

# AGRiVIEW



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## Study Suggests Commonly Purchased Foods Can Be Affordably Priced at Vermont Farmers' Markets

By Cecilia McCrary and Abbey Willard, VAAFM

One of the greatest barriers preventing consumers from purchasing local food at farmers' markets is the perception that farmers' markets are too expensive. Many consumers report that they avoid purchasing local food at direct marketing outlets, such as farmers' markets, for fear of high costs. Last year, the Vermont Agency of Agriculture, Food & Markets (VAAFM) conducted a pilot research project to address these consumer concerns and determine whether or not local products sold at farmers' markets are indeed more expensive. The study concluded that farmers' markets are a good option for consumers whose purchasing

Hannah Reid



decisions are driven by price as well as local and/or organic attributes. In August 2015, VAAFM gathered pricing information on over fifty local products found at thirteen farmers' markets across the state and

compared those prices to the price of similar products sold at five different retail establishments in Central Vermont, including grocery stores and gas stations. The products reviewed in this study included a wide cross-

section of commonly purchased foods, including organic and non-organic produce, meats and proteins, and local products.

The results of the pilot study determine that commonly purchased foods can be affordably priced at farmers' markets. A few key findings from "A Comparison Study of Product Pricing at Vermont Farmers' Markets and Retail Establishments" include:

- 92% of certified organic produce available at farmers' markets is competitively priced (within a 10% price range) with the same items found at retail stores.
- Local meats and proteins available at farmers' markets are also competitively priced with retail establishments more than 57% of

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## AGRiVIEW

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

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## THE VIEW FROM 116 STATE STREET

I am very excited about the Comparison Study of Product Pricing at Vermont Farmers' Markets and Retail Establishments highlighted on the front page of this month's edition of Agriview. To my knowledge, this is one of the first studies of its kind conducted in the United States, and the results, though preliminary, call into question long-held beliefs about the affordability of farmers' markets, (or lack thereof), and may go a long way towards breaking down barriers between consumers and local producers.

As the outdoor Farmers' Market season approaches, I encourage all our readers to follow the link to the Agency of Ag website to find out more about this study. The findings may surprise you! It is my hope that, as we expand product price comparison research throughout Vermont in the coming year, we are able to provide Vermont consumers with accurate, reliable information that will result in more healthy, local foods on Vermont dinner tables, and more dollars invested in our local agricultural economy.

Sincerely,



Chuck Ross



### Price Comparison Study

*continued from page 1*

the time.

- When comparing local products, farmers' market prices are competitive a majority of the time, and, in some cases, local products available at farmers' markets are actually less expensive than the same local products available at retail establishments.
- Local, certified-organic products

available at farmers' markets are almost always (89% of the time) competitively priced with the same products available at retail establishments.

The purpose of this study is to guide consumers in making informed food choices based on accurate pricing data and awareness of local

and organic options.

Over the next two years, VAAFM, in partnership with NOFA-VT, will work to expand on the existing body of research to complete a comprehensive state-wide product price comparison study.

For access to the price comparison resource "A Comparison Study of

Product Pricing at Vermont Farmers' Markets and Retail Establishments", and future related resources, visit the Vermont Agency of Agriculture webpage <http://agriculture.vermont.gov/localfooddatatracking> or inquire about copies available at the Agency of Agriculture, Food & Markets.

Happy shopping!

### Editor's Note

As the Secretary noted above, the farmers' market season is indeed upon us, as well as the high season for community supported agriculture (CSAs) and local farm stands. Many outdoor farmers' markets will be up and running as early as May 7th (just in time for Mothers' Day). We are incredibly lucky to live in a place that offers so many ways to access local foods and connect with local farmers and producers. In fact, Vermont is home to more farmers' markets than any other state in the country per capita, demonstrating, once again, our collective commitment to good food grown locally.

Visit NOFA-VT (<http://nofavt.org>) or DigInVT ([www.diginvt.com](http://www.diginvt.com)) to find out details and locations for farmers' markets throughout Vermont.

Happy spring!

— Hannah Reid  
(Interim Editor)



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# Vermont Cheeses Shine at the World Championship Cheese Contest

*Vermont Cheese Council Members Win Multiple Awards in Madison, WI*

By Tom Bivins, Vermont Cheese Council

Jasper Hill Farm cheeses captivated judges at the 2016 World Championship Cheese Contest in Madison, WI. Along with Jasper Hill Farm, three other Vermont Cheese Council members, Vermont Creamery, Cabot Creamery Cooperative, and Boston Post Dairy, also captured top awards in their categories. Jasper Hill Farm, located in Greensboro, won two “Best in Class” awards for “Winnimere,” a washed rind, seasonal cheese and “Moses Sleeper,” a brie style, bloomy rind cheese. In addition, its “Harbison” won a second place award and its much loved “Bayley Hazen Blue” won a third place award. “Winnimere” was one of four outstanding American

cheeses that made the cut for consideration for Best in Show, but lost to the “Grand Cru Surchoix,” an Emmi-Roth USA cheese made in Wisconsin. This is the first American cheese to win the top prize in 30 years.

Cabot Creamery Cooperative, located in Cabot, also won two “Best in Class” awards, for their “Cabot Sharp” (6 months-1 year.) and Cabot Greek Yogurt. In addition, Cabot received a third place award for its “Vermont Farmhouse Reserve,” part of its new Farmers Legacy Collection. Vermont Creamery, located in Websterville, was named “Best in Class” for its “Fresh Crottin”, a fresh goat cheese. Boston Post Dairy, located in Enosburg Falls, won a third place award for its gouda-style goat cheese “Tres Bonne.”

The World Championship Cheese Contest is held annually in Madison, Wisconsin and boasts a record-breaking 2,955 cheeses submitted from around the world. There were 110 judging categories, with only 11 percent of all the cheeses taking prizes in their classes. The World Championship Cheese Contest is the world’s largest technical competition for

cheese, butter and yogurt.

The Vermont Cheese Council is a non-profit trade association with 50 members. Its mission is to promote and advance quality cheesemaking in Vermont. The Vermont Cheese Council prints The Vermont Cheese Trail Map and will host the 8th Annual Vermont Cheesemakers Festival on July 17, 2016. The Festival

was recently named “Top Five Food Festivals to Plan Your Vacation Around” and Fodor’s Travel “Top Ten Summer Food Festivals in the United States.”

For additional information, please email Tom Bivins, Executive Director for the Vermont Cheese Council at [tom@vtcheese.com](mailto:tom@vtcheese.com) or call 802-451-8654.



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## Save Your Back – Lift Safely

George Cook, UVM Extension

Everyone reading this has likely experienced back pain at some point in their life, especially the very common lower back pain. A large percentage of worker's compensation claims stem from back issues. Chronic pain, difficulty moving, standing, bending, walking, reaching, all common symptoms. Just this spring, the constant bending, squatting, lifting, picking up arms full of firewood during sugaring season has initiated chronic low back pain. Hmm...sure some of it may be getting older, but we've all been there, no matter our age. Improper lifting techniques either now, or in the past may very well have caused injury to your back or increased your chances today for these issues. With warmer weather upon us, the list of chores in front of us will surely add to the likelihood of back pain.

So what should be done to prevent this sort of chronic irritation? Several key things come from various sources. Here are some pointers:

When possible, prior to beginning your work or exercise, loosen up a bit; warm up your back, legs

and arms before your work detail. Athletes do this all the time, there's a reason; when is the last time you did? Stretch those muscles that you will be using, limber up. Remember those exercises we used to do before gym class? Again, there was a practical reason for doing those.

Plan ahead. Do you have the needed help to get the job done? You don't have to do everything yourself. Lifting stuff? Can you handle that amount of weight, or should you get someone to assist? Locate items to be moved so that you minimize the travel necessary. Check your pathway, is it clear, or will 5 minutes of cleaning and prepping save you effort.

When appropriate, use assistive technology to ease the burden on you and your back. Consider equipment such as forklifts, dollies, hand-carts, or a hoist of some sort. I absolutely love hydraulics; my tractor loader bucket has been a life saver, and likely a back saver. Just make sure you're trained and comfortable using such equipment before attempting. Always wear appropriate personal protective equipment (PPE), including safety

toed shoes or boots.

Again, get help when needed. If it is too heavy to lift safely alone, get someone to assist you. Is it awkward, bulky, heavy...wait, sounds like a two person job!

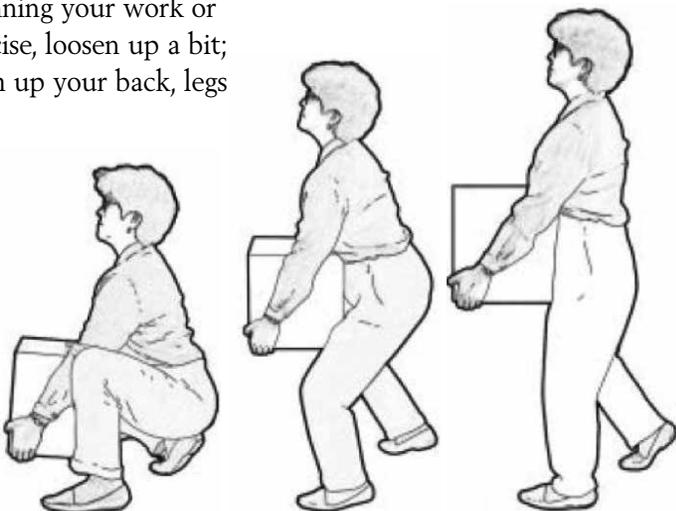
Use proper lifting techniques.

1. Get as close to the object you need to lift as possible.
2. Get a good broad stance, with feet place squarely under you. Avoid twisting.
3. Bending your knees, squat down, keeping your back straight, grasp the object securely with both hands. Use gloves if needed.
4. Look up, that alone will help keep your back straight and not arched... try it, you'll see and feel the difference whether looking down or looking up. I learned this during a rescue squad training years ago, and it has proven invaluable ever since.
5. Hug the object to be lifted close to you, like you're holding a baby.
6. Get ready to lift, tightening your muscles, keeping your back straight and strong, looking forward and upward.
7. Lift slowly, with your legs, do not jerk; breathing out slightly as you lift and stand.

For more information on back injuries, lifting techniques, etc., see:

<http://www.mayoclinic.org/>  
[www.osha.com](http://www.osha.com) - OSHA  
[www.nsc.org](http://www.nsc.org) – National Safety Council

or just do a search of back safety, back injuries, lifting safety, safe lifting techniques or something similar. More sites will emerge than you have time for.



Images from [www.ergo-plus.com](http://www.ergo-plus.com)

## 2016 UVM/Vermont Tech FARMS Two-Plus-Two Scholarship Winners Announced

Vermont Technical College and the University of Vermont announced the 2016 Farm and Agricultural Resource Management Stewards (FARMS) 2+2 scholars during the Green Mountain Dairy Farmers annual Statehouse reception today.

The 2016 2+2 scholars were chosen for their academic potential, their interest in a bachelor's degree in dairy management, and their commitment to the agriculture industry. The students were honored at the Statehouse event by Deputy Secretary of Agriculture Diane Bothfeld, House Agriculture Committee Chairwoman Carolyn Partridge, Dean of UVM's College of Agriculture and Life Sciences Tom Vogelmann, and Vermont Tech President Dan Smith. The 2016 2+2 scholars are:

Derrick Daigle, *Troy*  
 Henry DelaBruere, *North Troy*  
 Lucas Lanphear, *Hyde Park*  
 Keltsey Ruston, *Grafton*  
 Levi Vaughn, *East Thetford*

The FARMS 2+2 scholarship is funded by the State for Vermont for students pursuing a bachelor's degree in dairy and agricultural resource management through the unique Vermont Tech-UVM partnership. The program funds half tuitions for two years of study at Vermont Technical College and full tuition for two subsequent years at the University of Vermont. The program includes a semester at Miner Agricultural Research Institute in Chazy, New York.

Over 65 2+2 scholars have graduated in the past 15 years and are now active in agribusiness industries and on farms across Vermont.



caption?

# New Census Confirms Vermont is Still a National Leader in Farm to School

*National Survey Shows Vermont Schools Spent More Than \$1.5 Million on Local Food in 2013-2014*

By Alexandra Zipparo,  
VAAFM

Vermont is in the farm to school spotlight once again this month as recently released Farm to School Census data ranks Vermont second in the nation in farm to school engagement. With 78% of Vermont districts reporting, Vermont schools spent more than \$1.5 million in local food in the 2013-2014 school year. The top three districts, Washington Central SU, Burlington School District, and Milton Town School District, spent a combined \$168,000 on local food purchases, excluding fluid milk.

This continued national leadership can be attributed to the Roza McLaughlin Farm to School Act of 2006, which established the Vermont Farm to School Grant Program. The grant program has contributed to the establishment of a strong statewide farm to school network, the development



of regional farm to school nonprofits, and a robust inter-agency partnership to support farm to school programs, including of the VAAFM, Agency of Education, and Department of Health. Other census highlights include:

- Vermont schools spent an average of 17% of their food budgets on local food
- Almost 100% of Vermont schools surveyed are buying local fruits and vegetables
- Vermont has 85 gardens at schools statewide

“Farm to School programs are an important tool to help students understand the value of nutrition, develop healthy eating habits, and

appreciate where their food comes from, creating a culture of change in the classroom, cafeteria, and community,” said Agricultural Secretary Chuck Ross. “We are thrilled with the recent Farm to School census data. The results affirm the hard work undertaken by students, teachers and staff, farmers, community members and partner organizations throughout the state, as well as the

support and commitment of Vermont legislators and the Agency of Agriculture, Food & Markets.”

Nationwide, schools report that farm to school programs can increase the number of students purchasing school breakfast and lunch, improve consumption of healthier foods at school, and reduce plate waste. The programs are also heavily focused on nutrition education, helping teach children where their food comes from and exposing them to lessons about healthy eating. The census data also showed that school gardens, which can be both teaching tools and a sources of fresh produce, have nearly tripled over the past two years.

“We now have valuable data from schools on the

local products they are buying, the gardens they are planting and the many methods they are using to teach children where their food comes from,” said Deborah Kane, Director, USDA Office of Community Food Systems.

In order to establish realistic goals for national Farm to School initiatives, the USDA conducted the first nationwide Farm to School Census in 2013. In 2015, the USDA conducted a second census to measure progress against the goals established in 2013. Of the 18,000 public, private and charter school districts survey, approximately 70% (12,585 districts) responded. To view the full results, visit: <https://farmtoschoolcensus.fns.usda.gov>.

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# Deserving Vermonters Needed for Agricultural Hall of Fame



By Jackie Folsom

The 14th celebration of Vermont's best agriculturists will be held during the Champlain Valley Exposition this year, and we need your help in identifying who will be inducted into the Vermont Agricultural Hall of Fame!

Currently, sixty-eight outstanding citizens have been nominated and inducted into the Hall. Their stories are as diverse as our agriculture, and they represent people working as farmers, advocates, innovators, teachers and leaders. Members from the past include John Deere, Governor Frederick Holbrook and Senator Justin Smith Morrill; recent inductees include Darby Bradley, Lucien Paquette and Arthur Clifford.

The criteria for being considered for the Hall include:

- A lifelong commitment and involvement in agriculture
- A commitment that doesn't necessarily derive from a financial benefit
- Integrity and/or character that strengthens and upholds the positive image of agriculture and rural life

- Demonstrated leadership in moving agricultural and rural communities forward
- Rising above adversity to promote agriculture, and
- Inspiring and sharing their enthusiasm and experience with the next generation to promote a positive image of our industry.

It's very easy to nominate a deserving Vermonter for the honor – simply go to the Champlain Valley Exposition website – [www.cvexpo.org](http://www.cvexpo.org) – and visit the About Us button to follow the link to the Hall of Fame. The one-page form is pretty simple and only requires two or three paragraphs about the nominee. The Committee reviews all nomination forms every year in mid-summer and no nomination is ever discarded.

We try to induct at least four individuals every year, and the categories are pretty broad – but we always give preference to the folks who work the land, and we'd love to have your input!

Applications are due into the Champlain Valley Exposition office by May 31, 2016. Please download a form today and send in your nominations. The chosen nominees will be notified by July 1 and can bring as

many family members to the celebration as they like; folks who nominate them are invited to the event, too!

After so many years, the Induction Celebration has turned into a homecoming

of sorts, and all previous inductees are also invited. Black and white photographs of inductees currently line two walls of the entryway to the Miller Buildings on the CVE grounds, and make a

wonderful presentation of our famous Vermonters!

If you have any questions, please contact Jackie Folsom at [crkdbbrks@aol.com](mailto:crkdbbrks@aol.com) or at 802-426-3579.

## Six Tips For Staying Safe During Planting Season

In the hustle and bustle of planting, it can be incredibly easy to overlook safety risks. The United Soybean Board and University of Illinois offer six quick tips written by Sonja Begemann for staying safe this planting season.

1. Be aware of your transportation risks and make sure your farm vehicles are visible. Some tractors have flashing lights, extremity markings or slow-moving vehicle signs. If yours doesn't, be sure to pick up a high-visibility sticker or sign to let drivers know you're there.
2. Read herbicide, pesticide, fungicide and seed labels. Following precautions about wearing long sleeves, using a dust mask or protecting your eyes can save you from injury. Keep extra labels handy or snap a picture with your phone for quick reference.
3. Keep your equipment in good shape. Mid-planting mechanical work could open you up to risks from the heavy machinery. Double-check equipment before you get into the field.
4. Store fuel properly. Keep it away from the shed to reduce the chance of fire and

explosion.

5. Don't forget about eating and sleeping. You will likely be spending long hours in the field, and skipping meals and sleep can decrease your reaction time and awareness. The Center for Disease Control and Prevention says the average person needs between seven and nine hours of sleep nightly.
6. Watch out for children on or around equipment. If a child is with you in the cab, make sure he or she is wearing a seat belt. Teach children to stay a safe distance from moving tractors and other farm equipment

Vermont farmers, please call Farm First for resources, support and information. 1-877-493-6216 anytime, day or night.



# Slow Money Vermont Speeds Up Frozen Yogurt Production

By Rachel Carter,  
VT Farm to Plate

Creamy farmstead frozen yogurt in vanilla, chocolate, maple, and coffee flavors is pumped into 300 Cobb Hill Frozen Yogurt pints a week—a number that has more than doubled from this time last year.

“A year ago it took us three production days to do what we can now do in one,” exclaims Jeannine Kilbride, director and owner/partner of Cobb Hill Frozen Yogurt.

Last May, Kilbride presented to a group of investors and capital providers at a Slow Money Vermont Entrepreneur Showcase event, making the case for a new batch freezer to double production of the frozen yogurt made in small batches from the milk of Jersey cows at Cedar Mountain Farm.

## Cobb Hill

Cobb Hill is home to a co-housing community of 23 families who live and work on a 270-acre farm in Hartland, Vermont. Cobb Hill encompasses Cedar Mountain Farm—a cooperative dairy, produce, and meat farm; Cobb Hill Creamery—producers of Cobb Hill Cheese and Frozen Yogurt; as well as maple syrup, Shiitake mushroom, and Icelandic Sheep meat producers.

Cobb Hill Frozen Yogurt is under contract to buy a certain amount of milk to sustain the poundage so the



Cobb Hill Frozen Yogurt owner partner Jeannine Kilbride

Cedar Mountain Farm dairy partners can be profitable and can continue to produce the milk needed to make value-added products like cheese and yogurt. This created the need for Cobb Hill Frozen Yogurt to increase production and efficiency and for that, they needed a batch freezer.

After her presentation at the Slow Money Vermont Entrepreneur Showcase, Kilbride connected with Slow Money Vermont member, Vermont Community Loan Fund, resulting in a \$13,050 loan for the new batch freezer.

## Slow Money

Slow Money is a national movement, inspired by Woody Tasch’s book, *Inquiries into the Nature of Slow Money* (Chelsea Green), and can be found in 46 states and seven counties. Slow Money Vermont connects farm and food enterprises with the investors in their communities to grow sustainable food economies.

Slow Money Vermont has been developed by a Vermont Farm to Plate Network task force to increase investments and financial partnerships in food system enterprises. The

Farm to Plate Network is responsible for implementing Vermont’s food system plan to increase economic development and jobs in the farm and food sector and improve access to healthy local food for all Vermonters. Financing farms and food businesses is an important part of how Vermont can relocalize its food system.

Slow Money Vermont also recently launched the Vermont Food Investors

Network to help investors and entrepreneurs develop local food investments through networking and online partnerships with Milk Money Vermont.

Learn more:

**Slow Money Vermont**  
www.facebook.com/  
SlowMoneyVermont  
**Vermont Community Loan Fund** www.investinvermont.org  
**Vermont Farm to Plate**  
www.vtfarmtoplate.com

## For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: Coca-Cola Bottling Co. of Northern New England of Colchester, Vermont to transport and sell milk products within 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 April 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.



# Working Lands Committee Releases Report and Vermont Forest and Wood Products Online Directory

By Emma Hanson, Vermont Agency of Agriculture, Food & Markets

On Thursday, February 25th, the Forestry Committee of the Working Lands Enterprise Board (WLEB) released the final report of the Forest Systems Analysis, conducted by St. Albans based Yellow Wood Associates. The year-long project brought together hundreds of forest and wood products professionals to collaboratively chart a path forward for the industry. The three main takeaways defined a need for:

- increased public awareness of the economic importance of the forest and wood products sector

- industry wide network development; and
  - increased consumer demand for Vermont-made wood products.
- “We’ve come together to examine obstacles and opportunities and to help chart a return to a thriving forest economy,” said Commissioner Michael Snyder, Department of Forests, Parks & Recreation. “Over the year-long analysis, it was gratifying and absolutely critical that so many Vermonters from such a wide swath of the sector came together to participate. We developed a shared understanding of the problems we face and



we inspired each other to consider how we can shape our collective future.”

Additionally, the committee unveiled a new tool to help both industry members and consumers connect. The Vermont Forest and Wood Products Online Directory is an interactive map of many of the wood and forest related businesses and resources in the state.

The tool can be utilized for a variety of purposes, including to find a nearby forester or a kiln that dries a particular type of wood. The online directory is linked to the Working Lands website as well as that of the Department of Forests, Parks & Recreation.

The information in the directory was compiled from scores of documents from various organizations and the Department of Forests, Parks and Recreation. The committee is encouraging industry members to review their business information on the map and email corrections to [working.lands@vermont.gov](mailto:working.lands@vermont.gov) with “Asset Map” in the subject line. Support identifying businesses listed in the directory that are no longer active is also appreciated. With such a tremendous amount of data, the industry’s involvement is absolutely essential to making this tool as accurate and helpful as possible.

The report and directory were unveiled at the Southern Vermont Forest Meetup, hosted by the WLEB Forestry Committee on February 25th, 2016. Held at the Marlboro School of Graduate and Professional Studies in Brattleboro, the event was followed by a tour of Cersosimo Lumber, the largest sawmill in the state. Over 60 industry members and partners were

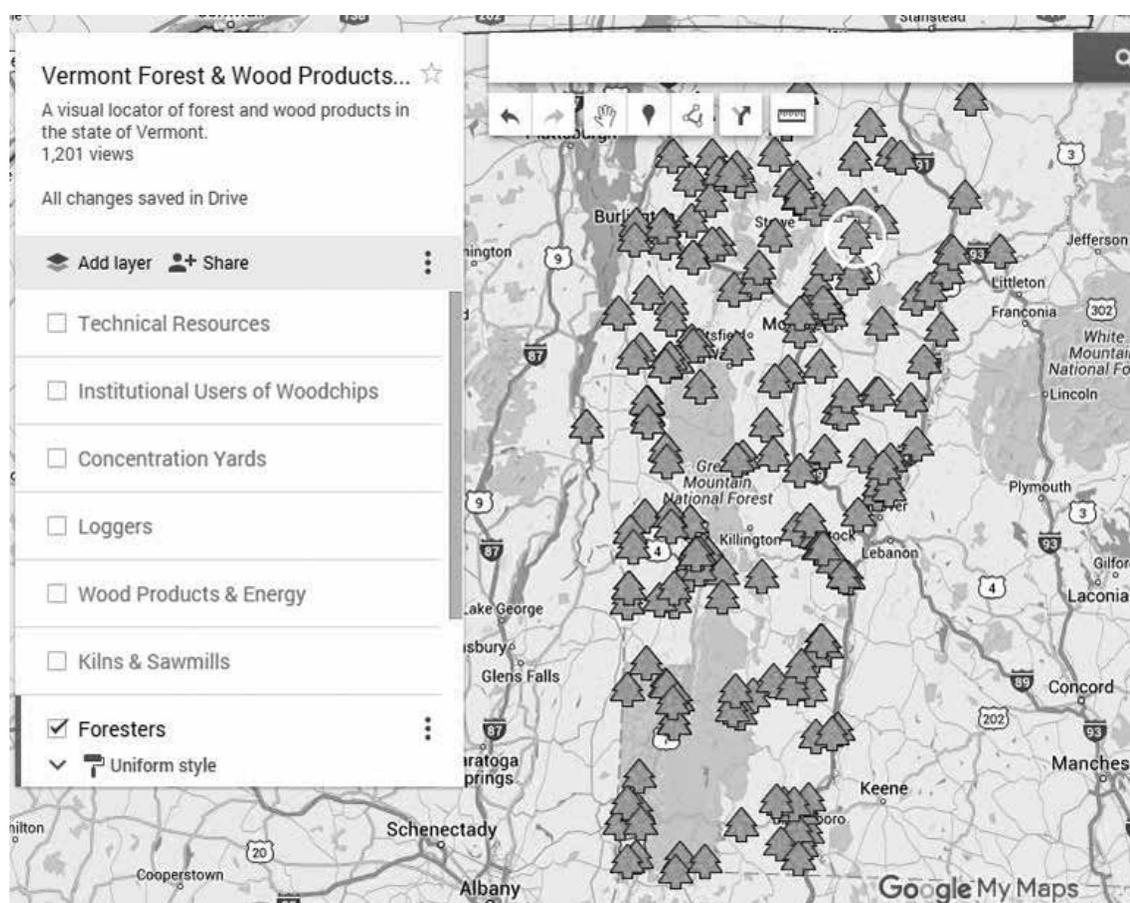
in attendance. The event built on the success of last June’s Forestry Summit, held at Sugarbush Resort, and focused on building connections within the sector.

WLEB Forestry Committee Chair and Consulting Forester Joe Nelson, County Forester Matt Langlais, and Vermont Sustainable Jobs Fund Director Ellen Kahler provided remarks. A three-person panel moderated by Ken Gagnon of Gagnon Lumber illustrated Southern Vermont’s value chain. Panelists included Eli Gould, a WLEB grant recipient and owner of Ironwood Brand, Jeff Hardy from Cersosimo Lumber, and George Weir from the Windham Regional Woodlands Association.

Following the meeting, committee chair, Joe Nelson said, “The strong attendance today is a testament to how dedicated these folks are to the forestry sector. And it reinforced how important it is that we reach out and connect to each other across the state to enhance these private-public partnerships in order to maintain and strengthen Vermont’s forest economy.”

Link to Vermont’s Forest Sector Systems Analysis: [http://workinglands.vermont.gov/sites/ag\\_wlei/files/VT%20Forest%20Sector%20Analysis\\_2016.pdf](http://workinglands.vermont.gov/sites/ag_wlei/files/VT%20Forest%20Sector%20Analysis_2016.pdf)

Link to the Forest and Wood Products Directory: <http://workinglands.vermont.gov/node/736>



# Breakfast After The Bell Challenge Boosts School Breakfast Participation

*New England Patriots Player Duron Harmon & Dairy Farmer Of The Year Celebrate Success*

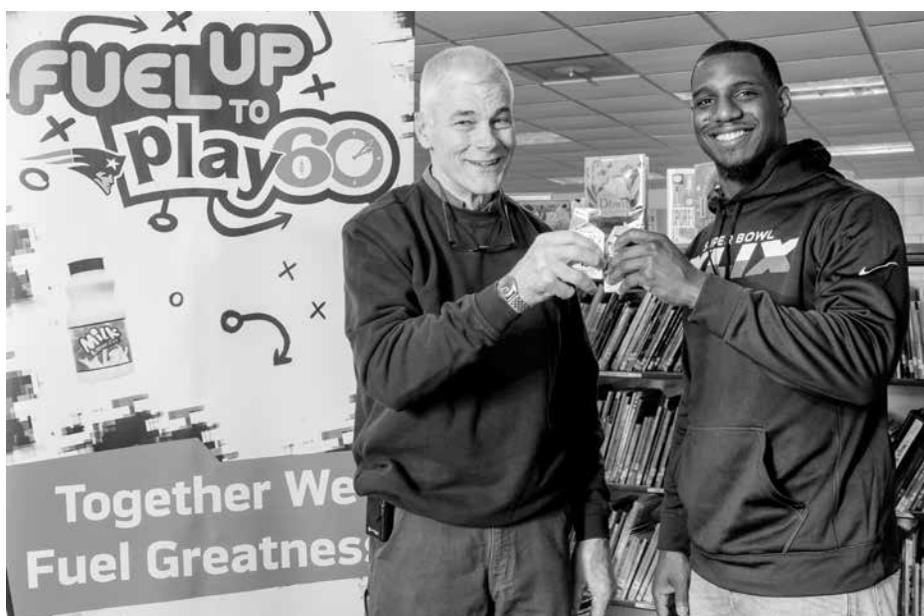
By Laura Hardie

New England Patriots Player Duron Harmon and 2015 Vermont Dairy Farmer of the Year Les Pike paid a special visit to Morrystown Elementary School on Monday with an important message: school breakfast fuels success! The school hosted an assembly to celebrate the recent \$12,000 in funding the school supervisory union was awarded for breakfast programs at Morrystown Elementary School, Peoples Academy High School, and Stowe Elementary School. The funds come from the dairy farmers of Vermont

and New England as part of the Vermont Breakfast after the Bell Challenge (VBABC) to increase school breakfast availability by 20% statewide.

“Breakfast not only fuels the minds and bodies of our youth, but it is also a great way to encourage children to consume local dairy products like milk and yogurt every day,” said Pike, dairy farmer from Keewaydin Farm in Stowe, the 2015 Vermont Dairy Farm of the Year. “The future of the dairy industry as well as the health of today’s children are critical and deserve our support.”

Harmon, a safety on the Patriots, played with dozens of students in the gymnasium



*New England Patriots safety Duron Harmon and 2015 Vermont Dairy Farmer of the Year Les Pike toast good nutrition.*

and shared messages about the importance of health, wellness, and staying in school.

Since the start of the VBABC in January, 13 Vermont schools have enrolled to increase students’ access to a healthy start to the day. Research shows that the single most effective intervention a school can make to increase breakfast participation is to make breakfast available for students after the first school bell of the day.

“School breakfast after the bell is a win-win opportunity for everyone involved,” said Ed Oravec, Morrystown School Principal. “Students win with better access to good nutrition, which leads to improved attention and performance, and schools benefit from improved meal program finances.”

Anore Horton, nutrition initiatives director from Hunger Free Vermont, says

that research links school breakfast with improved academic performance and behavior in students, but that not enough students are eating breakfast every day.

“Breakfast After the Bell is a proven strategy for increasing participation in our school breakfast program,” said Horton. “We are excited to see more schools offering breakfast in this model and therefore more students eating the healthy breakfasts provided by their schools, while developing life-long healthy eating habits.”

New England Dairy & Food Council and Hunger Free Vermont launched the challenge in January 2016. The VBABC is a multi-faceted project that includes resources, funding opportunities and awards, all in the name of ensuring students start the day with a healthy meal. The challenge will run for two four-month

terms: January 2016 to April 2016 and September 2016 to December 2016.

“The challenge is a way for dairy farmers to continue to support breakfast programs in Vermont,” said registered dietitian Jill Hussels of New England Dairy & Food Council. “Over the past two years, \$67,633 in funding has been provided to Vermont schools by the dairy farmers of Vermont and New England in support of the many benefits of school breakfast including improved test scores and fewer visits to the school nurse.”

Students also heard from several additional wellness champions including: 9th grade student Parker Spaulding from Spaulding High School and Vermont Student Ambassador for Fuel Up to Play 60, and Morrystown School Food Service Director Jeffrey Brynn.

## For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: Northwoods Creamery of Westfield, Vermont to process, package and sell sheep’s milk 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 May 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 VEGETABLE AND BERRY NEWS



Compiled by Vern Grubinger,  
University of Vermont  
Extension  
(802) 257-7967 ext. 303, or  
vern.grubinger@uvm.edu  
www.uvm.edu/vtvegandberry

## Reports From The Field

(Waterbury) Garlic is looking good despite the lack of snow and erratic temperatures this winter. We typically use black plastic mulch or straw on our garlic beds. This year we are experimenting with 2 rows with silver plastic mulch. We feel that perhaps it gets too hot under the black plastic in July and causes early maturation. So far, the garlic in the silver plastic rows is smaller, which we would expect from lack of heat from the black plastic, but it is also not looking as healthy, some yellowing and not as green and vibrant as the garlic under the black plastic. It will be interesting to see how it compares at the end of the season.

(South Strafford) Morrill Mountain Fruit Farm. Berry bushes seem to have weathered the fluctuating temps without the benefit of snow insulation. Currant bushes and raspberries leafing out. Blueberry buds swelling. In April the Berry Patch is looking full of promise.

(Rochester) Despite a 4° F. night two weeks ago when

our Patriot blueberries had buds at full swell they seem to have suffered no damage. The literature varies about when damage at bud swell will occur, but below 10° F. was supposed to spell doom. I can only think that the earliness of the date and the dry conditions must have meant there was little or no moisture in the buds despite their swollen state.

(Williston) Still harvesting spinach and kale in hoophouse with steady sales to wholesale markets getting \$7-8/lb. I have been able to water in the hoophouse for the last couple of weeks with the mild weather. Rabbits are my biggest problem and voles have disappeared for now. Just got my hoophouse soil sample results back from UMaine so I will amend soil and let it incubate for two weeks before planting. All field perennials are starting to show signs of growth (tarragon, lemon balm, anise hyssop, chives, winter savory, lovage) and the garlic is up with great survival rate. I planted in black plastic and covered with straw and had no problems with winter kill especially with the mild winter. Cover crop is starting to grow back after the deer had nipped it back this past fall/winter. Looking back at last year's notes the weather was very much like a roller coaster with 80 degree temps in early May and frost on May 26. I will keep that in the back of my mind while planting in the field this year. I think climate change is here to stay.

(Benson) Wow, is it dry, and getting drier by the hour. I decided to set up both overhead irrigation systems before dropping in

the first transplant. Had to move pipelines a couple of times already to direct the wind-blown water to the right spot. I'm not really complaining; this beats a wet spring any day. All in all a good start. First plantings of carrots and beets are in along with the full array of radishes, turnips, etc. We'll just keep on seeding and planting and hope for a good productive season.

(Plainfield) Seedlings growing well, enjoying all the sunshine and good potting mix. Nice crop of spinach in our tomato houses. Time to get some ground ready for early transplants. Kale and chard plugs need to get in soon. Time to rake the mulch off of the strawberries. What does May hold? Might be frosty if it stays this dry.

(Westminster West) Our heavy upland farm soils have finally dried out last week so plowing, discing and general field work is under way. Installed a new main water line to run the irrigation from with larger diameter and more capacity. Preparing a field that hasn't been plowed in forty years leads to exciting discoveries of large rocks to add to our collection of glacial debris.

Early plant sales a bit slow due to weather but with the worst now over sales are picking up, especially with our more southern accounts in CT and MA. This is the most challenging year in terms of labor we've ever had, with two unexpected departures last week. It's getting harder to fill positions with reliable, steady staff. We have raised pay and provided unemployment compensation and are still

having issues with people not wanting to work full time. After years of buying new trucks to fill our growing needs, I finally decided to lease a much larger truck (26') for the busy plant shipping season instead of buying and I'm delighted as to how easy and affordable it is! No longer will I tie up capital in a vehicle that I use seasonally. All the regular maintenance is already done, and every year, it's a brand new truck! Sweet. The longer I farm and stay in business, the more I learn.

(Plainfield NH) Cool and very dry. Trying to minimize tillage to maximize soil moisture. Other than 4-5 acres of peas and oats, nothing out in the ground. Fertilizing blueberries and strawberries. Field crew (Mike and Ray) spent a lot of time flat filling, and readying the retail area of the ornamental greenhouses for opening. Shifting to the fields and setting up pumps. College and H2A workers not here yet, but if we get some moisture soon we can lay some plastic and be ready for them when they get here in 10 days or so.

(Argyle NY) Pleasant Valley Farm. The cold weather did kill off some of the strawberry flowers, but blueberries and other fruits seem OK. We have a full seeding into all our fields, did a light disking on a clay-loam field, and had to get all the irrigation systems up and going! The kale in has produced amazingly well all winter, both in the high tunnels and a temporary 30' tunnel that we threw up in November over the fall kale. We grew 8 varieties of kale and a few

still have not bolted: Red Ursa, White Russian, and Siberian. Spinach is going by in the tunnels and we will be putting in the cucumbers, squash, basil and soon the tomatoes. Transplants of lettuce have been going out in the fields for two weeks; garlic is up five inches and we are starting to harvest the overwintered spinach. Overwintered, October-planted, onions inside the 14x100 small tunnel are about twice the size as those planted next to the tunnel with just two layers of row cover on them. It will be good for staggered production though, and we will have a report on the trial varieties of reds and yellows later, as well as harvest dates and yields. Markets move back to the outside pavilions in two weeks, and our production has been keeping up with the increased sales.

(Ange-Gardien, Quebec) Everything grows well in the greenhouse. No major issues with pest or diseases. Could not get a third cut on my arugula. I still have to work on my climate control and irrigation. Anybody make money with radishes in greenhouse? Would be interested in knowing how. They are useful to fill a 3-4 weeks gap. Pretty dry spring so far. Lots of light but night still cold. I tried to spread manure and lime on dryer fields with success as compaction was manageable after the passage. I am a bit behind on machinery preparation.

(Little Compton RI) It has been another spring for the record books. I have never had to get all our irrigation pumps and delivery pipes going just to get peas

*continued on page 15*

MARKET REPORT

**Wholesale Prices**

January 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

Market is steady and supply is good.

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 April 2016

	<b>Cattle</b>	<b>Calves</b>
This Week:	156	215
Last Week:	104	183

Compared to last sale, slaughter cows sold \$2.00 - \$4.00 lower with good demand. Slaughter cattle supply included 156 cows and 0 bulls. All prices quoted per cwt.

**SLAUGHTER COWS:**

	% Lean	Avg. Dressing	High Dressing	Low Dressing	Very Low
Premium White	65-75	83.50	—	—	—
Breakers	75-80	77.50-81.50	83.50	74.00-77.00	—
Boners	80-85	76.00-79.00	81.00-82.00	71.50-74.00	—
Lean	85-90	75.00-76.00	77.50-81.00	69.50-74.00	62.00-68.00

**SLAUGHTER BULLS:** Not tested

**CALVES:** When compared to last sale Holstein bull calves sold steady with good demand. All prices per cwt.

**HOLSTEIN BULL CALVES:**

**Number 1:** 100-120lbs 205.00-240.00; 90-100 lbs 200.00-232.50; 80-90 lb 190.00-217.50; 70-80lbs 182.50-195.00.

**Number 2:** 100-120lbs 200.00-210.00; 90-100 lbs 182.50-227.50; 80-90 lbs 177.50-192.50; 70-80lbs 132.50-177.50.

**Number 3:** 100-120lbs not tested; 90-100lbs 135.00-200.00; 80-90lbs 150.00-170.00; 70-80lbs 132.50-147.50.

**Utility:** 100-120lbs 140.00-167.50; 90-100lbs 80.00-132.50; 80-90lbs 55.00-122.50; 70-80 lbs 55.00-97.50.

**HOLSTEIN HEIFER CALVES:** 67-82lbs 67.50-180.00

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:**

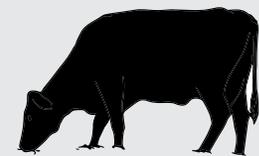
VT Agency of Ag-USDA  
New Holland-Lancaster County, PA

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 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](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](mailto:Faith.Raymond@state.vt.us).

**Bees & Honey**

3-frame deep mostly-sealed brood nuclei with +/-3# of bees from NH colonies, with tested, clipped and marked Carniolan queen \$165. Carniolan queen C&M: \$33, shipped: \$38, honey qt. \$22, propolis 2oz. tincture \$16, frozen pollen \$28/qt., lindenap@gmail.com, 603-756-9056, ALSTEAD, NH. (5/16)

Five frame nucleus colonies with bees, brood and queen at \$155. Queens are \$32 with shipping at \$8.50 per order. Ten or more see our

website. We sell hybrid queens, Northern Survivor Stock, bred from various strains used to breed traits in our bees. Order on-line or send us a \$40 deposit on each nucleus you want. Pay in full for queens on-line or through the mail with your full address and phone number. See Website for more info. Roland Smith, Singing Cedars Apiary, 77 Singing Cedars Rd., Orwell, VT 05760. (802)948-2057 [www.vtbees.com](http://www.vtbees.com) (5/16)

3 frame deep mostly-sealed

brood nuclei with +/-3# of bees from NH colonies, with tested, clipped and marked New World Carniolan queen \$165. 2016NW Carniolan queen clipped and marked: \$33, shipped: \$38, honey qt. \$22, pt. \$13, propolis 2 oz. tincture \$16, fresh frozen pollen \$28/qt., lindenap@gmail.com, Linden Apiaries, 603-756-9056, ALSTEAD, NH." (5/16)

**Cattle**

West Swanton, VT - Hereford Cows, with calves at side, \$1500.00. Please call Jon at

## CLASSIFIEDS

802-868-7097 (evening) or 802-868-3327 (day). (4/16)

Guernsey cow 4th calf easy hand or machine milker good bag and handles \$2000 putney vt 802 387 4412 (4/16)

3 4 year old red and white Holstein oxen broke to pull but need some work 1 full team then 1 extra who lost his partner must stay together not 4 beef very friendly very gentle good home a must just don't have time to work them call and make an offer Lyndonville Vermont 1 802 626 3061 ask for annie (4/16)

Jersey heifers from weaned to bred for Fall 2016; grass based registered herd on DHIA. Fairfield. Call 933-4592 or e mail gwfarm@vtlink.net (5/16)

Two stout American Milking Devon bull calves for sale. About 10 months old. Registrable. \$800 each. Newbury. Tel. (802) 584-3769. (5/16)

Jersey service bull - 2 years old. Calm temperament - stanchion trained. Out daily - proven breeder \$900 OBO 802-254-6982 (5/16)

Purebred polled Hereford yearling heifers also yearling steers. Lull Brooke Farm 802-436-2068 (5/16)

### Employment

Horsford Gardens & Nursery needs a Perennials Manager! Come grow with us, and manage perennial production, a 2-3 person team, and sales. Great benefits including paid vacation. See our website for a full job description and to apply at <http://www.horsfordnursery.com/jobs.php> (4/16)

Horsford Gardens & Nursery is seeking candidates for the 2016 season! Openings include:-Perennials Manager -Garden Center Assistant Manager -Field Crew Member -Horticultural Professional -Wholesale-Shrub Grower-Perennial Grower Assistant Complete job descriptions are online at [www.horsfordnursery.com](http://www.horsfordnursery.com). (4/16)

Seeking a responsible grounds-keeper/farmhand in Cabot to rent our remodeled bungalow and work 20-30 hours per week. Animal chores, haying, running tractor, basic machine maintenance, chainsaw work, gardening, pruning and spraying trees, weed wacking, fence maintenance. Email Israel at [ihelfand1@gmail.com](mailto:ihelfand1@gmail.com) (4/16)

Clean barns, windows, raking, lawn mowing, haying etc. Can operate machinery, tractor, will Operate Skidder, Split wood, House sitting, pet care & More. Very Reliable, Honest, reasonable rates. Windsor/Orange Counties Only Call 802-398-7457 (5/16)

Job milking cows, Prefer parlor will consider pipeline Windsor or Orange Counties Only. No Housing Needed. Clean pens-barns, help haying. Call 802-398-7457 (5/16)

Apple Orchard FARM HAND (plus) FULL TIME: 3-4 years apple orchard exp. Required! Must have pride in quality, drive and value our mission. Future Potential: Farm Manager Wellwood Orchards, Springfield, Vermont. Inquire at [livefriedmanordie@gmail.com](mailto:livefriedmanordie@gmail.com)

### Equipment

Massey-Harris Pony 1949 with plow cultivator, tine harrows \$3250. Ford 4 row corn planter \$975. IH Chiesel plow, 9 shanks \$3250. Ford 3 bottom plows \$975. JD 4 bottom plows \$1250. Panels 12' for round pen \$95 each. 802-282-2060 (4/16)

New Holland 892 chopper both hay and two row corn heads. International NO 56 silo blower short hopper with auger feed. 802-3722-4513 (4/16)

Case 450C new undercarriage. Ford 4630 low hours good condition with loader 4-wheel drive. Long 2460 good rubber 4-wheel drive. Ford 4000 2-wheel drive. Ford 555B 4-wheel drive TLB cab ready for work. Retired do not need anymore. 802-485-7757 (4/16)

DR generator model GEN-

01826 \$450 802-728-6077 (4/16)

Kubota 2002 L2600 DT 4-wheel drive loader, back blade, low hours, service manual and paris catalog \$13500. 802-446-2870 (4/16)

Pronovost Puma 64 snowblower 3 pt hitch, extra chain and spare shear pins \$2200. York rake model MR3 6Ft with guide wheels 3 pt hitch. 802-446-2870 (4/16)

CONDE Vacuum Pump, dry tank with gauge. Works well, great for small dairy or sugaring \$350. (Underhill) (802)-899-1363 (4/16)

2 Wheels for a Pin Wheel Rake \$50.00. 2 Full rolls of 4 point barbwire and 2 half rolls \$150.00 603-543-3616 (4/16)

MF 165- Diesel- w/ldr- Runs good! \$3800. Hesston (NI) S260 man sprdr- 250 bu- Exc..\$5800. Gehl 250 man sprdr- words good..\$1850. Knight #250 man sprdr-fair--\$1250. Oliver 5 btm- Auto reset plows: \$2800. Kverkland 2 Btm Plow-New..\$1800. Several Harrows & Plows-3btm plows/ 8-10' Disk har/ 16'-3ph Spr tooth har:\$850. Each 802-376-5262 [www.youngsmilkyway-farm.com](http://www.youngsmilkyway-farm.com) (4/16)

JD3950 Corn Chopper - \$5,500, JD336 Square Baler - \$3,500, JD455 Hydro-Push Manure Spreader - \$5,500, 200Gal Walsh Sprayer - \$1,000, Int.56 SilageBlower - \$500, Gehl970 Forage Wagon-no roof-\$3,500, 18' Brillion Springtooth-\$3,500, (802) 558-8370 (4/16)

Cedar fence posts for sale. 6' long by 3-5" tops, unsharpened. \$1.50 each, 5% bonus for orders over 200, 10% for orders over 400. Prefer to load with forks. Vince Foy, Danville, 802-748-8461. (4/16)

2002 TV140 New Holland Tractor, 2300 hrs., PTO Bucket and clam. Please call 802-525-1272. In very fine condition! (5/16)

Keystone Farm Wagon, Made For International Harvester Co. Chicago, Illinois. Antique

Restored, Called for more details \$ 950.00 or best offer. MY number 802-343-7303 (5/16)

4 small forge \$1500-\$2000 kelly Ryan 8' bagger \$9000 gehl 1075 with both heads+processor \$5500 gehl 1275 rebuilt with both heads and processor \$9000 three gehl 970 3 beater forge boxes \$1500-\$1800 16' drags \$550. Hough 50 payloader \$2800 518-335-4208. (5/16)

Hesston (NI) S260 man sprdr- 250 bu- Exc..\$5800. Knight #8114- Side discharge man sprdr- exc..\$6500.

JD 450 Hydra push sprdr..\$4500. Gehl 250 man sprdr..\$1850. Knight-single axle- Side discharge sprdr..\$2800.

Oliver- 5 btm- Auto reset plows--\$2800. Overum- 3 btm- Auto-reset plows..\$1200. MF- 3 btm- Auto-reset plows..\$950. Several Harrows & Plows- 3btm plows/ 8-10' Disk har/ 16'-3ph Spr tooth har--\$850. Each 802-376-5262 (5/16)

1997 New Holland 8970 4wd cab a/c 16 speed transmission 7300 hours, new turbo, exhaust manifold, fuel injection pump, rear brakes. 18.4X46 axle duals, 16 front weights. Nice clean tractor in excellent condition, stored indoors. \$56,000 802-759-2480 (5/16)

Roorda 2 patz 98c silo unloaders, very good condition. One 16 to 20 foot, one 20 to 24 foot: \$1800 each. 2 new spouts \$90 each. 2 Large drive wheels \$120 each, transmissions, electrical joints, frames etc. Call for prices. 802-759-2480 (5/16)

Massey Ferguson 231.1989 great shape. 38 hp, 3 cylinder diesel engine. Two wheel drive. 2400 hours, owners manual with records. Hydraulic outlet, factory rops, canopy. Cat 1, 3pt hitch. Always undercover. Asking \$7000. Call 802-285-6428, please leave a message. (5/16)

Field Cultivator Harrows Hinker 24 ft Good shape \$2500.00 or best offer NEW

Holland Manure Spreader 165 used very little bought new went out of farming \$6000.00 Electric calf dehorners \$50.00 2Rolls of barbwire \$75.00 Call 802-265-4589 (5/16)

SOLO MIST BLOWER. Used 6 times for twig aphids. Well cared for. Excellent condition. 2 cycle engine, 3-4 gal. tank. Manual incl. Reason for sale-farm sold. \$500. [elysianh@svcable.net](mailto:elysianh@svcable.net) OR 802.257-0233. (5.16)

Gleason FF40D Flat filler. \$2500 @ Houghton's Greenhouse in Lyndonville Vermont. (1-802-626-9545) Call any time, Ask for Bruce. (5/16)

Chisel plow - White pull type, 10 shank with 3" reversible shovels. Top points have not been flipped yet. Tires in good shape, solid frame with no welds. Asking \$2950. Brandon (802)247-6630 (5/16)

Brillion 3 shank Chisel Plow; like new \$1750 or BO Lafontaine 4' wood splitter, 3point hitch, PTO, drive pump;\$600 or BO Pile of tires for silage piles. Free David Franklin Guilford, VT 802-254-2228 (5/16)

New Holland 790 Chopper good condition, \$4000 OBO Ag Bagger GH-680, needs barrings, \$1000. 802-334-2401 (5/16)

NH Hay Merger with turnchute 3500.00 IH 900 cyclo corn planter, 4 row narrow, dry fertilizer 3700.00

75gal gas water heater, never used 600.00 600gal Mueller bulk tank 2750.00 50 cow 2" complete stainless pipe-line. Call Joe 802-770-0959 (5/16)

NI 680 (IH 881) harvester, two heads; Older Gehl dump wagon; Meyers Forage box on 1989 IH 1954 Diesel Truck; 9' Ag Bagger, 200' cable. 17,500.00 3250 Reel Auggie Mixer on 1995 Ford 450, 2wd, gas \$7500.00 Call Joe 802-770-0959 (5/16)

All field ready: Oliver 546 spring reset semi-mount

4 bottom plows \$1050. International 470 12' transport disc \$1200. NI 3632 manure spreader no upper beaters & stop gate \$5300. Rack Harvesters PTO low-behind rack windrawers 8' working width \$1350. 802-644-6567 (5/16)

John Deere 350 plow bottom hydraulic reset good condition with extra hardware \$1500 or OBO 802-285-6428 (5/16)

Herd Mod F160 3PTH 5 BU broad caster new \$450. Herd GT 77 ATV Broadcaster 12 volt 300 Bell saw M14 saw-mill \$750. Bellsaw 12" planer moulder \$500 5' & 6' drag harrows \$200+up 2 black smiths leg vice \$250 each 18' +4' Dry pine + hemlock cheep new sappail lids \$3 each simplicity walk behind roto tiller \$75. (5/16)

IH 826 4 new tires many new parts \$5000. Farmall 140 plow Harrow loader cultivators \$10,000. JD 2 beater self-unloading wagon 802-948-2627 (5/16)

New Holland 56 parellbar rake \$800 Harrow old 5' \$350 old New Holland baler \$150 needs a piece welded looks awful works. 802-877-3297 (5/16)

12 ton brock grain bins good shape. 24 ton brock grain bin like new, 5-6 ton grain bin. Massey Ferguson, transport Harrows, 519 New Holland spreader 802-624-0143 or 802-895-4683 (5/16)

Massey Ferguson 231 2w/drive with perkins 3 cylinder diesel good condition 38 hp only 2400 hrs always garaged factory canopy \$7000 OBO 802-285-6428 (5/16)

1965 Ford 350 1 ton stake body dual piston dump. Good running truck inspected. Good for small farm truck. 1957 Ford 800 tractor 860 model 5 speed 2 stage clutch heavy duty reav blade and chains. 1950 TO20 Ferguson tractor snow blade, chains and rear pulley with belt. 802-393-9257 (5/16)

McCormick -Deering Hoe seeder good useable condition

with tractor pole firm \$400 802-485-8717 (5/16)

Farm machinery '47 ford 2 N; good rubber, good tin will run \$1000 OBO. '39 farmall H needs work and rear tires \$500. 603-256-3202 (5/16)

**Farm & Farmland**

Farm to rent- Organic 135 tie ups +125 fields plus pasture 802-334-6426 (5/16)

**General**

Trucking cattle, sheep, goats, to C.V.L.M. every Thursday, top prices. 802-282-2060 (4/16)

Glass canning jars with bail top lids. Sizes available, pints, quarts, and 2 quart jars. All in excellent condition also are jar rubbers available. Good for canning and/or crafts. 802-438-5017. (4/16)

Potatoes for sale, 4 kinds .40 per pound. Call 802-767-4247 (4/16)

Canning jars and crocks 603-256-3202 (5/16)

**Hay, Feed & Forage**

Good quality first and second cut hay large and small bales and organic. Straw, large or small square bales whole or pressed bales at farm we load or direct delivery by trailer load. 802-849-6266 (1/17)

Butterworks Farm Organic red clover mixture wrapped haylage June cut \$45/bale call or email Collin at 802-323-9304, cmahoney@butterworksfarm.com (3/16)

2nd cut square bales \$5.50, 1st cut wrapped 5x4 round bales \$40. Must pick up. Cloudland Farm, Pomfret, VT 802-457-1520 (3/16)

50 4x4 wrapped round bales \$45 each. Some early June cut some 2nd cutting certified organic. 802-254-6982 (3/16)

Round bales large well packed. Have quality testing 1st 45 2nd 55 3rd 65. Dairy quality can load 802-472-5750 cow-spigsand more@gmail.com (4/16)

4000 ton corn silage, 1000 ton haylage 1st cut, 500 ton haylage 2nd cut 802-394-2976 (4/16)



400 grass baleage, 4x4, second cut - \$45/each. 2000 1st cut square bales \$4/bale (802) 558-8370 (4/16)

Big square 1st cut \$50. Big square 1st cut wrapped \$45. Big square 2nd and 3rd cut wrapped \$50. Delivery available. 802-236-7741 csfarm1@gmail.com (4/16)

HAY for sale, round bales, big squares, organic hay available, also straw. Tractor trailer loads only. Call Richard for more info at 802-323-3275 (4/16)

1000-2000 tons of 1/3 corn silage, 1/3 2nd cut and 1/3 3rd cut. Please call 802-533-2984. (4/16)

Certified organic square baled hay. 802-433-5837. never rained on. (4/16)

For Sale: 30 bales of first cut certified Organic 4x4 baleage \$30 each. Call before 8pm 802-348-6303. (5/16)

Second and third cut wrapped round bale some dry, some wet \$60 delivered 802-635-7679 (5/16)

Round bales large well packed. Have quality testing 1st \$45 2nd \$55 3rd \$65. Dairy quality can load 802-472-5750. (5/16)

Organic Feed third crop 2 bags 9' by 150' non organic 10 bags 9' by 150' 802-334-6426 (5/16)

Good quality 40 lb square bales for hay 1st cut \$3.50, 2nd cut \$5.00 must pick up at farm in Milton 802-893-7550 (5/16)

**ORLEANS COUNTY**

Organic first, second and third cut grass silage for sale. Trucking is available. Call

Tom at 802-744-2444 or 802-274-4934 or Shaye at 802-744-6553 or 802-274-4939. (4/16)

Organic haylage/w forage analysis 1st, 2nd, and 3rd cut in Ag bags. also Conventional - Hay small square bales 2nd cut. Call 802 334-6111 or 802 461-5300 (5/16)

Organic haylage with forage analysis 1st, 2nd, and 3rd cut in Ag bags. Also conventional - hay small square bales 2nd cut. 802-334-6111 or 802-461-5300. (5/16)

**Goats**

AlpineGlo Farm is offering 2016 alpine goat kids for sale. ADGA registerable, disbudded, CAE-free. Superior genetics, Roeburn's, Mamm-Key, Missdee's and Kickapoo Valley bloodlines. Contact Rachel, www.alpineglofarm.com, 802-463-2018 for full details. Prices ranging from \$200-\$400 for registered stock, between 2-4 weeks. (5/16)

**Horse Equipment**

Travis sled with 12 ft box body and seat, foot rest. Misc horse equipment. Rubber tired feed cart. 802-885-4920 (4/16)



2 homeamde force carts. Set of harness (nylon) no bridles 802-877-3297 (5/16)

**Sheep**

1 year old Tunis Lambs Ewes \$200 each 802-728-6077 (4/16)

New lamb emasculator, \$15. 12.4x24 tractor tire, good tread, \$75. 65# DeLaval milking machine pail (only), \$125. Vacuum dumping station, will hold about 75' of hose, \$75. Bedding chopper with new motor to be installed, \$100. Williamstown 802-433-5870. (4/16)

Pasture lamb for sale from hardy, grass-fed Romney flock; @ \$85. Min. 2; Calm, alert and gaining well; beautiful fleece. Reserve now for June pick up. Call Rebecca 802-295-1326. (5/16)

**Sugaring Equipment**

10" Maple Syrup Press for sale. \$1,000. [Hartland] Call 802-436-3127. (4/16)

**Swine**

6 month and growing fast. \$125 each. 802-276-3477 (4/16)

**Wanted**

Salvage quality stock or flatbed trailer. Call (802) 451-6548. (4/16)

Wanted, quiet, reliable, trail horse, not too young, minimum 14.2h, for 6 yr. old, ponied now, eventually alone. No vices, bad habits, healthy. Horse will have excellent home, care, 3 other horse pals, 70 acres pasture, streams, pond. 802-875-3659, alex-machine1@vermontel.net pictures please. (5/16)

Needed Wholesale Plant/Vegetable Sales Manager. Must have experience with plants. fruits & vegetables, organizational skills, knowledge of computer & Quickbooks. Must be reliable and able to multi-task. Early Mornings & One Weekend Day. Send resume to smazza-farms@comcast.net (5/16)

Older border collie to serve as watch dog on our farm in Shrewsbury, VT. Please call Art at 802-492-3653. (5/16)

# Trees Need Feeding?

By Dr. Leonard Perry,  
Horticulture Professor, UVM

**H**ave you fed your trees recently? If not, they may be quite hungry, if not starving. The best time to fertilize is in spring, after the frost leaves the ground but before trees begin active growth. On sandy soils, where nutrients rapidly are “leached” through them with rains, you may need to apply fertilizer twice—in early and mid-spring.

If you don’t get around to fertilizing in spring, the next best time for trees is October. This is late enough to not stimulate new growth, but early enough that some nutrients will be taken up by roots for use the coming season. Since we don’t see the roots, we often don’t realize that they continue growing and absorbing nutrients long after the leaves fall, often into December, and begin work again in the spring before the leaves return. After all, they must be absorbing nutrients and water to enable the leaves to resume growth.

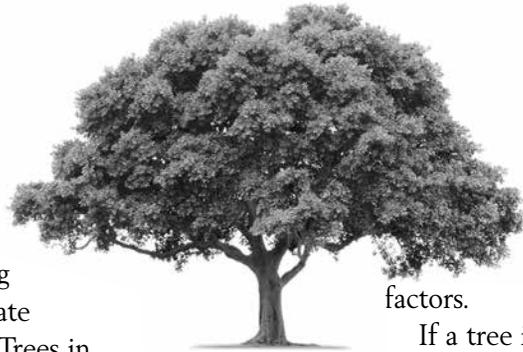
A tree may be getting adequate nutrients from the soil already, but it may benefit from additional fertilizer to keep it growing at its best. A healthy, vigorous tree is much less susceptible to attacks from disease, insects, and other stresses.

The 1998 ice storm showed the difference between healthy and stressed trees. One of the hardest cities hit by this storm, Montreal, lost many street trees to ice damage-- trees stressed by many factors

including inadequate fertility. Trees in the botanic garden, however, were little affected-- trees which had received proper care.

Trees benefit from all of the elements, but usually respond more to applications of nitrogen. Often there is adequate phosphorus in soils from previous fertility. In fact, unless a soil test calls for phosphorus, you should not apply it as this is illegal in many areas (since it washes into and pollutes watersheds from stimulating algal growth). A soil test (kits are available from Extension service offices and some complete garden stores) is your best bet to know how much fertilizer to add, or if any specific nutrients are lacking or are needed and in what amounts, so you don’t add too much or too little.

Trees planted in a lawn will benefit from the same fertilizer as put on the lawn, so if you have fertilized the lawn last spring or early fall, there is probably no need to fertilize trees planted in it. If not, a complete fertilizer (one such as 10-0-10 containing nitrogen-zero phosphorus-potassium, respectively), put on with a fertilizer spreader at 2 to 4 pounds for each 100 square feet, should be adequate. Trees will need differing rates of fertility, depending on their stage of life, and growth as dictated by other cultural and environmental



factors.

If a tree is newly planted, it should only need one to 2 pounds (per 100 square feet) of a 10 percent nitrogen fertilizer. In subsequent years, use the 2 to 4 pound rate. When mature, back off again to the lower rate, or perhaps none. If a tree has put on over 6 inches of new shoot growth the previous season, no fertilizer likely is needed. If shoot growth was between 2 and 6 inches, fertilize with 2 to 3 pounds of a 10 percent nitrogen fertilizer. If shoot growth was less than 2 inches, fertilize at the 3 to 4 pound rate.

Other signs that a tree may need fertilizer are:

- 1) it makes very little growth, even though it is established and there is adequate rainfall;
- 2) its leaves in midsummer do not have a good green color, but are yellowish;
- 3) its leaves gradually become smaller, year after year;
- 4) its leaves turn to their autumn color and drop in August or early September.

Yellowed leaves also may indicate that the soil acidity, or pH, needs correcting. This controls a plant’s ability to absorb nutrients. A soil test will let you know this level and, if too low (often the case in our region), how much lime to add to raise the soil pH. With 7.0 being neutral, most trees grow best

in slightly acidic soils (pH 6.0 to 7.0), while evergreens such as spruces and pines often grow best in more acidic soils (pH 5.0 to 6.0). A soil test also will let you know if a specific nutrient is lacking, causing leaves to yellow.

For trees not planted in lawns, try broadcasting fertilizer on the surface. Research has shown this to be effective, reaching tree roots, even in lawns. Just make sure *not* to use a fertilizer containing weed killer herbicides, or this may be taken up by tree roots and harm or kill your trees. Instead of broadcasting fertilizer, you may choose to “root feed.”

A common method of root feeding for home gardeners is to buy spikes of tree fertilizer and drive these down into the soil. Another method is to make holes in the soil with a crowbar, or

similar tool, and pour fertilizer into these holes. Holes should be about 18 inches deep and 1-1/2 to 2 feet apart. They should start about 6 feet out from the trunk of older and larger trees, and extend out about 6 feet beyond the spread of the branches—the same area as when you broadcast fertilizer. For younger trees, make holes about every two to three square feet.

Another method of root feeding is to use a tube you attach to the hose. On the hose end is a container to add fertilizer tablets. Simply push into the ground, turn on the water, and the fertilizer solution is injected into the root zone. Use similar spacing as above. This is the method usually used by tree care professionals. Such wands can be found in complete garden centers and specialty garden supply catalogs.

## For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: Larson Creamery, LLC. of Wells, Vermont to sell, process and package milk, cream, yogurt, cheese, and gelato 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 May 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.

**Vegetable & Berry News**  
*continued from page 10*

and spinach up and growing. The clear days and relentless winds have sucked all the moisture off the surface of the soil. Even our garlic is looking beat by the drying winds. We reluctantly put in a last-minute series of winter greens crops in our high tunnels and making good money from restaurant and coop sales. Boy, the high tunnels really are a better growing environment than just a single hooped low tunnel for rapid growth this time of year with increasing light. I don't know how or why but we have no thrips, white fly or aphids to speak of. Still we are buying in sachets for our first GH cukes to control spider mites and thrips. Starting our celeriac and leeks in 265 trays and bumping them up saved us tons of room a few months ago and has worked great for timing and space utilization now. Markets getting into the doldrums. By mid-May the indoor winter markets will

be ghost towns as folks put their focus on their gardens, etc.

**Don't Let Greenhouse/Tunnel Aphids Get Ahead of You**

About 30 different species of aphids can be found in greenhouses, depending on the crop. Many species are found on only one, or at most, a few host plants. Aphid species commonly found in greenhouses and tunnels include: green peach aphid, melon/cotton aphid, foxglove aphid, and root aphid. Both predators and parasitoids can be used as biological control agents for aphids in greenhouses. Aphid predators include ladybird beetles, lacewings, and predatory midges. Aphid parasitoids include Aphidius colmani for green peach aphid, and Aphidius ervi or Aphelinus abdominalis for foxglove or potato aphid. Some biological control suppliers sell mixtures of parasitoid species, which may be useful if several

aphid species are present. In general, parasitoids are more effective than predators in reducing aphid populations, although parasitoids may fail to provide acceptable control under warm conditions or at times when aphid populations tend to increase rapidly. Banker plants may be useful in controlling aphids and reducing the costs of applying pest controls. Early detection and accurate identification are key to managing aphids in greenhouses. For detailed information on aphid species, and aphid natural enemies, banker plants and more, see: <https://ag.umass.edu/fact-sheets/aphids-on-greenhouse-crops>

**Scout Your Blueberries For Mummyberry Disease**

This is the time of year to get ahead of mummyberry disease, which can sneak up on you if you don't pay attention. Forsythia bloom is a good indicator of when to look for the mummy berry fungal cups that form from the mummified berries on the ground; this is also the green tip bud stage of blueberries. As with most diseases, mummyberry management is much easier if detected early, before it becomes widespread in a

planting. Mummyberries look like little black pumpkins; they may still be hanging on the plant or may be partially embedded in the soil or under leaf litter. When they germinate they develop spore-producing fungal cups (apothecia) which look like small brown trumpets coming out of the mulch or soil. It is advisable to scout for these where you had a lot of mummyberry and in wet areas and areas close to the woods. If you had mummyberry last year, then you should plan to spray for this disease as buds break. Physically disrupting the soil will also help, as will a dormant spray of lime sulfur. Ground sprays of urea have been shown to burn the developing fungal cups. For more information on scouting for and managing this disease: [http://msue.anr.msu.edu/news/scouting\\_and\\_management\\_of\\_mummy\\_berry\\_in\\_blueberries](http://msue.anr.msu.edu/news/scouting_and_management_of_mummy_berry_in_blueberries)

**On-Farm Irrigation Workshop May 18**

Come to River Berry Farm in Fairfax VT from 3-6 pm on May 18 to learn about how to install or improve drip irrigation systems. Efficient systems are becoming increasingly important given weather

extremes and food safety concerns. Trevor Hardy of Brookdale Fruit Farm (and Farm Irrigation Supplies) in Hollis, NH, will walk us through the basics of irrigation in the field and greenhouses. Specific topics will include: Design, layout, and component selection; Determining water requirements and irrigation scheduling; Operation and maintenance of your system; Fertigation for efficient nutrient applications. For more info [Joshua.Faulkner@uvm.edu](mailto:Joshua.Faulkner@uvm.edu) or 802-656-3495. Individuals requesting a disability-related accommodation to participate in this program should contact Cheryl Herrick at 802-656-5459 by April 28. The workshop is free; to register go to: <https://www.eventbrite.com/e/on-farm-irrigation-workshop-tickets-24426819274>

**Farmers Sought For Health Insurance Study**

As part of a four-year USDA funded grant, the Health Insurance, Rural Economic Development and Agriculture (HIREdAg) research project aims to understand the unique health insurance needs of farm and ranch families (<http://www.hirednag.net/>). We are in the process of recruiting farmers and ranchers in 10 states to participate in our research interviews, discussing experiences with health insurance and the farm enterprise. Participants will receive \$200 over the course of two confidential phone interviews. If you are interested in participating in the research study or would like more information, contact us at: [katlyn.morris@uvm.edu](mailto:katlyn.morris@uvm.edu), (802)-656-0257.

**For Immediate Release**

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: Kirstin Quesnel of Cornwall, Vermont to process and package and sell milk, yogurt, butter 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 May 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.

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# Shat Acres Highland Cattle Named the 2016 SBA Vermont Family-Owned Business of the Year

By Hannah Reid, VAAFM

Originally born in Tuscaloosa, Alabama, Janet Steward met her husband Ray Shatney in 2001. Ray was born and raised in Greensboro Bend where he and his parents resided on a rocky hillside farm, surrounded by a herd of majestic Highland Cattle. Together, Janet & Ray began to build the family business utilizing the only resources they had available—Ray's work ethic, expertise with animal husbandry and machinery, Janet's public relations and marketing skills, and a small herd of Highland Cattle which produce what has been called the best steak in the world.

Highland Cattle are a Heritage Breed that has remained unchanged for thousands of years. Highlands have never been a commercial breed due to slow growth, heavy hides and long horns. Their slow growth precludes them being economically competitive, their horns and territorial instincts prevent feedlot farming. For these reasons few people sell Highland beef. Ray & Janet cross-breed their Highlands with Beef Shorthorns for hybrid vigor and to produce faster growing animals yielding a larger amount of beef, while maintaining the unique traits of Highland beef. Janet and Ray also maintain a number of purebred Highlands for breeding stock. Their herd now numbers 170.

"Shat Acres Highland



Cattle and Greenfield Highland Beef were built on a foundation of modeled on the moral tenets of Ray's and my ancestors and our dedication to honoring and respecting our animals, our

land and our customers," said owner Janet Steward. "We are honored to have been recognized, and particularly proud that a cattle farm has been included in this business award."

Janet Steward and Ray Shatney

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(no sodium nitrite; does include nitrates from celery juice and sea salt)



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