

# AGRiVIEW



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## Vermont Vendors and Exhibitors Prepare for the 100th Eastern States Expo

By Reg Godin, VAAFM

Friday, September 16th marked the 100th anniversary of the “Big E” Fair at Eastern States Exposition in West Springfield, Massachusetts. This milestone fair, which runs from September 16th through October 2nd 2016 will be the largest celebration of New England agriculture in history. The Vermont Building on the Avenue of States will once again be a main attraction for over one million fairgoers who return year after year to eat, drink and shop the best Vermont has to offer. This year’s special events include Vermont Day, held on Saturday, September 24th, attended by Agency of Agriculture Deputy Secretary Jolinda LaClair,

Vermont Legislators, and building trustees, and Harvest New England Day, held on Friday, September 30th, attended by Governor Shumlin and featuring 10 additional guest Vermont businesses on exhibit.

“I am excited to be visiting the Vermont Building at Eastern States Exposition this year. One hundred years is a major milestone for the Big E,” said Vermont Gov. Peter Shumlin. “Not only does the Big E represent an opportunity for Vermont businesses to build great relationships with out-of-state consumers, it also helps to strengthen the Vermont brand, increasingly known around the world for quality and authenticity.”

A popular fair attraction, the Avenue of States is lined with smaller-scale replicas of the six



original New England State Houses. Each building features vendors and exhibitors exemplifying the heritage, food, traditions, and products from their respective state. The Vermont

building, which is owned and maintained by the state of Vermont and managed by the Vermont Agency of Agriculture, Food & Markets

*continued on page 8*

### Inside This Issue

- The View from 116 State Street . . . . Page 2
- Vt Tech’s Biodigester . Page 3
- Free Biosecurity Supplies for Swine Farmers . . . Page 4
- Homegrown by Heroes . . . . . Page 5
- Upcoming Grant Opportunities . . . . . Page 6
- The After-Effects of Drought. . . . . Page 9
- Vermont Vegetable and Berry News . . . . Page 10
- Classifieds . . . . . Page 11

- Vermont Farmers Market Report . . . . . Page 14
- Addison County Ag Showcase . . . . . Page 16



## AGRiVIEW

**Vermont Agency of Agriculture, Food & Markets**

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# Achieving Our Shared Clean Water Goals

An op-ed written in collaboration by Vermont Agency of Transportation Secretary Chris Cole, Agency of Natural Resources Secretary Deb Markowitz, Agency of Commerce and Community Development Secretary Pat Moulton & Secretary of Agriculture Chuck Ross.

As Vermonters, many of us take advantage of our short summer by spending time outdoors with our families. Whether boating on Lake Champlain, swimming in Lake Memphremagog, paddling down the Connecticut River, or fishing in our backyard stream, summer in Vermont often involves recreating at a nearby water body. When we arrive at the water's edge, we expect a cool, clear river, pond or lake stretched out before us.

Sadly, there are summer days when Vermont's waters are unsafe for swimming, fishing and boating. Harmful algae blooms and other water quality concerns can result in beach closures and unhealthy conditions.



Everyone is frustrated when these poor conditions occur. It is our shared vision for clean and healthy waters that continues to inspire and compel us to take action to achieve Vermont's clean water goals.

In recent years we made significant strides in response to this call to action. In 2015, the Vermont Clean Water Act was signed into law, creating new programs to address harmful phosphorus coming from our roads, developed lands, wastewater treatment facilities and farms. The Lake Champlain cleanup goals were issued this summer, and the implementation plan has been released for public comment. The Clean Water Fund was created, establishing a crucial source of revenue to support the implementation of new programs and activities that strategically target the highest priority activities first.

Progress is crucial because so much is at stake, not only for clean drinking water, natural ecosystems, and our own recreational enjoyment, but also for one of Vermont's economic engines: our tourism industry. Vermont attracts \$2.5 billion in tourism spending each year, of which \$300 million is from second home owners and visitors

in and around Lake Champlain. According to a recent University of Vermont study, a minor decrease in water quality in Lake Champlain—measured as just a one meter decrease of water clarity—could end up costing \$12.6 million in reduced tourism spending every year in July and August alone.

Clean water is also valuable for protecting our investments. In 2015, the grand list in Georgia, Vermont dropped by \$1.8 million due to reassessments of 37 lakeside properties with declining water quality. The same UVM Study projected that a one-meter increase in water clarity would result in a 37% increase in seasonal home prices. By maintaining clean water, we can protect property values and we will achieve clean water through three primary strategies. First, we must continue an “all in” approach. Together, state agencies, municipalities, businesses, farmers, partners, and the public, are in the best position to achieve our clean water goals. Everyone has a role to play. Second, smart investments in projects, programs and infrastructure remains key to our success. Targeting the highest priorities first will help us to reduce water pollution in the

most cost-effective manner possible. Third, development of a long-term financial support for clean water will allow us to achieve our two-decade commitment to clean up Lake Champlain and Vermont's waters statewide. The Clean Water Fund's revenues will be depleted and the fund will sunset in June 2018. Next session, the Vermont Legislature will decide what long-term revenues should be made available for clean water.

Today, the right partners are in the “boat” headed for clean water. We have charted the shortest course, and have begun paddling in the same direction. We know that as Vermonters we must—and will—sustain our efforts and investments of time, money, and commitment to build a new and enduring culture of clean water where we are all “all in”: working together to achieve the clean water Vermont's future generations need and deserve.

*Chris Cole, Deb Markowitz, Pat Moulton and Chuck Ross serve as the Secretaries of the Agencies of Transportation; Natural Resources; Commerce and Community Development; and Agriculture, Food and Markets.*

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# Biodigester Demonstrates Renewable Energy, Waste Reduction, and Nutrient Management in Vermont

*Anaerobic digester can be replicated nationwide to keep excess nutrients out of watersheds and food residuals out of landfills while generating renewable electricity*

By Amanda Chaulk,  
Vermont Technical College

“Big Bertha,” the anaerobic digester at Vermont Technical College, is operating at full capacity and successfully putting electricity onto the grid. With a carefully formulated diet of cow manure and organic matter from Vermont farms and brewery waste from the Alchemist and Long Trail Brewing Co., at full power Big Bertha transforms 16,000 gallons of waste to 8,800 kilowatt hours of electricity daily—equivalent to about 200 gallons of heating oil, or the amount of electricity consumed by about 70 houses on a cold day.

“One of only a handful of anaerobic digester projects of its kind in the country, Big Bertha provides electricity for the grid, a living laboratory for students, and recycled nutrients for agriculture,” notes out-going Vermont Tech President, Dan Smith. “This project embodies Vermont Tech’s unique combination of education theory and applied learning.”

The biodigester serves as a real world classroom providing students and the community with hands-on emerging technology training. Vermont Tech has created curriculum, an apprenticeship program, and integrated the biodigester into the college’s renewable energy Bachelor Degree program. Big Bertha also pro-



duces clean animal bedding and crop fertilizer output for Vermont Tech’s farms and fields.

Vermont Tech and project partner Vermont Sustainable Jobs Fund published the *Vermont Tech Community Anaerobic Digester Report*, a collection of digester manuals and management plans, timeline and process, and data collection systems so colleges and municipalities across the country can replicate the community scale anaerobic digester model.

“As communities in areas with impaired watersheds consider how else they might manage excess nutrients and keep food residuals out of landfills, as well as explore ways to produce more of their own electricity from renewable sources, a community scale anaerobic digester may be a viable scenario,” says Vermont Sustainable Jobs Fund Executive Director, Ellen Kahler.

With funding from the U.S. Department of Energy

that was secured by U.S. Senator Patrick Leahy and managed by the Vermont Sustainable Jobs Fund, along with a bond from the Vermont State Colleges, the total cost of the Vermont Tech biodigester project was \$4.2 million.

“This digester project has fulfilled exactly what I hoped would be accomplished when I sought the funding,” said US Senator Patrick Leahy. “It is a true research digester, and Vermont Tech and the Vermont Sustainable Jobs Fund have put together a project that will add greatly to our knowledge of how to build and operate digesters at this scale, while giving

Vermont Tech students firsthand experience with the technology, experience that can’t be matched by much larger research universities.”

Vermont Tech took on calculated risk in both permitting and technology to become fully operational. The biodigester was the first in Vermont to go through a permitting process to accept food waste. Vermont Tech conducted comprehensive community outreach to build support for the project and successfully connected education, agriculture, waste management, and environment interests to get behind the project. They also facilitated collaboration among

state and federal regulators, food system organizations, farmers, and food waste producers. Big Bertha is modeled after European technology, and is a U.S. Environmental Protection Agency AgSTAR partner, which recognizes biogas recovery systems that “help to reduce methane emissions and can also help achieve other social, environmental, agricultural and economic benefits.”

Big Bertha is also helping Vermont reach its goal of 90% renewable energy by 2050. As Vermont’s Universal Recycling Law (Act 148) ramps up to ban food and organic waste from landfills by 2020, Vermont Tech and its food waste transportation partners will become integral in helping to divert organic waste from landfills, preventing the flow of excess nutrients to Lake Champlain and other watersheds, and supporting agriculture and increased local food production.

*The Vermont Tech Community Anaerobic Digester Report* is available at <http://www.vtc.edu/meet-vtc/anaerobic-digester/digester-report>.

VERMONT AGRICULTURAL CREDIT CORPORATION

Financing for Vermont Farmers, Agricultural Facilities, and Forest Product Businesses

*“VACC’s loan has enabled us to move our dairy facility into the future and meet our goals of having more family time, less hired labor and increased production.”*

Jennifer Churchill

[www.veda.org](http://www.veda.org)  
802-828-5627

## September is Suicide Prevention Awareness Month

By Myra Handy,  
Farm First

The Farm First Program focuses on the human element: farmers themselves. Farming can be stressful. That's no secret. Farmers thrive on solving the unexpected challenges of each day, digging deep into personal and financial reserves during the hard times. The freedom of being your own boss brings satisfaction when things are good, yet when times are tough, and the buck still stops with you, that freedom comes at a cost. Vermont's



farmers know all too well the blood, sweat and tears behind Vermont's lush, productive landscape.

When their personal "bucket" empties, farmers need to be aware of their vulnerability to mental health concerns such as depression and anxiety. Farm First is often the first call Vermont farmers make (anytime, day or night) when they feel discouraged or depressed: 1-877-493-6216. In addition, we urge those experiencing a depressive episode to talk about it with a trusted friend, family member,

neighbor or physician.

Depression is defined as having five or more of these symptoms that last more than two weeks:

- A down or blue mood
- Decreased interest in things you normally enjoy
- Appetite and weight changes—Losing or gaining weight
- Sleep disturbance—Sleeping more or sleeping less
- Psychomotor changes—Feeling keyed up, on edge, tense, limbs feeling like lead
- Decreased energy — mental or physical
- A sense of worthlessness and/or guilt
- Decreased concentration

- Possible thoughts of death and/or suicide.

Depression distorts reality, often leaving the sufferer feeling like a burden to others. It's often described as "a fog." When a person is depressed, thoughts of suicide can occur because the mind is looking for a way to stop the pain. Taking an intermediate step between the thought of suicide and the action is what saves lives: talking to a neighbor, a friend, a counselor, even a stranger, can interrupt a fatal action and begin the path to recovery. People want to help; ask for it. Because we humans are all susceptible to stress, anxiety and depression at times, we are not surprised

(and may even be relieved) to hear that someone else is struggling and that we are not alone. The stigma and secrecy surrounding emotional vulnerability can end with each of us as we begin talking about our lives together and supporting one another.

Connecting with a Farm First counselor (free and confidential) helps Vermont farmers find solutions to mental health concerns such as depression and anxiety, family issues and more. Farm First helps solve practical concerns such as difficulty farming with an injury or disability, as well. Call Farm First 24/7 at 1-877-493-6216

*continued on page 5*

## Agency of Agriculture to Provide Free Biosecurity Supplies to Vermont Swine Farmers

Throughout the months of August and September, Vermont swine farmers may apply for a free biosecurity kit from the Animal Health Section of the Vermont Agency of Agriculture, Food & Markets (VAAFAM) in order to implement disease prevention practices, and help stop the transmission of diseases both onto and off of Vermont farms.

By applying proper on-farm biosecurity measures, swine producers can help protect their livestock, their businesses, human health, and other agricultural assets from disease. Farmers may request a free biosecurity kit by filling out this application <http://bit.ly/2bd0Ck6> or calling the Animal Health Section of the VAAFAM at (802) 828-2421. Kits will consist of equipment such as disinfectants and personal protective gear, along with biosecurity practice implementation instructions. Animal Health Field Specialist will provide the kits to producers and offer additional assistance to help farmers determine the best way to implement realistic and effective practices. Biosecurity kits, valued

at approximately \$100 are available on a first come, first served basis.

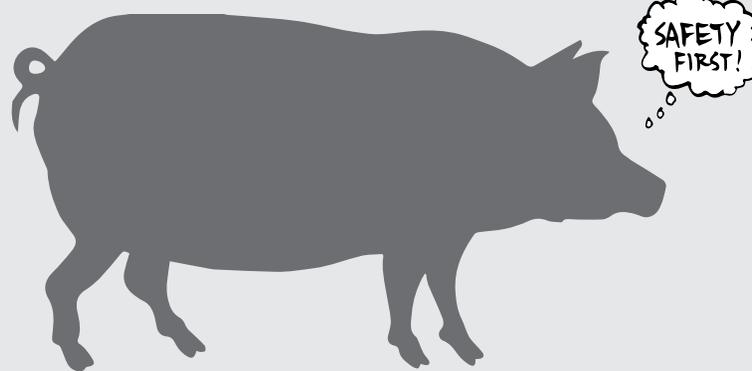
The deadline to apply for a free kit is September 30, 2016.

State Veterinarian Dr. Kristin Haas encourages swine farmers to be

proactive about protecting the health and wellbeing of their animals.

"Biosecurity is the best way to minimize the chance of introducing viruses such as Porcine Epidemic Diarrhea or Porcine Reproductive and Respiratory Syndrome to your herd," stated Haas. "Many of the best management practices that producers can implement to ensure proper biosecurity on farms are easy and inexpensive to maintain. All swine producers should evaluate their farms for risk factors and work with a veterinarian to develop a biosecurity plan tailored to your swine herd needs."

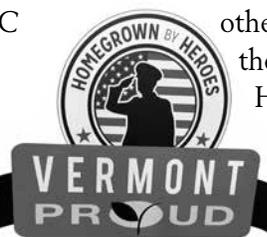
For more about Animal Health and disease prevention, contact VAAFAM's Animal Health Section by phone: (802) 828-2421, by email: [agr.animalhealth@vermont.gov](mailto:agr.animalhealth@vermont.gov), or visit: [http://agriculture.vermont.gov/animal\\_health/disease\\_prevention](http://agriculture.vermont.gov/animal_health/disease_prevention).



# Farmer Veteran Coalition of Vermont Launches Homegrown By Heroes

By Jon Turner, VFVC President & Ali Zipparo, VAAFM

On August 25 at the Vermont State House, Deputy Secretary Diane Bothfeld joined members of the Vermont Farmer Veteran Coalition (VFVC), FVC founder Michael O'Gorman, Farm Credit VP Gary Matteson, and



others in a celebration the kick-off of Homegrown By Heroes, a national branding program designed to raise consumer awareness of products produced by military veterans.

The mission of the Farmer Veteran Coalition is to mobilize veterans to feed America, and in Vermont, to provide veterans with edu-

cational and internship opportunities, assistance with land acquisition through federal and state programing, peer to peer mentorship, and an appropriate re-integration back into the civilian sector through ecological land stewardship.

Homegrown by Heroes began through the Kentucky Department of Agriculture and granted



Members of the Vermont Chapter of the Farmer Veteran Coalition at the State house in Montpelier in August.

the Farmer Veteran Coalition to administer the program on Veterans Day in 2013. Since its inception, HGH has assisted over 500 veterans in 48 states to market their product as being from a veteran-owned operation. The Farmer Veteran Coalition

currently has over 7,000 members in all 50 states and has given away over a million dollars to help a veteran establish or expand their agricultural operation.

The Farmer Veteran Coalition of Vermont is

*continued on page 7*

Registration is now open for the Vermont Farm to School Conference taking place November 2-3 at Lake Morey Resort in Fairlee, Vermont. The Vermont Agency of Agriculture, Food & Markets (VAAFM) and Vermont FEED in partnership with the VT Farm to School Network will be orchestrating this exciting two-day event designed to "Grow the Movement" by gathering all members of the Vermont Farm to School community to share knowledge, ideas, and inspiration. For more information and to register visit: [www.vermontfarmtoschoolconference.org](http://www.vermontfarmtoschoolconference.org).

"Farm to School programs are a vital tool we can use to promote agricultural literacy in schools so that, from an early age, students understand the value of nutrition, develop healthy eating habits, and appreciate where their food comes from," said Vermont Secretary of Agriculture, Chuck Ross. "This statewide conference is an exciting opportunity for all members of Vermont's Farm to School network to put our heads together to explore new, better ways to foster healthier and more resilient children, communities, and farms throughout Vermont via Farm to School connections."

VERMONT  
**FARM TO SCHOOL**  
2016 Conference  
November 2-3, 2016  
**Registration Open**

[www.vermontfarmtoschoolconference.org](http://www.vermontfarmtoschoolconference.org)

## Suicide Prevention Awareness Month

*continued from page 4*

to speak with a counselor, or visit our website at [www.farmfirst.org](http://www.farmfirst.org). If you are having thoughts of self-harm or suicide, please call Farm First or the National Suicide Prevention Lifeline at 1-800-

273-TALK (8255), a free, 24-hour hotline available to anyone in suicidal crisis or emotional distress.

*Parts of this article were borrowed with permission from an Agri-View, Madison, WI article dated 4/12/13 by Jane Fyksen.*

## ENGINEERING FOR AGRICULTURE

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# Vermont Agency of Agriculture: Upcoming Grant Opportunities

By Noelle Sevoian, VAAFM

The Vermont Agency of Agriculture (VAAFM) is pleased to announce Fiscal Year 2017 grant opportunities to support investment in Vermont's working lands enterprises, marketing and brand development, and our organizations and schools.

## Working Lands Enterprise Initiative - Grants

The Working Lands Enterprise Board is pleased to announce the availability of over \$650,000 in grant funds for the fiscal 2017 program year. The application period opens October 3, 2016, and grants will be available to Vermont agriculture and forest sector businesses and service providers that provide the critical technical assistance needed for business growth. Business Letters of Intent are due on November 9th. Service Provider Letters of Intent are due on December 2nd.

The two investment areas are as follows:

### 1. BUSINESS INVESTMENTS

Projects may include, but are not limited to: Infrastructure (project-specific planning, permitting, and/or engineering/architectural plans; and/or building and equipment costs); Marketing (accessing new markets and securing new customers); Research and Development (testing new systems or technologies

or developing innovative solutions). Projects focused on scaling up to meet new market opportunities are encouraged. Working capital is an eligible use of funds.

### 2. SERVICE PROVIDER INVESTMENTS

Projects should show direct impacts on Vermont Working Lands businesses. Types of technical assistance provided may include: Scaling up; Market development, marketing plans, and sales; Business and financial planning; Succession planning; Access to capital; Manufacturing efficiencies or process flow.

Again in FY2017, \$30,000 of Local Food Market Development (LFMD) grant funds will be made available through the Working Lands grant process. The focus of LFMD funding is to increase Vermont producers' access to institutional and wholesale markets, promote consumption of local food, and encourage scaling up through new market development opportunities across the state.



Applicant Informational Sessions are scheduled for October 6th (Chapter 1) and October 11th (Chapter 2 & 3). These will be scheduled as webinars with opportunities to attend in person around the state. Live webinars will be recorded and posted online for 24/7 viewing. Further information regarding these informational webinars can be found at our website at: <http://workinglands.vermont.gov/apply/rfp>.

### Tradeshow Assistance Grants

In addition to Working Lands grants and loans, the application period for the Trade Show Assistance Grants will open in October. Through funding made available by the Working Lands Enterprise Board, AAFM will be accepting 50% matching grant applications (up to \$2,000) for Vermont food and forestry businesses to help identify, plan, exhibit and

sell their Vermont products at out-of-state trade shows. In total, AAFM has made grants to over 60 businesses to attend 21 different trade shows in 14 different states with grantees projecting more than \$2 million in total annual sales attributable to exhibiting at these trade shows.

### Farm to School Grant Program

The Vermont Farm to School Grant Program will release the RFP for the 2017 grant round on September 30, 2016, which includes the new Universal Meals Program. More than \$120,000 will be available in grants and technical assistance for Vermont schools to plan or implement a farm to school program. The Vermont Farm to School Grant Program, now in its tenth year, works to improve nutrition among Vermont's children by connecting food producers to their local schools, as well as providing

enriched educational experiences and curricula. The grant program enables Vermont schools to engage students in their local food system by incorporating local food and farm education into their cafeterias, classrooms and communities.

On October 12th from 3:00-4:30pm, the Vermont Agency of Agriculture, Food & Markets will host a webinar for all potential Vermont Farm to School Grant Program applicants. The webinar will cover all of the basics of the Request for Proposals. There will be time to ask questions, during this interactive webinar. If you are interested in joining in on the webinar, register here: <https://attendee.gotowebinar.com/ter/5795699890154428929>. The webinar will be recorded and posted on the Farm to School webpage. For more information, visit: [http://agriculture.vermont.gov/producer\\_partner\\_resources/funding\\_opportunities/vaafm\\_funding/farm\\_to\\_school](http://agriculture.vermont.gov/producer_partner_resources/funding_opportunities/vaafm_funding/farm_to_school).



## The Clean Water Fund and You: Opportunities for public participation

### Join a Clean Water Conversation near you.

Learn about Clean Water Fund (CWF) spending to date and opportunities to provide input on next year's allocations through meetings in partnership with regional planning commissions. 2016 dates and locations are listed below.

June 2	Arlington	June 23	Swanton
June 7	St. Johnsbury	July 12	Montpelier
June 14	Winooski	July 12	Ascutney
June 15	Brattleboro	July 13	Royalton
June 21	Rutland	July 13	Middlebury
June 22	Morrisville		

### Comment on Next Year's Clean Water Fund.

State agencies will propose Fiscal Year 2018 (FY18) Clean Water Fund draft allocations for public input.

**July 1-30, 2016**  
**First Public Comment Period**  
 Submit comments using the online survey linked at [dec.vermont.gov/watershed/cwi/cwf](http://dec.vermont.gov/watershed/cwi/cwf) or request a printed copy by calling Bethany Sargent at (802) 490-6131.

**September 8-28, 2016**  
**Second Public Comment Period**  
 Send comments on updated FY18 Clean Water Fund Allocations to [anr.cleanwatervt@vermont.gov](mailto:anr.cleanwatervt@vermont.gov).

### Attend a Clean Water Fund Board Meeting.

All Clean Water Fund Board meetings are open to the public, with time allotted for public comment. Visit [dec.vermont.gov/calendar](http://dec.vermont.gov/calendar) for details.

June 23, 2016	CWF Board Working Meeting
August 22, 2016	CWF Board Working Meeting
September 8, 2016	CWF Board Formal Meeting
October 5, 2016	CWF Board Working Meeting
October 17, 2016	CWF Board Formal Meeting



### Clean Water Fund Timeline



For more information, visit [dec.vermont.gov/watershed/cwi/cwf](http://dec.vermont.gov/watershed/cwi/cwf) or email [anr.cleanwatervt@vermont.gov](mailto:anr.cleanwatervt@vermont.gov)



### For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: Food Connects in Brattleboro, Vermont to transport and offer for sale milk, milk products and cheese in the State of Vermont. If anyone has germane information as to why or why not this company should or should not be licensed those comments are to be sent to:

The Vermont Agency of Agriculture Food and Markets  
 Dairy Section Office  
 116 State Street, Montpelier, VT 05620-2901

All written comments must be received by October 15th, 2016.

At that time the Agency will make a determination as to whether a hearing will be held. If we determine that a hearing is necessary and you wish to attend please write to the above address attention Dairy Section.

### Homegrown by Heroes

*continued from page 5*

recognized as being one of the first four chapters of this national organization and has already garnered support from the Vermont Farm Bureau, NOFA-VT, the Vermont Agency of Agriculture, Vermont AgrAbility, UVM Center for Sustainable Agriculture, Sterling College, U.S. Sen. Bernie Sanders' Office and Congressman Peter Welch's Office for veterans who are interested in transitioning

into agriculture following their time in service.

Since December of 2015, the FVC-VT received a donation of 3,375 packets of seeds from High Mowing Organic Seeds (which were distributed to veterans in eight different states), provided a keynote address at the fourth annual NEK Veterans Summit, hosted a veterans retreat in partnership with Zeno Mountain Farm in Lincoln, Vt., participated with the St. Michael's Veterans Garden through the Vermont Community

Garden Network and provided agricultural guidance/sweat equity to our farmer veterans which include John Hojek's Gold Star Roses in West Burke, Frank Hill's Integrity farm in Grand Isle, and the Bowen family's Meadowdale Farm in Putney.

VAAFM is proud to support the Vermont Farmer Veteran, and will continue to work with VFVC, VA, and other partners to create more opportunities for Veterans to engage in agriculture throughout the state.



Owner: Matt Morin  
 1564 Valley Road, Derby Line Vt

1-802-895-4159

Family owned and operated for 30+ years. We buy and sell used farm and dairy equipment Looking to sell farm machinery or dairy equipment give us a call!

**Big E***continued from page 1*

(VAAF) will showcase over 40 vendors and exhibitors sampling and selling Vermont made foods, drinks and wares, including: maple, ice cream, beer, cheeses, meats, jewelry, clothing, furniture and wood products, prepared foods, and much, much more. Vermont musicians will entertain visitors on the front lawn, while, the Vermont Department of Tourism and Marketing (VDTM) promotes Vermont attractions, events and recreational opportunities to our southerly neighbors.

"The Vermont building offers a unique opportunity for Vermont's businesses to showcase the range of high quality products and innovation emerging from Vermont's working landscape to over a million New England consumers," said Secretary of Agriculture, Chuck Ross. "We have made some exciting improvements to our building this year, including a brand new cider tasting room that

will enhance 'The Vermont Building Experience' for visitors and vendors alike."

The Vermont Building has been a significant economic engine for participating vendors, completing over \$10 million in total sales with gross sales growing over 30% since 2010. To accommodate growth and increasing interest from vendors and fairgoers, VAAF has made significant investments in the building and vending spaces over the last two years. A new building was constructed on the back lawn adding five new vendor spaces, and, for the first time this year, the Vermont Building will feature a cider tasting room where visitors can enjoy Vermont cider from Champlain Orchards and Hall Home Place throughout the 17-day fair.

The Vermont Building showcases some of Vermont's finest products, brands and organizations from across the state. The 2016 exhibitors are as follows:

- Agricola Farm, Pantont
- American Flatbread

- Company, Waitsfield
- Bear's Den Carving, Towshend
- Ben & Jerry's, Waterbury
- Bruce Baker Studio, Middlebury
- Champlain Orchards, Shoreham\*
- Cold Hollow Cider Mill, Waterbury Center
- Danforth Pewterers, Middlebury
- Gringo Jacks, Manchester
- Hall Home Place, Isle La Motte
- Halladays Harvest Barn, Bellows Falls
- Hempfully Green Healing House, Putney†
- Joe's Kitchen at Screaming Ridge Farm, Montpelier\*†
- Johnson Woolen Mills, Johnson
- Long Trail Brewing Company, Inc, Bridgewater Corners
- Mother Myrick's Confectionary, Manchester Center
- Rockledge Farm Woodworks, Reading\*†
- Sap! Maple Beverages, Burlington†
- Seedsheet, Middlebury†
- Sweet Crunch Bake Shop,

- Hyde Park†
- The Village Peddler, East Arlington
- Vermont Bee Balm, Craftsbury
- Vermont Cedar Chair Co., Hardwick
- Vermont Cheese (J & P Bonita Enterprises), Berlin
- Vermont Clothing Company, St Albans
- Vermont Cookie Love, North Ferrisburgh
- Vermont Flannel Company, East Barre
- Vermont Hand Crafters, Williston
- Vermont Maple Sugar Makers Assoc., Statewide\*
- Vermont Peanut Butter Co., Morrisville
- Vermont Morgan Horse, Westford
- Vermont Prime Emu, Brandon
- Vermont Smoke & Cure, Hinesburg
- Vermont State Police, Statewide

- Willow Bend Publishing, Goshen

\* *Working Lands Enterprise Initiative Grantees*

† *First time exhibitors in 2016*

**About the "Big E"**

The Eastern States Exposition, home of the "Big E", was founded by Joshua L. Brooks in 1916 when he convinced the National Dairy Show to hold its annual event on the grounds in West Springfield, Massachusetts. In 1917, the first Eastern States Exposition took place. Brooks' desire was to bring together all six New England states in one location to share ideas and improve regional agriculture. Learn more about the "Big E" here: <http://www.thebigE.com/>

*continued on page 9*

## VERMONT CHEESEMAKERS WIN BIG AT THE SIXTH ANNUAL BIG E GOLD MEDAL CHEESE COMPETITION

Vermont cheesemakers brought home  
73 medals from the 6th annual  
**Big E Gold Medal Cheese Competition**  
(67% of all medals awarded)

**Congrats to:**

Billings Farm  
Boston Post Dairy  
Bridport Creamery  
Cabot Creamery  
Cellars at Jasper Hill  
Farms for City Kids/Spring Brook Farm  
Grafton Village Cheese  
Maplebrook Farm  
Mt. Mansfield Creamery  
Neighboring Farms of Vermont  
Plymouth Artisan Cheeses  
Shadagee Farm  
Shelburne Farms  
Vermont Creamery  
Vermont Farmstead Cheese  
Von Trapp Farmstead  
West River Creamery



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Fee is \$25.00; register online at [www.regonline.com/fallclinics2016](http://www.regonline.com/fallclinics2016). Contact Christi Sherlock at [christi.sherlock@uvm.edu](mailto:christi.sherlock@uvm.edu) or 1-866-860-1382, for questions or registration assistance.

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# The After Effects Of Drought

By Dr. Leonard Perry,  
Horticulture Professor  
Emeritus, University of  
Vermont

**M**ost parts of Vermont and, in fact, much of the Northeast experienced a drier than usual summer this year. This affected many perennials, trees, and shrubs. What can you expect now, and in the coming year, as a result? What can you do to help these stressed plants?

If you have very dry sites, like sandy soil and medians near pavement, or new plantings, you already may have lost some plants. There's not much you can do here except replant and help plants get established in future years. Using organic mulches is a good way to retain soil moisture for the future.

Don't be too hasty to replace plants that appear to have dried up. Plants that appear to be dead may actually have living tissue underneath the bark, or in the ground. Scratch the bark of trees or shrubs to see if it is still green underneath. It's best to wait, if you can, until next spring and see if these plants leaf out. The same applies to woody plants that are living but may appear to have "dead" branches. Again, use the fingernail test to see if these still have some life. If so, wait until spring to prune.

For perennials, prune off obviously dead growth and branches. If the whole plant appears to be dead, mark it to remember its location, as it may produce new shoots next spring. Browning on the

leaves may not be aesthetically pleasing, but leave them as they are still helping the plant. Keep perennials weeded, as weeds rob them of soil moisture. "Deadhead," or remove, spent flowers from perennials so the plants will conserve energy from not forming seeds.

Whether you have a sandy or heavier clay soil, top dressing with compost will help. Generally, the more compost the better. Organic matter is key to soil health and helping soils to retain more moisture. This also will help lawns that may have suffered or died during a drought.

Speaking of lawns, you may wish to rent an aerator or get some aerator blades for a mini-tiller to help heavy, baked soils. For weak or stressed lawns on clay, as well as on lighter sandy soils, you might want to lightly overseed grasses in early fall prior to topdressing lightly with compost. If seeding, make sure you can keep lawns watered until the new seeds germinate and begin to establish. Maybe it's time to consider whether some of your lawn can be replaced with easier-to-maintain

## The Big E

*continued from page 8*

## About The Vermont Building

The Vermont Building was built in 1926 at a cost of \$60,500, and it is owned by the State of Vermont, along with the land it sits on. Management of the Vermont Building is a team



groundcovers.

Keep all plants watered as well as possible. This means a good soaking. Light watering fosters shallow roots, which are quite susceptible to drought. If you have only a few perennials or shrubs, watering by hand or a slow trickle from the hose may work. If you can't water all your landscape if it has been stressed from drought, focus on new plantings, and on trees and shrubs. Annuals and perennials are more easily replaced if they succumb to drought.

For a whole perennial bed, soaker hoses often are the best method of delivery. These are porous rubber hoses that allow water to soak right into the root area and not on foliage. These don't foster leaf diseases, and they don't waste water to evaporation and areas without plants, as do overhead

sprinklers. If using overhead sprinklers, water early in the day to allow foliage to dry before night.

From late September into October, it is especially important to keep rhododendrons and other evergreens well-watered. This will help them get through winter with a minimum browning of leaves. If they've been stressed from too little water during summer, this fall watering is even more important.

The usual rule-of-thumb for watering is an inch of water per week, if not from rain then from your efforts. Get a rain gauge if you don't have one so you're not fooled. What may appear to be a rainy period, in reality may not end up delivering sufficient rain. Keep in mind that when looking at climate numbers, it is the amount and frequency of rain during a growing season that is important, not the yearly total (which may have come in just one or a few events).

Don't fertilize woody plants in early fall as this may promote non-hardy growth, and in late fall it does little good since plants have gone dormant. However, many herbaceous perennials will respond to fall fertilizer (an organic, slow release form works well) by going into the winter hardier and with more food reserves for the following year.

Just keep in mind, too, that what happens one year with woody plants, such as this year's drought stress, often shows up the following year or even for several years after. You may see plants with less vigor, increasing dieback such as from winter injury, or more susceptibility to diseases and pests. Deciduous trees (those that lose their leaves over winter) which turn color in fall, such as maples, may turn color much sooner if drought stressed. It may take several years of proper care

*continued on page 16*



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effort among three state agencies: Agriculture, Food and Markets; Buildings and General Services; and Commerce and Community Development. Learn more about the Vermont Building at the "Big E" here: [http://agriculture.vermont.gov/news\\_media/big\\_e](http://agriculture.vermont.gov/news_media/big_e)

See you at the "Big E"!

## VERMONT VEGETABLE AND BERRY NEWS



Compiled by Vern Grubinger,  
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vernon.grubinger@uvm.edu  
www.uvm.edu/vtvegandberry

## Reports From The Field

(Burlington) Looking forward to some rain and cooler temperatures. So many of our 'fall' crops matured in August and early September that our CSA offerings are going to be less diverse in October than I like. Hard to get cover crops off to a good start; we have many acres waiting for that serious soaking rain before we even bother. We had one window of what appeared to be wet weather in mid-August and ended up with sluggish germination and growth that led to all of our late summer oat and oat-blend cover crops becoming overrun with weeds and subsequently terminated. I love cover crops but don't love seeding them twice. That said, warm weather crops have been great, peppers are a particularly notable success. Getting tunnels prepped and planted for winter, hoping that irrigating in hot weather won't lead to rampant *Alternaria* and black rot in our Brassicas, as has happened in other years.

(Plainfield) Bartlett Hill Berry farm had another stellar year; same production as 2015-over 400 gallons of blueberries. Summer raspberries, maybe 40 gallons or so; elderberries abundant. Spotted wing drosophila arrived after more than 90% of the blueberries were picked. Most of the pickers helped by mulching and weeding for lower price. The place looks great. I will do another work-day this fall, as a trade for berries next year. I don't know what I should do with the remaining bit of blueberries; less than 10 gallons but full of drosophila. Advice appreciated. Right now, the chipmunks, blue jays and cedar waxwings are on debris cleanup. I have been cutting out the witches broom, chlorinating open stems and clippers between cuts, then removing from property. So far, only one bush has had some witches broom reappear. Everything else has not had a return (four years clean on some plants). I ran a "sale" weekend, right after that intense heat spell in August, and 1/4 of my production got picked in three days. Season started early, July 13th instead of July 20th, and lasted until end of August. Some berries still out there. I put up the bear fence and loaded the freezer with bacon to drape over the fence if I turned it on at night, but never turned it on. All bear activity came before or after blueberry season with no damage to plants. I did ask guys to pee around the outside of fence to make lots of human smell.

(Newbury) Romanesco broccoli is exploding. Tomatoes and peppers continue unabated. Eggplants are slowing down.

Cannot keep up with the pole beans. Probably the best garden we have had and we do no watering.

(Elmore) Never seen it so hot and dry. Plums are large and sweet. Pears are juicy and abundant. Lots of elderberries and tasty crabapples. Have to be grateful for all we get in this dry hot year, still in the high 80s here in mid-September; unheard of, but we know it will be a lot cooler soon so we are bringing in the apples and pears for cider and checking the northern kiwis each day for ripeness. Diversity is good in fruits and nuts; a good year for some, a light year for others.

(Marshfield) Harvested less than half the ginger in the high tunnel this year than last year. Not sure if it was due to the weather. Only harvested a week earlier than last year. Everything else was the same as last year, when the harvest was 7.5 lb harvested to every 1 lb planted. This year closer to 3:1. On the bright side, high tunnel spinach was seeded last Wednesday and appeared to germinate fairly well, despite the heat last week. Direct seeded and kept it watered from overhead sprinkler at least twice a day through Saturday. On drip system now. Looking forward to a successful winter!

(Plainfield) Hard to argue with beautiful late summer weather. Winter squash is ready to cut two weeks ahead of the usual date. Greenhouse eggplant have run out of fruits to mature, time to pull the plants. Cherry tomatoes slowing down but still the harvest

justifies the greenhouse space they occupy. That will change soon. Spotless Romas from the greenhouses selling well. Dipel, Solubor and kelp sprays keeping up leaf quality in kales. Reaching the end of my sweet corn. Never sprayed, never saw a worm. Enjoying the shorter days.

(Northfield) High tunnel tomatoes bounced back from duress. Our travel let them suffer from malnutrition and leaf mold was dramatically advancing on the skinny plants by 4th of July but fertigation, foliar feeding and backing off on pruning (a decision aimed at cutting our losses) has enabled us to have normal late season tomato yields after a grim early season. Machine spread second cut hay mulch continues to be effective in keeping brassicas almost weed free. We rent the mulcher and would love to share this type of equipment with a few farms instead. We are happy with coverage with a new round of oat and pea cover crop which grew back as hoped after mowing very mature oats and field peas prior to one of the few bits of rain in August. Weeds in areas not mulched or cover cropped are relentless and having lost talent back to school we are having trouble defending edges!

(East Charlotte) Adam's Berry Farm. Blueberry harvest has come to an end. The yields were good despite the lack of rain this summer. The continued dry weather produced smaller than normal berries but with excellent flavor due to the high brix content. Fall raspberries are in full swing. SWD is present. For the 3rd year we have

netted the majority of our fall raspberries with Pro-Tech 80. This has proved to be effective with the combination of detailed harvesting and chilling post-harvest. These efforts have eliminated the need to spray which feels good in regards to marketing the fruit and protection of our pollinators.

(Rochester) The fall raspberry crop is excellent. We are managing SWD with prompt picking and so far staying ahead of it. Cool nights are helping to slow this pest down.

(Dummerston) I have an accidental undersowing of hairy vetch amongst some late brassicas. I plowed in a cover crop that apparently had already dropped a lot of seed. We had to weed it out of the fall spinach which actually germinated really well in spite of the heat (it rained at just the right time). But around the broccoli it's making a very nice living mulch. Sweet potatoes are enormous this year but rutabagas and Gilfeathers haven't sized up very well; seems to be an *Alternaria* problem. Pumpkins are ripe and ready so CSA members will have to celebrate Halloween a little early this year. High tunnel tomatoes are making a comeback after having been munched by the deer; too bad we have to pull them out to make room for spinach.

(Westminster West) Last year last year I harvested about 3 bins of pumpkins due to serious field diseases and too much rain. This year 18 bins pumpkins, all heavy, ripe and sound, hardly any rain. Heavy yields of all squash filled all our bins.

*continued on page 13*

## MARKET REPORT

**Wholesale Prices**

August 2016

Wholesale prices paid per dozen for Vermont Grade A brown eggs delivered to retail stores.

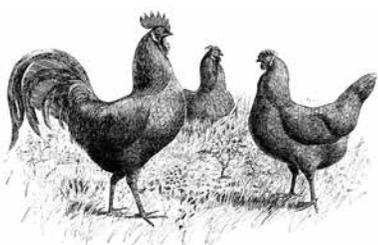
**Vermont Egg Prices:**

Jumbo . . . . .	\$3.00
X-Large . . . . .	\$2.75
Large . . . . .	\$2.50
Medium . . . . .	\$2.25
Small . . . . .	\$1.50

You can find more reports online at

<http://www.ams.usda.gov/marketnews.htm>

This is the web source for *USDA Market News*

**Vermont Agency of Agriculture - USDA Market News**

Addison County Commission Sales — East Middlebury, VT

Livestock Auction Report for July 2016

	<b>Cattle</b>	<b>Calves</b>
This Week:	149	223
Last Week:	121	209

Compared to last sale, slaughter cows sold steady with good demand. Slaughter cattle supply included 102 cows and bull. All prices quoted per cwt.

**SLAUGHTER COWS:**

	% Lean	Avg. Dressing	High Dressing	Low Dressing	Very Low
Premium White	65-75	—	—	—	—
Breakers	75-80	78.00-81.50	83.00	74.00-79.50	71.50-73.50
Boners	80-85	76.50-80.50	83.00-84.00	70.50-75.50	—
Lean	85-90	74.00-78.00	78.00-83.00	71.00-74.00	55.00-71.00

SLAUGHTER BULLS: 710-745lbs: 80.00-95.00

CALVES: When compared to last sale Holstein bull calves sold 40.00-50.00 lower with good demand. All prices per cwt.

**HOLSTEIN BULL CALVES:**

**Number 1:** 100-120lbs 110.00-120.00; 90-100 lbs 120.00-130.00; 80-90 lb not tested; 70-80lbs not tested.

**Number 2:** 100-120lbs 100.00-105.00; 90-100 lbs 107.50-115.00; 80-90 lbs 92.50-110.00; 70-80lbs not tested.

**Number 3:** 100-120lbs 90.00-100.00; 90-100lbs 80.00-100.00; 80-90lbs 80.00-88.00.00; 70-80lbs not tested.

**Utility:** 100-120lbs 80.00; 90-100lbs 63.00-75.00; 80-90lbs 55.00-75.00; 70-80 lbs 46.00-62.00.

HOLSTEIN HEIFER CALVES: 80-86lbs 70.00-125.00

Price and grade information is reported by the Vermont Agency of Agriculture-USDA Market News Service. While market reports reflect the majority of livestock sold at each sale, there are instances where animals do not fit reporting categories and are not included in this report.

**SOURCE:**

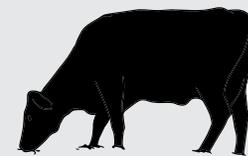
VT Agency of Ag-USDA  
New Holland-Lancaster County, PA

Darryl Kuehne  
Market Reporter  
Cell: 802-793-5348

Levi Geyer, OIC  
Cell 717-406-7350 / Office 717-354-2391

[http://www.ams.usda.gov/mnreports/MP\\_LS141.txt](http://www.ams.usda.gov/mnreports/MP_LS141.txt)

For all USDA Livestock and Grain market reports:  
<http://www.ams.usda.gov/LSMNPubs/index.htm>



## CLASSIFIEDS

**Advertising in Agriview**

**Classified Ads: Free to subscribers only.** Limited to two ads per issue, ads will run for two issues. **Must include subscriber number with ad request** (number appears at the top of the mailing label)

**Deadline For Ads:** 10 days prior to the publication date.

**Display Ads:** Information available upon request

**Classified advertisements must be sent:**

- **By mail:** (see address on page 2)
- **By e-mail:** (to [Ag-agriview@state.vt.us](mailto:Ag-agriview@state.vt.us))
- **Online at:** <http://www.vermontagriculture.com/Agriview/agriviewclassified.html>
- **We do not accept ads over the phone.**

Only items of an agricultural nature will be listed. The only real estate which will be listed are tracts of Vermont land two to five acres or more which are being used or can be used for agricultural purposes. All Feed, Hay and Forage ads must have county, town, and phone number, **and must be renewed each month.**

The Secretary reserves the right to make a final decision on the eligibility of items listed. The editor reserves the right to censor and edit ads. **The Vermont Agency of Agriculture, Food and Markets assumes no responsibility for transactions resulting through advertising in Agriview.** Advertisers are cautioned that it is **against the law** to misrepresent any product or service offered in a public notice or an advertisement carried in any publication delivered by the U.S. Mail.

**Ads must be limited to 40 words or less.**

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Classified ads are free to all subscribers — limit two ads per issue. Ads must be 40 words or less. You must include your subscriber number when submitting your ad.

Please take advantage of this service, which will help streamline the classifieds process. For those who are unable to access the Internet, we will still accept classifieds by mail.

If you have questions about classified ads, please contact Faith Raymond at 802-828-1619 or [Faith.Raymond@state.vt.us](mailto:Faith.Raymond@state.vt.us).

**Bees & Honey**

5 gallon pails of honey for sale. 250 dollars per pail. Nice clover honey. Waterbury center VT. 802-244-7460 (9/16)

2016 New World Carniolan queen, clipped & marked: \$33 or \$38/shipped; honey: \$22/qt; propolis tincture: 2 oz./\$16; fresh frozen pollen: \$28/qt. -18 MacLean Rd., ALSTEAD, NH [lindenap@gmail.com](mailto:lindenap@gmail.com) 603-756-9056 (9/16)

Honey: \$22/qt; propolis tincture: 2 oz./\$16; fresh frozen

pollen: \$28/qt. -18 MacLean Rd., ALSTEAD, NH [CharlesAndros.lindenap@gmail.com](mailto:CharlesAndros.lindenap@gmail.com) 603-756-9056 (10/16)

Honey Extractor, Dadant Ranger hand powered, excellent condition, lists for \$510.00, asking \$300.00. Also 3 piece plastic uncapping tub, equivalent to Dadant # M01355, \$75.00. \$350.00 takes both. 802-234-5653. (10/16)

**Cattle**

Irish Dexter Cattle Registered Foundation breeding stock

for sale because of retirement. Yearling heifers, cows and 2 steers. 100% grass fed. Excellent bloodlines. Black, Red and Dun Spotted Dog Family Farm Call or email (802) 247-6076 [cswhtng@aol.com](mailto:cswhtng@aol.com) ((9/16)

Up to 15 Angus beef cows and cow/calf combinations for sale. very calm, easily handled, Grass fed, raised organically, excellent starter herd being sold due to loss of pasture land. call 802-730-4428 in Johnson, VT (9/16)

## CLASSIFIEDS

Dairy Herd for Sale. Jerseys – mixed age group, 26 milkers, 2 dry cows, 2 springing heifers, 4 yearling calves. Finally retiring! Call 802-276-3397, Douglas Flint (9/16)

Registered 2 year old Brown Swiss cow, just fresh 802-775-2749. (9/16)

Polled Hereford Bull 3 years \$1500, Angus bull proven 2.5 \$1300, Angus Hereford cross bred with 3rd calf \$1500, Angus Hereford cross heifer 2yrs \$1000, 2 hereford heifers bred with 2nd calf \$1300 each. 802-796-6067 (9/16)

Hereford – Angus Beef Cattle, 1150 + lbs. Great condition on grass. \$1.50 per lb. Live weight 802-483-2870 (10/16)

Two certified organic 100% grassfed milking shorthorn heifers ready to breed. \$1600 each or \$2400 for pair. lathefarm@gmail.com 802-586-2401 (10/16)

Breeding bulls red angus highland cross gentle, fence trained, look good choice of 2. \$1500 obo highland cow been running with bulls \$1200. 802-223-2813 (10/16)

Angus Bull for sale. 30 months old, good disposition. Fence trained, proven breeder. Sheldon. VT. \$1,800 asking price. Contact# 802-933-4159 (10/16)

Belted Galloway Cow bred to Hereford Bull due April 2017. Very friendly, easy calving, excellent mother \$950. Middletown Springs, VT Contact 802-287-9170 evenings or email netker2003@yahoo.com (10/16)

Two certified organic 100% grassfed Milking Shorthorn heifers, ready to breed. \$1600 each or \$2400 for the pair. Located in Craftsbury. 586-2401 (10/16)

Angus Bulls. From registered herd and several to choose from. \$1,800. Greensboro, VT. 802 533 9804 (10/16)

15 Heritage Dutch Belted Heifers, ages/sizes 7mons. \$500, yearlings \$600-700, 1.5 yo bred \$650-750. Efficient

cows for grass based dairies that produce great tasting, A2 milk that customers enjoy. Winchester, NH 603 239-4397 or sarah@manning-hillfarm.com (10/16)

**Deer/Cervid**

Beautiful Nubian doe and a Nubian doe kid 802-457-2283 (10/16)

**Employment**

Organic dairy heifer ranch looking for boarding clients. Year round raising preferred, vaccination protocol required. 34 years raising cattle, high quality rotational pasture, dairy quality feed, minimal grain at cost. AI breeding at cost or free bull breeding. 802-748-8461. badgerbrookmeats@gmail.com (10/16)

**Equipment**

International 815 Diesel Combine, 843 4 row narrow Cornhead, 820-13 Grainhead; 1989 Diesel Truck IH 1954 with meyers forage box; 9' ag bagger, 200' cables; 3250 Reel Auggie Mixer on gas 1995 Ford 450 2wd. Call for prices. 802-770-0959 (9/16)

New Holland 166 Hay Merger with Turnchute \$3500; 75 gal. gas water heater never used \$600; 50 cow 2" stainless steel pipeline complete with vacuum pump \$4500; 600 gal. muellar bulk tank \$2750. 802-770-0959 (9/16)

Used Ag Tires: 2 x 13.6 x24 and 2x 18.4 x 34. Pictures upon request. \$450.00 Rockingham 802-463-4909 or cell 802-289-3629 (9/16)

5 horse power motor, good shape. 9.5 horse power motor excellent, 802-895-4683 (9/16)

2 16.5 by 28 inch tractor tires and one Farmall H tractor needs work \$500 for the tractor and \$150 for the tires. 802-287-9063 (9/16)

New Holland 311 Hayliner with kicker square baler \$6500, Allis Chalmers 8010 120 HP tractor \$10000, NH Disc Bine 1411 excellent condition \$10000, 1996 Vicon 9 wheel rake \$2000, Dynavent 40 ft hay elevator on wheels with winch and cable with ¾ HP dayton

motor \$2500. 802-796-6067 (9/16)

MF to 35 4 cyl standard engine good condition \$3500, MF IND 20 3 cyl Perkins engine with Loader \$4500, Ford 101 3 pth 2 btm plow \$350, Case 3 pth 2 btm plow \$250, Military Gen, jeep engine powered \$350, Cub Cadet 104 w mower deck hyd left manual trans \$450, 5+6 ft trailing harrows \$250, 24" planer with 4 cyl novo engine power plant \$550, JD 2500 4btm spring reset plow, JD F130 3 btm plow. 603-313-3039 (9/16)

3 pth, 6 pt land rake in good condition \$300 603-542-7626 (9/16)

12"-28" 6 loop Rim to fir Ferguson 40 pedestal sink, both in good condition. Leave message 802-767-6077 (9/16)

Knight model 3300 real Auggie, scales as is \$3950. 6 plastic tanks with cage 250 gal. \$75 each. Brush-Hog 5ft solid \$550. 3 running gears good rims and tires \$750 each. JD snowblower 7ft 3pt new condition \$2500. Smokey solid bottom hay elevator 30ft motor \$2950. NH model 258 hay rake 5 bars clean \$2950. NH model 488 haybine 9ft clean \$3950. 2 150 gal plastic water tanks \$100 each. 802-483-2870 (10/16)

New Holland 892 chopper both hay and two row corn heads. International NO 56 silo blower short hopper with auger feed. 802-372-4513 (10/16)

50 Cow universal pipeline complete \$4000. 500 gal Mueller model M bulk tank \$2500 802-265-4546 leave message (10/16)

10 ton reed grain bin N cone and auger \$1000. 802-265-4546 (10/16)

1 aluminum rd walk thru gate \$8. Metal flat steel gate-some with hinges and posts 2-16' 4-14' 1-10' \$15-\$25. 3 15 gal water tubs- rubber \$5 each. Pair D ring harnesses and bridles used twice draft horse size \$800. Used fiber glass post and wire rolled up

4'x5' .50 & \$1.00. 4 panels 14'-16' \$10 each. 802-295-2910 (10/16)

Behlan Country stock tank, heavy duty blue round poly tank, 8'-0" dia. x 2'-0" deep. Also ideal as kid's swimming pool, or install seats and float down the river. \$195.00 802-234-5653 (10/16) Teamster 2000 ground drive pto cart ground drive pto hydrolic 3point hitch bench seat 3pt tool bar pole and 3horse hitch adaptor runs pto driven equipment \$3000 opeartor manual and original promo video. Putney, VT. 802-387-4412 (10/16)

1982 John Deere 4440 8 speed power shift forward 4 speed reverse 2 remotes 3pt hitch PTO excellent condition everything works in cab including AC radio Rubber OKCall or stop by Hudak Farm in Swanton to take a look! (802) 527-7956 (10/16)

John Deere MX-8 rotary cutter, 96-in. cutting width, 1-12" cutting height, semi-mount offset up to 13" left or right, 2" brush cutting capacity, like-new, \$4,500, 802-895-4551(10/16)

John Deere 115 rear blade, 8 ft wide, hydraulic offset from 0-45 degrees left or right, hydraulic tilt from 0-18 degrees left or right, \$2150, 802-895-4551(10/16)

New Holland 408 Discbine Mower Conditioner, \$6,250 New Holland 565 Baler, \$7,000 EZ Trail Hay Wagon, \$3,500 Pequia Hay Wagon, \$2,500 1-802-728-9102 (10/16)

Stock Tank, Behlan Country heavy duty blue round poly tank, 8'-0" dia. by 2'-0" deep. Also ideal for kid's wading pool. \$150.00. 802-345-5653. (10/16)

John Deere Rotary Chopper (Green Chopper). Excellent condition \$6,500

Two Diller Wagons for round bales, 28' long by 7'4 ft. wide \$3,500 each. Wagons can also be used with Green Chopper. Dummerston, Vermont 802-254-4634

(10/16)

**Farm & Farmland**

38 Country Acres for Sale. 16 acres hay meadow, 22 acres wooded. excellent farming community in Addison County. Close to Lake Champlain, hunting, fishing, & boating. Great location for small farm or country home. Call 802-948-2382 evenings. (9/16)

56 acre farm for sale in Granville - 28 acres tillage. House and barn. Land protected by conservation easement and option to purchase at ag value. Vermont Land Trust seeks buyers who will farm commercially. \$195,000. Call (802) 533-7705 www.vlt.org/bagleyfarm (9/16)

**General**

Several wire top greenhouse tables. Many trays for plants new bussel and 119 packing and shipping boxes. New corn and vegetable bags much more. 802-472-6308 (9/16)

Trucking cattle, goats, sheep to CVLM every Tuesday, strong market prices 802-483-2870. (10/16)

Wooden Cider barrel 50 gal with stand. \$250 Orwell 802-948-2627 (10/16)

10 to 11 grain bin. 11 to 12 grain bin good shape. 9 horse power motor completely rebuilt. 86 hay elevator 4 row corn platter. 802-489-4481 or 895-4683 (19/16)

150-gallon Demco PRO SERIES orchard sprayer, cash or will trade for plastic calf hutches. Hutches wanted. (802) 645-0865 (10/16)

**Hay, Feed & Forage**

2nd Cut Hay - 4x4 Round Bales in Rockingham. Call Don 802-463-4909 cell 289-3629 (9/16)

First cut hay – small square bales and 500 lb round bales. Corn silage and 1st cut and 2nd cut haylage. 802-394-2976 (9/16)

Winter rye, small straw bales from this winter rye crop, frozen & fresh elderberries, all organic. Thornhill Farm, 198 Taylor Road, Greensboro.



barn:802.533.9888. Todd Hardie. todd@thornhillfarm-vermont.com(10/16)

#### ORLEANS COUNTY

North Troy certified organic large dry and large wrapped round bales. Also haylage in ag bags. Conventional large dry small square and wrapped round bales also haylage in ag bags. 802-988-2959 or 802-274-2843 (10/16)

#### RUTLAND COUNTY

1st cut 4x4 wrapped Round Bales Spotted Dog Family Farm 802-236-0144 or 802-247-6076 and leave a message (11/16)

#### Goats

Goats for Sale \$100 for 5 yr. old LaMancha/Saanan nanny & 1 yr. old wether nanny was producing 1 gallon per day Both are very friendly, fully tested and healthy Contact Lisa at lisawg@aol.com or (802) 558-2770 (9/16)

Registered Alpine Doe Goat for sale. Lazy-Lady-Farm's Mountain Girl is a 3 yr. old in milk, second lactation. CAE, CL, Johnne's negative. Organically raised. \$400 or with doeling for \$550. www.sugartopfarm.com or sugartopfarm@yahoo.com (10/16)

Registered Alpine Buck Goat for sale. Pike Farm One More Time is a proven 1.5 year old. Photos of offspring available. CAE, CL and Johnne's negative. www.sugartopfarm.com or sugartopfarm@yahoo.com (10/16)

AlpineGlo Farm is offering two alpine dairy doelings for sale

as well as several bucks ready to breed this fall. All of our stock is ADGA registerable, disbudded, and vaccinated. Superior genetics including, Roeburn's, Mamm-Key, Missdee's and Kickapoo Valley bloodlines. Prices ranging from \$275-\$400. Follow us on Facebook, visit www.alpineglofarm.com, or call Rachel at 802-463-2018 for specific details. (10/16)

#### Horses & Other Equine

Registered Paint Horse for Sale 15.3 hand tobiano gelding, 14 yrs. Old \$500 OBO to good home only. Suitable for light trail riding only submissive with other horses, good companion. Contact Lisa at lisawg@aol.com or (802) 558-2770 (9/16)

Registered Percheron 5 year old mare and her June foal bred back for 2017 foal also registered 15 month old stud colt. 802-525-3733 (9/16)

Miniature mares real black and white Pinto mare AMH 2 registered. 31 in 4 yrs \$800 Palomino Pinto 32 in not registered \$400. Good homes. 802-883-5547 (10/16)

#### Horse Equipment

Homemade forecarts, set of harnesses (nylon), harness parts, iron whipple trees, World War I army saddle. 802-877-3297 (9/16)

#### Poultry & Rabbits

Baby Guinea hens 1 month old will keep your place clean of ticks and bugs. 802-483-6521 or 802-236-0133 (19/16)

#### Sheep

Registered, halter trained Romney lambs for sale. White and Natural Color from excellent stock. Great for show or to add to any flock. Rams and ewes meet breed standards and have beautiful wool. Each lamb \$275. Katherineknox11@gmail.com; 802-233-2640 (9/16)

Registered, halter trained, white Border Leicester lambs for sale. Rams/ewes comply with breed standards and would do well in the show ring or be a wonderful addition to any flock. Wool has great luster. Each lamb \$275. 802-233-2640; Katherineknox11@gmail.com (9/16)

**BORDER LEICESTER SHEEP FOR SALE:** Top quality ewes and lambs; White and

natural colored; Most are registered, some purebred unregistered. Seed stock for many US champions. \$150 to \$350. Photos on request. Contact Sue Johnson, Hinesburg. 802-482-2507 suejohnson@gmavt.net (9/16)

2 registered Shetland ewes, born Spring 2016, for breeding, lawn trimmers or pets. Also 1 wether, born 2016. Assorted natural colors, exceptional fleece for spinning or felting. Nice temperaments. Shots current. \$100-\$300. Two Grammas Farm, Richmond, 802-734-8456 (10/16) Registered Shetland ram, 3 years old. Proven. Good conformation. Light brown wool (mioget), excellent for spinning or felting. Sociable. \$200. Two Grammas Farm, Richmond, 802-734-8456 (10/16)

#### Vegetable & Berry News

*continued from page 10*

Lucky to have a neighboring orchard that rented us 21 more bins to complete our harvest. We do have a bacterial spotting that is ruining the Sunshine variety that we never had problems with before. Spaghetti squash has over produced again by a couple thousand pounds. Onions look awesome, largest crop ever and no diseases. Again, we have thousands of pounds extra and will put it all on the list serve soon.

Shipping seed garlic, best crop maybe ever! Started production of "Black Garlic" and will find out soon if there is a culinary market for a \$40/lb. specialty crop. Tunnel raspberries show hardly any sign of SWD, although I have seen a bunch out side the tunnel. Late crop tunnel tomatoes coming on strong, but markets are weak at the moment. Finding lots of

tomato horn worms totally parasitized, no need to spray Dipel, love that! Fall carrots and beets looking nice, waiting for a rain, just to busy to turn the drips on. Turnips struggling for some reason, may not be many here, although celeriac looks great. Fall is our busy season so losing some key people really hurts but the show must go on. Starting to think about next year; new fields plowed and cover crops growing nice, always makes me happy. Between-beds ground cover experiment looks great and really enjoy the weed free fields!

(Monkton) This season is shaping up to be a good one in spite of irrigation becoming a full time job. Monitoring for leek moth helped us keep them under control and the result is outstanding crops of garlic and onions. Heirloom tomatoes also did really well in spite of the largest community of hornworms

#### Sugaring Equipment

Sugaring Equipment- 2 (40) gallon stainless barrels excellent shape \$150 each (802) 558-8196 (8/16)

5x12 Evaporator Leader pans. Front pan not great but usable. Back drop flue pan refurbished by Leader Co in Swanton this past year. Tired but can still get the job done. \$2000 OBRO 802-793-5075 (9/16)

#### Wanted

Manure spreader – good condition – 603-543-3616 (10/16)

A pair of this year's Hereford calves. Will pay \$1.40 a lb for calves 450 lbs or smaller. (802) 472-5084 (10/16)

Beef calf for veal. Someone who can deliver to Joe's Pond (West Danville/Cabot) area. Call Israel 563-6061 (10/16)

we've ever hosted. Sweet potato harvest is underway and the yield seems good in spite of dry conditions. Second-cut hay yield is also good thanks to a few timely showers. We did dig a well and a pond this year since we can't seem to depend on rain. SWD is present but not yet a huge problem. Farmers' markets have been slow and we wonder if this is a trend. We have a great crew and are thankful.

#### Post Harvest Processing Of Medicinal Herbs Workshop

Thursday, September 29th from 6 to 8 in Burlington at the Railyard Apothecary.

This class will be suited for small-scale home gardeners interested in learning how to store and use for a home apothecary to larger scale farmers who want to add value to medicinal herbal agriculture.

*continued on page 14*

**Vegetable & Berry News***continued from page 13*

More info and registration at: <http://nofavt.org/events/post-harvest-processing-medicinal-herbs-market>.

**Powdery Mildew Study Underway**

The Northwest Crops

and Soils Program of UVM Extension has been evaluating four different biofungicide products (Sonata, Cease, Regalia, and Actinovate) for their efficacy in preventing and treating powdery mildew. Results will be shared late fall/winter 2016 and can be found at our website:

<http://www.uvm.edu/extension/cropsoil/>. For more info contact abha.gupta@uvm.edu.

**Pitney Farm Fundraising Dinner**

Sunday, October 2 from 4 to 7 pm in Saratoga Springs, NY. This fundraiser is in the final months of the campaign

to purchase the historic Pitney Farm and preserve it as a working farm with an agricultural conservation easement. Spearheaded for 5 years by farmers Sandy and Paul Arnold, and Michael Kilpatrick the project is coming to fruition. Join us for this fundraising farm to table feast by Kim

Klopstock of Lily and the Rose catering, or give a gift for this project. For more information, to register by Sept. 26, or to give a gift, visit: [www.pitneymeadows.org/events](http://www.pitneymeadows.org/events) or call 518-290-0008. Tickets are \$150 per person; Children under 12 and students \$100.

**Vermont Weekly Farmers Market Report**

For week ending September 11, 2016

Commodity	Produce			Meats/Proteins		
	Not Certified Organic			Certified Organic		
	Low	High	Average	Low	High	Average
Apples (per pound)	\$1.25	\$1.25	\$1.25	\$-	\$-	\$-
Arugula (per bag)	\$4.00	\$4.00	\$4.00	\$-	\$-	\$-
Asparagus (per bunch)	\$-	\$-	\$-	\$-	\$-	\$-
Basil (per bunch)	\$1.00	\$2.00	\$1.50	\$-	\$-	\$-
Beets (per bunch)	\$2.00	\$4.00	\$2.70	\$-	\$-	\$-
Blueberries (per pint)	\$3.00	\$5.00	\$4.00	\$-	\$-	\$-
Broccoli (per pound)	\$3.00	\$3.00	\$3.00	\$-	\$-	\$-
Brussels Sprouts (per pound)	\$4.00	\$4.00	\$4.00	\$-	\$-	\$-
Cabbage (per head)	\$1.50	\$5.00	\$2.70	\$-	\$-	\$-
Carrots (per bunch)	\$2.00	\$4.00	\$2.67	\$-	\$-	\$-
Cauliflower (per head)	\$3.00	\$3.00	\$3.00	\$-	\$-	\$-
Chard (per bunch)	\$1.50	\$2.00	\$1.75	\$-	\$-	\$-
Corn (each)	\$0.60	\$5.00	\$2.35	\$-	\$-	\$-
Cucumbers (each)	\$0.50	\$2.00	\$1.06	\$-	\$-	\$-
Dill (per bunch)	\$2.00	\$3.00	\$2.50	\$-	\$-	\$-
Eggplant (per pound)	\$2.00	\$4.00	\$3.00	\$-	\$-	\$-
Garlic (each)	\$2.00	\$12.00	\$6.40	\$-	\$-	\$-
Green Beans (per pound)	\$1.50	\$5.00	\$3.50	\$-	\$-	\$-
Kale (per bunch)	\$3.00	\$4.00	\$3.33	\$-	\$-	\$-
Kohlrabi (each)	\$-	\$-	\$-	\$-	\$-	\$-
Lettuce (per head)	\$3.50	\$5.00	\$4.17	\$-	\$-	\$-
Melons (each)	\$1.00	\$1.75	\$1.33	\$-	\$-	\$-
Microgreens (per pound)	\$2.50	\$2.50	\$2.50	\$-	\$-	\$-
Onions (per pound)	\$0.50	\$2.50	\$1.70	\$-	\$-	\$-
Parsley (per bunch)	\$1.00	\$1.00	\$1.00	\$-	\$-	\$-
Peppers (per pound)	\$0.25	\$4.00	\$1.81	\$-	\$-	\$-
Potatoes (per pound)	\$2.00	\$16.00	\$5.61	\$-	\$-	\$-
Pumpkins (per pound)	\$1.00	\$12.00	\$5.33	\$-	\$-	\$-
Radishes (per bunch)	\$2.00	\$3.00	\$2.17	\$-	\$-	\$-
Raspberries (per half pint)	\$-	\$-	\$-	\$-	\$-	\$-
Rhubarb (per pound)	\$-	\$-	\$-	\$-	\$-	\$-
Scallions (per bunch)	\$2.00	\$2.50	\$2.00	\$-	\$-	\$-
Spinach (per pound)	\$5.00	\$5.00	\$5.00	\$-	\$-	\$-
Strawberries (per quart)	\$-	\$-	\$-	\$-	\$-	\$-
Summer Squash (each)	\$0.50	\$2.00	\$1.36	\$-	\$-	\$-
Tomatoes (per pound)	\$2.50	\$4.00	\$3.36	\$-	\$-	\$-
Winter Squash (per pound)	\$1.00	\$1.50	\$1.13	\$-	\$-	\$-
Zucchini (per pound)	\$0.50	\$2.00	\$1.25	\$-	\$-	\$-

Commodity	Meats/Proteins		
	Low	High	Average
Lamb Chops	\$16.00	\$18.00	\$17.17
Rack of Lamb	\$16.00	\$18.00	\$17.33
Leg of Lamb	\$12.00	\$15.00	\$13.33
Ground Lamb	\$10.00	\$12.00	\$11.00
Ground Beef	\$5.00	\$9.25	\$7.00
Ribeye	\$9.00	\$19.00	\$15.07
Sirloin	\$8.00	\$15.00	\$11.24
Round Roast/Steak	\$6.00	\$10.00	\$8.19
Chuck Roast	\$6.00	\$10.00	\$8.40
Strip Steak	\$9.00	\$23.00	\$16.17
Skirt Steak	\$5.00	\$12.00	\$9.56
Tenderloin	\$12.00	\$24.50	\$19.97
Eggs (per dozen)	\$4.00	\$5.50	\$4.59
Whole Chickens	\$3.60	\$5.50	\$4.82
Ground Pork	\$6.25	\$8.00	\$7.35
Pork Chops	\$6.00	\$12.00	\$9.30
Pork Loin	\$7.00	\$12.00	\$10.33
Pork Tenderloin	\$7.00	\$18.00	\$12.25
Shoulder Roast	\$7.00	\$11.00	\$8.60
Hams	\$9.00	\$11.00	\$10.00
Baby Back Ribs	\$6.00	\$13.00	\$9.67

**Market Comments****SEASONALITY:**

More commodities are appearing, and even more are expected in the coming weeks.

**WEATHER CONDITIONS:**

Most markets reported very hot, humid weather. Some markets reported rain and heavy showers.

**ATTENDANCE:**

Due to the weather, the majority of the markets reported that attendance was average, with the exception of one market who reported less traffic due to rain.

**VENDOR COMMENTS:**

N/A



Source:  
VT Agency of Ag - USDA  
New Holland-Lancaster County, PA  
Hailee May, Market Reporter  
P. 802-828-5445  
E. Hailee.May@state.vt.us

Levi Geyer, OIC  
Cell: 717-406-7350  
Office: 717-354-2391

# Scenes from the Champlain and Tunbridge Fairs



## Addison County Ag Showcase

Story and photos by Dominique Golliot

**B**ourdeau and Bushey Inc. held their annual Addison County Ag Showcase and chicken lunch on Thursday, September 8th in Middlebury. The event, also sponsored by Feed Commodities International, featured roughly 50 vendors and suppliers and drew in over 300 area farmers and agricultural enthusiasts. The Addison County Ag Showcase is probably best known for “Skip’s secret recipe for chicken BBQ”, which is highly regarded among event attendees.



The  
Vermont Agency of Agriculture's

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### After-Effects of Drought *continued from page 9*

and moisture for plants to fully recover from a very dry summer.

Many woody and herbaceous perennials that bloom early in the season set their buds the previous year. These include lilacs, forsythia, peonies, and many daylilies. Even the later bloomers may have less

growth next year as a result of the stresses this year. So, keep an eye on these and, if they are not at their best this coming year, don't despair but have patience!

If, in any given year, your plants don't bloom or perform well, ask yourself what happened last year. Were there stresses? Or, did the plants bloom quite well and now are taking a year to recoup? Some fruit trees do

this naturally and regularly, a natural process termed “alternate bearing.” Understanding what happened the year before will help you provide proper care—and extra help if needed—for your plants this year.

*Distribution of this release is made possible by University of Vermont and Green Works—the Vermont Nursery and Landscape Association.*