Ag potential great in Jefferson County

I recently spent two days in Jefferson County, visiting a variety of farms, markets and other agriculture-related facilities. The goal of the tour was to find ways the WVDA can help boost the agriculture industry in West Virginia’s easternmost county.

Jefferson County is uniquely poised to make substantial strides in its agricultural economy. First, it is located within 60 miles of both the D.C. and Baltimore beltways, providing a ready-made market of roughly 10 million people.

A third of the county’s total acreage is in crops, by far the highest percentage in the state – and the number of farms in the county is actually increasing. Between 2002 and 2007, the number of farms in Jefferson County increased 20 percent.

The Jefferson County Farm Service Agency (FSA) office covers three counties in Virginia. It handled over $1.5 million in payments in 2012, 23 percent of the total payments in West Virginia. This office is a very valuable local resource for farmers, and it will continue to be a key asset as agriculture becomes a larger part of the overall economy.

The county is also home to substantial agricultural research resources. During our tour we paid a lengthy visit to WVU’s Kearneysville Tree Fruit Research and Education Center and we made quick stops at USDA’s Appalachian Fruit Research Station and the U.S. Fish and Wildlife Service’s National Conservation Training Center.

But the real resource is the farmers who have actively promoted themselves and their products. Peter Corum with Morgan’s Grove Market is planning to build a major structure to augment his “open air marketplace for local farmers, bakers, chefs, artists, crafters, musicians and special entertainers/educators to share, promote, display and sell their locally grown or made products.” The market welcomes vendors each week and has installed a community garden for this year.

Bill Marshall is operating a production high tunnel financed through the Jefferson County Development Authority. Brian Bircher’s Black Dog Coffee Company is importing a product that can’t be grown here, but is adding value by roasting and retailing premium coffee at numerous locations. His main location provides space for other local food and crafts.

Bill White Grantham says he has a hard time growing enough hay to meet the demand of horse owners in the area. He has built a new barn to store hay, and he operates a small-scale fish hatchery where he grows rainbow trout for local markets.

Walt’s View . . . continued on page 2

Commissioner Helmick talks with Black Dog Coffee Company owner Brian Bircher at the company’s retail store in Jefferson County.

Bill White Grantham shows Commissioner Helmick how he checks for moisture levels in rolls of hay. Grantham says he has strong demand for his hay from the surrounding horse industry.

Jefferson County Agricultural Development Officer Shepherd Ogden (left) and Commissioner Helmick look over an apple breeding project at the Kearneysville Tree Fruit Research and Education Center.

WVDA MISSION STATEMENT . . . The mission of the West Virginia Department of Agriculture is to protect plant, animal and human health and the state’s food supply through a variety of scientific and regulatory programs; to provide vision, strategic planning and emergency response for agricultural and other civil emergencies; to promote industrial safety and protect consumers through educational and regulatory programs; and to foster economic growth by promoting West Virginia agriculture and agribusinesses throughout the state and abroad.
Rob Young and family are using ingenuity and a "waste-nothing" attitude to operate a diversified all-natural vegetable operation. We also visited an operation that buys spent hens from out of state, and then smokes them whole.

This trip was made possible through the hard work of Jefferson County Extension Agent Michael Harman, Jefferson County Agricultural Development Officer Shepherd Ogden, and Jefferson County Development Authority Director John Reisenweber. My thanks to them for organizing a very interesting and informative itinerary for us.

Jefferson County’s potential is obvious, but there are also obstacles to continued growth. The U.S. EPA’s continuing, and at times unreasonable, focus on the Potomac River watershed is one barrier to farmers. But the biggest problem facing farmers in Jefferson County is the deer herd. Farmers there report 22 percent crop losses each year due to deer.

Any company that could generate a 22 percent profit margin is one I would call very successful, so if we can put a substantial dent in deer losses, we could help our farmers be much more successful from a financial standpoint. I will be meeting with the Governor to see what can be done to deal with this critical issue.

I hope you had the chance to enjoy the Sesquicentennial events surrounding West Virginia Day. I attended the opening ceremonies Thursday and rode in the parade down Kanawha Boulevard Saturday. I was quite impressed with the crowd that lined the street and filled the grounds of the Capitol Complex during these events. Marketing had a booth on the Capitol Plaza and I commend them for their efforts to boost the Department’s profile and to educate the public about agriculture in the Mountain State.

I also enjoyed attending the Mountain State Art and Craft Fair (MSACF) and the Ripley Fourth of July Celebration over the holiday weekend. I rode in the Independence Day parade – the oldest one in the state – and I helped with the opening ceremony of the MSACF. The MSACF was created as part of West Virginia’s Centennial in 1963, making this year the event’s 50th anniversary. My thanks to everyone who has helped to organize and sustain these landmark West Virginia events throughout the years.

The world quietly reached a milestone in 2011, according to a new report. Farmed fish production topped beef production for the first time. The gap widened in 2012, with aquaculture output reaching a record 66 million tons, compared with production of beef at 63 million tons. And 2013 may well be the first year that people eat more fish raised on farms than caught in the wild. This marks a shift in consumer tastes, and in production capabilities.

Annual beef production climbed from 19 million tons in 1950 to more than 50 million tons in the late 1980s. Over the same period, the wild fish catch ballooned from 17 million tons to close to 90 million tons.

But since the late 1980s, the growth in beef production has slowed, and the reported wild fish catch has remained essentially flat. The bottom line is that getting much more food from natural systems may not be possible. Much of the world’s grassland is stocked at or beyond capacity, and most of the world’s fisheries are fished to their limits or already crashing.

WVDA is working to put fallow fields back into production and to grow the aquaculture industry in West Virginia. In the future, producing the food we eat locally may become a necessity, rather than just a way to eat fresher produce and stimulate the state’s economy.

I’d like to remind all the gardeners out there of the Department’s largest fruit and vegetable contest, which has been going since 1996. Records are maintained in a variety of categories and published on the WVDA website, wvagriculture.org, under the Marketing tab.

The contest is open to any fruit or vegetable grown in West Virginia during 2013. Entrants should send photos and evidence of the size/weight of their prize plants to WVDA, 1900 Kanawha Blvd. East, Charleston, WV 25305.
Peppers, peppers and more peppers!

Susan Maslowski will be the guest What’s Cookin’ columnist through September. Susan is a resident of Milton, WV. She serves as a member of the West Virginia Farmers’ Market Association and is active in the Putnam County Farmers’ Market. She is an avid gardener and enjoys growing a variety of vegetables, fruits and herbs. She is a contributing “field representative” for some nationally known food magazines and writes several food related blogs. Welcome Susan!

Peppers come in an array of shapes, sizes, colors and flavors from sweet to fiery hot. They can be grown in a variety of climates and are well suited for West Virginia gardens. Pepper harvest usually begins in June and can last until the first frost. Packed with nutrients, peppers are a good source of vitamins, minerals and phytochemicals. They can be eaten raw or cooked, providing great flavor and color to enliven summer dishes. Now is the time to enjoy fresh peppers, while they are seasonally plentiful. – Happy Cooking!

PEPPER BUNDLES

Rolls

- 3-3½ cups bread flour
- 1 package dry yeast
- 1 cup buttermilk, heated to 120 degrees
- 1 tablespoon sugar
- ½ teaspoon salt
- 2 tablespoons butter, softened
- 1 egg

Grease a 13”x9” baking pan.

Rolls: In large bowl, combine 3 cups flour and yeast. Stir in warm buttermilk, sugar, salt, butter and egg. Add enough additional flour, until dough pulls away from the bowl. Turn onto lightly floured surface. Knead 5 minutes until smooth, adding more flour if necessary. Cover dough and allow to rise in a warm place.

When dough is double in size, punch down and knead again until smooth and elastic.

Filling: Heat oil in small skillet. Add peppers and garlic. Cook until tender (10 minutes); set aside to cool. When cool, add rosemary, salt, pepper and mozzarella cheese to mixture.

Divide dough into 15 pieces. Roll each piece into 4” circle. Spoon 2 tablespoons filling onto each circle. Bring dough up around filling. Pinch to seal.

Place smooth side up in greased pan. Cover loosely with greased plastic wrap. Let rise in warm place until doubled in size (about 20 minutes).

Heat oven to 375°F. Uncover dough. Bake about 15 minutes or until golden.

Cool on wire rack. For a softer crust, brush tops with softened butter.

GREEN AND GOLD SQUASH PIE

1 (9” or 10”) pie crust
2 tablespoons melted butter
2 medium zucchini, thinly sliced
2 medium yellow squash, thinly sliced
1 small onion, thinly sliced
1 clove garlic, minced
1 medium green pepper, chopped
1 medium tomato, peeled and chopped
½ teaspoon salt
½ teaspoon pepper
1 tablespoon fresh basil, chopped
3 eggs, beaten
½ cup whipping cream
½ cup shredded Parmesan cheese

Prick bottom and sides of pie crust with a fork. Bake at 450°F for 8 minutes until slightly browned. Set aside to cool.

Sauté zucchini, squash, onion, garlic, and green pepper in butter until tender. Add tomato, salt, pepper and basil and heat through. Spoon into pastry shell. Combine eggs and cream. Pour over vegetables. Sprinkle with Parmesan cheese. Bake at 350°F for 30 minutes or until set.

Recipes

Recipes

MEDITERRANEAN STUFFED PEPPERS

4 pounds of mixed peppers for stuffing
2 tablespoons olive oil
1 large onion, chopped
2 cloves garlic, minced
2 cups fresh tomatoes, sliced thin
1½ pounds ground beef
2 cups cooked rice
1 cup raisins (optional)
½ cup chopped fresh parsley
1 tablespoon chopped mint
1 tablespoon coriander
1 tablespoon cumin
1 tablespoon allspice
Salt and pepper, to taste
Extra olive oil for drizzling

Preheat oven to 325°F. Wash and hollow out peppers. Sauté onion and garlic in olive oil until translucent. Cool.

Lightly grease a roasting pan with olive oil. Add a layer of sliced tomatoes, reserving a few to place on top of the peppers. Sprinkle the layer of tomatoes generously with coriander, cumin, allspice, salt and pepper. Drizzle lightly with olive oil.

Mix beef, rice, raisins, parsley, mint and additional coriander, cumin and allspice (about ½ teaspoon each) with onion/garlic mixture. Fill peppers loosely with meat filling. Place filled peppers on top of tomato slices.

Top peppers with remaining tomato slices. Sprinkle with coriander and cumin. Drizzle lightly with olive oil. Bake, covered, in slow oven for approximately 1 hour, basting occasionally with the juices that accumulate in the bottom of the pan. Remove when meat is no longer pink and peppers are fork tender.

(Cooked stuffed peppers can be frozen and re-heated.)
Signup for 2014 Gypsy Moth Suppression Program Underway

Agriculture Commissioner Walt Helmick is urging West Virginia landowners to help the West Virginia Department of Agriculture (WVDA) fight gypsy moths 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 kill trees, making them more susceptible to other pests and diseases. This treatment program helps to safeguard our forest resources 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 in Barbour, Berkeley, Braxton, Brooke, Doddridge, Gilmer, Grant, Greenbrier, Hampshire, Hancock, Hardy, Harrison, Jefferson, Lewis, Marion, Marshall, Mineral, Monongalia, Monroe, Morgan, Nicholas, Ohio, Pendleton, Pleasant, Pocahontas, Preston, Randolph, Ritchie, Taylor, Tyler, Tucker, Upshur, Webster, and Wetzel Counties.

The signup period runs from July 1-August 31, 2013.

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 1-800-ASK-USGS or their website, 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.

Application forms and brochures detailing the program are available at the WVDA’s Plant Industries Division website at: http://www.wagriculture.org/Division_Webpages/PI.html, your local WVU Extension offices and at WVDA field offices in Elkins, 304-637-0290; Inwood, 304-229-5828; Morgantown, 304-285-3133; New Creek, 304-788-1066 and Moorefield, 304-538-2397.

Once applications 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 and making a deposit to the WVDA by early December 2013. 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 Plant Industries Assistant Director, Quentin “Butch” Sayers at 304-788-1066 or qsayers@wvda.us.

Recipes

**RATATOUILLE**

- ¼ cup olive oil
- 1 medium onion
- 1 clove garlic, minced
- 1 small eggplant, cubed
- 1 small zucchini, sliced
- 1 small green pepper, sliced into strips

Sauté onion and garlic in oil in large pot. Add eggplant, zucchini, pepper and mushrooms. Sauté lightly. Add tomatoes, oregano, fennel seeds, salt and pepper. Simmer until vegetables are softened and the stew is thickened. Spoon into bowls. Sprinkle with Parmesan cheese.

- Several mushrooms, sliced (optional)
- 2 ripe tomatoes, chopped
- 1 teaspoon oregano
- ½ teaspoon fennel seeds
- 1 teaspoon salt
- ¼ teaspoon pepper
- Parmesan cheese

HELMICK URGES FARMERS TO REPORT ANY DAMAGE FROM RECENT RAINS

Commissioner of Agriculture Walt Helmick is urging farmers in central West Virginia to report any damage caused by recent rains to local USDA-Farm Service Agency (FSA) offices. Hardest hit counties are thought to be Roane, Jackson and Calhoun, although weather-related damage can be reported whenever and wherever it occurs.

Numerous assistance programs with a variety of relief are available from the federal government. Some require formal disaster declarations, while others do not. However, a declaration paves the way for more programs, and Congress often approves additional funding and additional programs based on declarations.

Locally-elected county FSA committees (COC) oversee the local programs, implementation and payments, and must request specific disaster assistance programs, but the USDA County Emergency Boards are responsible for the actions and assessments leading to disaster declarations. Likewise, there is a USDA State Emergency Board that works toward the same goal at the next level.

Some declarations are orchestrated by the USDA County Emergency Boards, passed upwards to the USDA State Emergency Board, and then the info goes through the Agriculture Commissioner and the Governor. If declared, certain programs automatically become available without needing a special request from the local COC. Some declarations may be done by the individual FSA State Executive Director.

Local FSA contact information can be found at http://offices.sc.egov.usda.gov/locator/app?state=wv&agency=fsa.

GARDEN CALENDAR

Aug 2013

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 1</td>
<td>Water plants deeply each time.</td>
</tr>
<tr>
<td>Aug 2</td>
<td>Watch for powdery mildew.</td>
</tr>
<tr>
<td>Aug 3</td>
<td>Control broad leaf lawn weeds.</td>
</tr>
<tr>
<td>Aug 4</td>
<td>Apply nitrogen to strawberries.</td>
</tr>
<tr>
<td>Aug 5</td>
<td>Add non-seed bearing weeds to compost. Seed beets and carrots.</td>
</tr>
<tr>
<td>Aug 6</td>
<td>Watch for downy mildew.</td>
</tr>
<tr>
<td>Aug 7</td>
<td>Seed radishes.</td>
</tr>
<tr>
<td>Aug 8</td>
<td>Seed lettuce.</td>
</tr>
<tr>
<td>Aug 9</td>
<td>Add non-seed bearing weeds to compost. Seed beets and carrots.</td>
</tr>
<tr>
<td>Aug 10</td>
<td>Watch for downy mildew.</td>
</tr>
<tr>
<td>Aug 11</td>
<td>Seed radishes.</td>
</tr>
<tr>
<td>Aug 12</td>
<td>Control broad leaf lawn weeds.</td>
</tr>
<tr>
<td>Aug 13</td>
<td>Apply nitrogen to strawberries.</td>
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<tr>
<td>Aug 14</td>
<td>Turn compost.</td>
</tr>
<tr>
<td>Aug 15</td>
<td>Seed lettuce.</td>
</tr>
<tr>
<td>Aug 16</td>
<td>Add non-seed bearing weeds to compost. Seed beets and carrots.</td>
</tr>
<tr>
<td>Aug 17</td>
<td>Watch for powdery mildew.</td>
</tr>
<tr>
<td>Aug 18</td>
<td>Turn compost.</td>
</tr>
<tr>
<td>Aug 19</td>
<td>Seed radishes.</td>
</tr>
<tr>
<td>Aug 20</td>
<td>Control broad leaf lawn weeds.</td>
</tr>
<tr>
<td>Aug 21</td>
<td>Apply nitrogen to strawberries.</td>
</tr>
<tr>
<td>Aug 22</td>
<td>Turn compost.</td>
</tr>
<tr>
<td>Aug 23</td>
<td>Seed radishes.</td>
</tr>
<tr>
<td>Aug 24</td>
<td>Control broad leaf lawn weeds.</td>
</tr>
<tr>
<td>Aug 25</td>
<td>Apply nitrogen to strawberries.</td>
</tr>
</tbody>
</table>
Four women have been named the West Virginia “Women in Agriculture” honorees for 2013, according to the West Virginia Department of Agriculture (WVDA).

Induction is granted to those women who have made significant contributions to the establishment, development, advancement or improvement of West Virginia agriculture, forestry or specialty crops in the Mountain State. Biographies of the selected women will be featured during the 2013 State Fair of West Virginia.

“This program provides recognition for a very deserving group of people,” said Commissioner of Agriculture Walt Helmick. “I extend my congratulations to this year’s new members. They have all demonstrated a lifetime of dedication to agriculture in the Mountain State.”

2010 ............................................................
Women In Ag
Marge Burke
Jenny Carder
Janet Fisher
Herma Johnson
Ruth Linton
Jean Smith
Katya Orr-Dove
Marjorie Ours

2011 ............................................................
Women In Ag
Cinda Francis
Jane Tabb
Pam West
Jennifer Williams

2012 ............................................................
Women In Ag
Velma Butler
Anna Lee Douglass
Bernadette Law
Virginia Nelson
Mary Phillips
Delores Pomeroy
Sandra Smith
Virginia Tabb
Donna Teter
Jean Woloshuk

SHELBY JEAN HULVER of Baker – Hulver operates a successful 125 commercial ewe flock and a herd of 30 cows. She is active in the Bean’s Settlement Ruritan Club, and has held many offices, including president. She belongs to Ebenezer Lutheran Church at Rio, and has served on the Church Council and is a member of the choir. In her spare time, she does oil paintings depicting scenes from rural life in West Virginia. She has worked with WVU as a participant in many field trials on the reproductive physiology of small ruminants, and has participated in many conservation programs and stewardship programs on her farm. She won a Photographic Excellence Award from Pennsylvania Farmer Magazine, and she and her late husband, Robert, were presented with the Ruritan Outstanding Senior Citizen Award.

KAREN KNIGHT of Glen Easton – Knight and husband Jerry own and operate Knight’s Farm Supply. For years, she has been actively involved with Marshall County 4-H and FFA livestock programs, and is a founding member of the Cameron FFA Alumni Association and actively supports it as well as the Cameron and John Marshall FFA chapters. She also supports youth agriculture programs in Marshall, Wetzel, Tyler and Marion counties in West Virginia, as well as Greene County in Pennsylvania, and Belmont and Monroe counties in Ohio. She is a lifetime member of the Marshall County Fair, won the National FFA Appreciation Award in 2011, the New Holland President’s Award and the Massy Ferguson Customer Satisfaction Award for outstanding sales and service at her company.

CAROL E. WEBB of Burlington – Webb is a Vo-Ag Teacher/FFA Advisor and farmer in Mineral County. She has coached numerous teams to national gold and silver medals. She also secured funding and operates a state-of-the-art aquaculture facility at the Mineral County Technical Center, and has helped numerous students earn their State and American FFA Degrees. Her students also provide the county school system with produce and beef produced in agricultural courses. She is involved with her family’s business, Flying W Farms, LLC, and provides produce for the Flying W market. She and students have built and maintained raised beds for local senior centers and community areas. Webb is an Honorary State FFA Degree recipient, Mineral County Teacher of the Year in 1997, West Virginia Teacher of the Year Finalist in 1997, West Virginia Outstanding Agricultural Teacher in 1998, Honorary American FFA Degree recipient in 1999 and Southern State Agricultural Leadership Award recipient in 2009.

ARLENE REXRODE of Arbovale – Rexrode takes great pride in the 250 acre farm she has operated since her husband’s death in 1995. The farm consists of pasture, hay and woodland, and Rexrode has participated in conservation programs to implement many agronomic and structural practices. She has been a member of the West Virginia Farm Bureau (WVFB) for 45 years. During that time, she has served as Vice Chair of the State Women’s Committee, and received the WVFB Distinguished Service Award in 1997. She was honored at the 2012 Greenbrier Valley Legislative and Awards Banquet, and has served on the Southern States Home Advisory Board. She has been treasurer of the Arbovale United Methodist Church since 1947.

THE MARKET BULLETIN
2013 Recipe Challenge to Launch New Food Business at State Fair of West Virginia

Have you dreamed of selling your family-favorite recipe? Do you wonder how you can own and run your own food-based business? The 2013 West Virginia Recipe Challenge at the State Fair of West Virginia will give competitors the opportunity to showcase their culinary skills and explore future entrepreneurship potential during the competition slated for Sunday, August 11, from 12 p.m. to 3 p.m. in the West Virginia Building.

Emphasizing food product and business development, competitors will present their original recipes and discuss a business vision with a panel of culinary and business experts. The winner will receive business consulting and services designed to launch their food venture in West Virginia.

The competition coincides with West Virginia Agriculture Commissioner Walt Helmick’s priority of providing more food resources and keeping agriculture’s economic impact within the state.

“Our state produces approximately half a billion of in-state food resources, of $7 billion in total food expenditures. The opportunity to contribute to our goal of increasing that contribution to $1 billion annually represents a substantial contribution to economic development throughout the state,” said Commissioner Helmick.

“Identifying and providing technical resources to enterprises in the food sector like those targeted in this competition is a great opportunity to put us on the road to our $1 billion goal.”

Commissioner Helmick will be on hand at the 3 p.m. award ceremony to congratulate the winner and present the prize package provided by the West Virginia Department of Agriculture (WVDA), West Virginia University (WVU), and WVU Cooperative Extension Service, the State Fair of West Virginia, Tamarack and the Tamarack Foundation, Rod Stoner, LLC and Ron McGruder Food Consulting.

A complete list of event guidelines and registration information are available at www.wvagriculture.org and www.statefairofwv.com. The $25 entry fee and applications will be accepted until 11:30 a.m. the day of the event but competitors are encouraged to download and complete the pre-event product questionnaire prior to arrival at the fairgrounds.

For more information, contact WVDA Marketing Specialist Debra Gard at dgard@wvdah.us or (304) 483-4027.

Federal grant will help WVDA monitor food hazards

The West Virginia Department of Agriculture has been awarded $125,000 to continue programs that research the prevalence of foodborne pathogens.

“West Virginia consumers should be reassured about the safety of the food they eat, and the quality of the work being done in our Regulatory and Environmental Affairs Division that the WVDA is recognized as one of the laboratories that can be relied on in the case of a major food safety incident.”

The funding will be provided by the U.S. Department of Agriculture’s (USDA) Food Safety Inspection Service (FSIS), through the Food Emergency Response Network (FERN), a collaboration of food-testing laboratories at the local, state and federal levels. WVDA’s food safety laboratories are part of FERN, the goal of which is to be able to respond to emergencies involving biological, chemical, or radiological contamination of food.

West Virginia State Veterinarian warns of Potomac Horse Fever

The West Virginia Department of Agriculture (WVDA) is warning horse owners of two cases of Potomac Horse Fever (PHF) – one in Preston County and one in Berkeley County in West Virginia, and several cases in central Virginia.

“Horse owners should not be complacent about this disease,” said WVDA State Veterinarian Dr. Jewell Plumley. “Although it cannot be passed horse-to-horse, it can be fatal, and there is a vaccine available.”

The disease is caused by multiple strains of the organism Neorickettsia risticii. It lives in a developmental stage of a freshwater fluke, or worm, which infects aquatic snails and insects. Horses become infected by ingesting infected snails, snail slime and/or aquatic insects.

The first symptoms for horse owners to look for include fever, loss of appetite and, sometimes, diarrhea – which can cause a horse to lose fluids and electrolytes. Monitoring body temperature regularly as well as a horse’s food consumption is important, Dr. Plumley advised. Unless the horse becomes seriously ill, the disease can be successfully treated on the farm through antibiotics, fluids and electrolytes and fever management.

The vaccine is not considered to be extremely effective at preventing the disease, but might lessen the severity of infections. Vaccine booster shots are recommended where PHF has been reported.

Other recommendations include:

1. Reducing the horse’s exposure to aquatic insects and cleaning water buckets and troughs frequently while keeping night lights off to discourage insects;
2. Restricting horses farom access to flowing streams or ponds, standing water or low-lying pasture areas; and
3. Contacting a veterinarian if the horse develops a fever or becomes depressed. Monitoring the horse’s temperature daily helps with early detection of fever.

For more information on Potomac Horse Fever go to the American Association of Equine Practitioners’ website: aaep.org/Potomac_fever.htm.

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For more information on Potomac Horse Fever go to the American Association of Equine Practitioners’ website: aaep.org/Potomac_fever.htm.
**APIARY SALES**


**CATTLE SALES**

Reg. pure Black Angus yr/fg. heifers, $1,500; pure Black Angus bull, $1,600. Robert Covey, P.O. Box 953, Sophia, 25921; 683-5233.

Reg. Black Angus 15- to 18-mo. bulls, 6, Mitty in Focus/New Design/Connexal Lead On/Stone CoalBushwhacker blood, all permanent shots/DNA tested/papers complete, $1,700/ea. Frew Schaefer, P. O. Box 11693, Charleston, 25339; 984-1566.

Reg. Angus 8- to 17-mo. bulls, Predestined/New Frontier/Black Angus yrlg, heifers, $1,500; Angus 8- to 17-mo. heifers, $2,000. Objective 9J32 Idaho, 1471 Bingamon Rd., Worthington, 26591; 592-2717.

Reg. Black Angus 14- to 16-mo. bulls, $3,200 ea., 5 14- to 16-mo. heifers, $2,000. Objective 9J32 sired, certified/ accredited, AHIR-EPDs, excel. disp. Dave Fierbaugh, P. O. Box 11693, Charleston, 25339; 984-1566.


Purebreed Longhorn, spring ’12’ 13 bulls, loud colors; Highland Longhorn cross, spring ’13, $500- $900. Fields Hutchens, Rt. 1, Box 67, Hinton, 25951; 673-2193.

Pure Angus 14-mo. bulls, $1,200/ea. Clark Humphreys, HC 81, Box 195, Peterstown, 24963; 753-9990.

Bull, 18 mo., AI Final Answer, $2,400. Angus 18-mo. heifers, 5 commercial, Final Answer son bred, $1,450/ea. Ronald Kennedy, 468 Melbrand Rd., Morgantown, 26501; 212-8123; windyridge@live.com.


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**AD DEADLINES**

SEPTEMBER 2013...

Phone-In ads for the September issue must be received by 12 noon on Tuesday, August 13. Written ads for the July issue must be received by 1 p.m. on Wednesday, Wednesday, August 14.

To place your ad over the phone call 558-2225.

OCTOBER 2013...

Phone-In ads for the October issue must be received by 12 noon on Wednesday, September 11. Written ads for the August issue must be received by 1 p.m. on Thursday, September 12.

To place your ad over the phone call 558-2225.

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**PRICES**

A price must be included with Market Bulletin items being offered for sale.

**RE**MINDE**R** – As of 209 ten-digit dialing is required for all local calls. Use the area code 304 with all phone numbers in The Market Bulletin unless a different area code is specified with a given phone number.

The second W.Va. area code will be 681.

To subscribe to The Market Bulletin email marketbulletin@ag.state.wv.us or phone 304-558-3708.
Cattle Sales, cont. from page 7

Jersey/Brown Swiss heifer, $800. Gary Meadows, 3473 Guyan Creek Rd., Glenwood, 25520; 576-2345.
Reg. Black Angus yrls., bulls, TTB/Truckville, 111 blood, calving ease, good disp./milk, $1,800. Melvin Meyers, 1117 US HWY 33 N, Worthington, 25527; 354-7622.
Reg. Black Angus yrls. bulls, $10, $1,600/up. James Roher, 1404 Lakeview Rd., Racine, 26568; 552-1786.

Cattle Wants


Equipment Sales

No trucks, cars, vans, campers or other autos; backhoes (except 3-pt. hitch); dozers or other construction equipment; lawn mowers; no pumps; no pumps.
NH: 114 ground driven windrow merger/invert er, $1,500; 840 baler, 4x4x5 bales, $8,500 both garage kept, good cond. Gene Amick, HC 76, Box 42C, Nimitz, 25578; 673-5880.
Blade HD 3-pt. hitch with 7/8’ angle weld/tilt link, $795. Robert Benson, P.O. Box 154, West Milford, 26451; 745-4710; rrbenson2@frontier.com.
MI 165 gas, lincone motor, runs good; 2 bale spears, $3,000. James Jones, 863 Pine Grove Rd., Moneta, 24301; 627-2750.
IH baler needles, 2, will fit several models, $500. All good cond. Larry Sayre, 14390 Lightner Ave., Lewistown, 24901; 647-4545.
Gravely 26” rear mower, $300. Mike Pritt, Rt. 1, Box 250, Beverly, 26525; 636-7372.
Vermeer DiscPro, 10.5’ cut, steel rolls, excel cond.; $20,500. Ford heavy duty rear blade, 7”, tilts/offsets, $600. Jerry Righman, Rt. 1, Box 262, Moatsville, 26505; 457-4647.
JD silage wagon, $1,000; Gehl silage wagon, $1,000; 717-1444, 1445, all good cond. Larry Sayre, 14390 Sand Hill Rd., Letart, 25525; 859-3319; sfarms@frontier.net.
Gravely large riding tractor, 14-GW 50” belly mower, barn kept, excel cond.; $1,900. Carl Smith 1021 Ben Rd., St. Albans, 26517; 549-5666.
Joh Deere 740, 24”, $145; rear mounted Dearborn mower 7’ bar, $1,500. Carl Speessert, Rt. 1, Box 216-M, Monrose, 26283; 704-8276.
MI 110 manure spreader, excel cond.; $4,500. Rodney Stirnspring, 301 Blue Lick Rd., Winfield, 25213; 552-1786.
JD 557 13’ and wheel grain drill, grain/seed box attached, has been recond., $2,500. Bob Tebay, 2569 Dupont Rd., Parkersburg, 26101; 863-7299.
pig PoLe, no rust, shield kept, good cond., $75.00. Jack Wardrobe, PO Box 121, Capon Bridge, 26721; 856-3987.

Equipment W ants

3-pt. hitch backhoe to fit JD 5205. Wade Bennett, HC 70, Box 514, White Sulphur Springs, 24986; 536-3327.
Horse drawn plow. Mike Roach, RR 1, Box 367-D, Lesage, 25537.
IH 911 or 14 hay rake for parts. Lee Sonder icker, Rt. 1, Box 40F, Bridgeport, 26330; 677-1075.

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 accommodations (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.

Doddridge Co.:

11. A w house, garage, well, barn, cabin, free gas, near West Union, $175,000. Clarence Dye, P.O. Box 155, West Union, 26546; 873-1557.

Fayette Co.:


Harrison Co.:

60 A w hose, garage, outbuildings, barns, hayfield, pasture, city/well water, woods, springs, free gas, pasture, fuel generator, $185,000. Richard Natlow 3800 Rock Camp Rd., Wallace, 26448; 721-3741.

Jackson Co.:

46 A w hose, garage, barn, shed, outbuildings, ponds, 12 A, woods, all fenced, city/well water, natural fruit trees, near Fairplain/I-77, $275,000. Sam Bogess, 5623 Ripley Rd., Cott geville, 25239; 372-6136.

Kanawha Co.:

40 A w/hd. bdrm. house w/new metal roof, multiple outbuildings, 2 garages, 2 stall barn, woods, creek, large electrified pasture, city/ well water, spring, possible free gas, $399,000. Mike Dunlap, 2100 Hudson Valley Dr., South Charles town, 25309; 546-1439.

Lincoln Co.:

75 A, 5-stall barn, some fenced, 2 ponds, private/convenient, 2 miles off Corridor G/12 miles from Charleston, Norris home avail. for pay off or owner will remove, $289,000. Gloria Brown, 91 Marleas Court, Sod, 25664; 756-1360.

Monroe Co.:

10 A w/4-bdrm. home, 20X2D studio w/meat processing facility in lower level w/walk in cooler, 32X80 metal bldg., built in ’09, barn, fruit tree, lg. pond, fenced pasture, $225,000. William Miller, Rt. 1, Box 95, Peterstown, 24963; 646-3055.

Putnam/Mason Co.:

105 A, house, metal shed w/workshop, equip, shed, hay field, pasture, woods, small crks, 2 water wells/gardens, farm equip., $500,000 firm. Curtis Smith, Rt. 1, Box 243-B, Giv en, 25245; 586-1184.

Randolph Co.:

228 A w/houses, 2 ponds, barn, monthly income from cell phone tower, standing woods, $1,500,000. Lillie O’Kernick, 105 Wilson Lane, Elkins, 26241; 591-4175.

Roane Co.:

30 A w/house, developed lot, garage, barns, developed/undeveloped city, water, approved septic system, fenced, mineral rights con ve y, no land contracts, $100,000. Gail Harris, PO Box 1273, St. Albans, 26517, 802-2002.

Roane Co.:

31 A w/house, 9 yr., wells, pond, garages, 10 A cleared w/woods, $235,000. Alvin Poling, 1610 Noble Ridge Rd., Reedy, 25270; 927-1089.
FARM WANTS

GOAT SALES

HORSE SALES & EQUINE EVENTS

**Sheep & Goat Events**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>4-H Horse &amp; Rider Fun Challenge</td>
<td>August 4, 2 p.m.</td>
<td>(Rain Date August 18) Sponsored by Kanawha Buckaroos 4-H Club</td>
</tr>
<tr>
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<td>August 10, 10 a.m.</td>
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**Horse Sales & Equine Events**, cont. on page 10
**Horse Show**  
August 17, 3 p.m.  
Sponsored by Jackson County Horse Club  
Jackson County Fairgrounds,  
Cottageville, W.Va.  
Contact Britanni Harrison, 304-531-2524  
or Karen Harrison, 304-532-3339;  
britt10270@gmail.com;  
dwayneh1@prodigy.net.

**Open Show**  
August 18, 11 a.m.  
Sponsored by Green Valley Riding Club  
Pleasantons County Fairgrounds,  
St. Marys, W.Va.  
Contact Claude Farson, 304-665-7674.

**Open Show**  
August 24, 2 p.m. (Rain Date October 12)  
Sponsored by Elk River Boots  
& Saddle Club, Inc.  
Blue Creek Show Grounds  
Contact Carla M. Fisher, 304-382-4951  
or Jane M. Webb, 304-965-5019.

**Open Show**  
August 24, 5 p.m.  
Sponsored by Central W.Va. Riding Club  
Holly Gray Park, Sutton, W.Va.  
Contact Allen or Kim Miller, 304-364-5576;  
cwrc@yahoo.com.

**Wirt County Horse Show**  
August 25, Noon  
Sponsored by L&L Riding Club  
Elizabeth, W.Va. (Behind EMT Building)  
Contact: Leonard Hardway, 304-275-3094.

**NCHA Sanctioned Cutting Horse Show**  
August 31, 10 a.m.  
Sponsored by W.Va. Cutting Horse Assoc.  
WWU Multi-Purpose Arena  
Reedsburg, W.Va.  
Contact: Kathy Buerger, 304-961-2700.

**Campout & Trail Ride**  
August 31-September 2  
Sponsored by Wood County Riding Club  
Moundwood Park  
Waverly, W.Va.  
Contact: Ruthie Davis, (reservations)  
304-588-1407;  
www.moundwoodpark.org;  
linda@mountwoodpark.org.

**For more information about**  
Equine Events in West Virginia,  
contact Marketing Specialist Tracy  
Fitzsimmons at 304-558-2210.

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**Haflinger**  
4-yr. mare w/blaze, flaxen mane/tail,  
$800. Carl Rolfe, 1823 US 60 W, Milton, 25541;  
633-1163.

**Poker Run**  
August 10, 10 a.m.  
Sponsored by Bunner Ridge Riding Association, Inc.  
Bunner Ridge Horse Park  
Fairmont, W.Va.  
Contact Carrie Sell, 304-363-9393;  
c.sell@comcast.net.

**Horse W ants**  
Sponsors by State Fair of West Virginia  
State Fairgrounds, Lewisburg, W.Va.  
Contact Kelly Tuckwiller, 304-645-1090;  
kellyt@statefairofwv.com.

**Stage Coach/Picnic Ride**  
August 15-17, 11 a.m.  
Sponsored by: E.J.’s Cottages  
Dunmore, W.Va. (on the Greenbrier River)  
Contact E.J. Marcum, 304-456-4319;  
enjoycottages@gmail.com.

**State Fair Open Show/ AHO Introductory Show**  
August 15, 5 p.m.  
Sponsored by State Fair of West Virginia  
State Fairgrounds, Lewisburg, W.Va.  
Contact Kelly Tuckwiller, 304-645-1090;  
kellyt@statefairofwv.com.

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**POTATOES**  
Potted seed:  
Bill Myer, 1914 Harrison St., Oak Hill, 25901;  
482-1693.

**Rice**  
long grain, 15 1/2% of dry weight,  
$12/100 lb.  
Mike Pincus, 304-651-9551;  
mypincus@hotmail.com.

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**Sheep Sales**  
**Black Dorper** 2-yr. ram, full, $350. Robert Burke,  
452 Buckhannon Mtn. Rd., Buckhannon, 26201;  
472-5508.

**North Country Cheviot** rams, 5, yrlg., $250.  
Howard Henderson, Rte. 37, Littleton,  
26581; 775-2591;  
hrhenderson@frontiernet.net.

**Katahdin lambs** 30-60 lbs., 1/day ea.  
Rick Humphrey, 858 Plum Run Rd., Manning,  
26582; 825-1988;  
rkhumfrez1962@gmail.com.

**Romonov** $2/ea., purebred, unpapered,  
$200 firm.  
Gwen Kahler 5058 Pullman Rd.,  
Harrisonville, 26362; 997-0268.

**Sheep**  
reg. yr-lg. rams, $10/pair, adult roaster, $4.  
Donna Jordan, 615 Marys Fork Rd., Oma,  
25268; 655-7149.

**Black Star & Black Orpinion** laying, 5  
ea.  
Karen Stewart, 256 Ken Snyder Rd., Tunnelton,  
26444; 282-2177.

**Chinese weeder geese**  
9, adult, $250/ea.  
Brittany Williams P.O. Box 915, Clay, 25043; 618-1658.
### MISCELLANEOUS SALES

**No riding habits or other clothes:**
- **Cable:** 44 A. w/wooden corral, $50 D. & 1-yr.
- **Cows:** 6-yr.

*All by appointment only.*

**Contact:** 639-6111.

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**Miscellaneous Sales**

- **North:** 98 lbs. in 40-bales, $2.50/bale. Henry T. Jr., 1111 E. Main St., Alderson, 24910; 667-7188.
- **South:** 96 lbs. in 48-bales, $3.00/bale. Henry T. Jr., 1111 E. Main St., Alderson, 24910; 667-7188.

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**Contact:** 639-6111.
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Walt Helmick, Commissioner
1900 Kanawha Blvd., E.
Charleston, WV 25305-0170
August 2013
Return Service Requested

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W.Va. Feeder Cattle & Calf Sales 2013 Fall Schedule
Special Graded Feeder Sales - Farm Fresh Cattle
Sponsored by: W.Va. Livestock Auction Markets,

Take in for South Branch Saturday sales is on Friday from 7 a.m.-5 p.m.
Check with sales management for additional board sale cattle which may be available at a later date.
Tel-O-Auction available at markets – contact Phil Osborne

Graded calves available at Weston weekly sales – Saturdays – 4 p.m.
Other yearling cattle and calves are available at all W.Va. Auction Markets on regular sale days.
Contacts: Dwayne O'Dell, WVDA, 558-2211; Jim Bostic, WVCA, 472-4020; Phil Osborne,
Ext. Livestock Specialist, WVU, 293-2651.

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Miscellaneous Wants
Alfalfa hay, 2nd cut, sq. bales. Neil Young, 12 Booney Trace, Montrose, 26283; 636-6846.

Hay 1st cut, 4x4 round bales, $15/bale. Norman Young, 660 Pumpkin Vine Rd., Buffalo, 25033; 937-3246.
Raw fleece, Border Leicester/Shetland/Dorset Horned/Shetland/Cotswold/Finn, white/natural colored, 1 oz. to whole fleece free/$40. Linda Zinn, 2162 Skelton Run, Wallace, 26448; 782-3704.

Alpaca Q&A
Free Alpaca Counseling
Contact Chris Arnold of
Good Shepherd Farm Alpacas
941-4266; 7 p.m.-10 p.m.