIRT**

- Stone Road Vineyard
- Appalachian Willows

**WOOD**

- In a Jam!
- Stomp-n-Grounds Craft Coffee
- Oldham Sugar Works
- Minner Family Maple Farm

**WYOMING**

- Tarbilly's BBQ
- Appalachian Tradition



# CLASSIFIED ANNOUNCEMENTS September 2020

To Submit  
an Ad: ▶

Phone: 304-558-2225  
Fax: 304-558-3131  
Email: marketbulletin@wvda.us  
Mail: 1900 Kanawha Boulevard, E.  
Charleston, WV 25305

## AD DEADLINES

### October 2020. . .

Phone-in ads for the October issue must be received by **12 noon on Monday, September 14.**

Written ads for the October issue must be received by **1 p.m. on Tuesday, September 15**

### November 2020. . .

Phone-in ads for the October issue must be received by **12 noon on Monday, October 12.**

Written ads for the October issue must be received by **1 p.m. on Tuesday, October 13.**

To subscribe to The Market Bulletin, email [marketbulletin@wvda.us](mailto:marketbulletin@wvda.us) or phone 304-558-3708.

## Apiary Sales

**Honeybee Equip.:** extractor, 21-frame, elec. w/stand, elec. uncapping knife, comb foundation, solar wax melter on wheels, wooden wax melter, med. shallow, hive bodies, blocks of wax. James Copenhagen, 6003 Thorne Bottom Rd., Lost City, 26810; 879-6321.

**Honeybees:** Story and 1/2 2020 queens, \$275, over 50 to choose from. Ben Hayes, 1761 Reedyville Rd., Spencer, 25276; 266-7269.

All bee colonies must be registered with the West Virginia Department of Agriculture. Please contact the Animal Health Division at 304-558-2214.

## Cattle Sales

**Reg.** Scottish Highland 2-yr. bull, yellow, stout, good disp., grandson of Ridge Top Mac-Dougal, was highlighted in the 2019 Celtic Callin Festival, great herd sire potential, \$1,200. Emily Arbuckle, 15453 Seneca Trail N., Lewisburg, 24901; 661-3533.

**Reg.** Polled Hereford: 8-mo. -16-mo, heifers; reg. 5-yr. cows, 2, re-bred, \$800/up, all dark red, top blood, good disp. Roger Casto, 837 Radcliff Rd., Mineral Wells, 26150; 489-1696.

**Reg.** Black Hereford bulls, good disp., calving ease, excel. wt. gain, \$1,300/up. Stephen Dilley, 8351 Browns Crk. Rd., Dunmore, 24934; 799-7434.

1/2 Hereford 1/2 Angus 3/20 bull calf, looks like Red Angus, \$650. David Fowler, 6937 Airport Rd., Sutton, 26601; 765-7765.

**Reg.** Limousin 12-mo. bull, red, 95% pure, halter broke, quiet, \$2,000. Ed Hammond, 172 Sandy Crk. Rd., Washington, 26181; 483-1748.

**Reg.** Black Angus. 3-yr. bull, \$3,000; commercial grade prs., \$1,500; bred heifers, \$1,000; Tim Harsh, 952 Clifton Run Rd., Kerens, 26276; 940-2403.

**Reg.** Polled Hereford '18 & '19 bulls, Victor/Intime blood, \$1,200/up. Estil Hughes, 1130 Board Fork Rd., Camden on Gauley, 26208; 226-5834.

**Black Angus cows/w calves at side:** 7-yr./heifer calf, \$1,200; 5-yr. cow w/heifer calf, \$1,200; 5-yr. w/twin calves, a heifer and a steer, \$1,400; Juanita Johnston, 2376 Crane Rd., Renick, 24966; 497-3146.

**Reg.** Black Angus yrlg. bulls, 9/20 & 10/20 cow/calf prs. & fall heifers, excel. blood on both sides, proven maternal instinct, low bt. wt., Hoover Dam 321 & West Mar Crockett 912, all good disp., \$1,500/up. Kevin Jones, 733 Pumice Rd., Clendenin, 25045; 757-818-5814.

**Reg.** Black Angus: 1/20 & 2/20 bull calves, Exar Counselor blood, excel. quality; 1/20 heifer calf, 13-mo. bull; cow w/bull calf at side, she has been exposed to Black Angus bull since May, \$1,000/up. Justin McClain, 2853 Dry Fork Rd., Salem 26426; 782-3983.

**Reg.** Anugs bulls 8/18 bull, Resistol/All In son, CED-13, BW-0, WW-58, YW-107, BSE, moderate frame & heavily muscled, good disp., \$2,500. Greg Moore, 828 Maple Lick, Bridgeport, 629-1589.

**Black Angus yrlg. bull,** \$1,500; Tom Porter, 457 Cedar Lane, West Union, 26456; 873-1228.

**Reg.** Black Angus 18-mo. bulls sired by KCF Bennett Southside, all semen tested; bred heifers, all \$1,500/up, EPDs, easy calving, excel. disp. Mark Robinson, 213 Willow Crk. Rd., Sutton, 26601; 678-7302.

**Reg.** Polled Hereford : heifers bred for spring calving, \$1,500/up; bulls have been semen tested, \$1,800/up, all vacc. complete. Ken Scott, 2586 Grandview Rd., Beaver, 25813; 763-4929; chance37@suddenlink.net.

**Reg.** Black Angus yrlg. bull & open heifers, Rito blood, easy calving/handling, good disp., vacc./wormed, \$1,200/up. J. Taylor, 875 Jim Kennedy Rd., Fairmont, 26554; 363-5757.

**Reg.** Black Angus 2/20 & 3/20 bull calves, grass fed, will be weaned mid Sept. DNA parent verified, Genomic enhanced EPDs, \$1,100/ea. Paul Wilmoth, 928 Werner Rd., Bellington, 26250; 671-9742.

**Reg.** Black Angus bull, sire Musgrave Sky High, ready for fall breed, \$2,000; Reg. Hereford bull, well muscled, DNA tested 3/20, semen

test scheduled for 9/20, sired by Mr. Hereford A 46, \$1,800, both good disp.. Vincent Wine, 575 Wine Haven Dr., Roanoke, 26447; 644-8129.

## Equipment Sales

**No trucks, cars, vans, campers or other autos; backhoes (except 3-pt. hitch), dozers or other construction equipment; lawn equipment; no parts.**

**MH 630 baler,** used this summer, \$5,000; set of 3-bottom plows, \$500. Ronnie Annon, 1041 Annon Rd., Newburg, 26410; 892-3990.

**JD 5205 tractor,** 4 WD w/end loader & forks, front weight plus guard, block heater, loaded rear tires, \$13,500. Rinehart Bouman, 282 Ashwood Dr., Meadow Bridge, 25976; 466-3844.

**Kubota 4 WD tractor,** 33 hp, 5' bucket, 6' scraper blade, 6' brush hog, 30 hrs., garage kept, hydrostatic dr., tires are loaded, \$22,500. Charles, 204 High St., Fayetteville, 25840; 237-5313.

**Kioti '12 DK40SE,** 40 hp at PTO /4 WD tractor, SyncTrans w/shuttle shift, e/wKL-401 loader & 72" bucket w/booth bar, garage kept, excel. cond., less than 150 hrs., \$18,000/obo. Ken Brazzer, 2416 Wahoo Rd., Mt. Nebo, 26679; 846-9228.

**J & J Haysaver #8R HR round bale feeder** for horses, excel. cond., very little to no waste of hay when using, \$1,000. Claudia Burris, 5200 Seven Mile Rd., Apple Grove, 25502; 576-2514; cjbjlb@gmail.com.

**Sq. bale conveyer w/elec. motor,** 20', forward reverse., \$400; IH cub tractor w/sickle bar mower, \$1,800, both good cond. Alex Close, 192 Memory Lane, Green Springs, 26722; 492-5020.

**Woods 172 6' brush hog,** good cond., extra blades, \$500. Rod Clovis, 8323 Maxon Dixon Hwy., Wana, 26590; 662-6395.

**NI lime spreader,** 8', pull type, \$1,300. Bus Conaway, P.O. Box 1335 Elkins, 26241 642-8054.

**Holland 2-seater transplanter** for planting crops, \$300. Harold Farnsworth, 38 Trainer Rd., Buckhannon, 26201.

**McCormick Farmall 'Cub 57 tractor w/pota-** to plow, \$2,000. Linda Harbaugh, 257 Woodland Ave., White Sulphur Springs, 24986; 667-3727.

**Long #24 round baler,** string tie, 4x4 bales, excel. cond., \$3,500; NF, 750 hay bine w/snub nose guard, \$1,200. Earl Hammond, 172 Sand Crk Rd., Washington, 26181; 483-1748.

**Bale fork,** 3-pt. hitch, \$200. Dale Kelly, 4050 Cuzzart Rd., Bruceon Mills, 26525; 698-7763; dkelly374@yahoo.com.

**MF Dyna Balance 7' mower,** good cond., \$860; Zetor 3340 diesel tractor w/loader, 4 WD, good cond., \$12,800; 8' trailer tongue, A-Frame, 25,000 lb. coupler, heavy duty w/jack, \$175. Ron Malus 3446 Snake Run Rd., Alderson, 24910; 392-5231.

**Brush mower,** 48" pull behind w/tool, \$1,550. Robert Morris, 2370 Harvey Rd., Huntington, 25704; 654-3031.

**Cultivator 1-row,** 3-pt. hitch, \$50; MH 474 w/snub nose on it, \$1,200; head gate, 200; 3-pt. hitch log splitter, 100. John Proelochs, 121 Proelochs Lane, Wellsburg, 26070; 829-4387.

**JD '84 7720 combine w/643 corn head,** 30' rows, \$7,500; MF '80 combine w/1164 6-row, 30' head, \$3,300. Mike Rexrode, 345 Whipporwill Lane, Brandywine, 26802; 249-5502.

**Kuhn 66 GMD disc mower,** 8', good cond., \$3,600. Ed Rukavina, 395 Haymond School Rd., Grafton, 26354; 265-5298.

**MF 2600 diesel tractor w/loader,** quick attach bucket, 45 hp, excel. cond., 160 hrs., \$23,000/obo. Harriet Simpson, 147 Moores Run Branch Rd., Wardensville, 26851 874-3994.

**NH 230 diesel tractor w/Perkins eng.,** field ready, \$6,000; Kubota '14 tractor, 4x4 w/loader & backhoe, new Woods hoe, 62 hrs., big snow blade, new blade hoe, \$42,000. Charles Smith, 94 Dogwood Trail, Napier, 26601; 765-9644.

Gravelly, 450 commercial rider w/front brush cutter, \$900; brush hog, 5' wide, \$500. Charles Waitkus, P.O. Box 456. Crab Orchard, 25827; 923-4440.

## Equipment Wants

**Mower deck** for JD 4100. Harry Allen, 3042 Elk Knob Rd., Hinton, 25951; 466-5581.

**Box blade,** 7'. Jay Bierce, 6515 Waynesburg

Pike Rd., Moundsville, 26041.

**Kuhn 440-T 4-spool hay tedder** for parts. Richard Conrad, 185 William Smith Rd., Rivesville, 26588; 278-2642.

## Farm Sales

Advertisements for land **MUST** be about farmland that is at least five (5) acres in size & located in West Virginia. Farmland ads **MUST** include accompaniments (house, barn, hayfield, garden, etc.) but no specifics, i.e., new kitchen, family room, etc. Ads for the sale or rental of farmland are acceptable from individuals, but **MUST** include the above. Advertisements for hunting land, commercial or city properties **CANNOT** be accepted.

**Kanawha Co.:** 97.9 A. w/house, gently rolling pasture or hayfields, city water, septic, very private, 35 minutes from Capitol, \$289,000. Kay Johnston, 300 Moccasin Bend Lane, Clendenin, 25405; 542-7812.

**Roane Co.:** 68 A. w/house, lg. barn, out-bldgs, drilled & dug wells, free gas, farm equip., \$305,000. Gary Nicholas, 1238 Windyville Rd., Spencer, 25276; 927-1171.

**Greenbrier Co.:** 22.62 A. w/house, good well, gently rolling fenced pasture or hayfields, spring water, outbldgs., fruit trees, all acreage front Rt. 219, \$238,000. Katrina Reynolds, P.O. Box 96, Frankford, 24938; 497-2014.

**Fayette Co.:** 105 A. w/house, 10 A. hay field, 20 A. pasture, fenced w/barb wire & elect., streams, well, septic, 2-story barn, equip. shed, pond, woods, other bldgs., on state-maintained rd., \$224,000/obo. Ronald Shawver, 8430 Bacus Mtn. Rd., Meadow Bridge, 25976; 484-7140.

## Farm Wants

**Want** a farm w/house, barn, good water supply, needs to have some pasture, near E. Morgantown, must be within 2 hrs. of Pittsburg, PA. Ronald Shawver, 17498 N. SR 20, Meadow Bridge, 25976; 484-7140.

## Goat Sales

**Boer/Nubian bucks,** \$250/up. Sarah Bowers, P.O. Box 1199, Franklin, 26807; 668-2955.

**Kiko cross bucks,** lots of colors, \$160/up. Gerry Davis, 511 Lone Wolf Trail, Maysville, 26833; 851-2956.

**Boer cross nanny & billy kids,** out of 100% full dapple spotter Boer; nanny, black, brush goat, all \$200/up. Justin McClain, 2853 Dry Fork Rd., Salem, 26426; 782-3983.

**Nubian buck kids,** vacc., disbudded, \$200/ea. Melissa Orr, 604 Orr Dr., Martinsburg, 25403; 671-0479.

**Kiko billys,** weaned & ready to go, \$250. Ebb Smith 247 Breezy Hill Rd., Petersburg, 26847; 257-7125.

**Boer billy,** blood red; Nubian/Boer cross billys, herd ready, \$150/up. Lyle Smith, 11961 Mountaineer Dr., Riverton, 26814; 567-2057.

**Kiko/Nubian cross 5-mo. doelings,** \$200/ea. Jeremy Vance, 827 Guy Dice Road, Harman, 26270; 704-7667.

**Reg.** Boer 2/20 bucklings, proven blood, vacc./wormed, \$450; commercial Boer 2 1/2-yr. buck, big, stocky & proven breeder, \$400; AGBA reg. Boer 5-yr. doe w/milk & mothering ability, \$350. Lance Vernon, Jersey Lane, Worthington, 26591; 365-2345.

## EQUINE EVENTS

Central WV Riding Club  
Open Horse Show  
September 26, 5 p.m.  
Holly Gray Park, Sutton, WV  
Allen or Kim Miller, 364-5576;  
[cwvrc@yahoo.com](mailto:cwvrc@yahoo.com).

Central WV Riding Club  
Open Horse Show  
October 10, 5 p.m.  
Holly Gray Park, Sutton, WV  
Allen or Kim Miller, 364-5576;  
[cwvrc@yahoo.com](mailto:cwvrc@yahoo.com).

## Horse Sales

**Stud colt,** \$1,800/obo. Ronnie Annon, 1041 Annon Lane, Newburg, 26410; 892-3990.

**Stud ponies:** \$150/ea. Ronald Lynch, 8346 New Hope Rd., Bluefield, 24701; 589-7652.

**Tenn/Wlkr. 11-yr. palomino,** 15.2 h, \$1,800; black & white, 14.2 h, \$1,500, both mares. Joe Newlon, 26864 Ashton Upland Rd., Milton, 25541; 633-1779.

**Miniature jennys,** spotted, 2, will trade for Kiko young nanny of equal value. Dean Miller, 1132 Annamoriah Rd., Creston, 26141; 354-6642

### WV POLLED HEREFORD ASSOC. FALL SALE

September 26; 12 noon  
Braxton Co. Fairgrounds  
Holly Gray Park, Sutton, WV  
Selling Cow/calf prs., bred heifers, open heifers. & breeding bulls

Contact, Ken Scott ,573-0844;  
Callie Taylor, 668-2102.



## Upcoming FARM TRAININGS

### FREE Agriculture and Farm Safety Workshop

Huttonville State Farm - September 25-26, 2020  
Lakin State Farm - October 2-3, 2020  
(Farms located in Randolph and Mason Counties respectively)

- Food Contact Sanitation
- Soil Amendments
- Composting
- GAP vs FSMA
- Industrial Hemp in WV
- Preharvest Sanitation
- Postharvest Storage
- Agriculture Water Testing
- Tractor Safety
- ATV Safety
- Micro Dairies in WV
- Laying Drip Tape & Mulch
- Chemical Herbicides
- Pesticide Worker Protection Standards

Contact Millie Taylor to register 304.558.2226 or [mtaylor@wvda.us](mailto:mtaylor@wvda.us)  
Event is tentatively scheduled for outdoors and social distancing will be observed.

Speakers from  
WVU Extension | NRCS | WVSU Extension | WVDA | Produce Safety Alliance

**Reg.** Arabian mare, bay; stud colt, should mature to 15 h, \$2,000/pr./obo. Vicki Oxley, 618 Whitt Rd., Princeton, 24739; 910-1376.

**Job Sales**

**Horse** boarding, \$350/mo. Kimberly D'Arco, 194 Homestead Lane, Charleston, 25312; 984-0950.

**Plant Sales**

**No medicinal plants, nursery stock, common agricultural seeds unless tested for germination.**

**Seeds:** Creasy green seed, \$2/tbsp., plus SASE. Denny Canterbury, 2875 Seneca Trail S., Ronceverte, 24970; 645-6370.

**Seeds:** old-time fat man, Logan Giant, Rattlesnake, brown & white half runner pole bean, more, \$15/100 seed, all tested for germination. Betty Flanagan, 467 Ritchie Farm Rd., Summersville, 26651; 880-0135; allen.flanagan@gmail.com.

**Elephant** garlic, great to eat or plant in October for July '21 harvest, \$22/lb. ppd w/planting instructions. Chuck Wyrostok, 230 Griffith Run, Spencer, 25276; 927-2978; wyro@appalight.com.

**Plant Wants**

**White** thumbnail corn seed; bloody butcher seed or on the cob. Harold Farnsworth, 38 Trainer Rd., Buckhannon, 26201.

**Tommy** Toes cherry tomato, heirloom. Larry Norman, 26 Freedom Trail, Flatwoods, 26621; 765-5715.

**Original** WV 63 tomato seeds, approx. 1,000. E. Powell, 32800 Charleston Rd., Leon, 25123; 937-2834.

**Poultry Sales**

**Buff** geese, 4, \$100/all. Debbie Childers, 3389 Little Crk Rd., White Sulphur Springs, 24986; 536-3232.

**Poultry Wants**

**Silver** Lace Windot or Domeck roosters. Sherley Morris, 150 Grassy Crk. Rd., Leivasy, 26676; 846-6367.

**Sheep Sales**

**Katahdin** 4/20 lambs: ewes, \$125; wethers, \$100. Brandon Channell, 674 Channels Mill, Kerens, 26276; 478-2736.

**Reg.** Finn ram & ewe lambs \$250/up. Debbie Childers, 3389 Little Crk Rd., White Sulphur Springs, 24986; 536-3232.

**Scottish** 2/20 ram lambs, black face, good disp., \$250. Katherine Green 8746 Gay Rd., Gay, 25244; 377-0473.

**Suff/Hamp.** rams: 3-yr. & yrlg., both \$350. Kevin Jones, 1013 Range Rd., Wadestown, 26590; 662-6428.

**Reg.** Suffolk: yrlg rams \$250/up; ram & ewe lambs, \$250/up. Lucy Kimble, P.O Box 241, Cabins, 26844; 257-1442.

**Suffolk** & crossbred 1-yr. rams, both thick, stout, commercial, \$400/ea. Blix McNeill, 13260 Seneca Trail, Buckeye, 24924; 799-6698.

**Katahdin** ram, will trade for Kiko Boer young nanny of equal value. Tyler Miller, 13131 Annamoria Rd., Creston, 26141; 681-229-2880.

**Black** Finnsheep ram lambs, vacc., w/papers, \$200;

**Katahdin/Dorper** cross 5-mo. ram lambs, CT&T, vacc., \$200/ea. Jeremy Vance, 827 Guy Dice Road, Harman, 26270; 704-7667.

**Miscellaneous Sales**

**No riding habits or other clothes; appliances or furniture; antiques or crafts; hand power tools or equipment; food processing or preservation items or equipment; general wood working tools; firewood. Only dogs recognized by the AKC as herding or working can be accepted.**

**Trailer**, sm. horse, \$700/obo. Ronnie Annon, 1041 Annon Rd., Newburg, 26410; 892-3990.

**Hay:** '20 sq. bales, mixed meadow grass, \$4.50, loaded out of barn, \$1 extra on quantities less than 50 bales; 4x5 round bales, approx. 700 lbs, \$40/bale Danny Bainbridge, 104 Kennywood

Dr., Fairmont, 26554; 288-1171.

**Dairy** Stanchions, 12, \$100/all. Jerry Carnes, 101 Chestnut St., Rivesville, 26588; 278-9728..

**Acreage:** Putnam/Jackson Co., 125 A., woods, pasture, sm. pond, hay, semi paved rd., elec., free gas, septic, drilled well, stream, Liberty area, \$1,500/A/neg. R. Good, 8818 Sissonville Dr., Sissonville, 25320; 336-573-9475.

**Hay:** sq. bales, 1st cut, barn kept \$3.50/bale; '20, 1st & 2nd cut, net wrapped, never wet, \$40/bale, cheaper if you talk all. Phil Haller, 29 Proudfoot Rd., Philippi, 26416; 457-1477.

**Hay:** 1st & 2nd cut, 4x5 round bales, alfalfa & mixed grasses, \$40/bale; 2nd cut, sq. bales, alfalfa, orchard grass & timothy mix, \$5.50. Lyvonne Harsh, 2119 Accident Rd., Eglon, 26716; 735-6455.

**Myers** 3-roller cane mill/10½' evaporating pan, \$800/obo; 15 Maytag hit & miss engines, \$200/obo; 35-gal. copper apple butter kettles w/stirrers, 2, \$750/ea. Mason Hughart, 2021 Holi-

day Run Rd., Smoot, 24977; 445-5198.

**Blue** Heeler pups, both parents working dogs, excel. disp.; males, \$275; females, \$300. Lynn Joyce, 116 Sun Valley Lane, Gap Mills, 24941; 647-0482; no Sunday calls.

**Black** walnut kernels, vacuum sealed 1 lb. bag, \$12/bag, plus postage. Calvin Morrison, P.O. Box 877, Jane Lew, 26378; 884-7444.

**Acreage:** Putnam Co.: 8 A., in Emerald Fields Grandview Ridge, 293' rd. footage, all underground util., \$65,000. Bill Morton, 104 Marble Dr., Eleanor, 25070; 543-4575.

**Hay**, lg. sq. bales, quality mixed grass, easy access, \$4.75/bale/in field; \$5/bale/in barn. Larry Parsons, 276 Maple Dr., Evans, 25241; 372-4575.

**Apples:** Grimes Golden, Jonathan Cortland, MacIntosh, Red & Golden Delicious, \$5-\$15 bu.: pears, \$10-\$20 bu., bring containers, call for avail. dates. Paula Ruggles, 131 Ruggles Orchard Rd., Levels, 25431; 492-5751.

**Locust** post, 7', about 50 in stock, most of the split to a similar size, \$5/ea. Michael Sammons, 566 Timer Dr., Petroleum, 26161; 628-3305.

**Giant** Flemish rabbits, \$12/ea. Eb Smith, 247 Breezy Hill Lane, Petersburg, 26847; 257-7125.

**Acreage:** Braxton Co.: 29 A. at Burnsville lake, \$50,000; hay, 4x5 round bales, barn kept, \$40/bale. Charles Smith, 94 Dogwood Trail, Napier, 26601; 765-9644.

**Acreage:** Roane Co., 159 A., adjoining city limits of Spencer, ½ mile rd. frontage, on Rt. 33, may consider partial financing, \$620,000/may consider partial financing. Larry Stonestreet, 900 Panorama Dr., Spencer, 25276; 786-7166.

**Miscellaneous Wants**

**Meadow** mill stump or grinder. Harld Farnsworth, 38 Trainer Rd., Buckhannon, 26201.

**Rabbits.** Lisa Sheets, Rt. 1, Box 2, Dunmore, 24934; 456-4071.

**WEST VIRGINIA FEEDER CATTLE AND CALF SALES**

**2020 FALL SCHEDULE**

**Special Graded Feeder Sales – Farm Fresh Cattle**

Sponsored by:

WV Livestock Auction Markets - WV Cattlemen's Association - WV Department of Agriculture

TYPE OF SALE	LOCATION	DAY	DATE	TIME	NUMBER OF HEAD	PHONE NUMBER (304)
C	Cattlemen's Livestock Exchange	Friday	Sept. 4	2 p.m.	500	647-5833
Y-C	Jackson County	Saturday	Sept. 5	11 a.m.	400	373-1269
C	Jackson County @ Parkersburg	Thursday	Sept. 10	11 a.m.	125	373-1269
C-T	Weston	Thursday	Sept. 10	9 a.m.	1,000	269-5096
C	Cattlemen's Livestock Exchange	Friday	Sept. 11	2 p.m.	500	647-5833
Y-T	Weston	Saturday	Sept. 12	10 a.m.	400	269-5096
C-T	Buckhannon	Tuesday	Sept. 15	9 a.m.	1,000	472-5300
C-T	Weston	Thursday	Sept. 17	9 a.m.	1,000	269-5096
C	Cattlemen's Livestock Exchange	Friday	Sept. 18	2 p.m.	500	647-5833
Y-C-T	Marlinton	Friday	Sept. 18	7 p.m.	500	799-6593
	South Branch	Saturday	Sept. 19	10 a.m.	1,000	538-6050
Y-C	Jackson County	Saturday	Sept. 19	11 a.m.	500	373-1269
C-T	Buckhannon	Tuesday	Sept. 22	9 a.m.	1,000	472-5300
C	Jackson County @ Parkersburg	Thursday	Sept. 24	11 a.m.	125	373-1269
C-QA-B-T-S	Buckhannon	Friday	Sept. 25	1 p.m.	4,200	472-5300 / 472-7955
C	Cattlemen's Livestock Exchange	Friday	Sept. 25	2 p.m.	500	647-5833
C-T	Weston	Thursday	Oct. 1	9 a.m.	800	269-5096
C	Cattlemen's Livestock Exchange	Friday	Oct. 2	2 p.m.	500	647-5833
Y-C-T	Marlinton	Friday	Oct. 2	7 p.m.	500	799-6593
C-T	Harrisville	Friday	Oct. 2	9 a.m.	500	643-2636
Y-C	South Branch	Saturday	Oct. 3	10 a.m.	1,000	538-6050
Y-C	Jackson County	Saturday	Oct. 3	12 p.m.	400	373-1269
C	Terra Alta	Wednesday	Oct. 7	10 a.m.	500	789-2788
C	Jackson County @ Parkersburg	Thursday	Oct. 8	11 a.m.	200	373-1269
C	Cattlemen's Livestock Exchange	Friday	Oct. 9	2 p.m.	500	647-5833
Y-C-B-T	Weston	Friday	Oct. 9	9 a.m.	300	269-5096
Y-C	South Branch	Saturday	Oct. 10	10 a.m.	1,500	538-6050
Y-C-T-BB	Buckhannon	Tuesday	Oct. 13	9 a.m.	1,000	472-5300
C	Cattlemen's Livestock Exchange	Friday	Oct. 16	2 p.m.	750	647-5833
Y-C-T	Marlinton	Friday	Oct. 16	7 p.m.	500	799-6593
Y-C	Terra Alta	Friday	Oct. 16	2 p.m.	300	789-2788

B ..... Board Sale  
 BB.....Cattle available in Barn & Board/Tel-O-Auction Sale  
 C.....Feeder Calves  
 CC....Club Calves

QA ....Quality Assurance  
 S .....Statewide Board Sale  
 ST.....Steers Only  
 T.....Tel-O-Auction available

P.....Pre-Conditioned  
 \* ....Friday Special Sale with Regular Sale  
 H.....Heifers Only  
 Y .....Graded Yearling Cattle

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**Additional sale dates and locations will be updated on the WVDA website and in future Market Bulletins as information becomes available**