

The Market Bulletin

<http://www.wvagriculture.org/>



Gus R. Douglass, Commissioner
Janet L. Fisher, Deputy Commissioner Steve Hannah, Deputy Commissioner

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October 2008

Alternative Energy Sources Discussed

It's been an extremely busy month as we continue to evaluate various programs that might benefit West Virginia and the energy crisis we are facing. I had an opportunity to participate in a national symposium on cellulosic research and what is available and what is envisioned for the future. My belief is that utilizing renewable resources for energy is the way to go, especially when I look at our timber industry, the grasses, and the crop residues we have available that can be converted to ethanol or into burnable pellets.

The conference promoted the efforts of an industry here in West Virginia to develop wood pellets to utilize as a source of heat for broiler houses to replace LP gas, which is extremely expensive. There is a new type of burner being developed for the pellets that is adaptable to poultry houses. The symposium also focused on switch grass and other grasses formed into pellets, which had a BTU of about 700. In my discussion with the presenters, they indicated switch grass was being used as a binder with wood products, as well as coal in order to bring the BTU to the level desired. I'm continuing my discussions with this group and will keep you updated as these concepts develop.

This Department partnered with West Virginia University (WVU) Extension Service and West Virginia Division of Energy, to make it easier for our poultry industry and others to access federal grants that are available for improving the efficiency of the industry through energy conservation. We hope to train state staff to provide the audit free to those considering changes within their operations for their heating needs, such as using the pellets.

Through a WVDA Marketing & Development Grant program, we will be accepting proposals for more development of farmers' markets, both seasonal and year round. I am hoping a major portion of this money can be apportioned to year-round markets that not only will provide fresh fruit and vegetable sales, but also provide more outlets for home-based businesses here in West Virginia.

As many of you who follow my activities as Agriculture Commissioner know, I put great importance on DNA-type research, especially in the Potomac Basin to determine the source of various pollutants entering the waters. After some 12 years of research and upgrading the

WVDA laboratory in Moorefield to the latest technology, as well as highly skilled staff, the U.S. Geological Survey (USGS) has recognized our work. USGS has offered us a grant to work with them in further detection and separation of fecal material from water. I consider this a compliment to the staff in Moorefield that we have been selected. Ours is the only known lab in the state that will be extending itself further into the field of agriculture DNA recognition of contamination in water from wildlife, humans and domestic animals.



Gus' View . . .

tors now know was infected by a carrier horse from Mexico. Canada has now banned the entry of all horses originating from Florida because of the resurgence of this rare horse disease.

A considerable number of horses are in commerce in this state, and as part of a nationwide program we are increasing our surveillance at state horse shows. This action is necessary to protect our overall industry and the valuable animals involved. We've also put this policy into effect at the horse racetracks to tighten security of our tracks where we previously had disease problems.

We have also been experiencing problems with livestock going through the market system. Cattle dealers operating without a license or a bond cannot be permitted to continue operating as they have. We don't want livestock farmers losing money because an individual is not maintaining the necessary records, license or bond. We have one livestock dealer who has been sentenced in criminal and civil contempt cases by the U.S. Food and Drug Administration (FDA). This individual was found guilty of introducing calves into the food supply that had illegal levels of drug residue. This person has been sentenced to six months probation. Under terms of probation, the individual is barred for six months from purchasing, selling, obtaining, or transferring any animals that may be used for human food. After that date, the individual will be prohibited from these activities until the FDA approves their written recordkeeping system.

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Preston County Family Wins Conservation Farm of the Year Middletown Tractor Sales Donates Grand Prize – 200 hours on top-of-the-line John Deere tractor



See complete Farm Tour story in November Market Bulletin

Back row l-r: Ron Rist (John Deere Regional Territory Manager), Commissioner Gus R. Douglass, Laura Gibson, Chelsea Gibson, Greg Gibson (2007 WV Conservation Farm of the Year Winner), Steve Cronin (Middletown Tractor Sales Representative).

The horse industry is again getting considerable attention, as there is a resurgence of rare horse diseases. The most recent incident was in Florida after a horse fell sick with equine piroplasmiasis. This is a blood-borne disease which was thought to be eradicated from the United States in 1988. The horse, and several others who tested positive were euthanized by the Florida Department of Agriculture. All of the positive horses have been linked to the first sick horse that investiga-

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.

New research findings are announced daily in the constant work to protect human health. New findings reported in the United States Animal Health Association (USAHA) News Alert Summaries, September 15, 2008, show a cause of mad cow disease (BSE) may be genetic. In the past it was thought that the cattle prion disease bovine spongiform encephalopathy, also called BSE or mad cow disease, was a food borne disease. The new findings suggest that mad cow disease is also caused by a genetic mutation within a gene called Prion Protein Gene. Prion proteins are proteins expressed abundantly in the brain and immune cells of mammals.

People for the Ethical Treatment of Animals (PETA) continue their quest to halt the production of meat for food by promoting the development of lab-grown meat as commercially viable. This past April, PETA offered a \$1 million prize to any person who can develop marketable, in vitro chicken by 2012. With what is being done in lab research today, I won't be surprised to see more efforts in this research. Significant obstacles that remain in commercially lab grown 'faux' meat are cost and taste. People who have tasted lab-grown "meat" say it's not a gourmet experience. If you think this sounds farfetched, folks, pick up a copy of the *U.S. News and World Report, Frontiers of Science*, August 4-11, 2008 issue.

I was recently given a map showing the counties where wild boar and feral swine have significant populations. Thirteen counties showing a population of feral swine stretching from Mason County right through the middle of the state to Grant County. Monroe County is not noted on the map, but I'm getting reports of sightings. Wild boar seems to be concentrated in Logan, Boone, Raleigh and Wyoming Counties, and can be hunted with archery October 18-December 31, and with

West Virginia Pumpkin Festival

23rd year

October 2-5

Bake-Off Contest, Sat., October 4

W.Va. Pumpkin Park

Milton, W.Va.

For more information, contact
the WVDA, 558-2210.

firearms October 25-November 1. Please note you can only hunt wild boar in Boone, Logan, Raleigh and Wyoming Counties. Clay County citizens have expressed great concern to me about the high numbers of feral swine in their county.

Douglass Farm One of First on West Virginia Quilt Trail

The Douglass barn features an eight-foot square wooden "quilt square."



Travelers on West Virginia's rural back roads will have some additional scenery to enjoy thanks to the Mason County Tourism Center, a small group of dedicated volunteers, farmers – like Commissioner of Agriculture Gus R. Douglass – and farmers' wives, such as Anna Lee Douglass.

The square is one of 25 planned for Mason County in the coming year. They will form quilt trails that organizers hope will move more tourist traffic to the state's farming regions, providing agritourism opportunities for the state's agricultural community.

See complete story in November Market Bulletin.

I want to convey my congratulations to the students on the Point Pleasant High School livestock team who won top honors here in West Virginia. The team will be in competition with other teams from across the nation in November. The WVDA wishes them the best of luck in the national competition, and we'll be providing some travel money to them as well. I'm confident they will represent West Virginia well.

Speaking of livestock activities, I'm very proud of the young men and women who participated in the West Virginia State 4-H & FFA Livestock Round-Up at Jackson's Mill in Weston last month.

I had the pleasure of seeing their showmanship at the livestock sale. This was certainly a boost to our youth to have the opportunity to showcase their skills.

Recognition is also in order for the 2008 Farming Heritage Award winners. This award is provided by the West Virginia Farm Bureau and State Fair of West Virginia. This honor went to A. Goff and Sons Polled Hereford Farm in Ritchie County. This fourth generation farm is marking its 98th year of production. A. Goff and Sons is the oldest continuous Polled Hereford Breeder in America. The generations have strived to maintain a high quality of breeding livestock for the agricultural needs for West Virginia and the nation. It's wonderful to see these folks recognized. I had come to know the late Marion Goff and his wife, LaVonne, very well as they worked to maintain what I considered a wonderful heritage for West Virginia agriculture. LaVonne is still very active in the business.

Two high profile WVU Extension Agents are retiring in October – Wayne Bennett, in Putnam County, and John Marra, in Cabell County. Both are known for their dedication to the industry statewide. Their knowledge and practical experience will be missed. John Marra is well known for his gardening segment on WSAZ TV. I understand he may continue with this activity. Wayne and John each have over 30 years of experience with the Extension Service. We will certainly miss you as will all your constituents in Putnam and Cabell Counties.

In closing, it often seems that farm folks can't win. The weather is the major cause of our losses. The remnants of the recent hurricane coming across the Midwest have caused flooding of the corn and soybean fields. My son just returned from Cleveland, Ohio, and reported that the corn growers are going to suffer a tremendous loss. The 80-90 mph hurricane winds left thousands of acres of corn on the ground. Our corn crop here on the farm did not suffer major damage except for my sweet corn patch. About two-thirds of the beautiful sweet corn, ready to mature, was laid flat on the ground. We will try to salvage what we can. We still have a lot of tomatoes, and a bountiful apple harvest. Hopefully, the turnips will flourish as well. We feel blessed. Everything else is going well on the farm and Anna Lee has been traveling with me when possible. I hope things are going well with you, too.

Sportsmen Warned of Rabies Risk as Hunting Season Approaches

With two cases of rabies confirmed in livestock this year, and nearly 70 cases detected in wildlife during the first half of 2008, the West Virginia Department of Agriculture (WVDA) is warning sportsmen and other forest visitors to avoid animals that are behaving strangely or appear to be unusually aggressive.

"We simply want people to know that rabies is present in West Virginia and that they should use that knowledge whenever they encounter wildlife," said Commissioner of Agriculture Gus R. Douglass. "While the chance of an exposure involving wildlife is small, everyone should remember that rabies is a fatal disease if left untreated, and the treatment regimen is quite expensive and unpleasant. The key is to prevent any exposure to rabid animals."

Perhaps the most likely route of exposure is through unvaccinated pets that come into con-

tact with rabid wildlife and then spread the disease to unwitting humans.

Commissioner Douglass also reminded pet owners that, under state law, dogs and cats must be vaccinated against rabies every two years. He also said that farmers might consider vaccinating livestock, especially valuable breeding stock and show animals.

State law does not require rabies inoculations for livestock, but it does require that manufacturers ship vaccine only to veterinarians in West Virginia, not directly to consumers.

"Veterinarians may sell vaccine to consumers for them to use on their animals, but only for approved livestock," said Commissioner of Agriculture Gus R. Douglass.

The current rabies vaccine is approved only for dogs, cats, cattle, horses and sheep. It is not approved for goats, swine or other animals, ac-

cording to WVDA State Veterinarian Joe Starcher.

"The danger of using the vaccine on unapproved animals is that it may not provide immunization against the disease, giving people in contact with that animal a false sense of security that the animal can't contract rabies," Dr. Starcher explained.

Injections for pets must be given by a veterinarian to ensure proper record-keeping. The veterinarian and the county clerk keep a record of the vaccination, so if a person is bitten by an immunized animal, he or she will know they don't have to undergo treatment.

Regardless of what the label on the vaccine says, under West Virginia law, rabies vaccinations are good for only two years for dogs and cats - and only one year for cattle, horses and sheep, Dr. Starcher added.

Rabies, cont. on page 8

Apiary Fall Management

Important Notice to All Beekeepers

Mid-August is the beginning of fall for the apiary and the time to begin getting the bees ready for winter. Beekeepers should remove all surplus honey supers at this time and start their regiment of mite controls. The colony needs to be inspected for various things at this time, such as the condition of the queen and the performance of her egg laying ability. Colonies with poor brood production need to have their queen replaced. Minor diseases, such as chalk brood, can also be cured by replacing the queen with hygienic stock. It is also time to begin checking pollen and honey stores. Each year is always different from the previous when it comes to the amount of food that the bees have stored. Through August and September the food stores may increase, decrease, or stay the same. Beekeepers need to monitor their hives during these months and make adjustments as needed. During inspections, the West Virginia Department of Agriculture (WVDA) apiary staff have noticed that most colonies have used up the stores of honey that they had in early August and are approaching winter with insufficient supplies.

From late July of this year, rain has been scarce around the state. We believe that this has caused our fall flowers to secrete less nectar for foraging insects. Food supplies coming into the honeybee colonies have been sufficient for increased brood production, but the colonies have used more food than they are bringing in causing stores to be in short supply for winter. We are encouraging beekeepers across the state to immediately inspect their colonies and begin feeding as needed. Time is of the essence since the bees need warm weather to reduce the water content to prevent spoilage of the syrup given. Bees can feed as long as there are flowers blooming. When the last flowers (goldenrod and asters) have finished blooming you should discontinue feeding.

We Need Your Help!

Joe Starcher, DVM, State Veterinarian

Last fall we had some Epizootic Hemorrhagic Disease (EHD) in cattle, and the risk is starting up again now.

EHD is a disease that has been around in deer for a number of years and it was thought not to affect cattle. Now we know that is not the case – if it is actually the same disease.

Commissioner of Agriculture Gus R. Douglass has provided money so we can search for answers. If anyone hears of any sick cattle (lameness, standing at water, slobbering, tongue hanging out and seemingly a paralyzed tongue), please immediately call the Animal Health Division at 304-558-2214 before the animal dies. The first sign of EHD, other than lethargy, usually is a little lameness. However, the disease can progress rapidly and animals can die quickly so prompt notification is critical.

WVDA will collect a sample as soon as possible after notification to try to isolate a virus. If we can isolate a virus, maybe we can get a vaccine.

We have no reports of the disease in sheep, but they could be affected. If any deer farmers have the disease in their herds, we would also like to obtain some blood from a sick animal before it dies.

Questions regarding the health of your honeybee colonies?



Contact WVDA Apiary staff in your area:

- Wade Stiltner, Southern WV: 304-272-5049
- George Clutter, Middle WV: 304-847-2151
- Paul Poling, Northern WV: 304-257-0252

If you inspect your hive and find that it has a shallow or a medium super full of honey then feeding is not required. If you find that you are in need of feeding then there are several options that you can use. Honey is the best food for the colony as long as it was harvested from that apiary and there was no harmful honeybee disease present in the apiary. Replace the empty combs in the colony with frames full of honey. The colony will need at least 40 pounds of honey to get through the winter and into spring. If you feed honey or a syrup solution, a hive top feeder is always the best choice. Make sure that the bees are able to utilize the top feeder without falling into the feed where they may die. The top feeder also needs to be insect proof around the top to prevent other foragers from entering. Various containers can also be used to feed the colony inside by placing them on the frames. Use small sticks to hold the container(s) up to allow the bees to feed. Place an empty super around the containers and make sure that there are no entrances for other insects to enter. Division board feeders which supply the colony with about one gallon of food are also a good choice for feeding inside the hive. Again make sure that your feeder has a float or some other means of preventing the bees from falling into the food and dying. Boardman feeders, which can only supply a pint or quart, are okay if the colony needs only a small amount of food. Boardman feeders are dangerous in that they can cause other foraging insects to attack the colony as they fight for the food if the entrance to the colony is not properly reduced. When Boardman feeders are used, place the feeder to one side and from the feeder block, the entrance to the other side of the landing board. Leave a two-inch opening for the colony and it will be able to defend other foraging insects from getting to the food.

We are finding that the honeybee population in the colonies inspected this fall are in good condition for winter. Mite damage is low for those that have opted to treat late. Colonies that have sufficient food should overwinter in good health.

WVDA SEEKING APPLICATIONS FOR 2009 SPECIALTY CROP GRANT PROGRAM

The West Virginia Department of Agriculture (WVDA) is seeking groups or individuals with ideas for making the state's specialty crops industry more competitive to submit plans to the WVDA for funding consideration. Applicants must submit project requests that include a research and sharing component for the benefit of the specialty crops industry in West Virginia. **Deadline for proposals is November 1, 2008.**

Specialty crops are defined as fruits and vegetables, dried fruits, tree nuts, nursery crops, floriculture, herbs, honey, maple syrup, mushrooms and Christmas trees. Both fresh and processed specialty crops are included. Livestock, poultry, marine or freshwater aquaculture are not considered specialty crops. Grain and feed crops such as, barley, corn, hay, oats, alfalfa, rye and wheat are also not eligible for funding according to the United States Department of Agriculture (USDA) grant guidelines.

The types of eligible projects have been intentionally left open-ended, but should focus on one or more of the following categories: Promotion/marketing, research, education/training, innovation/efficiency of facilities and equipment.

Only one proposal per organization will be accepted. The limit for each grant is \$10,000 and proposals that provide for matching funds – either in cash and/or third party in-kind contributions – are encouraged, but not required.

Proposal packets with program information and application instructions can be downloaded at www.wvagriculture.org. For more information, contact WVDA Marketing Specialists Debra Gard at 304-932-7588 or Cindy Martel at 304-469-9738.

WHAT'S COOKIN'

October 2008

Recipes

Apple Dapple Cake

- 1¼ cups oil
- 2 cups sugar
- 3 eggs
- 1 teaspoon soda
- 1 teaspoon salt
- 3 cups flour
- 1 teaspoon cinnamon
- 3 cups diced apples
- 1 cup pecans
- 1 cup golden raisins
- 1 teaspoon vanilla

Topping:

- 1 cup brown sugar
- ¼ cup milk
- ½ butter
- 1 teaspoon vanilla

Cream together oil, sugar and eggs in large bowl. Sift together soda, salt, flour and cinnamon; add to creamed mixture stirring well. Fold in apples, nuts, raisins and vanilla. Pour into an ungreased tube pan. Bake at 350°F for 1 hour and 20 minutes. Test with cake tester to be sure it is done before removing from oven. Cake will be done when cake tester comes out clean.

Topping: Combine ingredients in small saucepan. Bring mixture to boil, stirring constantly. Boil 3 minutes and pour over cake while both are still warm. Cut cake loose from sides of pan and punch holes in top of cake with a fork. Let set 10 minutes, then remove from pan.

An Apple a Day!

By Jean Smith, Director, Marketing and Development Division

I don't know about you, but to me this year has flown by – it is hard to believe that it is October and time for the last of the year's food related festivals! October 2-5 is the West Virginia Pumpkin Festival held annually in Milton, followed by the West Virginia Black Walnut Festival held October 11-14 in Spencer. Both festivals feature great food contests! Please feel free to contact our office via telephone at 304-558-2210 or email me at jsmith@ag.state.wv.us for copies of the contest rules. It is al-

ways interesting to see the creative ways our West Virginia cooks use these two products.

This month is devoted to apples! Clay County is the home of the Golden Delicious apple and the Clay County Golden Delicious Festival. I look forward to receiving their recipes for future columns. Don't forget – apples are a great source of fiber and Vitamin C. A 2½" apple contains a mere 81 calories! Finally, apples have long been called Nature's Toothbrush! – *Happy Cooking!*

Recipes

Paper Bag Apple Pie

- 4-5 tart apples (Granny Smith, Rome, Macintosh)
- ½ cup sugar
- 2 tablespoons flour
- ¼ teaspoon nutmeg
- 2 tablespoons lemon juice

- 1 unbaked 9" pie shell

Topping:

- ½ cup brown sugar
- ½ cup flour
- ½ cup butter

Preheat oven to 425° F. Peel and slice apples and place in large bowl with sugar, flour, nutmeg and lemon juice. Stir to coat apples with dry ingredients and lemon juice. Spoon coated apple slices into unbaked pie shell.

Topping: Place brown sugar and flour in bowl; cut butter into dry mixture using a pastry blender, fork or two knives. Sprinkle evenly over apples, covering top of the pie. Place pie in large, heavy brown paper bag. Fold twice to seal. Bake at 425°F for 1 hour. Remove from paper bag; cool on rack.

Recipes

Apple Stuffed Chicken Breasts

- 4 boneless, skinless chicken breasts
- 2 tablespoons sugar
- ¼ teaspoon ground cinnamon

- 2 medium cooking apples (peeled and cut into thin slices)
- 1 cup apple cider
- 1 tablespoon cornstarch

Place chicken breasts between two pieces of wax paper and pound until ½" thick. Mix sugar and cinnamon and coat apples well. Divide apple slices among chicken breast halves. Fold chicken around apple slices and secure with toothpicks. Cook over medium heat for 20-25 minutes or until juices from chicken breasts run clear. Remove toothpicks.

In a one quart saucepan, mix apple cider and cornstarch. Cook over medium heat, stirring constantly, until thickened and bubbly. Spoon over chicken and serve.

See "Apple Cheese Salad" recipe in November *Market Bulletin*.

Garden Calendar

OCTOBER

- 6... Harvest green tomatoes and gourds before frost
- 7... Harvest late pumpkins before frost
- 9... Store squash in cool, dry location
- 10... Harvest Winter squash
- 13... Plant Spring bulbs
- 15... Plant of transplant lillies that flower July 15-Sept. 15
- 16... Seed spinach for overwintering
- 17... Turn compost

OCTOBER, cont.

- 18... Seed arugula for overwintering
- 19... Prepare landscape bed for spring planting
- 20... Plant or transplant deciduous trees or shrubs after leaves drop
- 22... Leave grass high after last mowing
- 24... Prune roses and root cuttings
- 25... Mulch greens (chard, collards, etc.)
- 26... Plant garlic
- 27... Fertilize lawn based on soil test
- 29... Have garden soil tested

NOVEMBER

- 1... Remove stakes and trellises
- 2... Daylight savings time ends
- 3... Fertilize under deciduous trees and shrubs
- 4... Mulch carrots for winter use
- 5... Water trees and shrubs thoroughly if Fall has been dry
- 6... First quarter
- 7... Turn compost
- 8... Remove diseased plant debris.

ATTENTION MEMBERS OF THE EQUINE INDUSTRY! WVDA Equine Management Specialist, David Hannon, will begin sending Equine Industry updates via eblasts! If we do not have your current email address and you would like to be a part of the group to receive this information, please send your email address to: dhannon@ag.state.wv.us. *We look forward to hearing from you!*

RECOGNIZING HAZARDOUS TREES

Jill A. Rose, FHP Coordinator/Forest Pathologist

Part two of "Recognizing Hazardous Trees" to appear in the November Market Bulletin.

Trees are vital to the enjoyment of your backyard. Structurally defective trees, however, can fail and cause personal injury and property damage. A tree with structural defects that is likely to cause failure is considered a "high risk" or "hazardous tree" if it could strike a target, such as people, vehicles and structures. Therefore, a defective tree in the woods or an open field need not necessarily be considered a hazard. When personal harm, injury or damage to property occurs because of a defective tree, legally the tree owner is usually held responsible. If the tree is in a public place, such as a park, the responsibility falls to the managers of the tree.

Inspect trees under your responsibility every year. Tree inspections can be done anytime of the year, leaf-on or leaf-off. To be thorough, inspect trees after leaf drop in the fall, after leaf-out in the spring and routinely after severe storms. Inspect the trees systematically making sure to examine all parts and sides of the tree.

Check for dead branches. Dead branches are also referred to as widowmakers. Dead limbs are an accident waiting to happen. They can fall in the slightest breeze, when a mower

bumps the tree, a child climbs in it or sometimes even on a calm day. Dead limbs are a red-flag signal for prompt action.

Check for branches that cross or rub. Branches that cross or rub can invariably lead to weak spots. These should be pruned off as soon as they are spotted, and the smaller, the better.

Introducing Your West Virginia Small Farm Center

By Tom McConnell, Director, West Virginia Small Farm Center

Turning education into action and action into more sustainable farms and communities is the mission of the new West Virginia Small Farm Center (WVSFC), the newest WVU Extension initiative. This center will focus its research, service and teaching efforts toward revitalizing our farm economy as it develops new markets, new ways to access existing markets and further develops the infrastructure required to support a new agriculture.

Producing commodities has served our small family farms very poorly in the last 60 years. Our world has turned its back on local farm production and our consumers are paying the price as well, with a food industry that dictates higher prices, energy waste, and the disassembling of our local economy. An environment where the farmer captures only 19

Determine the tree's vigor. Evaluating a tree's vigor is somewhat subjective. However, experts say, it is the surest early warning that there is a serious health problem in a tree. Vigor is reflected in the amount of leaf cover, and leaf size, color and condition. By comparing your tree with others of like size, you will be able to detect a less vigorous crown.

percent of the food dollar is driving the production centers further from home each year and the result is decreased food security and more people eating lower quality diets.

In 2007, West Virginians spent \$6.8 billion for food. The WVSFC's first goal is to better understand what a \$6.8 billion food expenditure can mean for our farm families. How much of each type of food West Virginians consume and what share of that can we capture for our farmers. To help farmers capture a bigger slice of the food business they must relearn their agricultural mentality from producing commodities for the highest bidder, to one where they see themselves producing food for their neighbors.

Farm Center, cont. on page 12

AGRICULTURE AND FORESTRY HALL OF FAME HONORS SIX

The West Virginia Agriculture and Forestry Hall of Fame (WVAFHF) has chosen individuals from agriculture and forestry for enshrinement into this historical organization. These individuals have devoted their lives and careers to renewable resource industries in our state. **This Bulletin issue features the 2008 Forestry Enshrinees pictured below with WVAFHF President Bill Gillespie at the banquet held in their honor at Jackson's Mill, W.Va.**

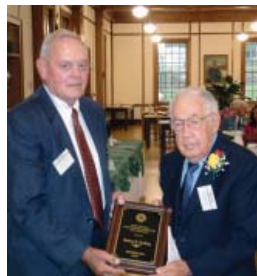
French W. Armstrong of French Creek, W.Va. (Upshur County), is a veteran of WW II and joined the West Virginia State Police in 1948. At about the same time, he started planting Christmas trees and acquiring timberland. As a member of the W.Va. Christmas Tree Grower's Association for

more than three decades, he has served in the various offices including multiple terms as a member of the Board of Directors of both the state and national associations where he is known for his practical solutions to governmental problems. He has served as a member of the West Virginia Forest Stewardship Committee since its inception, served as a County Commissioner, served on the Buckhannon Upshur Chamber of Commerce, the Upshur County Development Authority and belongs to the Central Upshur Lions Club.



Robert E. Keiling of Beckley, W.Va. (Randolph County), has a more than five decades service to the forestry industry. After service in the U.S. Navy, he graduated from North Carolina State University and afterwards worked for the W.Va. Conservation Commission, largely in fire protection in the Raleigh County area.

Bob became an employee of the Tillinghast and Reed Consulting Forestry firm in Boone Co.. Moving from this to J. P. Hamer Lumber Company as Chief Forester, Bob was active in the W.Va. Sawmill Operators Association, forerunner of the W.Va. Forestry Association, was President of the W.Va. Forest Council, and was a noted participant in the Southern W.Va. Forest Fire Protection Association. Bob was one of the first to use rubber tired skidders in West Virginia. In 1981, he began to manage timberlands for the Beaver Coal Company and later organized his own consulting service. For



many years, he was an instructor in the W.Va. Forest Industries Camp and he served on the review board that approved the W.Va. Forest Practice Standards that preceded the US EPA timber harvesting sediment regulations by several years. Bob is active in the church, boy scouts and other civic endeavors.

David K. McCurdy of West Columbia, W.Va. (Mason County) is known far and wide for his service as superintendent of the W.Va. Division of Forestry forest tree nurseries, a position he has occupied for more than 40 years.

A graduate of North Carolina State University, Dave started as a service forester, but soon moved to Parsons Forest Tree Nursery as superintendent. He raised millions of seedlings for various forest tree and Christmas tree operations until the historic flood of 1985 destroyed nearly two decades of work.



— Hall of Fame, cont. on page 12

Special Graded Feeder Cattle Sales

Type of Sale	Location	Date	Time	Number of Head	Phone (304)
Y-C-T	Greenbrier Valley	Oct. 6	7:00 p.m.	900	647-5833
C	Spencer	Oct. 6	8:00 p.m.	700	927-4817
C-T	Buckhannon	Oct. 7	9:00 a.m.	1,000	472-5300
Y-C	Jackson County	Oct. 7	6:00 p.m.	400	373-1269
C-T	Terra Alta	Oct. 8	7:00 p.m.	800	789-2788
C**	Wood Co. Beef Calf Pool	Oct. 9	6:00 p.m.	350	422-2395
C-T	Harrisville	Oct. 10	9:00 a.m.	750	643-2636
C-B-QA-T	E. Panhandle Calf Producers	Oct. 10	1:00 p.m.	1,200	567-2551
C-H-T	Marlinton	Oct. 10	7:30 p.m.	700	799-6593
Y-C-T	South Branch	Oct. 11	10:00 a.m.	1,000	538-6050
PV-C-T*	Weston	Oct. 11	4:00 p.m.	400	269-5096
Y-C-T	Greenbrier Valley	Oct. 13	7:00 p.m.	600	647-5833
Y-C	Jackson County	Oct. 14	6:00 p.m.	400	373-1269
C-T	Weston	Oct. 16	9:00 a.m.	1,200	269-5096
Y-C-T	Marlinton	Oct. 17	7:30 p.m.	600	799-6593
Y-C	Spencer	Oct. 17	7:30 p.m.	600	927-4817
Y-C-T	South Branch	Oct. 18	10:00 a.m.	1,500	538-6050
Y-C-T	Greenbrier Valley	Oct. 20	7:00 p.m.	500	647-5833
Y-C-T	Buckhannon	Oct. 21	9:00 a.m.	1,000	472-5300
Y-C	Jackson County	Oct. 21	6:00 p.m.	400	373-1269
Y-C	Terra Alta	Oct. 24	2:00 p.m.	350	789-2788
C-T	South Branch	Oct. 25	10:00 a.m.	1,500	538-6050
C-T	Weston	Oct. 25	4:00 p.m.	400	269-5096
Y-C-T	Greenbrier Valley	Oct. 27	7:00 p.m.	500	647-5833
Y-C	Jackson County	Oct. 28	6:00 p.m.	400	373-1269
C-T	Weston	Nov. 1	4:00 p.m.	400	269-5096
C-T	South Branch	Nov. 8	10:00 a.m.	1,200	538-6050
C-T	Weston	Dec. 6	4:00 p.m.	400	269-5096
C-T	Buckhannon	Dec. 9	9:00 a.m.	400	472-5300
C-T	South Branch	Dec. 10	2:00 p.m.	600	538-6050

*..... PV= Pre vaccinated calves. Must have a QA tag.

**..... Wood Co. Beef Calf Pool will be held at Parkersburg Livestock Market. Contact Rocky Peck 422-2395 or Eric Young at 861-0071

B..... Board sale

BB..... Cattle available both in Barn Board/Tel-O-Auction sale

C..... Feeder Calves (dehorned and bull calves castrated)

CC..... Club Calves (halter broken and weaned)

H..... Heifers Only

QA..... Quality Assurance Pre-conditioned and pre-vaccinated calves programs include IBR, PI3, BVD (killed), 7 way black leg, malignant edema, 5 way Lepto, grubicide and worming. Consignment only. Weaned/consignment Source Verified, Producer and Cattle Identified

S..... Statewide Board Sale

ST..... Steers Only

T..... Tel-O-Auction available

Y..... Graded yearling cattle

Take in for South Branch Saturday sales is on Friday from 7:00 a.m.-5:00 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 - 4:00 p.m. Other yearling cattle and calves are available at all West Virginia Auction Markets on regular sale days.

Information Contacts:

Dwayne O'Dell, WVDA, 304-558-2211; **Jim Bostic**, WVCA, 304-472-4020; **Dennis Estes**, WVDA, 304-269-3700; **Phil Osborne**, Extension Livestock Specialist, WVU, 304-293-3391.

Rocky Mtn. Pleas 5-yr. gelding pony, gaited, child/beginner safe, dapple gray, 12.3h, 750 lbs., West./Eng., can use bitless bridle. excel. disp., \$1,300. Angi Lafferty, Box 39A, Oceana, 24870; 682-6877; angi7@jetbroadband.com.

Hafflinger: pure yrlg. colts-older; reg. Hafflinger; yrlg. & 2-yr. mule colts, \$300/up/ea. Robert Matheny, 113 Mineral Wells Hgts., Mineral Wells, 26150; 489-1474.

Paint 4-yr. mare, tricolor, reg. Paint/Qtr. sire, reg. Pinto dam, shots/wormed, \$400. Babara Mike, Rt. 2, Box 305, Farmington, 26571; 825-1347.

AQHA/93% reg. Foundation 2½-yr. stud colt, black, palomino/buckskin producer, trails/ties/saddles/stands, \$1,800. Jennifer Moles, 225 Richards Fork Rd., Elkview, 25071; 965-3126.

TWHBEA 2-yr. mare, black, 15.2h, gentle, champion blood, natural gait, \$1,600/obo. S.J. Morgan, Rt. 1, Box 297B, Salem, 26426; 782-3109.

Pony: 3-yr. stallion, 41", rides/drives & 8-yr. mare, 40", both proven/silver dapple, \$400/ea. or \$700/both. Gary Napier, RR 1, Box 203, Prichard, 25555; 486-5077; glnapier@yahoo.com.

Reg. Hafflinger mare, good disp., \$1,000; 2-yr. ½ reg. App.Hafflinger mare; 2-yr filly, brown, \$500/ea.; reg. App. stallion, throws spots, \$6,000. Georgia Patchett, HC 75, Box 90, New Creek, 26743; 749-8074.

Reg. black Arabs & App.: excel. blood, various ages, \$1,000/up. J. Petitto, P.O. Box 561, Morgantown, 26507; 292-3936; j_petitto@yahoo.com.

Mare: 5-yr. black Percheron, \$1,200 & 5-yr. buckskin, \$300; both gentle; 5-yr. Tenn. Wlkr./Qtr. cross, sorrel, \$300. Brandon Price, Rt. 1, Box 337, Moatsville, 26405; 457-2291.

Clydesdale 5-mo. colt, excel. quality, \$650. Jack Pursley, Rt. 2, Box 175, Sandyville, 25275; 273-9753.

Donkeys, 2 male, \$125/ea.; 1 spotted, \$350. Foster Ray, 75 Ray Ridge, Harmony, 25243.

ADMS: mini 2-yr. Jack & Jenny wnlg., both black NLP, \$2,500/ea.; black Jack wnlg. \$350; Ernie Rigney, Rt. 3, Box 272A, Ripley, 25271; 372-2989; greenacresdonkeys@verizon.net.

Reg. miniature donkeys: 1-yr., \$250; bred/open Jennies, some w/colts, \$500-\$1,000. Wayland Termand, 2117R McCammas Rd., Barboursville, 25504; 654-0467.

Percheron team w/harness & 2 13-yr. black geldings, amish work broke, \$5,000/all. Roy Underwood, Rt. 1, Box 876, Greenwood, 26415; 873-2095.

Reg. Tenn. Wlkr. 4-yr. stallion, 15.3h, throws spots, \$1,000. Rick Watson, Rt. 3, Box 1, Salem, 26426; 782-2209.

Reg. Tenn. Wlkr. palomino 3-yr. mare, excel. disp., \$1,800; ¼ Tenn. Wlkr/¼ Qtr. cremello stud colt w/blue eyes, broke to lead, \$400. Christy Werner, 8651 Hackers Creek Rd., Buckhannon, 26201; 269-5001.