

AGRiVIEW



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Vermont Products a Hit in Japan

Agency of Agriculture, Food and Markets leads successful business-to-business mission to Tokyo

By Chelsea Lewis, Vermont Agency of Agriculture, Food & Markets

How about some smoked maple syrup with that yakitori? And some Vermont hard cider to wash it down? Japanese consumers may soon see more Vermont products on the menu, thanks to a successful trade mission led by Deputy Secretary of Agriculture, Jolinda LaClair. Eight of Vermont's premier specialty food and beverage companies, including maple, cheese, cider and spirits traveled to Tokyo with the Deputy Secretary during the last week in October. The trip was co-organized by Susan Murray, Director of the U.S. Commercial Service Vermont Export Assistance Center, and Food Export USA, a non-profit trade promotion organization based in



Philadelphia.

While many Japanese consumers may not yet be familiar with the Vermont brand, the product attributes they are looking for align well with what Vermont has to offer: high-quality, healthy, organic, and beautifully packaged food and drink

are in demand. Japan is the third largest consumer of maple syrup, after the U.S. and Canada, and the U.S. Department of Agriculture asserts that it continues to represent one of the best opportunities in the world for American food producers.

"The Vermont brand stands for

quality, purity, and authenticity," said Deputy Secretary LaClair. "It became clear during our mission that there are good prospects for Vermont products in Japan, and this mission is just the first step in an emerging trade relationship."

Participating companies represented seven Vermont counties:

- Caledonia Spirits, Hardwick
- Dorset Maple Reserve, Dorset
- Runamok Maple, Cambridge
- Vermont Harvest Specialty Food, Stowe
- Sap Maple Beverages, Burlington
- Shacksbury Cider, Vergennes
- Spring Brook Farm, Reading
- Sugar Bob's Finest Kind, Londonderry

The Vermont cohort took part in

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AGRiVIEW

Vermont Agency of Agriculture, Food & Markets

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Thanksgiving Reflections

Thanksgiving is a special holiday for many farming communities throughout the United States, as it is, more than any other American holiday, organized around food. This day of gratitude coincides with the end of the growing season and is an opportunity to celebrate the year's agricultural bounty. For many Vermonters, Thanksgiving continues to be a celebration rooted in agriculture.

While many Americans are no longer connected to the origins of their food—where it comes from, how it is grown, and by whom, many Vermonters still are. In fact, Vermont is home to 12,000 farm operators (3.6% of the work force) and more farmers' markets, farm stands, CSAs and farm to school programs than any other state in the country per capita.

We Vermonters have many reasons to be thankful—for living in this remarkable state, for being a part of such a remarkable agricultural

community, and, of course, for the food on our tables painstakingly raised, cultivated, cared for, harvested, slaughtered, prepared and packaged by hardworking farmers throughout Vermont and the region.

As we gather around the table this holiday season, we must also

remember the many members of our communities struggling with food insecurity, and rarely know where their next meal is coming from - on Thanksgiving or any other day. It can be hard to reconcile the reality of hunger in a state like Vermont, with its rich history in agriculture and

its global reputation for fine foods, but hunger is a reality in Vermont communities, it is probably a reality in your neighborhood. According to the Vermont Foodbank, 153,000 Vermonters struggle with hunger. That number includes one in five Vermont kids who may not have enough to eat. The good news, is that we can do something about it. To learn more about hunger in Vermont and what you can do about it at <https://www.vtfoodbank.org/> and <https://www.hungerfreevt.org/>.

I wish you all a wonderful Thanksgiving and holiday season, full of thankfulness, thoughtfulness, love, generosity and joy.

Sincerely,



Chuck Ross
Vermont Secretary of Agriculture



Editor's Note

Over the years, many of our *Agriview* readers have expressed sadness that we no longer publish recipes in *Agriview*. Most months, I also feel sad that I run out of time and printing space for a deep and meaningful "Editor's Note" for *Agriview*. So, I've decided, for the time-being, to dedicate this space to delicious, local recipes that highlight ingredients made, raised, grown in Vermont. Let me know what you think!

— Hannah Reid, *Agriview* Editor



Caramel Baked Apples with Caramel

Shared by Calley Hastings of Fat Toad Farm
www.fattoadfarm.com

Ingredients:

4 Macintosh or other baking apples
4 Tablespoons butter
4 Tablespoons Fat Toad Farm or other caramel sauce at room temperature

Directions:

Core 4 Macintosh or other baking apples, and place them in 8X8 baking pan.
Put a dollop of butter in cored center of each apple.
Bake at 350 for 45 minutes or until golden brown.
Pour caramel in the center and drizzle on top.

Garnish with a cinnamon stick or serve with vanilla ice cream (or both!).
Serve immediately and enjoy!

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Vermont Farm to School Conference Gathers Over 250 Local and National Leaders

By Hannah Reid, Vermont Agency of Agriculture, Food & Markets

Over 250 local and national farm to school leaders gathered together in early November at the 2016 Vermont Farm to School Conference to learn about the positive impacts of Farm to School programming, sample local cuisine, and help shape the future of farm to school in Vermont. Held over the course of two days at Lake Morey Resort in Fairlee, Vermont, the conference featured talks by US Senator Patrick Leahy, USDA Farm to School and Community Food Systems Director Deborah Kane, and Executive Director of Child Nutrition of Detroit Public Schools Betti Wiggins.

Conference attendees had opportunities to attend over 25 workshops focused on a variety of topics including farm to school curriculum design and funding strategies, sharing stories of impact, school garden program planning, and engaging teens through innovative food systems programs. A number of state government leaders and representatives were also in attendance, including Vermont Deputy Secretary of Agriculture Jolinda LaClair, Commissioner of Health Harry Chen, MD, Secretary of Education Rebecca Holcombe, and Windsor County Senator Dick McCormack.

"Vermont has long been a leader of farm to school



Local and national Farm to School Leaders connect at the 2016 Vermont Farm to School Conference in Fairlee, VT to listen, learn, and Develop Plans to Grow Farm to School Throughout Vermont.



efforts, and this conference is a clear indicator of what has seeded that leadership," said USDA Farm to School Director Deborah Kane during her keynote speech yesterday. "I am so inspired by Vermont's vast farm to school network and its strong, meaningful, and effective partnerships. Working together helps make farm to school work!"

The first state in the nation to implement a Farm to School Grant Program, Vermont has long been a national leader in the Farm to School movement. Since 2007 the Vermont Farm to School Grant Program, administered by the Vermont

Agency of Agriculture, Food & Markets (VAAFMM), has invested over \$1.5 million in Farm to School Programs in over 30% of Vermont's schools, reaching over 30,000 students.

The Vermont Agency of Agriculture, Food, and Markets recently announced more than \$130,000 in fund-

ing available to Vermont schools in 2017. Grants are available for planning and development of new Farm to School (FTS) Programs, expanding existing FTS programs, or (new for 2017) transitioning to a universal meals program, which enables schools to offer all students fresh, healthy meals

at no charge.

"I am extremely proud of the innovation and leadership provided by Vermont's Farm to School Network over the last 10 years, and I'm pleased to see so many people here today working together to strengthen and grow the

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"Working with VACC was a great experience and their friendly staff were very involved in the loan process..."
 - Karen LaBree

Vermont Manure Spreading Ban Effective as of Dec. 15

By Ryan Patch, Vermont Agency of Agriculture, Food & Markets

The manure spreading ban will once again take effect on December 15th, 2016.

This annual ban is part of an overall strategy to protect our working landscape and natural resources, as outlined in Vermont's new Required Agricultural Practices (RAPs), a critical component of The Clean Water Act (act 64) passed in the 2016 legislative session. The Agency of Agriculture works

closely with farmers across the state to ensure the RAPs are properly observed.

Manure spreading is a common practice in Vermont agriculture which enriches the soil for production and helps manage animal waste.

The manure spreading ban is a regulation that has been in place since 1995 under the Accepted Agricultural Practice rules (AAPS). Vermont was a leading state in developing such a ban. In recent years several other states have considered adopting, or have adopted,



the idea. Research has shown that manure applications on frozen ground can increase the runoff potential. Vermont chose to select a ban period from December 15th to April 1st each year to protect water quality; however the Agency has discretion with those dates to accommodate unusual

circumstances.

During the ban, farmers must either have a storage structure that is capable of holding all manure produced from December 15th to April 1st, which is 107 days, or they must be able to stack all manure produced in a way that will not lead to water quality impacts. Exemptions for winter manure spreading are available only for emergency situations, such as structural failure of a waste storage facility. If a farmer anticipates having an issue meeting the winter manure spreading ban restrictions, please contact VAAFM for assistance with planning winter manure management.

When stacking manure, RAPs require that stacking

sites be located more than 100 feet from private wells or property boundaries. In addition, manure cannot be stacked on unimproved sites within 100 feet of surface water, or on land that is subject to annual overflow from adjacent waters. In all these situations, however, farmers have the opportunity to demonstrate to the Secretary of Agriculture that no alternative sites exist to enable you to meet these restrictions.

If you have any questions about the manure spreading ban, or would like assistance in the selection of appropriate manure stacking sites, call the Agency of Agriculture at (802) 828-3475.

Farm to School Conference

continued from page 3

farm to school movement throughout our state," said Vermont Ag Deputy Secretary Jolinda LaClair. "Our Farm to School programs are essential to building a culture of 'Ag Literacy' in our schools and communities and to preparing our students to make a lifetime of healthy choices."

Hosted by the Agency of Ag and Vermont FEED, in partnership with the Vermont Farm to School Network, the 2016 Farm to School Conference offered workshops and opportunities for both beginners and experts dedicated to food, farm, and nutrition education. The goals of the conference included:

- Strengthening the connections between the classroom, cafeteria, and

community and share best practices from across the state

- Strengthening the Vermont Farm to School Network and connect people so they envision themselves as part of the FTS Movement
- Widening the audience aligned with Vermont's Farm to School goals and strategies

Betty Wiggins, the Executive Director of Child Nutrition of Detroit Public Schools, spoke at the conference dinner on Wednesday night, November 3, which featured bean and vegetable cassoulet made with locally grown beans from Vermont Bean Crafters. Responsible for school meals in 137 schools in Detroit, Betty credits the Vermont Farm to School model for much of the success of her farm to school programs.

"I need to thank Vermont



and all of you for providing me with the inspiration to start farm to school programs in my own school system in Detroit," said Wiggins. "Almost a decade ago, I visited Vermont to learn about farm to school, and I stole your model. At this point in my talk, I just wanted to remind you all that imitation is the highest form of flattery."

"Our goal at the Vermont Department of Health is to help ensure the 'healthy

choice' is also the easy choice and the attractive choice for kids," said Health Commissioner Harry Chen, MD. "Farm to School does just that by making local, healthy foods available to our children in a way that is appealing to them."

The conference attracted a wide range of FTS members and leaders, including farmers, food processors & distributors, child nutrition professionals, teachers, school administrators, government

officials, policy makers, advocates, and non-profit partners. In welcoming remarks, VAAFM Food Systems Chief Abbey Willard challenged all conference attendees to "learn something new, share something inspirational, and commit to replicating something successful in your community."

Conference attendees heeded this opportunity and spent two inspirational days sharing stories and communicating the educational, nutritional, and economic impacts of Farm to School in their communities.

For more information about Vermont Farm to School visit http://agriculture.vermont.gov/producer_partner_resources/market_access_development/farm_school or contact Ali Zipparo at Alexandra.Zipparo@vermont.gov or call (802) 505-1822.

Educating Your Clients about Their Obligation to Follow the Pesticide Label

By Daniel Hudson, UVM Extension Agronomist

Vermont is well served by its custom pesticide applicators. Having these professionals in the state allows many farmers to focus on their strengths, while delegating important but time-consuming weed control activities. There are plenty of farmers who are quite happy not owning a sprayer, not needing to handle pesticides, and not needing to maintain the necessary certification. That being the case, many farmers are less involved in making pesticide decisions than they should be and often lack understanding of the products used on their fields and the associated management implications. Since many farmers have never had, or no longer hold a private applicator's certificate, many of them incorrectly assume that the pesticide applicator bears all of the responsibility for whatever laws are in place concerning pesticide use: keeping it off of the neighbor's lawn/field and out of the creek, putting the right stuff on the right crop, and applying an appropriate rate of product. Farmers often are not aware they are legally obligated to follow the label when it comes to crop rotation restrictions, re-entry intervals, and pre-harvest intervals. A lack of awareness of crop rotation restrictions is probably

the most common practical problem among the three.

What information are custom applicators legally required to provide to customers?

Current regulations state that the custom applicator "shall provide the following information (on a bill, invoice or other written documentation) to all customers or persons for which pesticide applications are exchanged for remuneration, at the time of application except for applications under Section IV 8:

- (1) the common or trade name for each pesticide used;
- (2) the EPA registration number for each pesticide used;
- (3) the amount of each pesticide used;
- (4) the pest(s) treated for; and
- (5) the name and signature of the applicator"

That is all good information to give the producer, but it does not convey any information to the farmer about the remaining obligations they (the farmers) have in regard to the law/label. If it was a corn herbicide, for example, when can grasses/legumes be planted next? More than one corn herbicide has a plant back restriction of 18 months! Many farmers do not know that!

Because the label is the law, it must be followed



absolutely literally even with regard to cover crops. The Vermont Agency of Agriculture has latitude to *reasonably* interpret Federal law with regard to language on labels. When the label states that particular cover crops or specific crops for rotation may be used, or limits when those crops may be planted after application of the herbicide, those restrictions must be followed. However, the Agency has stated that a cover crop being grown in the plant back restriction is compliant with the label restrictions if 1) the farmer/manager accepts the risk that residual herbicides will kill or injure it; and 2) the cover crop is treated as a 'green manure' (i.e., it will not be fed to livestock and generally has the purpose of improving the soil). If a cover crop was planted in violation of the label rotational restrictions, it cannot be harvested for feed no matter how beautiful it is, how much it is worth, or how urgently someone needs the feed.

With more farms being required to follow the new Vermont Required Agricultural Practices

(RAPs), I expect to see more crop rotation on fields that have rarely been planted to anything but corn. The reason for this is that the RAPs will require farmers to follow the USDA-NRCS

590 standard (or something like it) for nutrient management planning. The standard, as applied in Vermont, requires limiting soil losses to specified "tolerable" levels, and crop rotation can help accomplish that. Depending on the product used, your pesticide application on a corn field one year might legally prohibit the farmer from planting certain other crops next year. Farmers need to know that failing to adhere to the crop rotation restrictions listed on the label:

- could cause crop loss and injury to the subsequent crop;
- might inadvertently compromise their nutrient management program;
- could result in their feed, livestock, or milk being

condemned; and

- is a violation of Federal and State law.

Providing pesticide labels to your clients is a good idea, but given how long and involved some of them are, everyone will be well served if pesticide applicators explained the crop rotation restrictions for their proposed pesticide program to their customers *prior* to pesticide application.

If clients ask whether the subsequent crop often/sometimes might actually tolerate (i.e., not be killed by) actions that otherwise violate the label, the only right answer for the custom applicator to give is, "it doesn't matter, because it is illegal to violate anything on the label." Giving implicit or explicit signals that embolden advises to violate the label could cause problems at several different levels. Planning for future crop rotations out of corn by using herbicides that do not have long plant back restrictions will ensure that the requirements of the herbicide label will be met.

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Consumer Night at the Vermont Farm Show

A time to try and buy some of Vermont's best agricultural products—and watch your state senators and representatives compete in the Capital Cook-Off!

By Kristina Sweet, Vermont Agency of Agriculture, Food & Markets

Celebrate the diversity of Vermont agriculture on Wednesday, February 1 at the 6th annual Vermont Farm Show “Consumer Night” at the Champlain Valley Exposition in Essex Junction. Local food and crafts will take center stage in the Blue Ribbon Pavilion at the 2017 Winter Buy Local Market and Capital Cook-Off, free events hosted by the Vermont Agency of Agriculture, Food & Markets. Attendees may also enter into a raffle for a special prize package with every purchase made at the market.

From 4:00–7:00 PM, try and buy a broad range of Vermont food and agricultural products at the Winter Buy Local Market. The market provides Vermont producers the chance to engage new customers through local food sales, sampling, and conversation. Customers will be able to learn about new products and purchase goods from around the state, including ice cream, cheese, wine, beer,

meats, grains, fresh produce, maple syrup, honey, fiber, and value-added products. Other vendors specialize in hand-made crafts such as textiles, candles, and jewelry. It's the best Vermont has to offer—all under one roof!

The 2016 Winter Buy Local Market featured over 50 farmers and producers of local cheese, meat, fruits and vegetables, milk, maple syrup, jams, culinary oils, honey, wine, beer, spirits, wool, and handmade crafts as well as ready-to-eat prepared foods such as Maple Wind Farm's bacon hot dogs and ice cream cones from Kingdom Creamery. Over 500 people shopped and



grazed their way through the local product booths, and three raffle prizes were awarded to lucky Buy Local Market customers.

Beginning at 5:15 PM, watch Vermont State Representatives, State

Senators and Agency of Agriculture staff battle in a contest to showcase local foods in the Capital Cook-Off, an “Iron Chef” style cooking challenge. The evening's surprise local ingredient will be unveiled before the cooking begins, and teams will shop the Buy Local Market for unique products to craft their perfect local dish in just one hour. This year, the Vermont Agency of Agriculture will defend its 2016 championship title after wowing last year's judges with a chevon, or goat meat, stew served on a bed of mashed Gilfeather turnip—Vermont's state vegetable—alongside bacon and smoked maple biscuits.

Capital Cook-Off teams will present their finished dishes to a panel of judges including area restaurant owners, chefs, and public officials. Consumer Night attendees will also have the chance to sample the teams' dishes and vote for the “public pick.”

There is no fee for admission to Consumer

Night; however, non-perishable food donations to support the Vermont Foodbank are highly encouraged. Don't miss this opportunity to sample and learn about great Vermont products in person—and perhaps even win the night's special raffle prize!

Note to Farms and Agricultural Businesses:

Booth space at the Buy Local Market is free, but all vendors must submit an application. To download an application, visit <http://go.usa.gov/3uANH> (case sensitive URL) or contact Faith Raymond at faith.raymond@vermont.gov or (802) 828-2430.

For all other inquiries, contact Abbey Willard (abbey.willard@vermont.gov; (802) 272-2885) or Kristina Sweet (kristina.sweet@vermont.gov; (802) 522-7811).



Risk of Roof Collapse from Ice and Snow Buildup

By Kevin J Bourdon, CIC, AAI

The Farmer's Almanac predicts the winter of 2016/2017 will produce above average amounts of snow in New England.

Regardless of this prediction, we will inevitably receive large amounts of snow from time to time over the winter. Major winter storms produce wet heavy snow and drifting, creating an increased risk for roof collapse. Average snow loads in Vermont vary by region. Southern Vermont receives slightly less snow on average than central and northern regions. Annual snow averages are approximately 80 inches in the south, 98 inches central and 100 inches in northern Vermont. Snow weight varies depending on the type. Light fluffy snow can average 7lbs per cubic foot, with medium (drifted) snow at 15lbs and wet heavy snow at 25lbs per cubic foot.



All farm barns and buildings are susceptible to collapse, especially older lower pitched roof systems. Structures with large spans (freestalls, horse arenas, equipment sheds), intermittently heated buildings, roofs with poor drainage and roofs that tend to collect drifting snow. Structural deficiencies can also contribute to potential roof collapse, including lightly constructed roof framing, truss rafter metal gussets that have deteriorated from years of exposure to ammonia from animals, roof rafters exposed to water damage

from leaks or dry rot. Wear and tear and lack of maintenance on buildings is a major culprit. Barn walls, poles, rafters are commonly hit by equipment and not repaired. Look for these areas prior to snow and ice to reduce your risk of collapse. Roof systems on modern farm barns and buildings are constructed with a "live load capacity", meaning the amount of weight the roof can withstand. Snow load ratings in Vermont vary depending on your area. In western and eastern VT, snow loads can average 40-60lbs per square

foot, with central areas at 60-80lbs.

Things to look for after a major snow or ice event are ripples or bends in metal supports, cracks in rafters, cracking or popping sounds, sagging roofs, etc. If you suspect damage, a building contractor or structural engineer may help you in determining the amount.

It is best to periodically inspect your barn roof during and after a snowfall. If your roof is showing signs of stress and snow removal is required, make sure all people, animals and at risk equipment are moved to a

safe location. Safe access to the roof is required, work in teams, or let someone know what you're doing, remove snow evenly from each side of a gable roof structure (preventing one side from pushing against the other). Consider hiring a snow removal contractor as well.

Check with your insurance agent or company to make sure you have proper coverage, including collapse coverage from the weight of ice and snow.

Vigilance and maintenance are keys to help prevent potential damage from ice and snow.



Vermont Products a Hit in Japan

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a seminar on the Japanese market, toured retail and restaurant establishments, met with Japanese representatives from Burton and Ben and Jerry's, hosted an "Experience Vermont" reception for media and trade, and engaged in one-on-one meetings with buyers who had been specifically pre-qualified by Food Export's Tokyo staff.

"The trade mission to Japan afforded us an opportunity to learn, build relationships and grow our business in a way we could never have done on our own," said participant Curt Alpeter of Runamok Maple. "We now have the first-hand knowledge and connections to pursue business in Tokyo and beyond."

The Vermont Agency of Agriculture, Food & Markets operates International and

Domestic Export Programs, supporting Vermont businesses to develop new market opportunities outside of the state. Funding is available to assist Vermont businesses with entering new markets. For additional information please visit <http://agriculture.vermont.gov/trade-Japan> or contact Chelsea Bardot Lewis, Business Development Section Chief, at lewis@vermont.gov.

FUNDAMENTALS OF ARTISAN CHEESE

January 9 to 18, 2017, Craftsbury Common, VT

The School of the New American Farmstead at Sterling College offers "Fundamentals of Artisan Cheese," an intensive course taught by world-renowned, master cheesemaker, Ivan Larcher at Sterling College in Craftsbury, VT, in conjunction with Jasper Hill, an American Cheese Society-Certified Professional Educator. Visit www.sterlingcollege.edu/cheese for details; register early, space is limited.

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New Initiative Launches to Create Jobs, Expand Vermont Forest Products Industry

Christine McGowan named director of Forest Products Value Chain Investment Program at the Vermont Sustainable Jobs Fund

By Rachel Carter, Vermont Sustainable Jobs Fund

The Vermont Sustainable Jobs Fund has launched a new initiative to assist the forest products industry in creating and retaining quality jobs and opening additional markets for locally produced wood products. A collaboration between the Vermont Sustainable Jobs Fund, the Northern Forest Center, and the Vermont Working Lands Enterprise Board, the new Forest Products Value Chain Investment Program will include business assistance to wood products manufacturers, market research and development, the creation of an industry-wide network, and a comprehensive communications strategy designed to raise the profile of the industry in Vermont and the region.

Christine McGowan of Stowe has been hired as program director. She will be responsible for building a forest industry network to expand the market of Vermont forest products, working with industry members to research and develop new products, and implementing a communications strategy that raises the profile of the people and products behind the Vermont forest products industry.

McGowan previously



Christine McGowan

served in strategic communication roles for the National Wildlife Refuge Association, The Nature Conservancy, and the National Wildlife Federation, where her efforts around the 2010 Gulf oil spill disaster and the 2013 Green Inaugural Ball helped elevate the issue of climate change's effect on wildlife through the media. She grew up working in her family's business, Dorsey Millwork, Inc., a distributor for Andersen Corporation, a major manufacturer of wood window and door products. McGowan and her husband Dan own Lamoille Valley Painters in Stowe.

The Forest Products Value Chain Investment Program grew out of a year-long industry analysis funded and led by the Working Lands Enterprise Board

Forestry Committee who worked with Yellow Wood Associates to identify how to strengthen the industry, access new markets outside the state, and develop new products that could be produced in a more collaborative manner among industry members.

The Vermont Sustainable Jobs Fund's work with the forest products industry dates back to the early 2000s with its Cornerstone Initiative which focused on sourcing more local wood in state and college campus buildings. VSJF also collaborated with the Vermont Wood Manufacturing Association to educate architects and design firms on how to source local wood through the use of 'green specs' in construction projects around the state.

"We are pleased to be able to bring our network development, business assistance and communications expertise to this next phase of forest products industry development – as we've demonstrated most recently through the Farm to Plate Network's implementation of Vermont's food system plan. The goal of the new Forest Products Value Chain Investment Program is to enhance the economic competitiveness of the forest products industry in the region by exploring ways to access new markets outside

the state, developing new products that could be produced using Vermont wood and encouraging innovation and facilitating collaboration among industry members," says Ellen Kahler, executive director at the Vermont Sustainable Jobs Fund.

The Vermont Sustainable Jobs Fund (VSJF) is a non-profit organization committed to nurturing the sustainable development of Vermont's economy. VSJF provides business assistance, network development, research and financing in

agriculture and food system, forest product, waste management, renewable energy, and environmental technology sectors. Located in Montpelier, Vermont, VSJF was created by the Vermont Legislature in 1995 to partner with state government, private sector businesses, and non-profits to build a thriving economic, social, and ecological future for Vermont.

Learn more at www.vsjf.org and www.facebook.com/VermontSustainableJobsFund.



For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: Papa WartHog, LLC. Of Rutland, Vermont to process, package and offer for sale ice cream and frozen yogurt 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 December 15th, 2016.

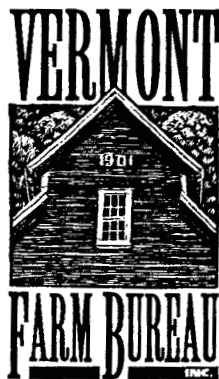
At that time the Agency will make a determination as to whether a hearing will be held. If we determine that a hearing is necessary and you wish to attend please write to the above address attention Dairy Section.

Vermont Farm Bureau Honors Members for Their Service to Agriculture

By Beth O'Keefe,
Vermont Farm
Bureau

Vermont Farm Bureau recognized members for their exemplary service to agriculture at Vermont Farm Bureau's Annual Meeting and Conference at the Stoweflake Mountain Resort and Spa on Friday November 4.

President Joe Tisbert presented **Dr. Bruce Shields** of Lamoille County; Vermont Farm Bureau's most distinguished honor "The Wallace Award". First presented in 1975, this award given by Vermont Farm Bureau honors individuals or couples for their distinguished lifetime service to agriculture. The award is named for



past Vermont Farm Bureau President, Keith Wallace and is presented annually in the spirit of recognizing Vermont's finest agriculturists.

Shields served as a past president of Lamoille County Farm Bureau, and is currently a board member. At the state level he serves as Treasurer of VTFB as well as the Executive committee. Tisbert stated, "You can always count on Bruce to find science based research and results when details are needed. Maple, Forestry and Genetics are just a few topics. He is always willing to present this information to committees when asked. Over the years his love of "Forestry" has led him to develop one of the most detailed and complete



Ed and Kelly Meacham

sections in our policy book. He is a true asset to our organization.

Bruce is a Harvard graduate and has a doctorate from Rutgers University. He lives in Vermont with his wife Kay, and has two children and six grandchildren.

Ed and Kelly Meacham of North Hartland, Vermont were awarded the **Farm Family of the Year Award**. To receive this recognition members must be actively engaged in farming with the majority of their income coming from production agriculture. They milk 100 registered Holsteins and raise 90 young stock. Ed, Kelly and their son Jon and his wife Calista share the dairy chores. The family has 85 acres of corn, 60 acres of alfalfa & 75 acres of grass. Ed and Kelly are very connected with the community. Their service includes Captain of the Volunteer Fire Dept., Junior Holstein Club



David and Peggy Ainsworth

President, 4-H Regional Leader and Local DHIA President, Farm to School Coordinator and Windsor County Farm Bureau trustee. The Meacham's have been Farm bureau members for 33 years.

The **Century Farm Award** went to **David and Peggy Ainsworth** of Westlands Farm in Royalton. The farm

has been in the family since 1867. David took it over in 1984. They currently milk 50 cows and house 50 heifers on their 442 acre farm. They have a 3600 sq./ft. green house in which they grow tomatoes & peppers. For the town of Royalton David has served as Library

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Dr. Bruce Shields receives the The Wallace Award from President Joe Tisbert.

Brighten Up the Barn this Fall

Offer available through December 31, 2016

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VERMONT VEGETABLE AND BERRY NEWS



Compiled by Vern Grubinger,
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www.uvm.edu/vtvegandberry

Reports From The Field

(Fairfax) great weather for fall harvest. Swede midge is mystifying. Had lots of injury in early July on cabbage. Tried late broccoli, had some midge damage but in general a decent crop. Late kale had very little damage. Last year we had extensive damage in July on broccoli but had a great fall crop. We continue to move brassicas as far as we can but starting to think that planting timing can play a role in management. Who knows. We're going to continue with brassicas assuming some loss will occur every year, but hopefully multiple plantings will result in some success. We had great success with using black textile cloth between plastic on peppers. Will use more next year, likely try it on winter squash as well. Will be interesting to see how many years use we get with the material.

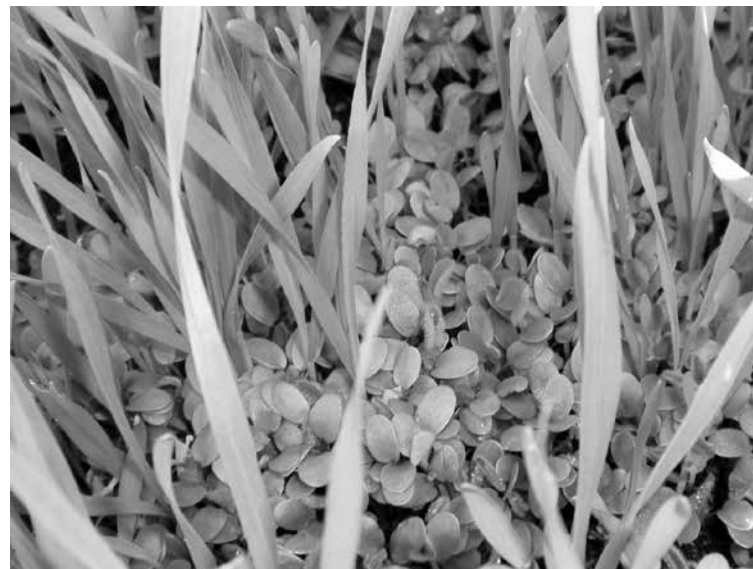
(Starksboro) We still have a few things in the field, but otherwise we're wrapped up with field work. Good stands of winter rye on most fields. We interseeded winter rye on the late harvested

crops. There was a time, not too long ago, when we were the only farm with much for winter cover in the neighborhood. In the last couple of years, even the dairy farms have covered their corn fields with winter rye. It looks great. I assume it's the pressure from the new RAP regulations. Last week, I had an errand to do out in the Champlain Valley of Addison County, where it's all heavy clay, and I was rather surprised. There wasn't a single sprout of winter rye on all the corn fields out there. It appears that no effort is being made. In addition, the question still lingers unanswered: What are the dairy farms going to do with all their manure, given the new RAP regulations?

(Craftsbury) We're prepping land for next spring; can't afford to waste the tremendous fall weather. Would love to see research on how much N is leached away from late fall applications of raw and composted poultry manure. As our falls get longer and longer we have more time to

spread fertility and prepare beds for the spring, it's fun to do field work without the stress of time pressure and for just 8 hours a day instead of 14. We even joked about planting potatoes in the fall, most years we get snow before the ground freezes deeply enough to freeze potatoes and uncut spuds would winter in the ground just fine.

(E. Dummerston) Thanks to the University of Massachusetts November VegNotes newsletter, to which all growers should be subscribing (<https://ag.umass.edu/vegetable/vegetable-notes/subscribe>) I've finally learned the name of the critter that's been turning some of our greens into Swiss cheese. It's a relatively new pest called the winter cutworm which can be active at very cold temperatures. You can usually find them in the soil at the base of a chewed plant during the day. The other night at about 10 p.m. I walked through one of our greens houses and found ten cutworms in the aisles close to Swiss chard



plants. Weekly distributions of lady bugs have been keeping us aphid-free in the greens tunnels so far. Now the problem is keeping the greens cool enough during these warm days which beats worrying about freezing.

(Westminster West) Almost over, still picking for orders and packing and delivering, but with Thanksgiving next week, we will be mostly done. Friday we finished up carrot harvest, including a nice load of Rainbow carrots. Washed, bagged and in the cooler now. Most fields in cover crops, thick and green now. Need to get row cover

on the garlic field this week after we lay down the textile cloth ground cover between the beds. First time trying this after giving it a try on summer crops, we really like it. Leeks and kale about the only crops left in the fields, they should be done this week as well. Storage onions pretty much gone except for the few smart stores that pre ordered their Thanksgiving needs with us. Amazing how quickly almost 30,000 lbs of onions went through here in the last six weeks, but I'm almost happy to see it all gone! Winter squash moving nicely, hopefully the holidays will clean those up as well. Maintenance phase beginning as well, the weather takes its toll on the greenhouses, important to keep up with the repairs. Farmers' market all done, did one pop-up market and that was fun and worth it!

(Dummerston) I'm really enjoying the mild weather and still harvesting a great crop of carrots and parsnips for storage. Lots of greens, scallions, leeks, radishes and brussels hanging on in the field; high tunnel doing pretty well but I'm constantly trying to get rid of cutworms. I'm looking forward to starting up my

continued on page 13



MARKET REPORT

Wholesale Prices

October 2016

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

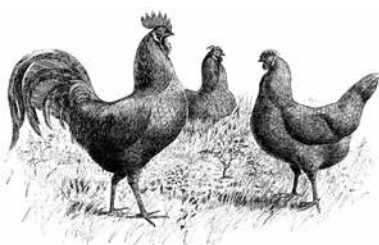
Vermont Egg Prices:

Jumbo	\$1.57
X-Large	\$1.09
Large	\$0.99
Medium	\$0.61

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 October 2016

	Cattle	Calves
This Week:	203	235
Last Week:	163	219

Compared to last sale, slaughter cows sold steady with good demand. Slaughter cattle supply included 201 cows and two bulls. All prices quoted per cwt.

SLAUGHTER COWS:

	% Lean	Avg. Dressing	High Dressing	Low Dressing	Very Low
Premium White	65-75	—	75.00-81.00	—	—
Breakers	75-80	63.00-66.50	67.50-69.00	56.00-62.50	—
Boners	80-85	60.50-65.50	67.50-74.00	54.50-58.50	—
Lean	85-90	60.00-62.50	63.00-68.00	53.00-60.00	42.50-52.50

SLAUGHTER BULLS: 1165-1685lbs 78.00-90.00

CALVES: When compared to last sale holstein bull calves sold steady with moderate demand. All prices per cwt.

HOLSTEIN BULL CALVES:

Number 1: 100-120lbs: 85.00-92.50; 90-100 lbs 80.00-100.00; 80-90 lb not tested; 70-80lbs not tested.

Number 2: 100-120lbs: 70.00-85.00; 90-100 lbs 50.00-85.00; 80-90 lbs not tested; 70-80lbs not tested.

Number 3: 100-120lbs: 50.00-60.00; 90-100lbs 45.00-51.00; 80-90lbs 45.00-55.00; 70-80lbs not tested.

Utility: 100-120lbs 49.00-52.00; 90-100lbs 42.00-51.00; 80-90lbs 35.00-46.00; 70-80 lbs 30.00-38.00.

HOLSTEIN HEIFER CALVES: 72-95lbs 40.00-80.00

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:

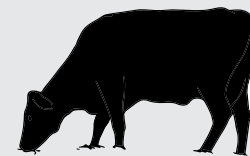
VT Agency of Ag-USDA
New Holland-Lancaster County, PA

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

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 Agr-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.

Agriview Subscribers can Now Submit Classifieds Online

Agriview subscribers now have the ability to submit their classified ads online.

Subscribers can log on to http://agriculture.vermont.gov/news_media/agriview and submit their ad using the online form.

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.

Cattle

14 month old Herford Bull
\$700. 802-897-5913 (11/16)

3 yr old dark red registered Beef Shorthorn bull. Proven sire with 100 calves on the ground. Add hybrid vigor to your beef production. Purebred shorthorn bull & heifer weaned calves for sale. Registered bull calves & feeder steers for sale. 802-454-7384 (11/16)

Two year old Highlander Heifer. Gorgeous blond, raised in a pet environment. To a good

home \$800. 802-446-2118 or email skhalford@vermontel.net (11/16)

Pure bred Angus spring calves
802-223-6552 (11/16)

4 P.B. Black Angus Heifers, 6 mo's. Old, well grown. \$950.00 each, or \$3,500.00 / For Lot. (603) 938-5911.

Schroeder Farm, S. Newbury, NH - 603-938-5911. (11/16)

Registered Jersey Bull, Breeding Age \$600. Brookfield Call 802-276-3385 (12/16)

Irish Dexter Cattle-Registered

Foundation breeding stock for sale because of retirement. Yearling heifers, cows and 2 steers. 100% grass fed, grass finished. Excellent blood lines. Colors Black, Red and Dun. Call Spotted Dog Family Farm @802-247-6076 or email at cswhtng@aol.com (12/16)

2016 Beef heifers Pantone 802-349-0286 (12/16)

Deer/Cervid

Registered Purebred Nubian Buck. Sweet, w horns, tan w black ridge. From small

CLASSIFIEDS

organic, never-sick herd. For stud service to clean does. \$50. For extra fee can rent buck or board your doe. Penelope, East Charleston. (802) 723-4014. poneggfarm@hotmail.com. (12/16)

Alpine X Nubian doelings from small organic never-sick herd of great milkers. 2 fawn / white, one black/white, with horns, bred to registered Nubian buck. For sale to family - not commercial. \$150 each. Penelope (802) 723-4014. East Charleston. poneggfarm@hotmail.com (12/16)

Employment

Looking for someone to work part time on established Highland cattle in Greensboro Bend in exchange for rent on farm house. Experience with cattle preferred. 802-454-7384 (11/16)

To work for and learn from a successful grass fed beef farmer - size of operation less important than success history. 802-363-7250 (11/16)

Equipment

2013 John Deere 5075 M 4WD with H260 loader 2200 ours. Excellent condition. \$38000. 802-472-5022 (11/16)

1 Massey-Ferguson 5 bottom plow, fair to good condition, \$1000 OBO. 2 stainless steel 430 hydrostatic Weaver line feed carts, no batteries, \$800ea OBO. 16ft steel gooseneck stock trailer \$1000 OBO 802-375-5795 (11/17)

International 815 Diesel Combine, 843 4 row narrow Cornhead, 820-13 Grain head. 3250 Reel Auggie Mixer on gas 1995 Ford 450 2wd. New Holland 166 hay merger with turchute. International 881 harvest with grass and corn head. Call for prices. 802-770-0959 (11/16)

75 gal. Gas water heater never used. 50 cow 2" stainless steel pipeline complete with vacuum pump. 600 gal. mueller bulk tank. 32 Agway water bowls. Call for prices. 802-770-0959 (11/16)

Zimmerman milk cart Westfalia 7Hp. vacuum pump with

variable speed motor. 300 feet of 2 inch Stainless steel milk line. Bou-matic Receiver jar (glass) 2 inch with milk pump and bender washing system, 30 gallon sink. Dari-Kool Deco Matic 3 Bulk tank washer Call 802-563-2715 (11/16)

8 foot by 200 foot Ag Bag, early first cut haylage. 334 feet Bodco barn cleaner chain, counter clock wise, 18 inch paddle, good condition. 32 Tie stall dividers, good condition. Call 802-563-2715 (11/16)

Mx110 w/L300 case in loader, 4950 hrs 18.4R42rear like new rubber 380/85/R30front nice rubber Tractor is clean and is a one owner tractor...3 sets hyd remotes F/N/R on column 1234 thumb and manual shift with transport light package. 802-895-4159(11/16)

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, like new, \$2,150, 802-895-4551 (11/16)

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 (12/16)

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, \$2,150, 802-895-4551 (12/16)

Dion forage wagon with roof, in good condition with rebuilt auger and good running gear. Reason for sale - retired from dairying. \$2000. Call 802-848-3885 or email fleury-maple@hughes.net. Fleury's Maple Hill Farm, Richford, VT. (12/16)

Tire chains, fit 16x30 tires. Brookfield Call 802-276-3385 (12/16)

Khun gmd 500 disc mower good condition: \$5300. Fairlee, VT 802-333-9936 (12/16)

1949 Ford Tractor \$700. 603-256-3202 (12/16)

Knight Model 3300 reel auger, scales, works great \$3950. 3 Gehl running gears, good tires and rims \$750 each. 2 150 gal. Plastic water tanks \$100 each. 1 12,500 gal plus 1 17,000 gal steel tanks, never been in ground \$.30 per gal. Howard rotovator, 5 ft, 3pt, heavy duty \$3500. 3 Hay racks with loft, plastic trough, new condition \$500 each. Econoline 26 ft flatbed trailer, 3 axles, G/N ramps, extra tires, great for hay \$2950. Farmall C, w/f with mower, good tires \$2950. 802-483-2870 (12/16)

Farm & Farmland

Certified Organic Farm located in Newport Ctr, Vt for lease 75ac grazing pastures. Organic haylage to purchase. Barn ties up 80 cattle. Pipeline system, Liquid manure pit. Great opportunity for new farmer or boarding options for yearlings or heifers. 802-744-2444/802-274-4934 (11/16)

Three farm parcels for sale in Morgan totaling 571 acres: 471 acres, 49 acres and 50 acres. Farm infrastructure. Owner will consider a lease to purchase arrangement. Land protected by conservation easement. Call 802 533 7705 or www.vlt.org/lakeseymourfarm (12/16)

Farm for Sale in Monkton - 108 acres - 94 acres cropland, house, greenhouse, barns. Lease to purchase arrangement. Protected by conservation easement with OPAV. Vermont Land trust seeks buyers who will farm commercially. \$415,000. Call (802) 533-7705 or www.vlt.org/norrisfarm (12/16)

General

Meat Band Saw \$750 802-365-4000 evenings (11/17)

Australian Cattle Dog Puppies - (Blue or Red Healers) Born September 11th. Ready to go November 6th. Three Males are blue merle, female is red merle. Deposit will hold your choice. Raised on the farm. Call Tim 802-393-9999 or 802-827-3913. (12/16)



For Sale Border Collie puppies. We have 3 black and white males that are 8 weeks old. They have had their first shots, wormed and vet checked. We have both parents at our farm. \$500.00 each Please contact 802-342-0612 or email tbruce@rrmc.org (12/16)

Hay, Feed & Forage

First and second cut hay; large square bales, excellent quality. Shelburne, VT Call Andy 802-598-6060 or Claude 802-576-7352 (11/16)

8 foot by 200 foot Ag Bag, early first cut haylage. Call 802-563-2715 (11/16)

Good quality hay for sale round wrapped 1st and 2nd cut. 802.446.2435. (11/16)

1st cut, 3rd cut and corn silage layered in the bunk. For sale at \$50/ton. Call 802-533-2984 after 4 PM. (11/16)

For sale- certified organic first and second cut, round and square bales. 802-433-5837 (12/16)

Large square bales for sale. First cutting dry. first alfalfa wrapped, second cut alfalfa wrapped, barley straw and dry mulch bales. Delivery available. Bales 3'x3'x7.5' Call for prices 802-236-7741 (12/16)

ADDISON COUNTY

Organic hay for sale in Monkton. 1st cut small square bales, \$4.75; 2nd cut, \$5.75. Call 453-2847. (12/16)

Hay For Sale Addison VT. Large square bales, 1st and 2nd cut. Under cover in Addison. Contact S.L. Moore @ 802-463-3875 or Alden @ 802-989-0479. (12/16)

CHITTENDEN COUNTY

First and second cut hay; large square bales, excellent quality. Shelburne, VT Call Andy 802-598-6060 or Claude 802-576-7352 (11/16)

FRANKLIN COUNTY

Good quality 1st & 2nd cut hay and organic. Straw & hay large or small square bales, Whole or process. Buy bales at farm. Will load or direct deliver by trailer load. Mountain View Dairy, 802-849-6266 (11/17)

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 \$50 each OBRO for (2) 1 yr. old wethers. Both are very friendly and healthy, they do have horns. Would work well for mowing brush or to have as pets Contact Lisa at lisawg@aol.com or (802) 558-2770 (12/16)

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 (12/16)

Travis sled seats 14 average size adults, been under cover good to excellent shape. Have a new runner and a plante to make another. \$800 firm. Wool blankets and some army, some navy \$3-\$8 each 802-295-2910 (12/16)

Horse Equipment

Anvil Farriers (Centura) – some horse shoes \$350.. Metal Corner Horse Feeders \$50. 802-365-4000 evenings (11/16)

Aluminum rd walk through gate \$8. Metal flat steel gates some with hinges and posts 2-16", 4-14", 1-10" \$15 - \$25. 3 15 gallon water tubs rubber \$5 ea. Pair of D ring harnesses & bridles used twice draft horse size \$800. Used fiber glass post and wire rolled up 4' & 5' \$50 & \$1.00. 802-295-2910 (11/17)

Sheep

1 small flock tame sheep. Border Leicester, Suffolk & Southdown crosses, Bennington. 802-375-5795 (11/16)

Halter trained, registered Border Leicesters for sale. Rams and ewes need homes where they can be appreciated for their excellent genetics, beautiful wool, friendly dispositions and breed characteristics. They are handled frequently and are grain trained. Great for breeding, pets or show. Wool has many excellent uses. \$250 each. 802-233-2640 or

katherineknox11@gmail.com (11/16)

Halter trained, registered white and natural color ROMNEY'S, for sale. Rams and ewes need homes where they can be appreciated for their excellent genetics, beautiful wool, friendly dispositions and breed characteristics. They are frequently handled and are grain trained. Great for breeding, pets or show. Wool has many excellent uses. \$250 each. 802-233-2640 or katherineknox11@gmail.com (11/16)

Merino sheep - flock of 26 includes 4 rams all with excellent wool \$3,725.00 for all - will not separate Call 802-537-3167 (11/16)

Sugaring Equipment

Sugaring Equipment - Complete 18" galvanized smokestack for 6' wide evaporator. Includes base, five 3' sections, one 6" section, slightly off-center peak roof jack, and stack cover. Used 3 years, in good condition. \$500. Fleury's Maple Hill Farm, Richford, 802-848-3885, fleurymaple@hughes.net. (11/16)

Swine

For Sale 8 week old Piglets, shoats born this summer and butcher hogs. All are corn and grain fed. Call for more details, 802-342-0612 or email tbruce@rrmc.org (12/16)

Wanted

1 or 2 ford steel rims (wheels) 8 lug flat no wedges for 18.4"-30" tires 802-363-7250 (11/16)

12"-28" 6 loop Rim to fit Ferguson 40, pedestal sink, both in good condition. Leave message – 802.767.6077 (11/16)

20 to 30 HP tractor with equipment, 4x4, good working condition fair price. 802-483-2870 (12/16)

John Deere 261 grooming mower in at least fair condition. Please call Steve at 802-483-9446 (12/16)

Vegetable & Berry News

continued from page 10

winter CSA and bringing lots of exciting crops to the winter market.

(Ange-Gardien, Quebec) Mild and cloudy end of fall here. Oat and peas still growing a bit in the field trying to get this extra biomass for green manure. Tried 30 acres of winter rye for grain this year. Looks good although some quackgrass did come back. Greenhouse crops look good except green Oakleaf salanova which pretty much rotted. I guess its creeping growing habit plus humidity is the reason. Customer will have a mesclun without these leaves. Next year I will try white plastic mulch plus raise the lettuce to get some air between older leaves and the plastic. I am pretty surprised about the plant. For the ones that did not rot, I will be at my third cut. Harvesting windows for the leafy stuff gets narrower if I do not want to harvest the leaves too humid. Still have lots of kale but price does not seem to come up yet.

(Plainfield NH) Trying hard to refrain from thinking about mulching strawberries. In my dream world I sit down to Thanksgiving dinner with the strawberries mulched, but they are just now starting to show signs of dormancy. I have mulched in the snow and find it treacherous to work around the mulcher. I worry about the guys loading it with snow covered surfaces; the mulcher is a nasty machine to work around. Experiencing some new weeds in our strawberries: horsenettle, stinging nettles a broadleaf with nasty rhizomes, along with the usual clover and dandelions. Horsenettle has been working its way up the Connecticut River valley just behind the advance of knotweed; it is nastier to control and doesn't lend itself to hoeing or pulling. The PYO folks are not pleased when it finds them. Trying to get the blueberries mulched with hardwood chips. Turkeys in one field have scratched everything away from the base of the plants, exposing the shallow root systems. At first I thought it was

coydogs trying to dig up voles. Currently I am just monitoring and hoping this activity will run its course. Otherwise, we are packing out wholesale three times a week, and will wrap up our fall CSA the week before Thanksgiving. Trying to get machinery serviced and stowed away. Readying the ornamentals house full of stock plants in hopes of starting taking vegetative cuttings by Thanksgiving. Have been introducing beneficials early into that house in an effort to achieve a better predator/pest balance.

(Little Compton RI) September rains pulled us out of our death spiral from the drought of 2016. But not a drop for the last three weeks so we were irrigating to finish broccoli, cauliflower and storage cabbage. That is a first! Aphids showing up on schedule (in high tunnels) and we have boxes of lady beetles going to work straight away. Grey aphids in outdoor Brassicas as bad as ever. May be giving up on Brussels sprouts. Late-planted curly kale is clean. Seems the only way to defeat this problem is to keep planting and moving out of fields where they rule the day. No organic spray touches them! Very late-planted Watermelon radish putting on tremendous growth since September 20th. Usually, we plant that mid-August. Indoor winter markets slightly down so far. Our primary fertility in high tunnels this season is alfalfa meal. Takes a good amount of moisture to get it to give up its nutrients but is a beautiful thing when it finally kicks in.

Upcoming Events

For details go to:

<http://www.uvm.edu/vtvegandberry/?Page=meetlist.html>

Dec. 6,7,8 and Jan. 24,25,26 in ME, NH and VT. Farm Succession Schools.

Dec. 14. High Tunnel Production conference, Manchester NH

Jan. 12-14, Winter Greens short course, Bread and Butter Farm, Shelburne, VT.

Jan. 23. VVBGA Annual Meeting, Fairlee VT. Stay tuned.

Jan. 24. VVBGA Cover Crop conference, Fairlee, VT. Stay tuned.

Feb. 18-20. NOFA-VT Winter Conference, Burlington VT. Stay tuned

March 6. Strawberry Grower School. Fairlee VT. Stay tuned.



Vegetable & Berry News

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Cover Crop Survey Will Guide Our Research

Please take this five-minute survey to help Extension folks in the region better understand your

cover cropping practices and information needs. We are planning research and we want it to be most useful. Any information shared is confidential. <https://www.surveymonkey.com/r/covercrop>

Downy Mildew On Spinach Now Developing In The Northeast

by Margaret Tuttle McGrath,
Cornell University Long
Island Horticultural Research
and Extension Center

Downy mildew has

been found recently in spinach at several farms in the northeastern U.S. This devastating disease has not been confirmed in the region for several years, thankfully, as it has been a major production constraint in California. Pathogens causing downy

mildew are Oomycetes and thus are related to the late blight pathogen. They are similar in ability to produce an abundance of wind-dispersed spores capable of moving long distances, they do not need leaves to be wet to infect (high humidity is

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Vermont Weekly Farmers Market Report

For week ending October 30, 2016

Commodity	Produce			Meats/Proteins		
	Not Certified Organic			Certified Organic		
	Low	High	Average	Low	High	Average
Apples (per peck)	\$14.00	\$16.00	\$15.00	\$-	\$-	\$-
Arugula (per pound)	\$-	\$-	\$-	\$7.00	\$14.00	\$10.33
Asparagus (per bunch)	\$-	\$-	\$-	\$-	\$-	\$-
Basil (per bunch)	\$-	\$-	\$-	\$2.50	\$2.50	\$2.50
Beets (per bunch)	\$-	\$-	\$-	\$2.00	\$3.25	\$2.81
Blueberries (per pint)	\$-	\$-	\$-	\$-	\$-	\$-
Broccoli (per pound)	\$2.50	\$2.50	\$2.50	\$3.00	\$3.50	\$3.25
Brussels Sprouts (per stem)	\$-	\$-	\$-	\$8.00	\$8.00	\$8.00
Cabbage (per head)	\$-	\$-	\$-	\$1.50	\$1.75	\$1.58
Carrots (per bunch)	\$-	\$-	\$-	\$1.75	\$3.50	\$2.81
Cauliflower (per head)	\$-	\$-	\$-	\$-	\$-	\$-
Chard (per bunch)	\$2.50	\$2.50	\$2.50	\$1.75	\$3.00	\$2.42
Corn (each)	\$-	\$-	\$-	\$-	\$-	\$-
Cucumbers (each)	\$-	\$-	\$-	\$-	\$-	\$-
Dill (per bunch)	\$-	\$-	\$-	\$-	\$-	\$-
Eggplant (per pound)	\$-	\$-	\$-	\$4.00	\$4.00	\$4.00
Garlic (each)	\$-	\$-	\$-	\$0.75	\$1.50	\$1.13
Green Beans (per pound)	\$-	\$-	\$-	\$-	\$-	\$-
Kale (per bunch)	\$2.50	\$2.50	\$2.50	\$1.50	\$3.00	\$2.44
Kohlrabi (each)	\$-	\$-	\$-	\$3.00	\$3.00	\$3.00
Lettuce (per head)	\$-	\$-	\$-	\$2.25	\$2.50	\$2.33
Melons (each)	\$-	\$-	\$-	\$-	\$-	\$-
Microgreens (per pound)	\$-	\$-	\$-	\$8.00	\$10.00	\$9.38
Onions (per pound)	\$1.50	\$1.50	\$1.50	\$1.80	\$3.00	\$2.33
Parsley (per bunch)	\$-	\$-	\$-	\$2.50	\$2.50	\$2.50
Peppers (each)	\$-	\$-	\$-	\$0.75	\$0.75	\$0.75
Potatoes (per pound)	\$-	\$-	\$-	\$1.25	\$2.00	\$1.55
Pumpkins (per pound)	\$-	\$-	\$-	\$1.40	\$2.75	\$2.22
Radishes (per bunch)	\$-	\$-	\$-	\$2.50	\$2.50	\$2.50
Raspberries (per half pint)	\$-	\$-	\$-	\$-	\$-	\$-
Rhubarb (per pound)	\$-	\$-	\$-	\$-	\$-	\$-
Scallions (per bunch)	\$-	\$-	\$-	\$-	\$-	\$-
Spinach (per pound)	\$-	\$-	\$-	\$4.00	\$8.00	\$5.67
Strawberries (per quart)	\$-	\$-	\$-	\$-	\$-	\$-
Summer Squash (per pound)	\$-	\$-	\$-	\$-	\$-	\$-
Tomatoes (per pound)	\$-	\$-	\$-	\$-	\$-	\$-
Winter Squash (per pound)	\$-	\$-	\$-	\$1.20	\$2.00	\$1.52
Zucchini (per pound)	\$-	\$-	\$-	\$-	\$-	\$-



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

	Meats/Proteins		
	Low	High	Average
Lamb Chops (per lb.)	\$17.50	\$18.00	\$17.75
Rack of Lamb (per lb.)	\$18.00	\$18.00	\$18.00
Leg of Lamb (per lb.)	\$12.00	\$15.00	\$13.50
Ground Lamb (per lb.)	\$10.00	\$11.00	\$10.50
Ground Beef (per lb.)	\$6.25	\$7.50	\$6.94
Ribeye (per lb.)	\$14.00	\$19.00	\$16.60
Sirloin (per lb.)	\$8.00	\$12.00	\$10.50
Round Roast/Steak (per lb.)	\$8.00	\$10.00	\$8.67
Chuck Roast (per lb.)	\$8.00	\$10.00	\$9.00
Strip Steak (per lb.)	\$14.00	\$22.00	\$16.60
Skirt Steak (per lb.)	\$9.00	\$12.00	\$10.40
Tenderloin (per lb.)	\$2.00	\$23.00	\$18.17
Eggs (per dozen)	\$4.00	\$5.50	\$4.38
Whole Chickens (per lb.)	\$3.60	\$5.50	\$4.82
Ground Pork (per lb.)	\$6.25	\$7.50	\$6.92
Pork Chops (per lb.)	\$6.00	\$12.00	\$8.75
Pork Loin (per lb.)	\$7.00	\$12.00	\$9.50
Pork Tenderloin (per lb.)	\$10.00	\$18.00	\$13.00
Shoulder Roast (per lb.)	\$7.00	\$10.00	\$8.00
Hams (per lb.)	\$9.00	\$9.00	\$9.00
Baby Back Ribs (per lb.)	\$6.00	\$13.00	\$9.67

Market Comments

SEASONALITY:

N/A

WEATHER CONDITIONS:

Nice fall weather this weekend

ATTENDANCE:

Fair traffic and still good vendor turnout

VENDOR COMMENTS:

N/A

Farm Bureau Honors

continued from page 9

Trustee, Justice of the Peace, Town & School Moderator, and Town Representative, Agri-Mark Member & Chair, and Yankee farm Credit and chair. He has also served as a Director of the Tunbridge Worlds Fair for 18 years. He's been a Windsor County Farm Bureau Member for over 30 years and serves on the Executive board for Vermont Farm Bureau.

Peggy serves as a Royalton select board member, on the White River Soil Conservation Board, Farm Bureau Foundation Board and State delegate.

Although not present, **Kerry Gawalt** of Cedar Mountain Farm is the recipient of the "Farm



Stephen and Kerry Gawalt

Woman of the Year" award. She has operated her dairy & Vegetable farm with her husband Stephen since she was 24 years old. For the past three years she's been an active 4-H leader. She serves as vice president of Windsor County Farm Bureau. To bring produce to the local food shelf she



Stuart Farnham and members of the he Frazer Agency

fund-raises. She uses her community supported Agriculture program to teach and reconnect consumers with their food. She is also an EMT for the town of Hartland. She operates the farm with her husband Stephen Leslie and nine-year-old daughter Mauve Rose. Kerry believes that

women can wear many hats on the farm, in family life and the community.

Tisbert wrote, "As a very active advocate for agriculture and educating the public about farming, Kerry is truly deserving of the Outstanding Farm Woman of the year award." (Spring 2015)

Stuart Farnham of The Frazer Agency in Windsor received both the **Nationwide Top Farm Premium and Most Farm Bureau Memberships Enrolled Award**. **Roy Folsom** of the Jaimes L Fewer Insurance Agency was recognized as close runner up. Vice president of Vermont Farm Bureau **Tim Buskey** accepted the **Packard Award** for Addison County for the Best Annual County Meeting. **Bonnie Sogoloff** received the **Cornwall Award** for Chittenden County for best overall Program.

We are proud of our Farm Bureau members and pleased to recognize their exemplary service to the agricultural community. Visit our website at www.vtfb.org.

Vegetable & Berry News

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sufficient), and they have the ability to devastate crops.

All growers with spinach should inspect their plants for symptoms promptly. If downy mildew is suspected, please contact your local extension specialist and e-mail Meg McGrath at mtm3@cornell.edu.

****It will be CRITICAL** that all high tunnel and overwintering spinach crops with downy mildew be destroyed a couple weeks before the start of the spring spinach production season in the region, to avoid carry over into 2017.** Promptly destroy infected, abandoned crops to eliminate this source of inoculum for other plantings in the region. The pathogen can survive a few years in soil when both mating types are present together enabling production of oospores.

Symptoms: purplish-gray, fuzzy growth of the pathogen, which is usually on the underside of leaves, is diagnostic. Early morning is the best time to see as the growth (which is spores and the structures holding them) is produced overnight, then during the day the spores are dispersed. On the top side of leaves, opposite where the growth develops, the leaf tissue will be yellow, initially dull becoming brighter and larger with time. Subsequently affected tissue will become dry and tan. If only leaf yellowing is seen, which could occur when humidity is low, put suspect leaves upside down on wet paper towel in a closed ziplock bag for a day. Keep the bag in the dark, such as inside a box, to further promote the pathogen if present to develop.

Here is a site with images of downy mildew on spinach, click on them

to enlarge. http://mtvernon.wsu.edu/path_team/spinach.htm#downymildew. (You can scroll around this page for images of other spinach diseases.)

Pathogen Sources. It is possible contaminated seed or infected spinach produce from outside the region was the source of the current outbreak. The pathogen, *Peronospora farinosa* f. sp.

spinaciae, is only known to infect spinach. It is possible some Chenopodium weed species are susceptible to some races.

Favorable Conditions. Cool with high humidity. Optimal temperature range for this pathogen is 59–70 degrees F. Minimizing irrigation in high tunnels and keeping them well ventilated is important to reduce

humidity levels.

Reference to commercial products, trade or brand names is for information only; no endorsement is intended. The specific directions on fungicide labels must be adhered to; they supersede these recommendations if there is a conflict. Check state registrations and labels for use restrictions.



Come Join Us at the

2017 Vermont Farm Show

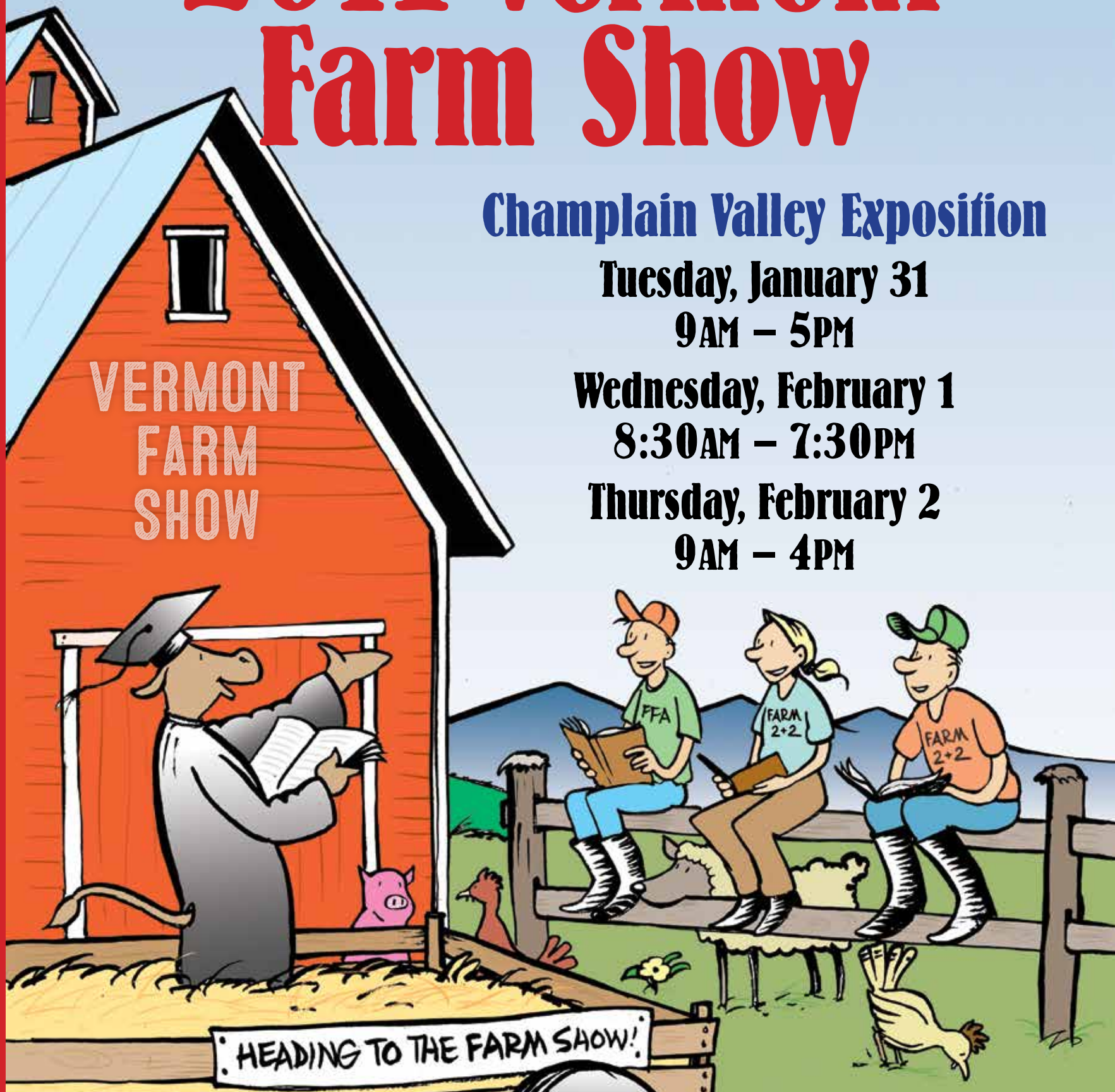
Champlain Valley Exposition

Tuesday, January 31
9AM – 5PM

Wednesday, February 1
8:30AM – 7:30PM

Thursday, February 2
9AM – 4PM

VERMONT
FARM
SHOW



Free Admission! • Free Parking!