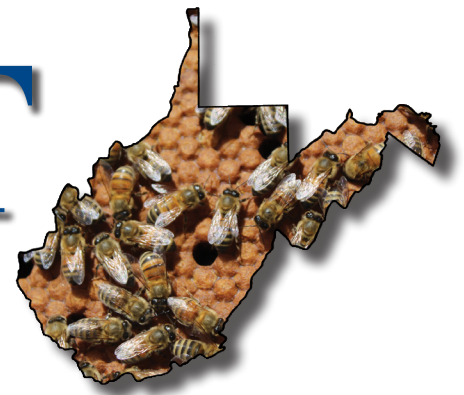


# THE MARKET Bulletin

WEST VIRGINIA  
DEPARTMENT  
OF AGRICULTURE

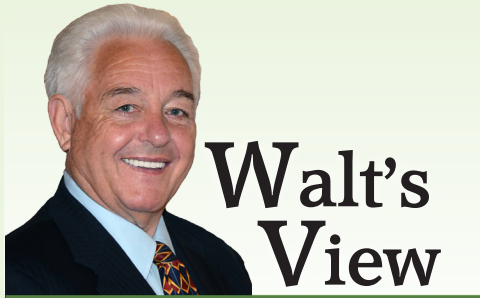


Walt Helmick, Commissioner

Volume 100, No. 7

www.agriculture.wv.gov

July 2016



## Walt's View

### Ag Help Available to Flood-Affected Farmers

Mother Nature dealt a major blow to our state at the end of last month. The flood that ravaged parts of central and southern West Virginia affected many of our friends and neighbors. Lives, homes and possessions have been lost, and our agricultural community was no exception. Lots of people have been hurt and lots of people want to help. I'd like to dedicate most of this month's column to providing information on relief efforts that are on-going.

Farmers who have, or need, hay or other livestock feed should directly contact their local USDA Farm Service Agency (FSA) office. A list of offices and details on FSA emergency programs are available online at <http://offices.sc.egov.usda.gov/locator/app>.

Those with hay or feed to donate may contact FSA county offices or email [Leanne.Taylor@wv.usda.gov](mailto:Leanne.Taylor@wv.usda.gov) at the state office. All hay and feed needs must go through county offices.

*It is also very important that any flood-related damage, regardless of size or value, should be reported so that the most accurate total possible can be reported to the federal government.*

The Farm Service Agency is already collecting farm damage data for potential emergency compensation from the federal government, and they already publish a list of hay for sale, so it's only logical that they coordinate immediate animal feed needs.

WVDA staff members have been working non-stop since flooding began last week, delivering numerous truckloads of stockpiled meals-ready-to-eat (MREs) and cleaning supplies to affected areas. They have also worked with West Virginia American Water Company to open up the company's Princeton treatment facility to water haulers serving flood-affected farmers who need water for livestock.

CONTINUED ON PAGE 2

## Green Bank observatory land being used for potato planting project



Charles Sheets remembers when the land around the National Radio Astronomy Observatory (NRAO) was last farmed.

"The Observatory bought the property in '56 or '57," said Sheets, as a group of local farmers finished up planting on approximately 30 acres of land surrounding the station's iconic radio telescope.

"My uncle used to walk three or four miles every morning to come farm this ground," said Sheets.

He'd come past the school along the main road, and one morning around 5:30, the principal spotted him walking in. Having never noticed him the past, the principal said, "You're early this morning."

"No, I'm an hour-and-a-half late," Sheets' uncle replied.

Farmers are likely to be seen at all hours on the property once again, which lays flat and rich around the small town of Green Bank, despite an altitude of approximately 2,600 feet.

"When the Commissioner [Walt Helmick] was explaining his vision, we thought this would be a great location," said NRAO Business Manager Mike Holstine.

"It's rare to find this much good, flat land in Pocahontas County."

Holstine added that the NRAO has allowed soccer fields on its property over the years, but maintenance has consisted mainly of mowing lots of grass. The property has never been managed for grass.

That's all changing now.

Six teams of local farmers will be harvesting an estimated 300,000 pounds of potatoes in the fall.

"This location will be a good test plot for the rest of the mountain counties in the state," said Commissioner Helmick. "Pocahontas County grew 1,000 acres of potatoes in 1927. They got about 100 bushels an acre back then. We think that using today's technology we can get 300 bushels an acre – maybe more."

Commissioner Helmick also said he was pleased that some of the farmers in the program were quite young and looking to become full-time farmers.

"We have the land, we have the people and we have the opportunity. We need to take a little bit of the risk out these types of endeavors to give these farmers a chance to scale up and feed our state," Commissioner Helmick said.

*Six teams of local farmers will be harvesting an estimated 300,000 pounds of potatoes in the fall.*

## Featured Inside

WVDA Aggregation Facility Opens .....	2
Trees Planted to Honor Military Members .....	3
Maple News .....	3
What's Cookin' .....	4
Gypsy Moth Suppression Signup Begins July 1 .....	5
Classified Advertisements .....	5

THE MARKET BULLETIN  
WV Department of Agriculture  
Walt Helmick, Commissioner  
1900 Kanawha Blvd., East  
Charleston, WV 25305-0170  
July 2016

Non-Profit Organization  
U.S. Postage Paid  
Permit 80  
Charleston, WV 25301

# Department of Agriculture Opens New Produce Aggregation Facility in Huntington

The first of several regional aggregation centers for West Virginia farmers opened Tuesday, June 28 in Huntington. The facility is a partnership between the West Virginia Department of Agriculture (WVDA) and the West Virginia National Guard (WVNG).

The purpose of the facility is to provide another marketing option to small farmers in the region and to re-commercialize agricultural industries that once were common in the Mountain State.

“This is a great day for agriculture in West Virginia. This facility is a model that will be replicated throughout the state and will give farmers the opportunity to grow at a more commercial level,” said West Virginia Agriculture Commissioner Walt Helmick.

“This is a great step in diversifying our state’s economy and will be a great business for Huntington in the future. We’re grateful to General Hoyer [James A. Hoyer, WVNG Adjutant General] for his cooperation, the city of Huntington for its support, and everyone who has assisted along the way.”

Huntington Mayor Steve Williams said that he appreciated Commissioner Helmick’s dedication to agriculture, the City of Huntington, and West Virginia’s independence.

“Thank you for being a man of your word. When I took office three-and-a-half years ago, you promised to make Huntington a central figure in the growing agriculture industry in West Virginia. We’re proud for [this aggregation facility] to be here in Huntington,” said Mayor Williams.

“Agriculture is on the front line. We can grow it here, we can process it here and we can distribute it here. We don’t have to depend on someone far away making a decision that affects us. This is vision,” Mayor Williams continued.

The WVDA will operate the facility for the time-being. The long-term goal is to operate the center as a demonstration project and eventually turn it over to private industry. The building is being leased to WVDA by the WVNG, which had already decided to no longer use the building because

it does not meet current security standards for military installations.

The WVDA has invested \$475,000 in equipment for the building which currently houses a multi-purpose root crop processing and packaging line, a black walnut sheller and a honey extractor. Plans are to expand the center in the future to include cleaning and packing lines for leafy vegetables and tomatoes.



The center, which will serve farmers from Jackson, Mason, Putnam, Lincoln, Wayne and Cabell counties, will be used this fall to process potatoes grown through the Potato Production Promotion Project, a joint effort of WVDA, the West Virginia Conservation Agency and the Western and Guyan Conservation Districts.



Above: West Virginia Commissioner of Agriculture Walt Helmick speaks to a crowd gathered at the grand opening of the new WVDA produce aggregation facility in Huntington. Looking on are representatives of the West Virginia National Guard, U.S. Rep. Evan Jenkins and Huntington Mayor Steve Williams. The facility will be used this fall to process potatoes from the WVDA’s Potato Production Promotion Project being conducted in the region, and will also be used for other root crops.



Above: WVDA State Apiarist Wade Stiltner demonstrates the honey extractor that will be available for use at the new WVDA produce aggregation facility in Huntington. Area beekeepers will be allowed to use the extractor, making it easier for them to process and package local honey.

## Walt’s View, continued

Anyone needing that service should call 304-425-9631.

Hundreds of pounds of fresh produce have also been donated by West Virginia farmers and WVDA staff have collected and distributed that to flood victims.

Staff has also spent a great deal of time helping with companion animal care centers. People wishing to donate pet supplies can take them directly to one of three shelters:

Kanawha-Charleston Humane Association, 1248 Greenbrier Street, Charleston, 304-342-1576; Greenbrier County Humane Association, 151 Holiday Drive, Lewisburg, 304-645-4775; Fayette County Volunteers, 26719 Midland Trail (Midland Trail High School), Lookout, 681-318-8327.

Large donations of pet supplies – palletized loads for example – should be delivered to the WV State Commodities Distribution Warehouse, 2700 East DuPont Avenue in Belle, site of the old Murphy Mart store in the Quincy Shopping Center.

The center is currently open from 8 a.m. – 6 p.m. seven days a week. However workers are asking for a minimum two-hour notice of large deliveries. The phone number there is 304-881-2708.

Preliminary estimates show 31 counties reporting

damage to FSA. Ten counties have an official Presidential Disaster Declaration: Greenbrier, Kanawha, Nicholas, Clay, Fayette, Monroe, Roane, Summers, Webster and Pocahontas.



WVDA staff members have delivered numerous truckloads of stockpiled meals-ready-to-eat (MREs) and cleaning supplies, as well as fresh produce to flood-affected areas.

FSA’s Emergency Conservation Program is beginning immediately in six counties: Braxton, Clay, Nicholas, Webster, Greenbrier and Pocahontas. Other counties are still working with their county FSA committees to determine if damages are severe enough to warrant federal help in this cost share program.

All of these counties have a declaration for public assistance and individual assistance. Having the individual assistance approved creates eligibility for USDA/FSA Emergency Loans for the primary county and all contiguous counties.

WVDA staff has gone above and beyond the call of duty during this emergency, as have public employees and volunteers throughout the state. As a lifelong West Virginian, I am not the slightest bit surprised by this response, but I am thankful all the same.

Although the flood has been foremost in our minds during recent days, I am happy to report that our long-planned opening of the Huntington produce aggregation facility occurred June 28. This is an important milestone in West Virginia agriculture and I hope you will read the full story that appears in this edition of The Market Bulletin.

*Walt*

# Black Walnut Trees Planted to Honor Military Members



tree planting/memorial. Together they filled the soil in around the small saplings and patted down the earth. The other 51 trees were adopted out in the community. They'll be planted in yards and on farms across Roane County.

"It's pretty touching when you get people together and plant a tree in their honor and memory," said Spencer Mayor Terry Williams. "People will nurture that tree, love that tree. They'll see it grow and remember what it's all about. We need to keep the memories [of these men and women] alive."

Shirley White, a Gold Star mother who lost two sons, called the trees "living monuments." She says it helps to get the word out about the wars that were fought and the lives lost.

"Over the years, tens of thousands of West Virginians have served in the military and given their lives for our country," stressed Commissioner of Agriculture Walt Helmick. "The black walnut tree represents the strength of those military members. The trees are hardy, weather strong storms and provide protection."

It will take about 15 years for the trees to reach their full height, 50 feet or more. One day they'll also produce black walnuts which the town has long valued and celebrates each October.

"These trees will provide shade, beauty and an edible resource for generations to come," said West Virginia Veterans and Warriors to Agriculture Director James McCormick.

The Veterans and Warriors to Agriculture program plans to plant more trees in honor of service members around the state. For more information, contact WVDA Communications Officer Buddy Davidson at 304-558-3708 or [bdavidson@wvda.us](mailto:bdavidson@wvda.us).



**Vicki Matics of Spencer lost her military member son 10 years ago. She planted a Black Walnut tree, donated by the WVDA, in his honor at Spencer's Heritage Park June 7. More than 50 other trees were adopted out to other Roane County families.**

West Virginia Veterans and Warriors to Agriculture planted the seeds to honor military members and Gold Star families for years to come. The West Virginia Department of Agriculture (WVDA) donated 55 black walnut trees, one representing each county in the state, to the city of Spencer, the home of the Black Walnut Festival. On June 7th, veterans and Gold Star families, those who have lost a service member, helped plant four of those trees at the city's Heritage Park.

"My son lost his life 10 years ago in the South Pacific. He grew up every summer here in West Virginia," explained Vicki Matics of Spencer. "We buried him here. This means a lot to me that I can see a tree growing in honor of him. His memory and legacy will live on."

Matics and three other Gold Star mothers were on hand for the

## MAPLE news.....

### WV included for the first time in National Maple Survey

For the very first time, West Virginia was included in the National Maple Survey, conducted by the U.S. Department of Agriculture Statistics Service (USDA-NASS). The survey was released in June and breaks down how much maple syrup West Virginia producers are tapping.

- 83 maple syrup producers participated in the survey, 75 responded, yielding a 90 percent response rate
- 48,000 taps were reported in 2016 in West Virginia
- Each tap produced on average .125 gallons of syrup
- 6,000 gallons of maple syrup were produced by those who responded
- This year's maple season ran from February 9-March 12

"We are excited to see another agriculture commodity expanding its production and marketing," said Commissioner of Agriculture Walt Helmick. "A former Massachusetts Maple Syrup Association executive was in our state back in May and he was very impressed by what West Virginia is doing and, more importantly, the industry's potential. Maple production could become a significant economic driver in our state."

The 2015/2016 maple season was a challenging one for West Virginia producers. Unseasonably warm weather through the end of December delayed the start of sap flow. Two weeks of 70-degree weather in early March ended the season early. Despite the weather conditions, West Virginia maple producers were able to make quality products ranging from syrup to maple butter, maple cotton candy, maple sugar and more.

The maple survey was conducted from April 28 - May 17. For more information on the survey, contact WVDA Communications Officer Buddy Davidson at 304-559-3708 or [bdavidson@wvda.us](mailto:bdavidson@wvda.us).

### West Virginia to Hold Maple Camp in July

It's time to go to camp! The West Virginia Department of Agriculture, West Virginia University, the West Virginia Maple Syrup Producers Association (WVMSPA) and Cornell University are teaming up to host the Mid-Atlantic Maple Camp set for July 20-23 at West Virginia University. The four-day event will focus on maple syrup production, one of the state's fastest growing agri-industries.

"We are excited to host this year's event, the first time for West Virginia," said Commissioner of Agriculture Walt Helmick. "West Virginia has tens of thousands of acres of trees just waiting to be tapped. We have the natural resource, climate and know-how to expand. Now we need to educate landowners on how to begin or grow an existing maple business."

**For more details and a full schedule of events, log on to the WVDA webpage at: <http://goo.gl/T0Xm0p>.**

Maple Camp begins on July 20 with a pre-conference workshop featuring Les Ober, the Agriculture and Natural Resource Program Coordinator at Ohio State University specializing in maple production. The conference officially gets underway later that day with dinner.

"Maple Camp is all about learning from those who have been there," stressed WVMSPA President Ed Howell. "We have a group of maple experts presenting workshops and field trips to working maple operations to help campers learn what the industry entails."

The Mid-Atlantic Maple Camp is made possible by a grant through the USDA Specialty Crop Block Grant Program.





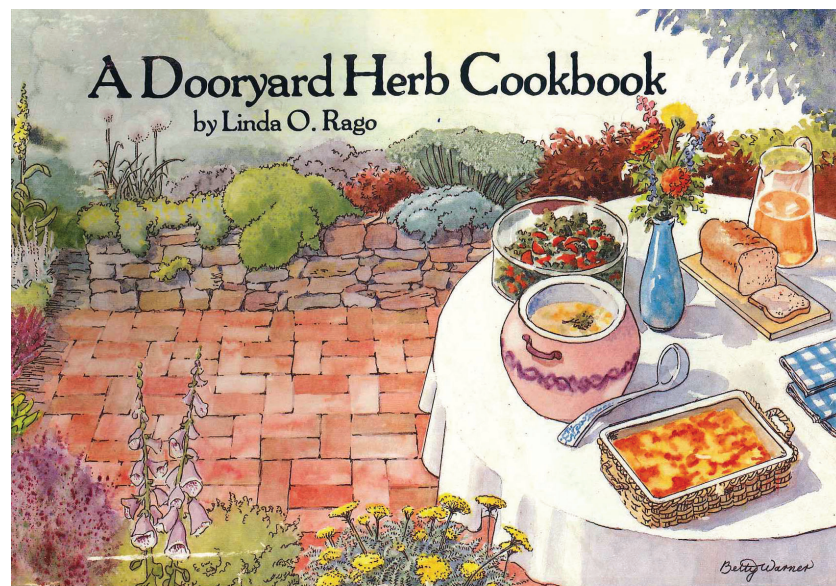
# Fresh Summer Herbs

Fresh herbs are a great way to incorporate a lot of flavor, color and freshness to your dishes. A *Dooryard Herb Cookbook* helps readers learn about herbs from growing them to using them in cooking. Author Linda Rago describes this cookbook as “full of West Virginia recipes.”

“I think that food, for a lot of people, means home. If you eat a dinner consisting of food that your grandmother cooked, that really is a connection.”

Rago has written several acclaimed books on herbal gardens and herbal remedies.

Her books can be found on [amazon.com](http://amazon.com).



## Summer Vegetables with Herbs

*This large dish is hearty enough for a supper in August. It too uses the fresh produce most available right now.*

- ½ pound fresh green beans
- ½ cup onion, chopped
- 3 tablespoons chopped fresh parsley
- 1 teaspoon salt
- ¾ teaspoon fresh thyme
- ½ teaspoon minced fresh sage
- Pepper
- ½ cup water
- 2 cups sliced yellow squash
- 3 tomatoes, cut into wedges
- 2 tablespoons softened butter

Combine the beans, onion, herbs and water in a large skillet and bring to a boil. Cover and reduce heat to a simmer for 10 minutes. Add squash and a little more water to the skillet. Cover and simmer 10 more minutes. Drain, add tomatoes and butter. Stir until the butter is melted and then serve at once.

## Baked Ripe Tomatoes with Chives

- 4 large red tomatoes
- Salt and pepper
- ⅓ cup bread crumbs
- 1 clove garlic, minced
- 2 tablespoons chopped chives
- 4 tablespoons freshly snipped parsley
- 3 tablespoons olive oil
- Butter

Halve tomatoes and scrape out seedy parts. Sprinkle with salt and turn upside-down to drain. Combine the other ingredients and stuff the tomatoes. Place in greased pan, dot with butter and bake at 400°F. for 15 minutes. For a real old-timey flavor, serve with a nice rich brown gravy poured over the tomatoes.

## Herb Garden Gazpacho

*We feel the urge to gather and use all that green lushness in the herb garden. This cold soup tastes of the essence of summer's end.*

- |  |  |
|--|--|
| 1½ cups seeded, peeled fresh ripe tomatoes | 1 clove garlic minced or 2 tablespoons fresh Chinese garlic chives |
| 1 cup seeded, peeled cucumber              | 1 large fresh basil leaf, chopped                                  |
| ½ cup clear beef broth or bouillon         | Salt and pepper  |
|  | 2 tablespoons chopped chives                                       |

Blend tomatoes, cucumbers, bouillon, garlic and basil in a blender for two minutes. Add olive oil and blend another 30 seconds. Add salt and pepper to taste. Chill for several hours and serve with a generous amount of chopped chives sprinkled on top.

## Freddie's Hot Chicken Salad with Fresh Dill

- |   |  |
|---|--|
| Five chicken breasts                                      | 3 tablespoons fresh parsley            |
| 8 hard-cooked eggs  | 2 tablespoons fresh dill weed          |
| 1 12-ounce can black olives, pitted                       | 1 teaspoon finely chopped chives       |
| 1 large onion, finely chopped                             | 1 cup mayonnaise                       |
| 2 cups fresh com cut from the cob and cooked until tender | 1 can undiluted cream of mushroom soup |
| 1 small jar of sweet red pimientos                        | ¼ cup crushed potato chips             |

Simmer chicken breasts until tender; shred. Place chicken in a large bowl and add hard-boiled eggs, coarsely chopped. Cut olives in half and add to chicken mixture. Add onion, com, drained pimientos and herbs. Combine the mayonnaise and soup. Add to salad and mix well. Sprinkle potato chips over the top and bake in a 350°F. oven for about 20 minutes until the salad is bubbly and the top slightly browned.

## Corn and Zucchini with Dill Weed

*Take advantage of the vegetables from the garden, both at home and at roadside stands and farmers' markets. They are most delicious right now. Sowing a crop of dill every few weeks all summer will ensure a constant supply of dill weed, one of the true treasures of summer.*

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| ¼ cup butter                       | ½ teaspoon salt                     |
| 4 cups sliced zucchini             | 1 tablespoon minced fresh dill weed |
| 1½ cups fresh com cut from the cob |                                     |
| ½ cup chopped onion                |                                     |
| ⅓ cup chopped green pepper         |                                     |

Melt butter in a large skillet, add vegetables and salt. Cover and cook over medium heat for 10 to 12 minutes. Sprinkle on dill weed and serve at once.

# Signup for 2017 Gypsy Moth Suppression Program Begins July 1

Agriculture Commissioner Walt Helmick is urging West Virginia landowners to help the West Virginia Department of Agriculture (WVDA) fight gypsy moths, the state's number one forest pest, through the Cooperative State-County-Landowner (CSCL) Gypsy Moth Suppression Program.

The gypsy moth is still one of the most serious forest pests in West Virginia according to Quentin "Butch" Sayers, Assistant Director for the WVDA. "The gypsy moth is a non-native, invasive insect that feeds on over 500 species of trees and shrubs, including West Virginia hardwoods" said Sayers. "Defoliation by gypsy moth caterpillars can weaken trees, making them more susceptible to other pests and diseases. This treatment program helps to safeguard our forest resource including homeowner's trees and our timber and tourism industries, which are vital components of our state's economy. Without control measures, our water quality, recreation experiences, wildlife habitat, and timber production could all be negatively affected" said Sayers.

The CSCL Gypsy Moth Program will accept gypsy moth egg mass survey applications from landowners Statewide starting July 1st. Application forms and brochures are available at the WVDA's Plant Industries Division website at: [http://www.agriculture.wv.gov/divisions/plantindustries/Pages/Forest\\_Health\\_Protection.aspx](http://www.agriculture.wv.gov/divisions/plantindustries/Pages/Forest_Health_Protection.aspx). You may also obtain applications and brochures at your local WVU Extension offices, and at WVDA field offices in Charleston (304-558-2212) and New Creek (304-788-1066). A refundable deposit of one dollar (\$1.00) per acre must be submitted with the application. This deposit will be used toward payment for treatment if the landowner qualifies for treatment. The signup period runs from July 1– August 31.

Landowners must provide a 7½-minute topographic map or aerial photo with property boundaries clearly marked. The WVDA cannot map your property for you. Maps are available from the United States Geological Survey at 1-888-ASK-USGS or their website at <http://store.usgs.gov>.

The minimum acreage required to participate in the program is 50 contiguous acres of wooded land. Adjoining landowners may combine their properties to meet the acreage requirement. The presence of electrical transmission lines, communication towers, etc. may prohibit some blocks or portions of some blocks from being sprayed.

Once applications and deposits are received, a forest health protection expert

will visit the landowner's property to determine if the level of gypsy moth infestation meets program guidelines. A final decision to participate in the program must be confirmed by signing a contract with the WVDA by early December 2016. A final payment to the WVDA will be required prior to actual treatment. Notification of the deadline for final payment will be by mail.

For more information, contact WVDA Assistant Director Quentin "Butch" Sayers or WVDA Gypsy Moth Program Coordinator G. Scott Hoffman at [gghoffman@wvda.us](mailto:gghoffman@wvda.us) (304) 788-1066.

## Farming into the Future

### Buffalo High School Teen Shines in the National Spotlight

Kelly Irvine is just 15 years old. However, the rising junior at Buffalo High School in Putnam County has a big voice and she used it to tell the world about the importance of technology in agriculture.

Irvine participated in the Land 'O Lakes "Fields of the Future" webcast on June 15. Also on hand for the event was U.S. Agriculture Secretary Tom Vilsack and other industry leaders talking about the importance of agriculture and what the future holds.

A 2015 National FFA Agriscience Fair Finalist, Irvine caught the attention of the show's producers earlier this year. She sat in front of a camera and studio audience at the Land 'O Lakes WinField Crop Adventure at Fair Oaks Farms in Indiana and shared her story. A 7th generation farmer who wants to study agriculture biochemistry at West Virginia University, Irvine stressed the importance of getting the word out about the industry.



Irvine, cont. on page 8

# Classified Announcements

Available on the Web: [wvagriculture.org/market\\_bulletin/market\\_bulletin.html](http://wvagriculture.org/market_bulletin/market_bulletin.html)

To Submit an Ad: ▶

- Phone: 304-558-2225
- Fax: 304-558-3131
- Email: [marketbulletin@wvda.us](mailto:marketbulletin@wvda.us)
- Mail: 1900 Kanawha Blvd., E. Charleston, WV 25305

### AD DEADLINES

#### August 2016. . .

Phone-In ads for the August issue must be received by **12 noon on Thursday, July 14.**

Written ads for the August issue must be received by **1 p.m. on Friday, July 15.**

#### September 2016. . .

Phone-In ads for the September issue must be received by **12 noon on Monday, August 15.**

Written ads for the September issue must be received by **1 p.m. on Tuesday, August 16.**

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

### Cattle Sales

**Texas** Longhorns cows: 4-yr burgundy brindle w/2-mo. bull calf, light chocolate, cow exposed to bull, \$2,500; white w/brindle tri spots, due to calve, 7/16, \$2,000; unreg. yrlg. heifer, black/white, \$600. Lisa Bever, 100 Cabin Ridge Dr., Buckhannon, 26201; 472-8205.

**Reg.** Black Hereford yrlg. bulls, polled, pased BSE, good disp., ready to work, \$2,200. Jeremy Cantrell, 243 Cantrell Lane, Duck, 25063; 395-1343.

**¾ Limousin** 8-mo. bull, red, \$900. Daris Christian, 1888 Keister Rd., Lewisburg, 24901; 497-4349.

**Reg.** Black Angus cows/calf prs., 6, bred to reg. Shorthorn bulls, cross bred calves by side, good disp., \$2,500. Rosemary Conner, 21 Whitney Run Lane, Cameron, 26033; 845-9778.

**Reg.** Sim/Angus bull, 4½-yr., Dream Catcher AI son, proven calving ease, \$3,500. JD Cunningham, P.O. Box 73, Smithville, 26178; 488-4182.

**Reg.** Polled Hereford bulls, semen tested, ready for service, \$2,000/up. Bobby Daniel,

P.O. Box 214, Fairdale, 25839; 575-7585.

**Black** Hereford & Black Angus cross bulls, \$1,500/up. Brian Dilley, 8351 Browns Crk. Rd., Dunmore, 24934; 799-7434.

**Black** Hereford bulls, reg. w/papers, good disp., \$3,000-\$6,000. Stephen Dilley, 8351 Browns Crk. Rd., Dunmore, 24934; 799-7434.

**Pure** Limousin bulls, breeding age, red & black, top blood., \$1,700/up. Don Fleming, 701 Deerwalk Hwy., Waverly, 26184; 464-4261.

**Reg.** Black Angus 3-yr. - 6-yr. cows, bred to Angus/Limousin cross bull, due to calve starting 2/1, \$1,500/ea., del. avail. Tim Harsh, 1768 Clifton Run, Kernes, 26276; 621-7313.

**Pure** Angus 16-mo. heifer, excel. blood, \$1,200. D. Kuhn, 215 Pilot Dr., Elkview, 25071; 419-3842.

**Reg.** Polled Hereford yrlg. bulls & heifers, various ages, all Remittal Online 122L blood, \$1,200/ea.. Peggy Kyer, 1040 Charleston Rd., Spencer, 25276; 927-3579.

**Reg.** Polled Hereford bulls, easy calving, haltered, good disp., \$1,800/up. Neil Litton, 1194 Armstrong Rd., Summersville, 26651; 618-7313.

**Reg.** Limousin, 5-yr. bull, red, dbl. polled, good disp., \$3,000. James Marks, 1093 Mt. Pleasant Hill Rd., Belleville, 26133; 863-8774.

**Reg.** Black Angus 5-yr bull, good disp., \$2,000. Scotty Meadows, 195 Three Crosses Rd., Camp Creek, 25820; 487-1789.

**Jersey** 18-mo. bull, naturally polled, good disp., make good herd sire, ready to breed, A1/A2 milk genetics, 800-900 lbs., can text or email pictures, \$800. Mark Miles, 2695 Suals Run Rd., Buckhannon, 26201; 472-2558.

**Reg.** Black Angus yrlg., bulls, sire is embryo transplant of SAV Pioneer & Rita White-stone blood, calving ease, good milk/disp., tested free or no carrier ancestry of AM, CA, NH, DD, M1, D2, \$2,500. Melvin Moyers, 11779 US Hwy. 33 W, Normantown, 25267; 354-7622.

**Reg.** Black Angus bulls, \$2,000/up. John O'Dell, 3442 Amma Rd., Amma, 25005; 565-3504; evenings.

**Reg.** Angus 5-yr. bull, excel. disp., has been good w/heifers, \$2,000. Lacey Parsons,

8135 Fees Branch Rd., Ashton, 25503; 593-5266.

**Reg.** Shorthorn, 15-mo. bulls & heifers, \$1,500. Larry Roberts, 368 Sugar Run Rd., Littleton, 26581; 775-2787.

**Reg.** Black Angus: 4-yr., herd bull, \$2,800; yrlg. bulls, semen tested, \$2,200/up, both Frontman blood, EPDs, AHIR & health records avail., easy calving, excel. disp., \$2,400. Lillie Robinson, 317 Twistville Rd., Sutton, 26601; 765-5157.

**Sim/Angus** yrlg. bulls, 50/50, black, polled, calving ease, \$2,000. Leslie Rogers, 1020 Stadium Drive, St. Marys, 26170; 684-7133; les-lie16@suddenlink.net.

**Reg.** Black Angus beef steers, 3, grain fed & pastured, 800-900 lbs., \$1.55/lb./on the hoof. Nate Romano, 203 Ridge Rd., Clarksburg, 26301; 624-5606; nromano50@gmail.com.

**Reg.** Black Angus bulls, \$1,500/up. Ronnie Rowe, 5196 Malcolm Rd., Barboursville, 25504; 690-0126.

**Sim/Angus** 25,18-mo. heifers, cross, sired by Salute, open, can hold until 9/1, \$1,250. Robert Swisher, 1186 Berlin Rd., Weston, 26452; 269-3585.

**Jersey** : 3-yr. cow w/1-yr. heifer, \$1,500. Dan Underwood, 827 Brighten Rd., Pt. Pleasant, 25550; 675-2264.

**Jersey** 2-yr. cow, ready to calve, \$1,200; ½ Jersey & ½ Angus 1-yr. heifer, \$600. A. Wiley, 476 Johnson Rd., Nettie, 26681; 846-9491.

**Jersey** 8-mo. heifer, \$700. A. Wooling, P.O. Box 174, Renick, 24966; 497-3354.

### Equipment Sales

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

**Krone** round balers: KR160, 4x5 bales, net wrap, \$5,500/obo; KR130B, 4x4 bales, string tie, \$3,500/obo. Bruce Alt, 280 Edge-wood Lane, Upper Tract, 26866; 476-8045; alt26866@aol.com.

**AC** w/AC 5050, 2 WD, 52 hp, tractor, 2,178 hrs., excel. cond., \$6,500. Marlin Blake, Rt. 1, Box 175B, Glenwood, 25520; 762-2246.

**Horse** drawn riding rotary mower, 40" cut, \$450. Oscar Click, 150 Kensey Durst Rd., Leon, 25123; 593-1974.

**Vermeer** SW2500 round bale wrapper, wraps & dumps bales, good cond., shed kept., 30" plastic wrap, \$7,500. Jane Collins, 63 Tanner Hill, Tanner, 26137; 462-7747.

**JD** 350, sickle bar mower, 7', \$850. Guy Dillon, P.O. Box 547, Fort Gay, 25514; 417-5257.

**Hand** crank sheller, goes on a barrel, \$50. William Doddrill, 4056 Polemic Run, Sutton, 26601; 765-5570.

**JD** 450, manure spreader, hyd. end gate/ push, single beater, good cond., \$5,500. Jack Dugan, 2021 Ballard Rd., Charleston, 25309; 756-2010.

**Cultivators** for JD, LA, tractor, \$100/firm; Holland transplanter, 2-seater, for fast hitch tractor, \$400. Harold Farnsworth, 38 Trainer Rd., Buckhannon, 26201; 472-8254.

**JD** 2-row corn planter, \$625; Ford 2050, DMD, disc mower, \$4,900; NH 55, side del. rake, \$1,400; hay tedder, 1\$,000; MF 25, disc, \$850. Roger Flanagan, 467 Ritchie Farm Rd., Summersville, 26651; 880-0135.

**Vermeer** Super I silage baler, \$5,000/ obo; Tunutti, 10-wheel, v-rake w/center kicker, \$1,500. D. Gall, 1367 Fields Crk. Rd., Independence, 26374; 864-6080.

**David** Bradley walk behind tractor w/sickle bar mower, \$200. Doug Hanna, 47 Cobblestone Lane, Summersville, 26651; 881-5187.

**JD:** 9400, combine, buddy seat, green star monitor, 2,157 Sept. hrs., 918, 18', flexible head, 643, corn head, very clean, shed kept, \$60,000. Samuel Harper, 6573 US Hwy. 220 S., Moorefield, 26836; 668-0855.

**JD** '12, 448, round baler, hyd. tie, \$9,300/ obo. Earl Hill, 3210 Ellis Fork Rd., Chapmanville, 25508; 855-7828.

**Taylor** backhoe, fits 3-pt. hitch, independent hyd. system, works off PTO, 16" bucket, \$4,200. Harold Hinkle, 235 Wake Robin Trail, Lewisburg, 24901; 645-7967.

**Ford** 9N tractor w/scrapper blade, good cond, \$3,000. Belford Jividen, 341 Pickens Ave., Buffalo, 951-8761.





## WVDA soil testing lab now accredited and processing samples

Laboratories at the West Virginia Department of Agriculture (WVDA) field office in Moorefield are now performing tests on soil following accreditation by the Soil Science Society of America (<https://www.soils.org>).

"Soil sampling is a fundamental part of the nutrient management plans (NMPs) we have been writing as part of the Chesapeake Bay protection program," said Commissioner of Agriculture Walt Helmick. "Performing these tests helps speed the process, and helps to better protect our state's valuable water resources."

Accreditation examines numerous facets of laboratory methods and operation to ensure the overall quality and accuracy of data. The Soil Society of America requires each laboratory to participate in the North American Proficiency Testing Program (<http://naptprogram.org/>), which is specifically designed for laboratories that test soils, water, and plant tissues.

Contact Joshua Hardy, Assistant Director of Environmental Laboratories, at 304-538-2397 for more information, or to submit a sample for analysis.

# Garden Calendar

## July/August 2016

Source: WVU Extension Service  
2016 Garden Calendar

### July

- July 1 .....Seed late cabbage, cauliflower and Brussel sprouts.
- July 2 ..... Seed late corn, snap beans, kale and broccoli. Seed or plant endive.
- July 4 .....Control cabbage worms with DiPel or row cover.
- July 5 .....Watch for early and late tomato blight. Seed carrots and Swiss chard.
- July 6 .....Plant grape or cherry tomatoes for fall. Seed late sweet corn and beets.
- July 7 .....Mulch to conserve soil moisture.
- July 8 .....Watch for Japanese beetles.
- July 9 .....Order garlic seed.
- July 11 .....Plant Chinese cabbage.
- July 12 .....Remove raspberry canes after fruiting.
- July 14 .....Pinch off the top of black raspberry canes.
- July 15 .....Turn compost.
- July 16 .....For the largest flowers, remove side shoots from main stem.
- July 18 .....Seed collards and kale for fall.
- July 19 .....Harvest summer squash when young and tender.
- July 20 .....Plant cauliflower. Don't let weeds

go to seed.

- July 21 .....Plant fall broccoli and Swiss chard.
- July 22 .....Seed fall cucumbers.
- July 23 .....Water young trees and shrubs during dry periods.
- July 25 .....Plant peppers for fall crop.
- July 26 .....Seed summer squash for fall crop.
- July 29 .....Plant Brussel sprouts.

### August

- August 1 ..... Add non-seed bearing weeds to compost
- August 2 ..... Seed beets. Water plants deeply each time.
- August 3 ..... Seed beans and peas for fall crop
- August 4 ..... Seed Spinach
- August 5 ..... Seed fall carrots
- August 6 ..... Plant cabbage for fall crop.
- August 8 ..... Plant Chinese cabbage.
- August 9 ..... Seed lettuce for fall crop.
- August 10 ... Watch for downy mildew.
- August 11..... Seed mustard greens. Seed radishes.
- August 12 ... Seed fall cucumbers.
- August 13 ... Control broadleaf lawn weeds.
- August 15 ... Take note of new varieties. Seed beets.
- August 16 ... Harvest okra pods every other day. Install sod.
- August 17 ... Seed rutabagas. Seed Asian greens.
- August 18 ... Watch for powdery mildew on pumpkins and winter squash.

**Acreege:** Putnam Co., 50 A. w/new foundation, underground utility ready, septic complete, all fenced, pastures w/ water, 7-stall barn w/hayloft & tack rm. w/water & elec., round pen, private, \$249,000. Stacy Groom, 234 Zinc Lane, Red House, 25168; 541-0969.

**Maple** syrup, pure WV, \$16/qt., \$10/pt., \$6½ pts. Ed Hartman, HC 72, Box 175C, New Creek, 26743; 788-1831.

**Fish for stocking:** triploid grass carp, \$12/ea.; lg. mouth bass, \$1.25; bluegill hybrid/straight, 4"-6", 60¢; channel catfish, 4"-6", 50¢; minnows, \$12/lb.; Koi, 3"-5", \$5; gold fish, 4"6", \$1, package deals avail. Fred Hays, P.O. Box 241, Elkview, 25070; 415-7617.

**Hay**, sq. bales.: '14 cut, \$3/bale or \$2.50/bale for all; '15 cut, \$3.50/bale; \$3/100+ bales; '16 cut, \$4/bale or \$3.50/100+ bales. Rick Humphreys, 858 Plum Run Rd., Mannington, 26582; 825-1988; rikhumfrez@gmail.com.

**Hay**, 4x4 round bales, mostly orchard grass, easy access, \$35/bale/out of field; \$40/bale/out of barn. Thomas Kirk, 112 Woodbend Cove, Winfield, 25213; 586-4116.

**Greenhouses**, 28'x80', gutter connect, many extras, \$5,000, greenhouses are taken down. Phillip Lowe, P.O. Box 579, Shepherdstown, 25443; 671-8758.

**Hay Wagon**, 8x14, \$800. Lewis Martin, 83 Glen Haven Dr., Brideport, 26330; 203-1962.

**Acreege:** Braxton Co., 50 A. on Bug Ridge, no mineral rights, minutes for Sutton dam, 3, nice bldg. sites, \$59,900. Beth Meahl, 7253 US Hwy.19 N., Jane Lew, 26378; 884-7889; bethtinney-meahl@frontier.com.

**Hay**, '16, 1st cut, 4x4, mixed, round bales, \$25/bale. Allen Miller, 946 Cuzzart Mtn. Dale Rd., Bruceton Mills, 26525; 379-9717.

**Aust.** Shep. pups, males: blue merle, \$400 & 5, black tris, \$300, tails docked, vacc./wormed, ready to go after 7/13. Vicki Mitchem, 955 Powley Crk. Rd., Hinton, 25951; 575-6036.

**Hay**, sq. bales, never wet, good quality, barn kept, \$4/bale. Ron Montcastle, 1415 Adams Ave., Milton, 25541; 743-6665.

**Trailer**, equip., 20' w/4' dove on it, ramps, tri-axle, new tires, penal hitch, good wood on the deck, \$4,000; Border Collie 6/16 pups, males, \$300; females, \$350. Alan Myers, 44 Redman Lane, Charleston, 25313; 549-3943.

**Pioneer** equip. forecart, '12, mechanical brakes, bench seat w/cushions & draft shafts, \$1,100; Bio-thane harnesses: split breast pull, \$300; spotted, work w/collar, 24"-26", \$650, all good cond.; more. John Porcella, HC 67, Box 610, Renick, 24966; 497-3875.

**Acreege:** Roane Co., 23 A., good location, next to Geary Library, clinic & schools, 3-4 lots, wooded, 46 Library Lane, Left Hand, \$45,000. Brenda Rich, 5042 Amma Rd., Amma, 25005; 565-4149.

**Hay**, Fairmont-Grafton area, round bales, barn kept, never wet, orchard/clover mix, fields limed/fertilized according to WV Agricultural soil tests, easy access, will load, 1st cut, \$30/roll. Leslie Rogers, 1020 Stadium Drive, St. Marys, 26170; 684-7133; leslie16@suddenlink.net.

**Apples:** Ginger Gold, \$12/bu.; Summer Rambo, \$9/bu., bring containers, call for appt., Paula Ruggles, 131 Ruggles Orchard Rd., Levels, 25431; 492-5751.

**Great** Pyrenees pups, excel. livestock guardians, males & females, \$350. Martin Schaffer, 8781 Evans Rd., Leon, 25123; 895-3973.

**Peaches** & nectarines avail. 7/25-9/7, \$20-\$25/bu.; summer apples, 8/1, \$5-\$20/bu. Garry Shanholtz, 1328 Jersey Mtn. Rd., Romney, 26757; 822-5827; shanholtzorchard@atlanticbb.net.

**AKC** reg. Collie 6/16 pups, sables, vacc./wormed, parents on premises, \$400. Juva Stemple, 2217 Coyote Run Rd., Belington, 26250; 838-8669.

**Hay** 4x5 round bales: outdoor stored, \$750/50 bales; indoor stored, \$25/bales or \$20/50+bales; fresh cut, \$30/bale or \$2,000/80 bales. CJ Stone, 13045 Waterloo Smith Church Rd., Leon, 25123; 634-6699; cjstone@outlook.com.

**Hay**, 25 A. -30 A. of meadow avail for hay production, mixed grasses & clover, fert./limed, yyou cut and keep 2/3rds, pay \$25/bale for remaining 1/3rd. Carolyn Strobl, 2149 Bearwallow Rd., Leon, 25123; 893-1261.

**Hay** 4x5 round bales, mixed grass, net wrapped, \$30/bale. Larry Supple, 17124 Kanawha Valley Rd., Southside, 25187; 675-2098.

**Pure** Great Pyrenees 3/16 pup, female, vacc./wormed, parents on premises, \$450/w/o papers. Renee Walton, 12937 Lavilla Rd., Hillsboro, 24946; 653-4782.

**Easy** entry mini horse cart, 2-wheel, \$350; pony harness, leather, \$125, both excel. cond. John Ward, P.O. Box 305, Craigsville, 26205; 742-3353; krisward85@hotmail.com.

**At Stud:** AKC German Shep., balck & tan, sable, \$500. Myron White, 1340 Emma Rd., Kenna, 25248; 372-5988.

**Alfalfa** hay, \$5/bale/out of field. Ed Williams, P.O. Box 181, Moorefield, 26836; 434-2775; edpatwms@hardynet.com.

**Trailer**, '10, Cornpro, 2-horse slant load w/lg. tack storage area, easy to pull, excel. cond., \$5,500., can text pics. Marilyn Zimmerman, 816 East Riverview Dr., Belle, 25015; 951-0462; marilyn.zimmerman@camc.org.

**Hand** spinning fleece, white & natural colors, Shetland, Border Leicester, Horned Dorset/Shetland, \$10/lb./+/-; spinning wheel, Ashford traditional w/jumbo flyer unit & 5/extra lg. bobbins, \$450. Linda Zinn, 2162 Skelton Run, Wallace, 26448; 782-3704.

### Miscellaneous Wants

**Acreege:** Greenbrier/Pocahontas Co., w/wo house, off the road w/water & trees. E. Combs, P.O. Box 453, Peterstown, 24963.

**Apples**, to purchase & pick from your orchard or single trees from Pendleton, Grant, Hardy, Randolph & Pocahontas Co. B. Glover, P.O. Box 621, Franklin, 26807; 668-2882.

## FLN FARM FACTS

- Rubbing a slice of onion over skin can keep away mosquitoes and other biting insects. (It might also keep away friends!)
- Pigs sleep on average 7.8 hours a day, cows get about 3.9 hours of sleep.



**FIND US ON FACEBOOK**  
West Virginia Department of Agriculture



**FOLLOW US ON TWITTER**  
@WVDeptofAg

Irvine, cont.

"Most kids in high school don't understand what agriculture really is. Most consumers think agriculture is production. Really it's not," stressed Irvine. "There's a lot of science and technology involved in this production to help feed our growing population."

From math and chemistry to engineering, Irvine says there are endless possibilities for young people who didn't grow up on a farm to get into the business of growing food. "By promoting more agriculture in the schools, you can really educate the youth of today in modern agriculture practices."

Irvine had the opportunity to meet and talk with Secretary Vilsack. She's excited about the connections she made and her future in agriculture. "I was very honored to be a part of it," says Irvine. "It was a big opportunity for me."