

# AGRiVIEW



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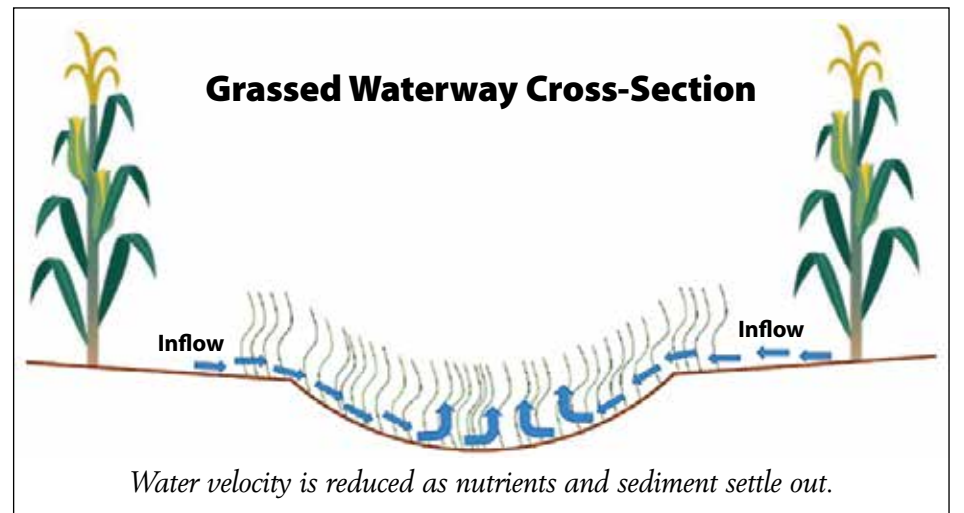
## Grassed Waterways: An Effective Water Quality Strategy

By Jeffrey Sanders, UVM Agronomy Outreach Specialist.

While grassed waterways are nothing new in the world of soil erosion and water quality, their adaptation in the Northeastern United States lags far behind counterparts in other parts of the United States. In the Midwestern corn belt where memories of the dust bowl and the severe erosion problems of the past are still in memories and family histories, the idea of taking care of erosion issues decisively and effectively are evident everywhere on the landscape. We do not want the devastating loss of topsoil the Midwest experienced to be our fate in Vermont. A plane ride over any corn belt state will provide

ample evidence of the efforts to mitigate soil leaving fields through the implementation of different practices. The one that is highly visible and effective is grassed waterways.

A grassed waterway is a simple structure designed to absorb energy from moving water while holding soil from eroding in areas where water is prone to moving in concentrated flow across crop fields. The idea is that you fill gullies and flatten out slopes in an effort to remove energy from i.e. slow down the water as it moves across the field. This area is then seeded down and left in a permanent state of vegetation. The vegetation acts to hold soil particles from being mechanically lifted and moved off fields while also helping to reduce the speed of the water so



it has less ability to cause erosion. A well designed and implemented grassed waterway will keep water from moving down slope without concentrating the flow into a stream. It will move the water off the field without allowing it to pick up

enough energy to move soil. Grassed waterways have been found to be very effective at reducing erosion in high risk locations on crop fields.

While the idea of “giving up” productive ground to install a

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# AGRiVIEW

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# Agriculture: Critical to Our Communities, Our Economy, and Our Landscape

By Chuck Ross,  
Secretary, Vermont Agency of  
Agriculture, Food, and Markets

**A**griculture is critical to our communities, our economy, our landscape, and our way of life here in Vermont. As Vermonters, we have grown accustomed to a vital and robust agricultural lifestyle. But when I leave our state, in my travels as Secretary of Vermont's Agency of Agriculture, Food, and Markets, I am always reminded that our local agriculture here in Vermont is special, and serves as a model for others.

Take our Farm to School program, for example. Today, 83% of Vermont students are engaged in Farm to School curriculum in their classrooms, cafeterias, and communities, compared to 42% nationally. We are creating opportunity for local farmers by serving healthy, local foods in our

schools, while also providing kids access to nutritious meals and building their agricultural literacy. Our statewide Farm to School network just set the ambitious goal of providing nourishing universal meals to all Vermont students within the next ten years, purchasing at least 50% of that food from a socially just and environmentally and financially sustainable regional food system. Not only are we leading, but we are constantly pushing ourselves to do more, and do better.

Dairy is the backbone of our agricultural economy. It constitutes 70% of our agricultural sales, and 80% of total agricultural land. We are a small state, but we produce 63% of the total milk in New England. And yet the dairy industry is struggling because of persistent low prices, due to a complex and convoluted national pricing system, over which our hardworking dairy farmers have no control. Farmers must be paid a viable price for their milk. While the organic model is part of the solution, it is not the only solution. The recent proposed purchase of WhiteWave, the largest organic dairy brand in the country, by an international conglomerate, speaks to the fact that the organic market may not be immune from the consolidation we have seen plague the conventional processing market.

Despite challenging economic times for the industry, dairy in Vermont continues to be an important part of the fabric of Vermont. With over 15% of the total acres in Vermont dedicated to dairy farming, it is critical to our landscape. Our farms are growing more efficient and more sustainable, with a focus on stewardship and conservation, and producing quality products. Our cheesemakers are a force to be reckoned with nationally – this year Vermont took home fifteen blue ribbons from the American

Cheese Society, as well as nine 2nd place and ten 3rd place finishes. We have more methane digesters per capita than any state in the country. Our dairy farmers are actively engaged in protecting water quality, soil building, energy production, nutrient removal, and marketing the Vermont brand. These are part of the path forward for Vermont dairy and Vermont agriculture writ large, and are good for our economy, environment, consumers, and brand.

All food, farm and forestry businesses play a critical role in our economy and our working landscape. Since Governor Shumlin took office, Vermont has added more than 5,100 new jobs in the farm and food sectors. Our agency has supported this growth through key initiatives, from working with institutional food purveyors to add local food to the menu at our colleges and in our correctional facilities, to furnishing technical assistance to dramatically increase the number of in-state meat and dairy processing facilities. We have provided grants and guidance to open new markets for local businesses, created networks for best practice sharing among producer organizations, and promoted the Vermont brand across the nation, and around the world. Everywhere we go, we are reminded, once again, that our reputation for quality food and farm products is unparalleled.

We have much to be proud of, but there is still work to do. We must continue to address agriculture and food system illiteracy and expand access to healthy food. Today, too few people understand where our food comes from, how its produced, who produces it, and what the choices and actions are required to produce food. We need to shift our priorities so that all of agriculture is understood and recognized for the critical role it plays in community health. Vermont is a leader in this

regard but we must do better and more, as food insecurity and food related illnesses still haunt us here in Vermont, our region, and country.

We must also build upon, and continue to leverage, our great Vermont brand. There are millions of customers to our south who know and want Vermont products. We need to increase our efforts to connect these consumers with our outstanding farmers and food producers.

To that end, we must also support the current generation, and attract the next generation, of farmers, food entrepreneurs and innovators who understand that farming and food careers are exciting, rewarding and meaningful to our collective future. We need people who can make important contributions to our future challenges, ranging from nutrition, food security to climate change.

As I look toward the future, I have no doubt the future of agriculture in Vermont will be very bright. Vermont is on the cutting edge of community supported agriculture – we must maintain the momentum. Over the course of the past six years, I have been consistently impressed by the women and men engaged in Vermont's food system. On our farms, in our schools, at our food hubs, here in Montpelier and across the state – some of Vermont's best and brightest minds are at work advancing local agriculture and our role as a regional and national leader. There is tremendous opportunity for growth in this sector, and I truly believe we are poised to seize it. For our communities, for our economy, for our landscape, and for future generations, we must do all we can to support Vermont agriculture.

*Chuck Ross has served as Vermont's Secretary of Agriculture, Food, and Markets since Jan. 2011. He resides in Hinesburg.*

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# Agency of Ag Announces Statewide Agricultural Clean Water Initiative Grant Program

By Ryan Patch, VAAFM

The Vermont Agency of Agriculture, Food & Markets (AAFM) is pleased to announce the first ever Request for Proposal (RFP) for the Ag Clean Water Initiative Program (Ag-CWIP). This grant program is made possible and supported by the Clean Water Fund—a fund created by Act 64 of 2015, Vermont's Clean Water Act.

"This program is an exciting new opportunity for the agricultural community in Vermont," said Chuck Ross, Secretary of Agriculture. "It will help support the farmers and organizations who have embraced the call for clean water, and will enable



them to enhance and expand programming to provide education, outreach and implementation on farms throughout all of Vermont."

The Ag-CWIP will provide new funding opportunities for farmers,

nonprofit organizations, regional associations, and other entities for the development and implementation of locally-led agricultural water quality programs and projects. Funds will be available in three distinct categories—though organizations may submit applications in more than one category—including:

- Education, Outreach and Implementation
- Organizational Development
- Innovative Phosphorus Reduction Activities

Laura DiPietro, Deputy

Director of the Ag Resources Management Division at AAFM, expanded "One focus of this RFP is Innovative Phosphorus Reduction Strategies—we know there are watersheds where significant advances need to be made to meet water quality standards, and this program will help jumpstart and expand new strategies to meet these goals." DiPietro continued, "It's important to note that AAFM currently has an additional \$1.8 million available in traditional Best Management Practices (BMP) Program funding for 2017—the BMP program provides technical and finan-

cial assistance directly from AAFM to farms to implement conservation practices on farms. This Innovative Phosphorus Reduction RFP is meant to cultivate new and more effective ways of meeting water quality standards on farms."

For the complete RFP documents, please visit: <http://agriculture.vermont.gov/water-quality/farmer-assistance/ag-cwip>

Applications for this program are due by 4:00pm on November 3, 2016.

All applications must be submitted electronically to: [AGR.PhosphorusRFP@vermont.gov](mailto:AGR.PhosphorusRFP@vermont.gov).

## For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: North Meadow Farm, LLC. of Manchester, Vermont to process, package and sell cow'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 November 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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- Rodney Graham  
Graham Farms Maple

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# Vermont Farm to School Leaders Celebrate Farm to School Awareness Month

## *New Grant Funding for Universal Meals Announced*

By Ali Zipparo, VAAFM

In honor of Farm to School Awareness Month, which began October 1st, the Vermont Agency of Agriculture, Food & Markets (VAAFM) gathered together with Vermont Farm to School leaders on Thursday, September 27th at Winooski School District to celebrate the impacts of Farm to School programming and to announce new grant funding for Universal Meals in Vermont schools. Among the celebrants were Secretary of Agriculture Chuck Ross, State Senators Sirotkin and Zuckerman, Winooski Schools Superintendent Sean McMannon, Farm to School partners, teachers, students, and administrators. Following the celebratory remarks, event attendees were treated to a “local food taste test” featuring Nepalese and Somali cuisine served by Winooski students.

Since 2007, the Vermont Farm to School Grant Program has awarded over a million dollars to more than 100 schools throughout the state to facilitate the integration of local foods in school cafeterias, classrooms and communities, impacting roughly 30 % of all schools in Vermont. Agriculture Secretary Chuck Ross announced more than \$130,000 in funding available to Vermont schools in 2017 to support:

- Planning and develop-

ment of new Farm to School Programs

- Expanding existing Farm to School programs, or
- New for 2017 - Transitioning eligible schools to a universal meals program, which enables schools to offer all students fresh, healthy meals at no charge

“Vermont is a national leader in Farm to School programming,” said Vermont’s Agriculture Secretary, Chuck Ross. “Our schools spend nearly 1 million dollars a year on locally sourced foods, and we are taking the lead again today as we announce the integration of funding for Universal Meals in our Farm to School Grant Program. Farm to School Programs help build a culture of ‘Ag Literacy’ in our schools and communities. These programs are an essential part of building the connection between agriculture and the next generation of Vermonters, while also teaching our students to make healthy choices and ensuring food access for all. Additional support for Universal Meals will allow our schools to expand their depth and breadth of their programming, providing more Vermont students with fresh, local foods every day.”

“The benefits of universal school breakfast and lunch are well-documented,”



according to Anore Horton, Nutrition Initiatives Director at Hunger Free Vermont.

“Class participation increases, readiness to learn increases, school nurse visits decrease, behavioral referrals decrease, and school meal program finances improve. Vermont legislators recognized these many benefits, and have acted to help more schools transition to a universal model and gain these benefits for their students. We applaud them!”

The event also served as an opportunity to highlight new research from the

Vermont Farm to School Network which explores the economic impact of local food purchases made by Vermont schools. Among other data points, the research indicates that every dollar spent on local food by Vermont schools contributes an additional sixty cents to the local economy. This research was conducted by the University of Vermont Center for Rural Studies and funded by the Vermont Community Foundation.

For more information about the Vermont Farm to School Grant Program or to

download the Request for Proposals (RFP), visit: [http://agriculture.vermont.gov/producer\\_partner\\_resources/funding\\_opportunities/vaafm\\_funding/farm\\_to\\_school](http://agriculture.vermont.gov/producer_partner_resources/funding_opportunities/vaafm_funding/farm_to_school)

All Vermont schools, consortium of schools, and school districts are eligible to apply for Farm to School funding. Eligibility for Universal Meals funding may vary. Program applications must be submitted online through the WebGrants system no later than October 28, 2016.

Vermont Farm to School Grant Program is made possible by collaboration between the Vermont Agency of Agriculture, Agency of Education, Department of Health, and the Vermont Farm to School Network.

If you have questions about Vermont’s Farm to School program or the 2017 funding, contact Ali Zipparo at 802-505-1822, or [Alexandra.Zipparo@vermont.gov](mailto:Alexandra.Zipparo@vermont.gov).



*Winooski Students treat event attendees to a “local food taste test” featuring Nepalese and Somali cuisine. Students in order from left to right: Ayoob, Maymuna, Ana, Eric.*

# Vermont Agency of Agriculture Awarded \$500,000 to Develop Produce Safety Program

*Vermont Program Represents Commitment to Educating Before and While Regulating*

By Kristina Sweet, VAAFM

On September 9, 2016, the United States Food & Drug Administration (FDA) awarded the Vermont Agency of Agriculture, Food & Markets \$500,000 to develop a Vermont State Produce Safety Program. The award will support Vermont in its collaboration with FDA to cooperatively implement the Food Safety Modernization Act (FSMA) Produce Safety Rule. \$500,000 is the first award of a planned five-year, \$3.625 million investment in Vermont's program by FDA, pending Congressional budget allocation.

This award will allow the Vermont Agency of Agriculture to prepare a multi-year plan for a comprehensive produce safety program; establish a Vermont produce farm inventory; develop a strategy for outreach, education, and technical assistance to all Vermont farms that grow covered produce; and develop an inspectional program for farms that must comply with the rule. The Agency will work closely with local organizations, such as the Vermont Farm Bureau, University of Vermont Extension, and other state agencies throughout the Northeast on program development and implementation of outreach, education and technical assistance.

"Vermont's fruit and vegetable growers are an essential



Ben Defflorio - www.deffloriophotography.com

part of our local agricultural economy," said Governor Peter Shumlin. "These funds will enable Vermont to build a produce safety program that protects consumer health, while also addressing the needs of our local, small-scale producers."

Vermont was also selected as a pilot state to assess producer readiness for compliance with the Produce Safety Rule through an on-farm readiness review program that will provide education and technical assistance to growers during the 2017 growing season. "Vermont Farm Bureau looks forward to working with Vermont Agency of Agriculture on FSMA rule implementation," said Vermont Farm Bureau President Joe Tisbert and owner/operator of Valley Dream Farm in Cambridge, Vermont. "We commend FDA for choosing Vermont

as one of the pilot states for developing on-farm education and technical assistance to help producers comply with the Produce Safety Rule."

The Vermont Agency of Agriculture and Secretary Chuck Ross have played key roles in the development of the final FSMA Produce Safety Rule and FDA's approach to educating before and while regulating. The goal of this ongoing effort is to ensure an implementation strategy that is feasible for small-scale diversified agriculture in Vermont and New England reflects the Agency's commitment to protecting the Vermont brand and its reputation for quality.

"FSMA represents an important nationwide investment in food safety," said Secretary of Agriculture, Chuck Ross. "My agency colleagues and I have worked

that meets the needs of Vermont producers and prioritizes education before and during regulation."

The FSMA Produce Safety Rule was finalized in November 2015 and impacts farms and other businesses that grow, harvest, pack, or hold fresh produce. Larger growers will need to comply with the rule in 2018, while smaller growers have additional time to come into compliance.

FDA awarded a total of \$21.8 million to 42 states in Federal fiscal year 2016 to begin implementing the Produce Safety Rule. Vermont will receive the maximum amount for which it could apply based on the number of farms growing fresh fruits and vegetables covered by the rule. To view FDA's news release for the award, visit <http://go.usa.gov/xKeuH>.

For more information about FSMA and Produce Safety in Vermont, visit <http://go.usa.gov/xKeu6> and <http://go.usa.gov/xKeuF>.

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# \$650,000 in Available Grant Funds and Two Innovative New Loan Programs Announced

*Working Lands grants and a new low-interest, payment-deferred loan offer eligible farm and forest product businesses an opportunity to improve infrastructure, process or profitability*

By Noelle Sevoian, VAAFM

The Working Lands Enterprise Board (WLEB) is delighted to announce the opening of this year's grant cycle and the availability of approximately \$650,000 in grants funds for the 2017 program year. Funds support projects across forestry and agriculture that enhance Vermont's communities, economy and culture. Links to the requests for proposals and applications can be found online at <http://workinglands.vermont.gov/apply/rfp>.

In addition to the grant program, the WLEB has created two innovative new loan pilots in partnership with the Vermont Community Loan Fund (VCLF) and the Vermont Economic Development Authority (VEDA) to support working lands entrepreneurs and dairy farms that are transitioning to organic production. Funding for these loan pilots was provided by Charles and Leigh Merinoff, Progressive Farm Alliance, and Long Trail Brewing Company.

The partnership with VCLF has launched SPROUT Deferred Payment Loan Program (SPROUT), a low-interest revolving loan fund that will meet the capital needs of Vermont's working lands entrepreneurs. SPROUT offers deferred-payment, low-interest loans

of up to \$60,000 at 0% with no payments for the first two years, with a 2% fixed rate thereafter. VCLF will also coordinate comprehensive business development and financial planning/management technical assistance for borrowers as needed.

"SPROUT financing will provide a powerful tool for emerging working lands businesses which are facing exciting growth opportunities," says VCLF Executive Director Will Belongia. "There isn't a loan product like SPROUT currently available to working lands entrepreneurs in Vermont. SPROUT's rates and terms will allow

VCLF to extend financing and free technical assistance to businesses that otherwise wouldn't qualify for a VCLF loan. The Working Lands Enterprise Initiative has been an incredible partner in supporting working lands businesses in Vermont."

For more information about the program contact Dan Winslow, VCLF Business Programs Loan Coordinator, at [dan@vclf.org](mailto:dan@vclf.org), or visit <http://www.investinvermont.org/borrowers/small-business/sprout>.

The partnership with VEDA and the Vermont Agricultural Credit Corporation (VACC) will support conventional dairy

farms looking to transition to organic production. VEDA CEO, Jo Bradley, says, "VEDA is especially excited that through its partnership with the Working Lands Enterprise Board and the Vermont Agency of Agriculture, Food and Markets (VAAFM), an attractive new loan option will be made available to Vermont dairy farmers transitioning from conventional to organic milk production." VACC will be able to offer these borrowers interest-free loans with deferred principal payments for up to the first two years, thanks to subsidies being provided by WLEB. By providing these loans, VEDA hopes to help improve the long-term financial viability of dairy farms transitioning to organic production so that they may receive the higher price that organic milk demands in the marketplace.

For more information about the program contact [info@veda.org](mailto:info@veda.org) or visit [www.veda.org](http://www.veda.org).

"Since 2012, the Working Lands Enterprise Initiative has created a vehicle to target funds and technical assistance to capitalize on the quality and brand of Vermont's Working Lands enterprises," says Chuck Ross, Secretary of Agriculture. "New loan pilot programs are an important extension of that work, further leveraging the program's funds, engaging key partners, and

providing a funding option to businesses who may not have otherwise been able to access appropriate capital."

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

The two investment areas are as follows:

## 1. Business Investments:

**\$5,000-\$50,000**

RFP available: 10/3/16

Letter of intent due:

11/9/16 at noon

Applicant notification of acceptance/denial of letter of intent:

late December 2016

Invited full application

due: 2/9/17 at noon

Applicant notification: March 2017

Estimated project start

date: late April 2017

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

*continued on next page*



# Help Increase Consumer Demand in Local Food By Getting Involved with Rooted in Vermont

By Rachel Carter,  
VT Farm to Plate

Vermonters were farming, gardening, fishing, and hunting long before there were craft beers and gourmet burgers. Consumer demand research conducted by the Vermont Farm to Plate Network shows that Vermonters would like to see the local food movement more connected to Vermont traditions and communities.

In order for consumer demand of local food to increase in the state, more Vermonters not already committed to being “localvores” need to feel connected to and engaged in the local food movement. In order for that to happen, we need



to expand how we talk about “local” to include all Vermonter’s entry points to local food.

Rooted In Vermont is celebrating everyone’s unique connections with local food: from growing or raising food to buying it from the neighborhood farm stand or market; from hunting and fishing to dining at a restaurant in town; from enjoying Vermont products in the great outdoors to cooking with friends and family at home.

Rooted in Vermont is a new social media initiative organized by the Vermont Farm to Plate Network to

celebrate how Vermonters enjoy local food. Launched in July, Rooted in Vermont already has thousands of Vermont fans on Facebook, Twitter, and Instagram.

If you, your farm, or business uses social media, you can get involved by:

- FOLLOW and LIKE the Rooted in Vermont social media channels:
  - [www.Facebook.com/RootedinVermont](http://www.Facebook.com/RootedinVermont)
  - [www.Twitter.com/RootedinVermont](http://www.Twitter.com/RootedinVermont)



- [www.Instagram.com/RootedinVermont](http://www.Instagram.com/RootedinVermont)

by sharing how they enjoy local food.

- On FACEBOOK: Post photos, articles or videos to your Facebook page about how you enjoy local food and tag @RootedinVermont.
- On INSTAGRAM and TWITTER, use the hashtag #RootedinVermont to tag your photos or videos about how you enjoy local food. You can also browse the hashtag to explore how other folks identify being Rooted in Vermont

If you DO NOT use social media, you can still help!!!

- Tell your family, friends, and neighbors about Rooted in Vermont and have them check out Rooted in Vermont on Facebook, Twitter, or Instagram – whatever type of social media they use.

How are YOU Rooted In Vermont? Join this growing community and share your Vermont food roots!

## Working Lands Grants continued from page 6

new systems or technologies or developing innovative solutions).

### 2. Service Provider

#### Investment:

**\$15,000-\$75,000**

RFP available: 10/17/16

Letter of intent due:

12/2/16 at noon

Applicant notification of acceptance/denial of letter of intent:

late January 2017

Invited full application due: 3/7/17 at noon

Applicant notification: April 2017

Estimated project start date: late May 2017

Projects should demonstrate direct impact

on Vermont Working Lands businesses. Types of technical assistance provided may include: market development, marketing plans, and sales; business and financial planning; succession planning; access to capital; manufacturing efficiencies or process flow.

*The Working Lands Enterprise Initiative, (Act 142), is administered by the Agency of Agriculture, Food and Markets in partnership with the Vermont Department of Forests, Parks & Recreation and the Vermont Agency of Commerce and Community Development. The Working Lands funds are administered by the Vermont Working Lands Enterprise Board*

*(WLEB), an impact investment organization whose mission is to grow the economies, cultures, and communities of Vermont's working landscape by making essential, catalytic investments in critical leverage points of the Vermont farm and forest economy, from individual enterprises to industry sectors.*

*The Vermont Agency of Agriculture, Food, and Markets facilitates, supports and encourages the growth and viability of agriculture in Vermont while protecting the working landscape, human health, animal health, plant health, consumers and the environment.*  
[www.Agriculture.Vermont.gov](http://www.Agriculture.Vermont.gov)

  
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## Grassed Waterways

*continued from page 1*

conservation measure seems foreign to many landowners in the Northeast, it shouldn't be. You can tell easily where grassed waterways would be an effective tool in a landowner's toolbox for keeping soil on their fields. Wherever you have gully erosion, not much is growing and it is wet and rough (from eroding topsoil), a grassed waterway may be able to fix your issue. The productive ground in many cases is not all that productive because soils tend to be saturated with frequent water inundation which can prohibit quality crop growth.

In many cases grassed waterways do not need to be much wider than 20 feet depending on the situation. The benefit to your field, equipment, and the environment easily offset any yield loss from not cropping that area. Also, in some cases you could install grassed waterways wide enough to crop. For example, a perennial forage could be seeded using a design which would allow



*Before (left) and after construction of grassed waterway, showing an ideal stand of a conservation mix.*



the farmer to turn equipment within the boundaries of a grassed waterway. The idea is not that you need tall vegetation but that you need a sod base or other vegetation with a good root system to help hold the soil. If you are looking for the motivation to install one, but to date have just kept filling in that gully every spring, keep a few considerations in mind.

Here in Vermont with new regulations passed under Act 64, it is a violation of the law to have soil leaving fields in concentrated areas and entering waters of the state. More importantly, it makes no business sense to allow

this to happen. The top six inches of top soil on your farm is the most important asset you have, so why let it leave your farm? You have fertilized and cultivated the soil to grow your crop for your business. Letting it go down the ditch is just bad business.

Furthermore, soil erosion creates sedimentation problems in ditches and creates additional work in the field to fill in gullies with more topsoil in an effort to prepare the field for planting. If you think about the zone of influence, where the concentrated flow of water is causing problems on your field, it is prob-

ably larger than the entire grassed waterway would be. The amount of area you need to cover with soil "pulled" back into the gully to repair it just to have it wash out again is no doubt larger than the area of a grassed waterway, which would cure the problem.

Installation of grassed waterways is a very cost effective method of addressing soil erosion on crop fields. Many farmers already have the necessary equipment to move and shape the soil so that the grassed waterway will perform adequately. In many cases a box blade and a Billion seeder will make short work of a grassed waterway project depending on scale. For larger gully erosion control, bulldozers are effective tools to move, shape, and level the contour. Typical construction of a grassed waterway takes between one to two days. NRCS has sample designs and job sheets that can guide a farmer through the installation for installing a grassed waterway without government assistance. Google "NRCS grassed waterway design" and click on Engineering Field Tools (EFT) for more information or go to this webpage: <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/>

[technical/engineering/?cid=stelprdb1186070](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/technical/engineering/?cid=stelprdb1186070).

Grassed waterways following NRCS design are built to have an average lifespan of 10 years and require little annual maintenance. NRCS and the Vermont Agency of Agriculture Food & Markets (through its Best Management Practice (BMP) grant program) can also provide financial assistance. Keep in mind, this may require a more detailed engineering effort depending on the project, but funds are available.

The Farmers Watershed Alliance grant was awarded a grant from the Lake Champlain Basin Program\* to install three grassed waterway projects in the summer of 2016. These structures were constructed and farmers are very happy with the results. The farmers were actively involved with the projects and worked with their selected contractors to ensure the installations were done in a manner that they could work with. As the farmers are experiencing, it actually is a common sense solution to a common problem on many Vermont fields.

Picture: Before construction of grassed waterway showing accumulation of snow in sloped area of field.

*continued on page 9*



*UVM Extension helps individuals and communities put research-based knowledge to work.*

### UVM Extension Farm Business and Budget Clinics

- ★ 9 locations throughout the state
- ★ Several dates available in October
- ★ Morning and afternoon appointments offered

Reserve a 1½ hour, private appointment with a farm business specialist! Would you like to update financial statements, review a business plan, consider changes to the business?

Farms planning for changes to meet new water quality regulations can use this time to assess business factors related to new practices and new investments.

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

*Individuals requesting a disability-related accommodation to participate in this program should contact Christi Sherlock at 1-866-860-1382, at least two weeks before your appointment.*

University of Vermont Extension, and U.S. Department of Agriculture, cooperating, offer education and employment to everyone without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or familial status.

# SBA Economic Injury Disaster Loans Available in Vermont

*As a Result of Disaster Declaration for Small Businesses Affected by Drought*

By Michea Lampton, U.S.  
Small Business Administration

The U.S. Small Business Administration recently announced that federal economic injury disaster loans are available to small businesses, small agricultural cooperatives, small businesses engaged in aquaculture and most private non-profit organizations of all sizes located in the counties of Bennington and Windham in Vermont as a result of the drought that began on July 5, 2016.

"These counties are eligible because they are contiguous to one or more primary counties in Massachusetts. The Small Business Administration recognizes that disasters do not usually stop at county or state lines. For that reason, counties adjacent to primary counties named in the declaration are included," said Frank Skaggs, director of SBA's Field Operations Center East in Atlanta.

"When the Secretary of Agriculture issues a disaster

declaration to help farmers recover from damages and losses to crops, the Small Business Administration issues a declaration to eligible entities affected by the same disaster," said Frank Skaggs, director of SBA's Field Operations Center East in Atlanta.

Under this declaration, the SBA's Economic Injury Disaster Loan program is available to eligible farm-related and nonfarm-related entities that suffered financial losses as a direct result of this disaster. With the exception of aquaculture enterprises, SBA cannot provide disaster loans to agricultural producers, farmers or ranchers. Nurseries are eligible to apply for economic injury disaster loans for losses caused by drought conditions.

The loan amount can be up to \$2 million with interest rates of 2.625 percent for private non-profit organizations of all sizes and 4 percent for small businesses, with terms up to 30 years. The SBA

determines eligibility based on the size of the applicant, type of activity and its financial resources. Loan amounts and terms are set by the SBA and are based on each applicant's financial condition. These working capital loans may be used to pay fixed debts, payroll, accounts payable, and other bills that could have been paid had the disaster not occurred. The loans are not intended to replace lost sales or profits.

Applicants may apply online using the Electronic Loan Application via SBA's secure website at <https://disasterloan.sba.gov/ela>.

Disaster loan information and application forms may also be obtained by calling the SBA's Customer Service Center at 800-659-2955 (800-877-8339 for the deaf and hard-of-hearing) or by sending an email to [disastercustomerservice@sba.gov](mailto:disastercustomerservice@sba.gov). Loan applications can be downloaded from [www.sba.gov/disaster](http://www.sba.gov/disaster). Completed applications should be mailed to: U.S. Small Business Administration,

Processing and Disbursement Center, 14925 Kingsport Road, Fort Worth, TX 76155.

Completed loan applications must be returned to SBA no later than May 22, 2017.

## For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: Materne North America Corp. of New York, New York to sell retorted yogurt products 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 November 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.

## Grassed Waterways

*continued from page 8*

\*This project was funded by an agreement awarded by the Great Lakes Fishery Commission to the New England Interstate Water Pollution Control Commission in partnership with the Lake Champlain Basin Program. NEIWPCC manages

LCBP's personnel, contract, grant, and budget tasks and provides input on the program's activities through a partnership with the LCBP Steering Committee. The viewpoints expressed here do not necessarily represent those



of NEIWPCC, the LCBP Steering Committee, or GLFC, nor does mention of trade names, commercial products, or causes constitute endorsement or recommendation for use.



## Brighten Up the Barn this Fall



Offer available through December 31, 2016

Efficiency Vermont

Get up to \$150 cash back per fixture on LED lighting, and save up to 75% on lighting costs compared to incandescent bulbs.

Download a rebate form:  
[www.efficiencyvermont.com/rebates](http://www.efficiencyvermont.com/rebates)

## VERMONT VEGETABLE AND BERRY NEWS



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

## Reports From The Field

(Westminster West) Hectic time of year getting crops in and shipping out! Our first year growing sweet potatoes was successful and I plan on expanding quite a bit. Set out our first planting of strawberry plugs for next spring picking, excited by new crops. Fall carrots, beets, turnips and leeks look real nice and sales are picking up weekly with cooler weather. Still picking tunnel tomatoes as well as raspberries. Finished running onions thru topper and sales are good. Squash backed up a bit but hopefully they will pick up. Fields limed and seeded to winter rye, getting too late for oats and peas. Garlic going in soon. Staff attrition taking its toll.

(Berlin) Perfect Circle Farm. Working hard to get the fall berry plantings in the ground and the container nursery all ready for winter, perfect weather for this. Will not be overwintering as many plants in containers above ground as the lack of snow last year caused massive losses. I have a great idea now which plants can

survive low snow conditions in pots. The drought was difficult to go through, we had to drill a well as the brook we irrigate the container nursery from ran dry in June. In the field we were lucky as our Cabot soils hold water, and establishment and growth on the shrubs and trees was good. Finally able to get the compost program kicked in, beautiful manure from Pete and Jerry's. Next step is deer management, as they are pounding the bush cherries and seaberries pretty hard. Been hesitant to line out the apple trees until I figure that system out. Our seed crop of industrial hemp did very well, and we will have seed for sale coming up.

(Plainfield) Irrigating fall cabbage, late carrots, kale and rutabagas. Odd to be dry this so late in the season. Greenhouse Romas and cherry tomatoes just about done. Time to do the work of clearing out the vines and transitioning to overwintered spinach. Hoop houses continue to be a profit center. Getting winter rye and vetch on the fields as we finish up. Still spraying for cabbage moth, primarily in collards and Chinese cabbage.

(Richmond) Due to the dry spring and summer our fall raspberries grew very slowly, leaving the rows

with more weeds than usual. We were not open for PYO until Sept. 2, two to three weeks later than usual. SWD also came just as they were ripening. We still had about the same amount of customer traffic as last year, but still about half the berries were infested by SWD. We've chosen not to spray; most people appreciate that. I had only one person leave due to larvae in berries. Most people don't mind dealing with it. We do keep wondering if it's worth continuing with the raspberries.

(Rochester) The fall raspberry season is still going strong. All varieties have produced very well, even Nova has begun to give us a fall crop, and before the end of September. The dry conditions have been a real help in keeping down mold and SWD pressure. We have drip irrigation throughout the planting and our wells are holding up OK. With nights falling into the 40s now we are seeing almost no SWD damage; cooler temperatures apparently slow the pest down and we are able to pick the ripe fruit before it does its damage.

(Charlotte) We are cleaning up for winter and clearing out beds and removing unwanted brush. We have a nice crop of

blackberries this year. A little later than expected, but the weather is cooperating. Had a bear visit us, but he hasn't been back and luckily didn't damage the berry bushes, so far.

(Northfield) We rested a high tunnel from tomatoes and planted sweet potatoes there this year (according to some in the know not necessarily a lucrative enough crop to justify such real estate). Found a disappointing amount of vole damage, especially on sections of some tubers which grew above the soil. Perhaps the slips were planted too proud? And found an astounding stash of cover crop seed: a rodent cave pantry. We dug into a hoop house raised bed where approximately five pounds of oats and peas were stored under the dense sweet potato foliage. These seeds were apparently hauled from a nearby (100 feet away) field. Also having trouble with mice eating tomatoes in the farm stand.

(Brookfield) Pumpkins down 35%. No white pumpkins, no Blue Hubbard, very little Buttercup; lots of Butternut, Acorn and Delicata. Potatoes smaller but waiting for the skin to harden for storage. We have 40 plus wild turkeys, more than we usually have, and they for the first time have

done real damage. Yes we are dry.

(Hampton NY) Just when I think It's all done, the garden gives me some more. The tomatoes, yellow zucchini, peppers, and patty pans produced another bushel and a half for the stand. I also harvested three more watermelon. It looks like next week I will have more Delicata and Speckled Pup squash. Kale is doing wonderful and really liking the cooler evenings. Broadcasting the cover crop this year is not going to work as the chickens keep eating the seed. What I really need is a small set of cultivators that could be pulled behind the 4-Wheeler. I am already planning the 2017 garden and looking forward to winter.

(Little Compton RI) The drought in our part of New England has finally broken with weather systems coming up from the south. Our fall cole crops are rebounding from near death after extreme efforts to keep them limping along till the weather broke. None the less our total cole crop acreage has been cut in half. We walked away from over 8 acres of crops since June 1st! This year was a big education on how to handle drought. One lesson was understanding the effects reduced water will have on crops like celeriac. We thought we did a good job keeping the crop hydrated and the plants actually sized up very nicely, but our recent harvest has 45% hollow heart! This is a big problem since one can't tell from outward inspection which ones have it and which don't. Next time we

*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.

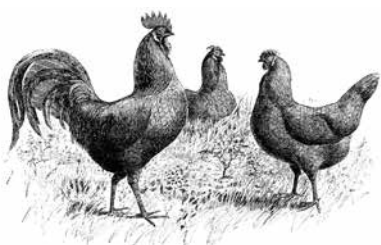
## Vermont Egg Prices:

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:

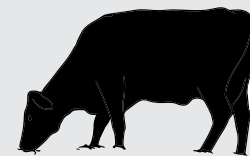
VT Agency of Ag-USDA  
New Holland-Lancaster County, PA

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](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 &amp; Honey

Honey: \$22/qt; propolis tincture: 2 oz. /\$16; fresh frozen pollen: \$28/qt. -18 MacLean Rd. ALSTEAD, NH Charles Andros [lindenap@gmail.com](mailto:lindenap@gmail.com) 603-756-9056 (10/16)

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

## Cattle

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

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

Breeding bulls red Angus highland cross gentle, fence trained, look good choice of 2. \$1500 obo highland

cow been running with bulls \$1200. 802-223-2813 (10/16)

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

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

## CLASSIFIEDS

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

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

15 Heritage Dutch Belted Heifers, ages/sizes 7mons. \$500, yearling's \$600-700, 1.5 yr bred \$650-750. Efficient cows for grass based dairies that produce great tasting, A2 milk that customers enjoy. Winchester, NH 603 239-4397 or sarah@manninghillfarm.com (10/16)

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

### Deer/Cervid

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

### Employment

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

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

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

New Holland 892 chopper both hay and two row corn heads. International NO 56 silo blower short hopper with auger feed. 802-372-4513 (11/16)

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

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

Teamster 2000 ground drive pto cart ground drive pto hydrolic 3point hitch bench seat 3pt tool bar pole and 3horse hitch adaptor runs pto driven equipment \$3000 operator manual and original promo video Putney VT 802 387 4412 (10/16)

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

New Holland 408 Discbine Mower Conditioner, \$6,250 New Holland 565 Baler,

\$7,000 EZ Trail Hay Wagon, \$3,500 Pequia Hay Wagon, \$2,500 1-802-728-9102 (10/16)

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

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

Two Diller Wagons for round bales, 28' long by 7'4 ft. wide \$3,500 each. Wagons can also be used with Green Chopper. Dummerston, Vermont 802-254-4634 (10/16)

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. muellar 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 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 (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)

### 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)

Farm for Sale or Lease in Pawlet - 168 acres - 50 and 54 acres cropland and pasture. Houses and farm infrastructure. Land protected by conservation easement and ag option. VLT seeks buyers to farm commercially. \$350,000. (802) 533-7705 www.vlt.org/bryant-farm (11/16)

### General

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

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

10 to 11 grain bin. 11 to 12 grain bin good shape. 9 horse power motor completely rebuilt. 86 hay elevator 4 row corn platter. 802-489-4481 or

895-4683 (19/16)

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

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

### Goats

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

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

AlpineGlo Farm is offering 2 alpine dairy doelings for sale as well as several bucks ready to breed this fall. All of our stock is ADGA registerable, disbudded, and vaccinated. Superior genetics including, Roeburn's, Mamm-Key, Missdee's and Kickapoo Valley bloodlines. Prices ranging from \$275-\$400. Follow us on Facebook, visit www.alpineglofarm.com, or call Rachel at 802-463-2018 for specific details. (10/16)

### Hay, Feed & Forage

Winter rye, small straw bales from this winter rye crop, frozen & fresh elderberries, all organic. Thornhill Farm, 198 Taylor Road, Greensboro. Barn: 802.533.9888. Todd Hardie. todd@thornhillfarm-vermont.com (10/16)

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

100 round bales, good first cut

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)



\$200. Two Grammas Farm, Richmond, 802-734-8456 (10/16)

1 small flock tame sheep. Border Leicester, Suffolk < Southdown crosses, Bennington. 802-375-5795 (11/17)

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 Romneys 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, fleuryrmaple@hughes.net. (11/16)

### Wanted

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

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

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

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)

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)

### 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)

### ORLEANS COUNTY

North Troy certified organic large dry and large wrapped round bales. Also haylage in ag bags. Conventional large dry small square and wrapped round bales also haylage in ag bags. 802-988-2959 or 802-

274-2843 (10/16)

### RUTLAND COUNTY

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

### Horses & Other Equine

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

### Horse Equipment

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

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

### Vegetable & Berry News

*continued from page 10*

will give up on that crop earlier, as irrigation water should have been better spent on a sure bet like carrots or beets. Winter Growing: we are simplifying our offerings and have already started planting out our houses. #1 rule no head lettuce after December 10th. After that only Salanova and baby romaines.

(Plainfield NH) Fall harvest continues with field and greenhouse tomatoes in as nice as shape as they ever have been at this time of year. Fall cucumbers and summer squash got the mildews when I let my guard down. Onion crop is down a bit in size and volume and carrots that were not in easily irrigatable areas did not fare so well.

Planted our potatoes on our heaviest land this year, just because the rotation called for it and we lucked out. Not a remarkable crop because of the moisture levels, but a crop none the less. The unseasonably warm and dry weather is helping in the fall harvest at a time when labor is short. Watching hurricane Matthew in hopes that it doesn't make extra work for the rest of the fall.

### Survey On Selling Food Outside Vermont

The VT Agency of Agriculture is working on the development of a domestic export plan for Vermont's food, wood, beverage and farm products, and would like your input. Only owners or principals should respond to the survey, with no more

than two responses from each company or farm. Participation in this survey is anonymous and answers will be held in confidence. Please take the survey at: [https://www.surveymonkey.com/r/VT\\_Domestic\\_Export](https://www.surveymonkey.com/r/VT_Domestic_Export) If you have any questions, contact Reg.Godin@vermont.gov

### Nutrient Management Updates

*Becky Maden, UVM Extension*

**Fall Soil Testing.** Don't forget to take a soil sample this fall! Soil testing in the autumn helps you make informed decisions about your soil fertility plan for the following spring, with ample time to source and order amendments. Soil tests cost \$14 through the UVM Lab. If cost prevents you

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Vegetable & Berry News  
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from testing, some funds are available to help cover soil testing. Contact Vern for details.

**Fall Cover Cropping.** It's not too late to get your soil covered for the winter to

prevent erosion, improve soil organic matter, and scavenge residual nutrients. At this point, winter rye is the best option for cover crop establishment. You can seed it through mid to late October in most locations.

**Final RAPs Rule.** The Agency of Ag filed the

Required Agricultural Practices Rule with the Legislative Committee on Administrative Rules (LCAR) in mid-September. You can see the final rule and accompanying documents on the Agency's website. The rules will be in effect for the 2017 growing

season. Most vegetable farms in the state will be subject to the regulations; farms with 50 acres or more in production will need a "small farm certification." If you have questions about RAPs, contact [AGR.WaterQuality@state.vt.us](mailto:AGR.WaterQuality@state.vt.us).

Here are some nutrient

management resources: [www.uvm.edu/vtvegandberry/NMPlinks.html](http://www.uvm.edu/vtvegandberry/NMPlinks.html).

If you have questions about soil testing or nutrient management, please contact UVM Extension vegetable nutrient management specialist, Becky Maden at [Rebecca.Maden@uvm.edu](mailto:Rebecca.Maden@uvm.edu)

Vermont Weekly Farmers Market Report  
For week ending October 9 , 2016

Produce						
Commodity	Not Certified Organic			Certified Organic		
	Low	High	Average	Low	High	Average
Apples (per pound)	\$1.25	\$2.79	\$1.76	\$3.00	\$3.00	\$3.00
Arugula (per pound)	\$-	\$-	\$-	\$7.00	\$14.00	\$10.33
Asparagus (per bunch)	\$-	\$-	\$-	\$-	\$-	\$-
Basil (per bunch)	\$-	\$-	\$-	\$1.00	\$2.50	\$1.81
Beets (per bunch)	\$2.00	\$4.00	\$2.83	\$2.00	\$3.25	\$2.81
Blueberries (per pint)	\$-	\$-	\$-	\$-	\$-	\$-
Broccoli (per pound)	\$2.00	\$3.00	\$2.50	\$3.00	\$3.50	\$3.33
Brussels Sprouts (per pound)	\$-	\$-	\$-	\$-	\$-	\$-
Cabbage (per head)	\$1.50	\$5.00	\$2.67	\$-	\$-	\$-
Carrots (per pound)	\$2.00	\$2.50	\$2.17	\$3.00	\$3.00	\$3.00
Cauliflower (per head)	\$3.50	\$3.50	\$3.50	\$-	\$-	\$-
Chard (per bunch)	\$2.00	\$3.00	\$2.50	\$1.75	\$3.50	\$2.69
Corn (each)	\$0.42	\$0.60	\$0.51	\$0.58	\$0.58	\$0.58
Cucumbers (per pound)	\$0.60	\$1.00	\$0.80	\$-	\$-	\$-
Dill (per bunch)	\$1.00	\$1.00	\$1.00	\$1.50	\$2.50	\$2.00
Eggplant (per pound)	\$2.00	\$4.00	\$3.00	\$3.50	\$4.00	\$3.75
Garlic (per pound)	\$7.00	\$12.00	\$10.33	\$9.00	\$12.00	\$10.50
Green Beans (per pound)	\$3.00	\$3.00	\$3.00	\$-	\$-	\$-
Kale (per bunch)	\$2.00	\$3.00	\$2.50	\$1.50	\$3.00	\$2.55
Kohlrabi (each)	\$-	\$-	\$-	\$3.00	\$3.00	\$3.00
Lettuce (per head)	\$1.00	\$2.50	\$1.75	\$2.25	\$2.50	\$2.33
Melons (each)	\$-	\$-	\$-	\$-	\$-	\$-
Microgreens (per pound)	\$-	\$-	\$-	\$8.00	\$10.00	\$9.38
Onions (per pound)	\$1.00	\$2.00	\$1.50	\$1.80	\$3.00	\$2.26
Parsley (per bunch)	\$1.00	\$1.75	\$1.38	\$1.50	\$2.50	\$2.17
Peppers (per pound)	\$3.00	\$8.00	\$4.67	\$3.25	\$5.00	\$4.13
Potatoes (per pound)	\$1.25	\$3.00	\$1.97	\$1.25	\$2.25	\$1.63
Pumpkins (per pound)	\$1.00	\$1.50	\$1.25	\$1.00	\$2.50	\$1.63
Radishes (per bunch)	\$1.50	\$2.00	\$1.75	\$2.50	\$2.75	\$2.63
Raspberries (per half pint)	\$5.00	\$5.00	\$5.00	\$-	\$-	\$-
Rhubarb (per pound)	\$-	\$-	\$-	\$-	\$-	\$-
Scallions (per bunch)	\$1.75	\$2.00	\$1.88	\$-	\$-	\$-
Spinach (per pound)	\$7.00	\$8.00	\$7.50	\$8.00	\$8.00	\$8.00
Strawberries (per quart)	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00
Summer Squash (per pound)	\$0.50	\$2.00	\$1.25	\$-	\$-	\$-
Tomatoes (per pound)	\$2.50	\$4.00	\$3.33	\$3.50	\$4.00	\$3.75
Winter Squash (per pound)	\$0.75	\$2.00	\$1.28	\$1.00	\$2.00	\$1.44
Zucchini (per pound)	\$0.50	\$2.00	\$1.25	\$-	\$-	\$-

Meats/Proteins			
	Low	High	Average
Lamb Chops (per lb.)	\$16.00	\$18.00	\$17.17
Rack of Lamb (per lb.)	\$16.00	\$18.00	\$17.33
Leg of Lamb (per lb.)	\$12.00	\$15.00	\$13.33
Ground Lamb (per lb.)	\$10.00	\$12.00	\$11.00
Ground Beef (per lb.)	\$6.00	\$7.50	\$6.81
Ribeye (per lb.)	\$12.00	\$19.00	\$15.71
Sirloin (per lb.)	\$8.00	\$15.00	\$11.17
Round Roast/Steak (per lb.)	\$8.00	\$10.00	\$8.40
Chuck Roast (per lb.)	\$6.00	\$10.00	\$8.00
Strip Steak (per lb.)	\$10.00	\$22.00	\$15.43
Skirt Steak (per lb.)	\$7.00	\$12.00	\$10.14
Tenderloin (per lb.)	\$16.00	\$23.00	\$20.14
Eggs (per dozen)	\$4.00	\$5.50	\$4.42
Whole Chickens (per lb.)	\$3.60	\$5.50	\$4.74
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



Source:  
VT Agency of Ag - USDA  
New Holland-Lancaster County, PA  
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# Salvation Farms Launches Workforce Skill-Building Program That Reduces Food Loss on Vermont Farms

By Theresa Snow, Executive Director, Salvation Farms

On Tuesday, September 27, Salvation Farms celebrated the opening of its new surplus-crop food hub in Winooski, Vermont. Known as the Vermont Commodity Program, the initiative engages a workforce development crew to clean, quality assess, and pack crops that would otherwise not leave Vermont's farms.

The kickoff event drew more than 70 guests to the Vermont Commodity Facility. Attendees toured the facility, where the Vermont Commodity crew was busy sorting approximately 1,000 pounds of apples into five-pound bags destined for charitable food programs around the state. During the program's first 16-week cycle, Salvation Farms estimates the Vermont Commodity Program will process at least 100,000 pounds of unsold but edible crops, resulting in more than 300,000 servings.

The program's launch comes after several pilot projects to test its feasibility, including three years at the Southeast State Correction Facility. Salvation Farms' new facility will fill an important role in increasing the state's food independence by broadening access to the more than 14.3 million pounds lost on Vermont farms each



Theresa Snow, Executive Director of Salvation Farms, addresses the crowd at the Salvation Farms' Vermont Commodity Program kickoff event. Photo courtesy of Julia Scheier.

year, a figure the Morrisville-based nonprofit released in a study this year.

Speakers at the event welcomed the initiative and affirmed the need for this work. In a heartening welcome speech, Winooski Mayor Seth Leonard, who had previously toured the facility and met the trainees, stated the importance of this workforce development program in his city.

Abbey Willard, Food Systems Section Chief for the Vermont Agency of Agriculture Food and Markets, spoke about the need for greater access to fresh, wholesome food.

She described the Vermont Commodity Program as filling a critical gap in getting more fresh food from farms to people, and also highlighted the program's economic benefits. She stated that "We see the development of this program and its connection to new partnerships as an important component to promoting the viability of Vermont farms and job creation in the agricultural sector."

Closing out the program with a farmer's perspective, Senator David Zuckerman shared anecdotes from his recent squash harvest to highlight his own experience

of farm surplus. His remarks reiterated the need for an operation like the Vermont Commodity Program to ensure that the resources farmers invest in growing food are not wasted when food goes unharvested and

uneaten, but rather are maximized through effective food management strategies.

For more information about Salvation Farms and The Vermont Commodity Program, visit <http://www.salvationfarms.org/programs>.





**Attention  
Vermont Farmers!**

**VERMONT  
FARM TO  
SCHOOL**  
2016 Conference

Join us for a  
Farm to School  
**Farmer Breakfast**  
**Nov. 3rd at 9:00am**

Lake Morey Resort in  
Fairlee, Vermont

**Find out how  
Vermont Farm to School  
can support your farm &  
how your farm can support  
Vermont Farm to School**

## Attention Vermont Farmers!

*Join us for the Vermont Farm to School Conference  
November 2nd & 3rd, 2016 in Fairlee, Vermont.*

“Vermont schools spend nearly one million dollars a year on locally sourced foods,” says Vermont’s Agriculture Secretary, Chuck Ross. “Strong connections between local schools and local farms represent an absolute win-win situation for Vermont farmers, for Vermont students, and for the Vermont economy. Farm to School Programs also help build a culture of ‘Ag Literacy’ in our schools and communities, and are an essential part of building the connection between agriculture and the next generation of Vermonters. I would encourage everyone in our agricultural community to learn more about Vermont Farm to School Programs and find ways to get involved.”

*To learn more and register, visit:*

**<http://vermontfarmtoschoolconference.org/>**