

AGRIVIEW



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Vermont Specialty Food Producers Take Top Honors at NYC Summer Fancy Food Show

By Reg Godin, VAAFM

Vermont specialty food producers took home gold at this week's Summer Fancy Food Show in New York City. The sofi Awards, which stands for "specialty outstanding food innovation," are the most prestigious awards in the specialty food industry and represent the best of the best. Vermont's winners were Big Picture Farm, Fat Toad Farm, and Vermont Creamery, along with Wozz! Creative Kitchens, a New Hampshire producer who makes their product at the Vermont Food Venture Center in Hardwick.

This year's winners were selected from 2,771 entries across 32 categories and were announced at the gala red-carpet awards ceremony



Goats win big! The gals at Big Picture Farm and Fat Toad Farm, respectively, wowed judges at the New York Fancy Food Show.

by television's Chopped host Ted Allen, and judge, Alex Guarnaschelli.

"With five golds bestowed on Vermont manufactured products it was a very good night for the state's specialty food industry. Only the

much larger states of California and New York came away with more awards than the Green Mountain state." Said Chuck Ross, Secretary of the Vermont Agency of Agriculture, Food & Markets.

Jim Harrison of the Vermont Specialty Food Association added "It is pretty amazing how well Vermont food producers did with the awards this year, as they also did last year. We should all be very proud of our state's specialty food industry and the positive reflection it has on Vermont."

Two of the top awards went to Fat Toad Farm for the coveted Outstanding Product Line and to Big Picture Farm for New Product with their Raspberry Rhubarb Goat Milk Caramels. Big Picture also took home a very rare second gold with their Goat Milk Chai Caramels in the Confection Category. Vermont Creamery, which has won a number of sofi Awards in the past, received honors for their Cultured Butter Sea

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AGRIVIEW

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Improving The Health of Our Waterways

Over the next few months, I will be using this space to keep readers updated about the efforts the state is making to improve the health of our waterways as part of the Clean Water Initiative. Last month, I provided a big picture glimpse at the efforts which will impact agriculture. This month, I'd like to focus on the TMDL. Our Clean Water Initiative is part of the effort to address the TMDL.

TMDL stands for "Total Maximum Daily Load" (TMDL) - a cap placed on the maximum amount of phosphorous that is allowed to enter the Lake and still meet Vermont's water quality standards. As a state, we are implementing a plan to limit the amount of phosphorous to comply with the TMDL.

We know excess phosphorous is causing excessive growth of algae in the form of "blooms" in some areas of the lake. These blooms turn water murky shades of green, brown, or blue and can be toxic to and people, pets, and wildlife. This pollution also increases the costs of drinking water

and wastewater treatment, hurts businesses that depend on clean water, damages Vermont's tourism and recreational opportunities, and depresses property values. Excessive polluted runoff also harms local streams and rivers that feed into Lake Champlain. Of course, the depletion of our natural resources is a detriment to all of us, but especially farmers, who rely on these resources for their livelihood.

The EPA and the State anticipate releasing both the formal Plan and the TMDL by August 7, which will begin a 30-day public comment period on both documents. The U.S. Environmental Protection Agency (EPA) and the State of Vermont will holding a series of public meetings in August to discuss new TMDL pollution reduction targets - dates and locations will be announced soon.

EPA information on Vermont Lake Champlain Phosphorus TMDL, visit: <http://www.epa.gov/region1/eco/tmdl/lakechamplain.html>

To find the TMDL Plan or other information, view the VTDEC Restoring Lake Champlain Page: <http://www.watershedmanagement.vt.gov/erp/champlain/>

Charles R. Ross

Fancy Food Show Winners

continued from page 1

Salt Basket in the Classic Category. Wozz! Creative Kitchens was recognized for their Kiwi Lime Salsa Verde in the Salsa and Dips Category.

The three day Fancy Food Show, held at the Javits Center in New York City, features specialty food companies from around the world. Thirty Vermont producers exhibited at the show gaining direct access to over 25,000 buyers.

The Vermont Agency of Agriculture, Food & Markets includes several programs which help local farmers and producers promote their goods to markets beyond the state's borders as part of its Domestic Export Program. This includes sponsoring a Vermont booth at the Fancy Food Show that samples Vermont product (Vermont is the only state to have such booth). The Agency also offers grants to help new producers afford the costs of exhibiting at a trade show. To learn more about the Domestic Export Program, contact Reg Godin at Reg.Godin@state.vt.us or (802) 522-3648.



Fat Toad Farm's Prize winning offerings, on display. Photo Courtesy of Fat Toad Farm

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Editor's Note

Don't let August pass you by without enjoying local agriculture.

From fairs, to farmers' markets, to the all-new Open Farm Week, Buy Local Market, and



Breakfast on the Farm, there are more opportunities than usual to enjoy local agriculture this month. Backyard gardeners may be crunched for time — corn is ripe for the picking, tomatoes are red and plump, and there are cucumbers begging to be pickled. But don't miss the chance to broaden your horizons. Maybe you'll even learn a few things to add to your bag of backyard tricks!

— Alison Kosakowski

Follow VAAFM on Twitter @VTAgencyofAg and follow me @VTFarmGirl

Get Ready! August is Packed with Local Food Events

By Alison Kosakowski

This August, a number of events across the state will provide an up-close view of agriculture, in action – connecting Vermonters with local food and farmers, and building Ag Literacy. Don't miss the opportunity to enjoy a taste of local agriculture with family and friends!

Buy Local Market on the Statehouse Lawn

On Tuesday, August 4th, from 10 am – 1pm, the statehouse lawn in Montpelier will be transformed into an open-air market, where local producers will sell produce, cheese, meat, baked goods, and many other local produced foods. Dubbed the “Buy Local Market,” the event will be hosted by Vermont Agency of Agriculture, Food, and Markets (VAAF), in partnership with the Capital City Farmers’ Market and The Northeast Organic Farming Association of VT (NOFA-VT).

The event is being organized by VAAF as part of the State’s Local Food Wellness and Consumer



Awareness Initiative.

“More than 2800 state employees report to Montpelier for work every day,” according to Vermont’s Ag Secretary, Chuck Ross. “We are organizing this market to provide these employees access to healthy, local foods, build Ag Literacy, and create a new market opportunity for our local producers.”

Vermont Open Farm Week

Vermont’s first Open Farm Week will be held

Monday, August 3 – Sunday, August 9, 2015.

Open Farm Week is a weeklong celebration of Vermont farms. Over 100 farms are participating, many of whom are not usually open to the public. Open Farm Week offers Vermonters and visitors alike educational opportunities to learn more about local food origins, authentic agritourism experiences, and the chance to build relationships with local farmers. Activities vary and may include milking cows and goats, harvesting



to coincide with National Farmers’ Market Week – also the first week of August.

Breakfast on the Farm

Nea-Tocht Dairy Farm of Ferrisburgh, VT will host Vermont’s first “breakfast on the farm” August 22 from 9 am – 1 pm. There is no charge to attend, but guests are required to reserve their free ticket in advance online at vermontbreakfastonthefarm.com

In addition to enjoying a delicious breakfast, guests will have the opportunity to see a working farm, up close and in-person.

Nea-Tocht Farm is owned and operated by Raymond and Linda Vander Wey. Sponsors for the event include the Vermont Dairy Promotion Council, NE Dairy Promotion Council, The Vermont Feed Dealers Association, WOKO, and Poulin Grain. For more information visit VermontBreakfastOnTheFarm.com

vegetables, collecting eggs, tasting farm fresh food, scavenger hunts, hayrides, farm dinners, and live music.

All participating farms, geographic location, and offerings are at www.DigInVT.com.

Farmers’ markets will also be a part of the Open Farm Week celebration as organizers planned the event



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AUGUST 22, 9 AM – 1 PM. IN FERRISBURGH

Enrollment for 2016 Dairy Margin Protection Program to Begin July 1

By Bob Parsons, UVM Extension

The USDA announced that starting July 1, 2015, dairy farmers can enroll in the Margin Protection Program for coverage in 2016. The voluntary program, established by the 2014 Farm Bill, provides financial assistance to participating dairy operations when the margin – the difference between the price of milk and feed costs – falls below the coverage level selected by the farmer. More than half of the US dairy producers enrolled in the 2015 program.

USDA will continue outreach efforts, including partnering with cooperative extension services, to ensure dairy producers are



fully informed about the protections that this safety net program can provide during periods of market downturns.

The Margin Protection Program gives participating dairy producers the flexibility to select coverage levels best suited for their operation. Enrollment begins July 1 and ends on Sept. 30, 2015, for coverage in

2016. Participating farmers will remain in the program through 2018 and pay a \$100 administrative fee each year. Producers also have the option of selecting a different coverage level during open enrollment each year. Margin Protection Program payments are based on an operation's historical production which will increase by 2.61 percent

in 2016 if the operation participated in 2015.

USDA has an online resource available to help dairy producers decide which level of coverage will provide them with the strongest safety net at www.fsa.usda.gov/mpptool. Dairy farmers can quickly and easily combine their unique operation data and other key variables to calculate their coverage needs based on up to date price projections. Producers can also review historical data or estimate future coverage based on data projections. The secure site can be accessed via computer, mobile phone, or tablet.

Producers participating in the Livestock Gross Margin insurance program may register for the Margin Protection Program, but

this new margin program will only begin once their Livestock dairy insurance coverage has ended. Dairy operations enrolling in MPP must meet conservation compliance provisions and also submit form CCC-782 for 2016, confirming their Margin Protection Program coverage level selection, to the local Farm Service Agency (FSA) office. If electing higher coverage for 2016, dairy producers can either pay the premium in full at the time of enrollment or pay a minimum of 25 percent of the premium by Feb. 1, 2016.

The Margin Protection Program risk management tool was established by the 2014 Farm Bill. For more information, visit FSA online at www.fsa.usda.gov/dairy or stop by your local FSA office.

Organic Dairy Workshops Provide Strategies For Success

By Susan Brouillette, NOFA VT

The University of Vermont Extension Northwest Crops and Soils Program and the Northeast Organic Farming Association of Vermont (NOFA-VT) are teaming up this summer to offer six workshops on success strategies for organic dairy farmers.

The workshops, part of the 2015 Summer Organic

Dairy Series, will be held on various farms in Vermont and New Hampshire. Each session will run from 10:30 a.m. to 2:30 p.m. and include lunch from the NOFA-VT Pizza Oven.

The fee for each workshop is \$20 per person. For details visit <http://bit.ly/1dI2Pk4>.

Registration is required. Farmers may register online at www.nofavt.org/ows. To request a disability-related accommodation, contact

Susan Brouillette at (800) 639-2130 (Vermont calls only) or (802) 524-6501, ext. 432, at least two weeks in advance.

Dates and locations are as follows:

Aug. 11: Fertility Improvements and Organic Transition; Holyoke Farm (John and Heather Brigham), 85 Holyoke Farm Dr., St. Albans

Aug. 26: Seeding, Infrastructure and Zero Grain; Harrison Homegrown (Melanie and Patrick Harrison), 8180 Vermont Rte. 22A, and Mike's Farm (Mike Eastman), 435 Town House Rd., both in Addison

Sept. 21: Irrigation, Pasture Renovation and Cow Health; Stony Pond Farm (Tyler and Melanie Webb), 336 Emch Dr., Enosburg Falls

Sept. 30: Fall Feed Inventory and Land Improvements; McKnight Farm (Seth Gardner), 440 Snow Hill Rd., East Montpelier

Oct. 9: University of New Hampshire Organic Dairy Research Facility and Tuckaway Farm (Dorn Cox), both in Lee, New Hampshire

To learn more about additional programs, research projects and activities of the Northwest Crops and Soils Program, go to www.uvm.edu/extension/cropsoil.

Preventing Mildew And Other Summer Gardening Tips

By Leonard Perry,
UVM Horticulturist
and Charlie Nardozi,
Garden Consultant

Preventing powdery mildew, renovating strawberry beds, and protecting blueberries from birds, are some of the gardening activities for this month.

At the first sign of powdery mildew on phlox, bee balm, and other susceptible plants, treat with Serenade or other labeled fungicide, such as one with potassium bicarbonate (relative of baking soda). Spray plants every two weeks, or according to label directions if different, thoroughly wetting the foliage.

Now's the time when strawberry beds can become a mass of baby



Powdery mildew on a squash plant

plants. Renovate the beds, controlling the runners, encouraging them to root where you want them. Keep the bed well mulched and watered.

Birds love blueberries as much as we do, so protect the fruit with netting. Use stakes to suspend the netting over the shrub so birds won't

reach the berries. Secure the netting to the ground to prevent birds from sneaking in. Get your cover in place before the berries turn ripe.

Take just one-half hour every day to inspect the garden and pull weeds. Weeds really do sprout overnight and by next week they'll be towering over your

tomatoes and annual flowers. A visit to the garden before work, or as soon as you get home, can keep the weeds in check.

Continue planting vegetables such as radishes, carrots, and lettuce so that you'll have a continual supply of these vegetables into the fall. Seeds will germinate quickly in warm soils, but so will the weeds. Be diligent about weeding, watering, and thinning your new seedlings.

Check tomato plants for large, green-striped horned caterpillars. A few can cause lots of damage, so hand pick and destroy them when found. Spray an organic pesticide containing B.t. (*Bacillus thuringiensis*) to control large infestations. If the caterpillars have white elongated eggs on their backs, leave them and don't spray. These are a natural enemy, such as from a parasitic wasp, which hatch and then parasitize other hornworms.

Protect your squash vines from the squash vine borer. These clear-winged moths lay their eggs on the stems and the hatching larvae bore into the vines, causing the plant to wilt and possibly die. Apply a pesticide containing B.t. every 3 or 4 days during July and early August to kill hatching larvae before they enter the stems. A thin layer of wood ashes or moth flakes scattered around plants may discourage egg laying.

If these don't work on the squash vine borer, slit the vine stem where it is wilting

and along it until you find the feeding grub. Remove and destroy the grub, then bury the end of the vine so that hopefully it will root and resume growth.

Summer is a great time to visit perennial nurseries to see what is in bloom, and add to your collection. There are many local specialists you can find online under Vermont Perennial Display gardens (pss.uvm.edu/ppp/vpdgli.html). As virtually all plants you'll find are in pots, it is fine to plant them now, just add some compost at planting, mulch, and keep them watered.

Other gardening activities for this month include visiting open garden days, removing "sucker" shoots from tomatoes, finishing pruning of woody plants early in the month so any new growth will have a chance to harden-off before winter, and replacing hummingbird solution in feeders and water in bird baths every three to five days.

Charlie Nardozi is a nationally known horticulturist, author, gardening consultant, and garden coach (CharlieNardozi.com). Distribution of this release is made possible by the University of Vermont, and New England Grows — a conference providing education for industry professionals and support for university outreach efforts in horticulture.

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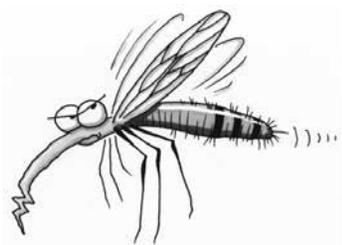
For Your Protection: State Tests Mosquitoes for Disease-Causing Viruses

By Nancy Erickson, Vermont Department of Health

Vermont has its fair share of flying insects, and mosquitoes seem to thrive here in the summer months. Mosquito surveillance, which includes the weekly collection and testing of specific types of mosquitoes, has begun across the state.

During the past few summers, mosquitoes carrying Eastern equine encephalitis (EEE) and West Nile virus (WNV) have been found in Vermont. Results of mosquito testing will be updated on the Health Department website throughout the summer.

In 2014, there were eight mosquito pools that tested positive for WNV and eight more that tested positive for EEE virus. Human illness caused by mosquitoes is uncommon in the state, but



in 2012, two people from Rutland County died from EEE. In 2013, two horses in Franklin County were infected and died.

People in these communities should take precautions to prevent mosquito bites, but it is likely that EEE is present in other parts of the state, so all Vermonters are encouraged to protect themselves against mosquito bites.

The risk of mosquito-borne illness increases during the summer months, and persists until there is a hard frost in the fall. As the warm weather brings out the insects, the Health Department encourages Vermonters to enjoy outdoor

activities while taking simple precautions to avoid bites.

Enjoy the Outdoors, and Fight the Bite

- Weather permitting, wear long sleeves and pants and avoid outdoor activities at dusk and dawn – when mosquitoes are most active.
- Reduce mosquito breeding habitats by getting rid of standing water. Drain areas where water can pool: rain gutters, wading pools and any other water-holding containers like old tires.
- Use an effective insect repellent that has an Environmental Protection Agency (EPA) registration number on the label. This indicates that the product has been evaluated for safety and effectiveness. Repellents that contain up to 30 percent DEET are safe and effective for

children and adults. When using insect repellent, always follow the directions on the label. EPA has a tool that will help you search for a repellent that is right for you – Go to healthvermont.gov, and use the A-Z listing to go to 'Insect Repellents'.

- Install or repair screens on windows and doors to keep mosquitoes out.
- Protect your animals. Horses are susceptible to WNV and EEE infection, and there are effective vaccines available. Llamas, alpacas and emus are also susceptible and can be immunized with the horse vaccine.
- Contact your health care provider if you have questions about your health or need medical attention.

WNV and EEE Symptoms

Most people who are infected with WNV will not become ill, and this may be true for EEE as well. Those who become ill with either WNV or EEE will have

flu-like symptoms such as fever, chills, fatigue, joint and body aches. Symptoms typically last one or two weeks, and recovery can be complete. However, both viruses have the potential to invade the central nervous system (brain and spinal cord) and cause more serious illness. Symptoms of severe disease include fever, intense headache, weakness, poor coordination, irritability, drowsiness and mental status changes.

About one-third of people who develop severe EEE disease will die, and many who recover are left with disabilities. Fortunately, severe EEE is rare.

For more information on West Nile Virus and EEE, and to view EEE risk maps, maps showing towns with active mosquito surveillance, and to find out the latest surveillance results, visit healthvermont.gov.

For more information about mosquitoes visit the Agency of Agriculture, Food and Markets website.

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Farms Eligible for Support from VCLF's Food, Farms & Forests Fund

By Dan Winslow, Vermont Community Loan Fund

The Food, Farms & Forests Fund provides affordable, flexible financing and business development & financial consulting to meet the needs of agricultural, food and forest product enterprises throughout Vermont. As always, the Vermont Community Loan Fund seeks to support sustainable local economies, Vermont's working landscape and create opportunities for lower-income Vermonters.

Eligibility

Eligible businesses include (but are not limited to):

- farms and agricultural operations
- food producers, incubators, wholesalers and retailers including grocery stores, co-ops, CSAs and farmers markets
- forestry and forest product enterprises
- stewardship and other natural resources organizations

The FFF Fund provides financing to enterprises that meet any of the following qualifications:

- sustainable agriculture/forestry practices
- sustainable use of natural resources
- involvement of the local food and Vermont food economy
- participation in/support for healthy foods and healthy foods access programs
- opportunities for

education/youth engagement

- other benefit to distressed communities or underserved populations

Acceptible Uses

Uses may include:

- Real estate/farmland acquisition
- Facility construction or improvement
- Equipment
- Inventory
- Working capital

Rates and Terms

Terms range from several months to 20 years. Interest rates are fixed and start at 5%. A \$50 application fee is due at the time

the loan request is submitted. An origination fee of 1% of the loan amount, a \$125 documentation fee and associated filing fees are due upon closing. In some cases, origination and closing fees may be financed. VCLF is willing to partner with other lenders on a project, including banks and

credit unions, the Vermont Economic Development Authority, the Cooperative Fund of New England, the Carrot Project and other alternative lenders and financiers, the Community Development Block Grant Program, the Small Business Administration and USDA Rural Development.

How to Apply

We encourage you to speak to a VCLF Loan Coordinator, who can work with you to assess your financial and business development needs. Please contact Dan Winslow at (802) 224-9144, or at dan@vclf.org for more information.



2015 Inductees Revealed for Vermont Agricultural Hall of Fame

By Jackie Folsom, Vermont Ag Hall of Fame

The Committee for the Vermont Agricultural Hall of Fame is pleased to announce the inductees for 2015.

Recipients are chosen based on their accomplishments and significant contributions to Vermont agriculture. They are:

- Putnam Blodgett, former dairy farmer and Certified Tree Farmer
- Arthur Clifford, innovative dairy farmer in Starksboro VT (posthumously)
- Mariafranca Morselli, renowned maple researcher at UVM (posthumously)
- Governor Frederick Holbrook, founder of the Vermont State Agricultural Association (posthumously)
- James Harvey, an accomplished harness racing horse trainer in Duxbury

These nominees will be honored on Wednesday, September 2, 2015, during the invitation only luncheon at

the Champlain Valley Exposition.

Also during that time, the black and white photographs of the 2014 inductees will be revealed. These photos will feature Joseph E. Carrigan, Ronald Greenwood, Richard Moore, Harry Morse, Sr., and Lucien Paquette.

Family members and representatives from many agricultural organizations in Vermont will be in attendance as we honor these deserving individuals.

The fifty-nine photographs depicting sixty-two previous nominees are on display in the entryway of the Robert E. Miller Building and can be viewed during the Fair as well as throughout the year. We encourage Vermonters to visit the exhibition and remember the many contributions these folks have made to our industry.

Nomination forms are available on the Exposition website and the deadline for submissions is May 31 every year. (www.cvexpo.org)

For more information about the event, please contact Jackie Folsom, Committee Chair, at crkdbrks@aol.com or 802-426-3579.

New Program Will Help Farmers Track Fruit, Vegetable, Poultry, Meat, and Egg Pricing

By Hailee May, VAAFM

The Local Foods Data Tracking Program is a joint effort between the VAAFM (Vermont Agency of Agriculture, Food, & Markets) and USDA-AMS (Agriculture Marketing Services) Market News Reports to collect and aggregate pricing data on a variety of fruit and vegetable crops, as well as a selection of meat and poultry products grown and sold in Vermont. The Local Foods Data Tracking Program is an initiative we believe will be beneficial to consumers, vendors, and farmers' markets in many ways, including:

- Provide public access to anonymous contemporary fruit, vegetable, poultry, egg and meat pricing
- Provide national and regional comparisons of Vermont farmers' market pricing data available on a weekly basis
- Provide local foods data to support more accurate



and as I listened to vendors chatting with their customers, answering questions and making recommendations, it became clear to me that these vendors were here to do more than just make money, they were here to establish long-term relationships with their customers.

Amidst the market buzz I had a chance to sit down with the Burlington Farmers' Market manager Chris Wagner to learn more about the market and its history:

Year started: 1977

Consecutive years running: 38

Number of vendors in 1977: 8

Number of vendors today: 99

Estimated number of shoppers: 10,000-12,000 per day

Market goals: "To be recognized as a world class Farmers' Market that brings the best of Vermont to the heart of the Queen City where locals and tourists alike can access and enjoy local products. There's something for everyone here!"

SUMMER MARKET:

When: Saturdays, 8:30am - 2:00 pm between May 9th & October 24th, 2015

Where: City Hall Park & St. Paul Street

WINTER MARKET:

When: Saturdays, 10:00am - 2:00 pm between November 2015 & April 2016 (exact dates TBD)

WHERE: Memorial Auditorium (Corner of Main Street & South Union Street)

For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: Rachel Ware – Alpine GLo Farm, LLC, Westminster, VT to buy, sell, process, package and transport milk and dairy 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 August 14, 2015.

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.

- support for setting federal insurance rates and access to loan opportunities for food producers
- Enable farmers & vendors to price products accurately & competitively
- Enable farmers' markets to assess product price competitiveness against conventional grocery stores, food coops, and other food vendors
- Allow consumers to assess product price competitiveness among farmers' markets, grocery stores, food coops, & other food vendors

For more information about this Local Foods Data Tracking Program, please contact Hailee May: Email: Hailee.May@state.vt.us, Phone: (802) 828-5445, or visit the USDA-AMS Market News Reports on-line at: <http://www.ams.usda.gov/AMSV1.0/MarketNewsLocalRegional> (Click Farmers Markets,

then scroll down and click on Vermont Weekly Farmers Market Report.)

* * *

Over the course of the summer I will be using this space in Agriview to share some highlights from my local food adventures and profile Vermont Farmers' Markets from around the state. I hope you follow along!

July Farmers' Market Profile

The first stop on my Tour-de-Farmers' Market was the Burlington Farmers' Market on Saturday, June 6th. The color and variety of food products for sale, the delicious smells wafting through the air, the lively banter between vendors, and the throngs of happy shoppers blended together to create a truly exhilarating atmosphere. Almost every booth had a line of customers just waiting to buy local

AUGUST IS TREE CHECK MONTH

Take 10 minutes and check your trees for the beetle and any signs of damage it causes.

August Is Tree Check Month – Keep An Eye Out for Asian Longhorned Beetle!

By Alison Kosakowski, VAAFM

The Asian Longhorned Beetle (ALB) is an invasive species that kills deciduous trees. Harmless to humans and pets, the large, bullet-shaped beetle can be spotted by its shiny black body with white spots. It ranges from about 1 to 1.5 inches long and has exceptionally long antennae that are banded with black and white. The

elongated feet are black with a whitish-blue upper surface. Checking your trees



monthly for the beetle itself and the signs of its presence can ultimately help prevent the spread of the beetle.

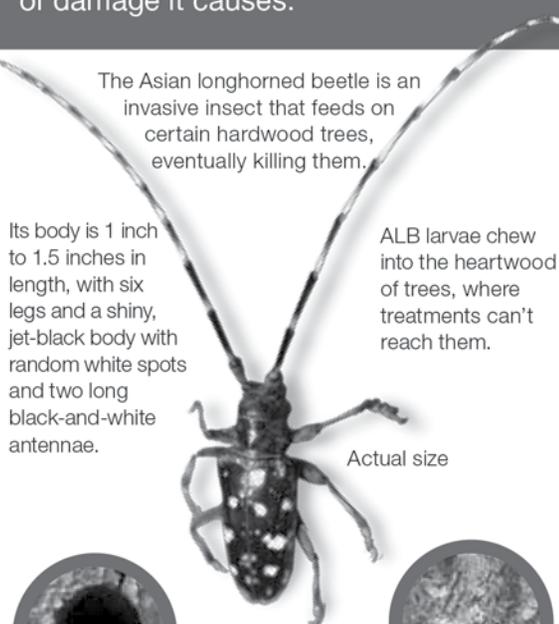
Because the Asian Longhorned Beetle (ALB) is particularly active this time of year, it can be easier to spot it or the signs of the beetle. Take a 10-minute walk around your yard or neighborhood and inspect your trees. If you see any signs, report at <http://asian-longhornedbeetle.com/report-it/>

The Asian longhorned beetle is an invasive insect that feeds on certain hardwood trees, eventually killing them.

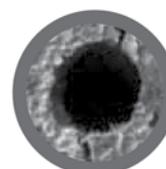
Its body is 1 inch to 1.5 inches in length, with six legs and a shiny, jet-black body with random white spots and two long black-and-white antennae.

ALB larvae chew into the heartwood of trees, where treatments can't reach them.

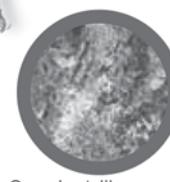
Actual size



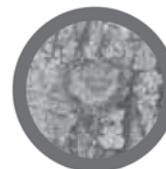
Look for the signs:



Dime-sized exit holes



Sawdust-like material



Egg sites in the bark



Dead or fallen branches

Vermont Weekly Farmers Market Report

For week ending Sunday June 28th, 2015

Produce

Commodity	Not Certified Organic			Certified Organic		
	Low	High	Average	Low	High	Average
Apples (per lb)	\$1.00	\$2.00	\$1.50	\$-	\$-	\$-
Asparagus (per lb)	\$3.50	\$4.00	\$3.75	\$6.00	\$8.00	\$7.00
Beets (per bunch)	\$2.00	\$3.50	\$2.75	\$2.50	\$3.50	\$3.00
Broccoli (per lb)	\$3.00	\$3.00	\$3.00	\$3.25	\$5.00	\$4.13
Carrots (per bunch)	\$3.00	\$4.00	\$3.50	\$2.75	\$3.50	\$3.13
Chard (per bunch)	\$2.00	\$3.50	\$2.75	\$2.00	\$3.50	\$2.75
Cucumbers (each)	\$0.50	\$3.00	\$1.75	\$1.00	\$2.00	\$1.50
Garlic (per 1/2 lb)	\$1.50	\$2.50	\$2.00	\$-	\$-	\$-
Kale (per bunch)	\$1.50	\$4.00	\$2.75	\$2.00	\$3.50	\$2.75
Lettuce (per head)	\$1.50	\$3.00	\$2.25	\$2.50	\$3.00	\$2.75
Mesclin Lettuce (per 1/2 lb)	\$4.00	\$4.50	\$4.25	\$4.00	\$5.00	\$4.50
Potatoes (per lb)	\$1.00	\$2.00	\$1.50	\$2.00	\$2.25	\$2.13
Radishes (per bunch)	\$1.00	\$4.00	\$2.50	\$2.00	\$3.50	\$2.75
Rhubarb (per lb)	\$2.50	\$3.00	\$2.75	\$1.98	\$1.98	\$1.98
Spinach (per bag)	\$3.00	\$4.00	\$3.50	\$3.50	\$4.50	\$4.00
Strawberries (per quart)	\$5.00	\$10.00	\$7.50	\$7.00	\$10.00	\$8.50
Summer Squash (per lb)	\$2.00	\$7.00	\$4.50	\$3.00	\$3.00	\$3.00
Tomatoes (per lb)	\$4.50	\$4.50	\$4.50	\$5.75	\$5.75	\$5.75
Zucchini (per lb)	\$2.00	\$7.00	\$4.50	\$3.00	\$4.00	\$3.50

Meats/Proteins

	Low	High	Average
Lamb Chops	\$12.00	\$24.95	\$18.48
Rack of Lamb	\$16.00	\$24.95	\$20.48
Leg of Lamb	\$12.00	\$13.00	\$12.50
Ground Lamb	\$10.00	\$11.00	\$10.50
Ground Beef	\$5.50	\$9.00	\$7.25
Ribeye	\$12.00	\$19.50	\$15.75
Sirloin	\$6.50	\$16.50	\$11.50
Round Roast	\$5.50	\$12.00	\$8.75
Chuck Roast	\$5.50	\$11.00	\$8.25
Eggs (dozen)	\$3.00	\$5.75	\$4.38
Whole Chickens	\$2.75	\$5.00	\$3.88
Ground Pork	\$6.50	\$8.75	\$7.63
Pork Chops	\$5.50	\$17.99	\$11.75
Pork Loin	\$8.00	\$18.99	\$13.50
Pork Tenderloin	\$10.00	\$23.00	\$16.50
Shoulder Roast	\$5.00	\$23.00	\$14.00
Ham	\$5.50	\$12.00	\$8.75
Baby Back Ribs	\$5.50	\$10.99	\$8.25

Market Comments

SEASONALITY:

We are slowly beginning to see more commodities coming into season. We'll see a growing list as the summer market season is progressing.

WEATHER CONDITIONS:

Overall most of the markets had great, sunshine and wonderful weather for the markets during week. Some markets over the weekend experienced rain, but less than half of participating markets reported rain.

ATTENDANCE:

Due to the weather, the majority of the markets reported that attendance was great this week. One of the markets said that this year has been noticeably better in sales already than last year. A small portion of the markets who reported rain, reported less traffic than last week's sunny market.

VENDOR COMMENTS:

Vendors noted that they will be having a significant amount of produce to add in the next week or so. July usually marks the start of more robust choices.

VERMONT VEGETABLE AND BERRY NEWS



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

Reports From The Field

(Barnet) We finished picking strawberries this week and are all breathing a collective sigh of relief. It was a good long season and fruit quality was high despite the wet weather. Now we have to dig our bird netting out of the tall, tall grass as we ended up not using it very much—light cedar wax wing pressure this year. Between the birds, the frosts, the weeds, the plants and the picking, the cost of producing berries sure adds up quick. At least they make people happy.

(Westminster West) We had a mini twister event last Saturday with a half acre of remay sucked hundreds of feet into a clear sky, shredding it and depositing it among the tall trees in the surrounding hills! We even managed to get a video of it. Crops are doing very well with just enough rain to keep things moving along. Garlic crop almost ready and size is quite large. Tunnel tomatoes coming in strong and no disease issues yet. Potatoes looking clean, CPB controlled well with Entrust and Pyganic combo. Keeping copper on onions and spuds, Running fertigation daily in all fields and crops really responding to it. Farmers market still steady sales wise and wholesale about the same as last year. Cover crops on next year's fields up although not as thick as I should have done. Trying to squeeze in a vacation in the NE Kingdom then home to get ready for the first VVGA summer party. Aug. 2, here in Westminster. I hope

to see many of you there! Jazz band, BBQ and hay rides for the kids. Kick back, let's talk some shop and have some fun! Info and tickets at <https://vbgasummerparty.eventbrite.com>.

(Waterbury Center) Strawberry harvesting has finally wrapped up, and I would say the season was a good one. There was a heavy fruit set to begin with, and despite the heavy rains, we got some sun mixed in, especially during the weekends for PYO. Raspberries are going strong and seems like they also have a good fruit set, maybe just because of the year, or maybe due to pruning heavier than I have in the past. Japanese beetles are starting to show up, but their numbers are still low. Pretty sure I've seen signs of SWD in strawberries and raspberries due to mushy fruit, but haven't positively ID'd any yet. Garlic is looking good.

(Burlington) CSA members are happy despite being a little short on cooking greens. Who knew you could run short on kale so early in the season? I guess that is the way of the Swede midge world. Looking back at our annual CSA survey results from 2001, kale has climbed from the 22nd to 11th in the popularity ranking in 2014. Did we all drive this, or was it the Foodies? Most crops doing well, we are now busy irrigating. Onion downy mildew has arrived as is usual for a wet year. Hoping we can stall long enough for a good crop of our yellow storage onions. Early mini onions, early yellow onions and sweet onions finishing off nicely. After a slow start, we had the longest duration strawberry season in 20 years, just finished yesterday. Same varieties don't make it past July 4th most years. We pulled the straw off a little later than usual due to April cold, but does that explain it?

(Westfield) Strawberries are on their last few days, the season was good despite too many rainy days. It looks like the combination of Regalia and Milstop works well for keeping the grey mold at bay. All the crops are enjoying the warmer and drier weather and the field vegetables are finally coming a week or two behind. Huge difference between

crops: winter squashes are setting fruits while the watermelon are just starting to run.

(Proctorsville) The season has been tricky so far. Either all sun or all rain. Had to replant a few crops in the fields. Very bad basil year for us. With the help of our intern we have been able to stay on top of weeding. Crops are finally beginning to produce in numbers. Tomatoes in the high tunnel are fantastic! It's our first year trying the roller hook trellising system and so far we love it! Mesclun and lettuce greens in the HT aren't producing as well as we had hoped.

(Huntington) We've definitely seen our chemical and fertilizer bills spike this year. We totaled 15.9" between 5/29 and 7/2, and it was almost comical to go out and sidedress spinach, kale, and potatoes between semi-weekly 1.5" downpours. Nighttime lows finally reaching the 60's of late have been a blessing, as have skinny tires for all the spraying we've been doing in closed canopies. Nothing like constant rain to turn me into a paranoid nozzlehead. One thing I might be noticing is variable Cu tolerance between different onion varieties. No acute phytotoxicity in any, but 'Bridger' has shown less vigor than in the past, and less vigor than all the other varieties. For the first 6 weeks after transplanting, everything appeared to be growing as expected, but since commencing Cu sprays mid-June there has been a small but noticeable divergence. However, we have not seen any downy mildew or other foliar fungal disease, so even if it is mild Cu phytotoxicity it might be worth it. I'm thankful for patient wholesale buyers as we've dealt with the ups and downs of this so-far sub-par growing season. But if rainy 2015 follows rainy 2013's template we should get some nice GDDs to bulk up the storage crops; fingers crossed.

(Craftsbury) Had poor control of CPB with Entrust, even though worked pretty well in past years. Got good kill of CPB spot sprayed with low rate Pyganic and high rate stylet oil solution.

SWD Update

(adapted from UMass Extension Berry Notes)

Monitoring for SWD in MA and CT is now finding more consistent trap captures of SWD fruit flies, but in very low numbers. Both male and female SWD are being found in traps. Reports are also increasing in surrounding states. Growers of susceptible crops in VT should prepare. If you are going to apply exclusion netting, be sure the support structure is up ahead of time and the netting is applied and completely sealed before any fruit begin to ripen. If you confirm SWD at your farm with traps or the salt water test for fruit infestation, you should harvest frequently and thoroughly, promptly refrigerate fruit. Trellising raspberries and blueberries to hold heavy fruit laden canes up off the ground can create air space between the humid shady ground which SWD like and the fruit, lessening infestation levels. If you will implement a spray program (organic or conventional) make sure recommended materials are on hand and you can rotate among them as directed at intervals of no more than 7 days to avoid developing pesticide-resistant SWD. If a significant rainfall occurs after a spray application, the material may need to be reapplied. Once harvest begins you should conduct salt water tests regularly on your fruit to monitor for SWD infestation. Information on that test, netting options and efficacy, recommended insecticides, etc. can be found at: <http://www.uvm.edu/vtvegandberry/SWDInfo.html>

Update From The UVM Plant Diagnostic Clinic

by Ann Hazelrigg

Diseases are rampant due to the rainfall over the past few weeks. Some growers have had to replant some crops a few times due to damping off early in the season. If you need help with ID you can send a picture or a sample. <http://pss.uvm.edu/pd/pdc/>

Be sure to look at the UMass veg notes for VT scouting results and more in-depth info: <https://ag.umass.edu/sites/ag.umass.edu/files/>

continued on page 15

MARKET REPORT

Wholesale Prices

July 2015

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

Vermont Egg Prices:

Jumbo	\$2.35
X-Large	\$2.30
Large	\$2.25
Medium	\$1.81

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 July 10, 2015

	Cattle	Calves
This Week:	122	155
Last Week:	132	218

Compared to last week's sale, slaughter cows sold steady with good demand. Slaughter cattle supply included 122 cows. All prices quoted per cwt.

SLAUGHTER COWS:

	% Lean	Avg. Dressing	High Dressing	Low Dressing	Very Low
Premium White	65-75	105.00	—	—	—
Breakers	75-80	—	—	—	—
Boners	80-85	95.00-98.00	100.00-102.00	90.00-93.00	—
Lean	85-90	92.00-95.00	—	88.00-90.50	70.00-85.00

SLAUGHTER BULLS: No test.

CALVES: When compared to last sale, Holstein bull calves sold \$10.00-\$20.00 lower with good demand. All prices per cwt.

HOLSTEIN BULL CALVES:

Number 1: 100-120lbs 485.00-515.00; 90-100lbs 475.00-500.00; 80-90lbs 460.00-520.00; 70-80lbs not tested.

Number 2: 100-120lbs 400.00-485.00; 90-100lbs 400.00-485.00; 80-90lbs 410.00-435.00; 70-80lbs 330.00-440.00.

Number 3: 100-120lbs 300.00-375.00; 90-100lbs 265.00-425.00; 80-90lbs 395.00-435.00; 70-80lbs not tested.

Utility: 100-120lbs: 130.00-350.00; 90-100lbs 115.00-255.00; 80-90lbs 70.00-150.00; 70-80lbs 74.00-200.00.

HOLSTEIN HEIFER CALVES: 78-95lbs 100.00-210.00

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

SOURCE:

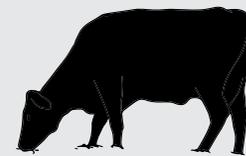
VT Agency of Ag-USDA
New Holland-Lancaster County, PA

Darryl Kuehne
Market Reporter
Cell: 802-793-5348

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

http://www.ams.usda.gov/mnreports/MP_LS141.txt

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



CLASSIFIEDS

Advertising in Agriview

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

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

Display Ads: Information available upon request

Classified advertisements must be sent:

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

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

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

Ads must be limited to 40 words or less.

Agriview Subscribers can Now Submit Classifieds Online

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

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

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

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

If you have questions about classified ads, please contact Faith Raymond at 802-828-1619 or Faith.Raymond@state.vt.us.

Bees & Honey

3lb Honey Bee Package w/ queen - \$110 by pre order only - available for pickup late afternoon 5/3 or anytime 5/4 Weeping Pine Farm & Apiaries; 677 VT Rt 14; Williamstown, VT 05679 802-622-0728 while supply last (7/15)

3 frame deep mostly-sealed brood nuclei with +/-3# of bees from NH colonies, with tested, clipped and marked New World Carniolan queen \$165. 2015 NW Carniolan queen clipped and marked:

\$31, shipped: \$36, honey qt. \$20, pt. \$12, propolis 2 oz. tincture \$16, fresh frozen pollen \$28 qt., lindenap@gmail.com, Linden Apiaries, 603-756-9056 (7/15)

Order your spring nucs now. Bees 5-frame nucleus colonies: Our Northern Survivor Stock bees are a hybrid mix of several strains, bred for test traits. We have developed a hardy, gentle, productive bee. Order for May through June pick-up. \$155 each with \$40 non-refundable deposit toward each nuc.

Please include your address and phone number. See our web site: www.vtbees.com or send a check or money order to: Singing Cedars Apiary, 77 Singing Cedars Rd., Orwell, VT 05760 (802)948-2057 (8/15)

Cattle

Purebred Polled Hereford heifers, one year old. Lull Brook Farm, phone # 802-436-2068 (7/15)

Registered Beef Shorthorn Bull. Dark red polled 2 years old. Increase vigor, production and

CLASSIFIEDS

- profit with proven Shorthorn genetics. Shorthorn and Shorthorn X cattle available for viewing the impressive results adding shorthorn genetics to beef productions. \$2300. 802-454-7384 (7/15)
- Two yearling registered Highland bulls ready for breeding this season, very tame. Champion genetics from almost 50 years of Highland breeding from the oldest registered Highland herd in the United States. Dams & Sires available for viewing each \$1900. 802-454-7384 (7/15)
- Black Angus 2 year old Heifer seven calf \$1600. Jersey Breed February \$1500. Pig - 400 lbs \$4300. Old Hens \$2 each. Red Angus Bull Calf seven \$1800. 802-229-4628 (7/15)
- Certified organic Jersey due in May with 2nd calf \$1500. Jersey Holstien Cross due May with 2nd \$1200. Holstein due June 1st calf \$1400. All certified organic 802-254-6982 (7/15)
- Small beef herd. 5 animals \$550 firm, will break up. 2 year old hen \$2. Roaster pigs \$200 802-229-4628 (8/15)
- (3) Yearling Highland Feeder Steers for Sale. Castrated, Immunized for Rabies and Dewormed. \$850.00 each or \$1500 for two. 802-454-7384 info@greenfieldhighlandbeef.com (8/15)
- Certified Organic Jersey For Sale. 1st calf Heifer- bred, due October 24th, polled, halter broke, nice looking animal sadly just don't need her. Asking 1700.00 or best offer. Please call Chantal 802-422-4704 leave message or chantal@farmandwilderness.org (8/15)
- Jersey and Jersey cross 20 to choose from. Georgia Vt. 802-524-9453 (8/15)
- Registered 8 month old Dexter bull calf. Dun, horned, PHA & Chondro free. Halter broke, trained to stanchion and handled daily. His dam is the smallest cow but biggest milk producer in herd. Calf is mature for his age with a beefy, square build. He will make an excellent sire for a dual purpose herd. \$800. (802) 333-7025. (8/15)
- Mini polled Hereford bull, registered, dark red, 18 mos. old, ready for service. Clarendon, VT 802-438-9845 (8/15)
- Angus Cattle for sale, all can be registered, good breeding stock, bulls, cows and heifers. Call 533-9804 or 533-2208 for prices. (8/15)
- Blonde Aquataine Cow Due to calve in September Louise has a great personality. She will eat grain from your hand. \$2,500 802-730-7887 (8/15)
- Polled Hereford Heifer great condition, dark red color, friendly used to being handled. 802-563-3281 (8/15)
- INT Dump tak 7 yards \$2500. INT 826 many new parts 4 new tires \$7000. INT 140 cultivators 1 pt plow, 1 pt harrow. Loader 12.500 Pettibone Super 10 Cary-lift \$7000 9 ton trl \$1000 JD 2 beater wagon model 116 \$1000 2008 load max deck dual axle & tires \$7000 802-848-2627 (8/15)
- Young angus bulls and heifers for sale call for more info. Also clean organic compost for sale Skyway Farms 802 558 8196 (8/15)
- Registered American Milking Devons for sale. 6 yr old cow Hickory/ heifer calf \$3,000. Yearling heifer \$1,500. Cow and yearling heifer lead, tie, great barn manners. Cow hand milks. Moved daily. \$4,450 for all three. 802-274-7826 Michael@vermontbiochar.com - pics (8/15)
- 1-3yr old black Angus bull for sale. DOB March 2012. call for details (413) 775-3776 (8/15)
- Jersey Bull-over 2 years old-gentle-\$800 (802) 438-5761(8/15)
- Angus Bulls - From registered herd, good genetics and dispositions. Greensboro, Vt. 533-9804 or 533-2208 (8/15)
- For sale 3 highland cattle yearlings \$2000 for all. 2 bulls and 1 heifer. Georgia VT (802) 527-2010. (8/15)
- Red Lowline full-blood bull calf born 6/11/15. Take when weaned \$4000. Have 2 1/2 yr old Lowline 1st calf heifer available to go with the bull calf \$6,000 for the pair or B/O Tel 603-848-2477. (9/15)
- Hereford & Hereford Cross Cows, some with calves at side. Please call Jon at 802-868-7097 (evening) or 802-868-3327 (day). (9/15)
- Jersey heifer born 5/13/15. Certified organic polled can be registered, \$275. 802-426-3331 carpfarm@fairpoint.net (9/15)
- Employment**
Now Hiring Person to maintain properties including lawn mowing, spring/fall cleanup and general yard maintenance. Position includes minor plumbing, electrical and building repairs. Apply in person to Westminster Farms 4187 US RT 5, Westminster, VT (7/15)
- Farm Manager- Spring Lake Ranch. Cuttingsville, VT. 65-acre therapeutic farm for people with life challenges. F/T with salary and benefits directing farm operation, ensuring therapeutic programming. Three years farm management experience required. Therapeutic farm background preferred. Send resume to tom@springlakeranch.org. (7/15)
- Business for Sale, West Swanton Orchards, Cider Mill and Gift Market, for information contact Steve at 802-868-4447 or Mike at 802-309-0507. (7/15)
- Herd Manager Wanted. Massachusetts grazing dairy seeks skilled cow person beginning September 2015 as full herd manager, or herdsman, depending on experience. Minimum 2 years' experience with organic dairy, grazing. Competitive pay, 5 days/week, paid vacation. Full description at <http://www.sidehillfarm.net/jobs/> (8/15)
- Butterworks Farm seeks PRODUCTION ASSISTANT to handle cleaning, storage, processing and bagging of grains and flours. Includes maintenance and regular cleaning of granary facility plus some dairy plant responsibilities. Email orders@butterworksfarm.com or call 802-744-6023 leave name and address for application. (9/15)
- Equipment**
100ft overhead hay elevator \$1000.00. 802-483-2644 (8/15)
- NH 305 side discharge manure spreader, \$1,000. New Idea 4 spinner tedder, \$750. 3 point hitch fertilizer spreader, \$100. Grimm tedder, \$100. Stainless steel quarter milker, very rugged and much better than plastic ones, \$100. Call (802)848-3885 or email fleu-rymaple@hughes.net.(7/15)
- NH H7220 discbine mower, 2012, \$15,000. NH 782 forage chopper with hay head, \$2,000. 2 Dion forage wagons, \$2,500 each. NH 28 blower, \$500. MF 124 baler with kicker, \$1,000. 3 steel kicker wagons, \$2,000 each. Contact: (802)848-3885 or fleu-rymaple@hughes.net. (7/15)
- JD 2800 Onland Plows- Auto reset...\$2000. JD F845- 4 bm Roll over plows...\$1400. Kuhn EUI Vertical mixer-scales..\$8500. Kidd Super 6-10 Round bale tub grinder..\$3800. JD 450 Hydra Push spreader- very good..\$3800. NH 213 spreader- exc..\$2800. NH 679 spreader- field ready..\$2200. 802-376-5262 www.youngsmilkywayfarm.com (7/15)
- Orleans County, Canadian Hay for sale, big squares, round bales, straw available, for more information call Richard at 802-31.3-3275 (7/15)
- Two Ferguson moldboard plows, two-bottom. One has 12" bottoms, the others are 14" with coulter. Both ready to use and in very good condition. These are three-point hitch plows. Can load. Your choice at 550.00 firm each. Please call 802-424-6567. (7/15)
- MF 2 Row Corn Planter with extra plates and original owners manual. Always shaded and in VG condition. Can load, please call 802-424-6567. 1250.00. (7/15)
- Appleton Steel EcoSaver Cow Foot Bath for sale. Minimizes manure contamination of foot bath solution with 2 parallel foot bath reservoirs connected with a stainless steel frame. Like new. \$450 OBO. 802-782-6418 (7/15)
- 25 CoPulse Pulsators with controller for sale. \$100 each OBO. 802-782-6418 (7/15)
- 1500 gallon Hesston Liquid Spreader, 3200 gallon Harvester Liquid tank, NH 680 tandem axle manure spreader, walking plow, potato Hiller, 2 Horse antique cultivator, three Babcock milk testers, Misc. stuff. Call Dick 802-885-4920 (7/15)
- Cedar fence posts for sale, unsharpened. 6' price at \$1.50 apiece and 5-5 1/2' for \$1.25. 10% bonus on orders over 100 pieces. Vince Foy, N. Danville, 802-748-8461. (7/15)
- 1460 JD Disc Mower/Conditioner, very good condition \$6,000. 1460 JD Disc Mower/Conditioner, needs repair \$3,000. Rhino Brush Hog (TW96) - 8' wide \$3,500 JD 3 bottom - 3 point hitch \$900. Call: 802-342-0286 (7/15)
- JF Model FCT 900 2 row corn chopper in excellent condition, with grass head never been used. \$15,000//Athens Model 156 Chisel plow 3pth w/wheels 7' wide 7 shanks new in 2011 \$2500//5 west-falia Autopuls C milking units with delaval claws Call Roger Wood 802-695-8818 (7/15)
- 1 Kuhn Knight 5127TR Veticle Maxx Mixer \$8500. 3 round metal hay feeders \$100 each. 802-222-4547 (7/15)
- 2008 Loadmak Goose Neck trl 28 foot deck, dual axle and tires \$7000, int 826 4 new tires many new parts \$7500. Pettibone Super 10 Cary-Lift model 104A forklift, log loader \$7000. 55 gal wooden

CLASSIFIEDS

- barrel with stand \$250
802948-2627 (7/15)
- 1992 L 800 16 ft Dump and slider body flat bed \$8500.
802-296-7718 (7/15)
- New Idea Maure Spreader model number 3615 150 bu mini tractor horse power 40, A-1 condition ready to work \$3500 or best offer. 802-485-8525 (7/15)
- International 56 2 row corn planter. 9 -10 grain bins excellent shape. 26ft round bale wagon all steel. 6' grain augers, 275 fuel tank. 12 -13 ton grain bins good shape. Massey Ferguson harrow good shape. Hay elevator 28 ft ggod shape 12 ton Victoria grain bin good shape, 82ft Hay elevator New Holland excellent condition, 30ft hay elevator good shape 802-895-4683 (8/15)
- 3588 2+2 International 9,500. 966 International 9,500 802-296-7718 (8/15)
- NH model 451 7' sickle bar mower 3PTH \$1800 with manual. Phoenix 5'x8' heavy duty trailer inspected \$600 Remington electric chain saw \$25 with manual 802-453-3169 (8/15)
- New Holland Baler model 66, 2 new rolls baler twine and operating instructions manual \$500 802-226-7755 (8/15)
- 1984 JD 410B Bucket Loader/Backhoe straight hoe 4WH DR \$9500 802-236-3412 (8/15)
- 1990 Featherlite Aluminum trailer 7x18 air over hydraulic breaks used only to take pair of oxen to six or eight fairs per year, good condition \$6000 firm. Ox yokes 6 to 11" \$100 - \$300 each. 603-542-7626 (8/15)
- JD 230 25' wing fold disc Harrows good condition \$5000 OBO. Brillion 12" seeder with transport wheels need some work \$1500 OBO. 802-223-1370 or 802-272-3478 (8/5)
- Duetz Fahr KH 400, Tedder 13ft. 1 side broken, but many good parts \$100 802-592-3088 (8/15)
- Complete Circular Sawmill: #1 Lane steel carriage and track - Glover Feed - log turner - live deck with stop and load - Miner 3 saw edger - sawdust blower - powered by 671 Detroit. \$25,000 802-824-5228/802-824-5037 (8/15)
- 2005 JD 457 silage special twine only. 1988 NH 316 baler with thrower. JD 246 corn planter, JD #8mower, new idea 3pt fertilizer spreader (413) 458-3424 (8/15)
- 2005 John Deere 2210 Compact Utility Tractor, 3cyl 23hp diesel, 62" JD mid mount mower deck, 3pt hitch JD 647 4' rototiller, 1100 hrs, runs great, always kept indoors, \$9,000 Hathaway Farm, Rutland 802-775-2624 ihathaway@hathawayfarm.com (8/15)
- 10 ton trail boss tilt bed trailer. In very good condition \$6000 OBO. 6 ton cam tilt bed trailer in very good condition \$3600 OBO 802-542-9315 (8/15)
- New Holland #790 Chopper with Wide Grass Head and 2 row corn head. There is also a preserve applicator \$5500.00 802-472-5022 (8/15)
- Rossi 17'tedder in excellent condition \$1700. Grimm ground-drive tedder, completely rebuilt: sand blasted, painted, new tires, tines & belt, \$1000. 802-439-9132 (8/15)
- Horse drawn hay loader #7 & #9 McDeering Mowers. Grimm Tedders Big #4 -JD Mowers 603-738-3839 (8/15)
- New Hollard 892 Chopper both hay and two row corn heads. International NO 56 ailo blower short hopper with auger feed. 802-372-4513 (8/15)
- 14T NH baler w/ extra baler parts,new knotter,power take-off driven, \$2500, NH cutter/crimper, 7ft., rolls decent, 2 extra cutter bars, \$1400, Farmhand side delivery rake, 5 wheel, w/extra parts, \$800. All decent shape. 802-875-3659, evenings best. (8/15)
- NI 3639 Man Sprdr..\$3800.
- JD 1350 Disc Mow..\$5500. Duetz Fahr Rnd Baler..\$5200. JD 530 Disc Mower..\$9500. Miller Pro 1100 Rotary Rake..\$3600. JD 260 Disc Mow..\$3800. Kuhn Knight 8114 Man Sprdr..\$10,000 JD 131 Front Disc Mow..\$8500. JD 915 Disc Mower..\$6400. 802-376-5262 www.youngs-milkywayfarm.com (8/15)
- For Sale: New Holland BR7060 round baler with bale processor and net wrap. New condition only 2,400 bales. Asking \$24,500. New Idea 5212 discbine in good condition. Asking \$6,000. Ag-Wrap ECO 4-5 bale wrapper. Asking \$4,500. Call Dave 802 318-3208(8/15)
- Meadow Brook horse cart for sale. Excellent condition and ready to enjoy. \$600 Leather harness also available. Call Julie 802 324-5563 or email lanes@snowfarm.com (8/15)
- Diesel generator, 8KW run, 10KW peak. Brand new with less than one hour on it. I bought it to use as automatic backup power and it won't work for that purpose. 802-316-7815 (8/15)
- IH three-bottom moldboard trip plow in very good condition with matching coulter. No welds and field ready. 750.00. Pics on request. Please call 802-424-6567. (8/15)
- KM Vicon 281 Case Hay Mower. Needs minor welding work but in very good condition. \$3500. Call 802-582-9026. (8/15)
- 12.4x24 tractor tire, good condition \$100 obo. 2 milking machine pails (no covers), 80# and 65# \$400 obo, will separate. Bedding chopper, with new motor that needs to be installed, \$100 obo. 802-433-5870, (8/15)
- Richardson 700 side dump wagon on flotation tires-operates like new-oiled and under cover \$11,000.00. Gehl CB 865 Chopper and 2 heads, 1000 PTO Tandems Electric controls Good shape \$7500.00. Bale Basket Good Shape \$2500.00 Fairlee 802-333-4840 (8/15)
- 2 TITAN Industrial Lug Tractor tires, size 17.5L - 24, Mounted on Case/IH rims. Tires have very little wear and are loaded. Asking \$750.00 each or \$1,300 for the pair. Call Mike at 802-247-2898, please, no calls after 6:00 p.m. (8/15)
- Allied Grain Chute/Auger For Sale. Call 802-782-8833 (8/15)
- 2 Weaverline stainless feed carts model 430 Hydrostatic 802-375-5795 (8/15)
- 1948 2n Ford Tractor good rubber, good tin, will run \$1000. 1939 Farmall tractor needs work \$800. 603-256-3202 (8/15)
- Tubular gates 10'-12' comes wthi post and hangers \$45-\$150. 8 flat gates no hardware 12'-14' \$25-\$40. New Idea manure spreader good condition ground driven, \$800. 802-295-2910. (8/15)
- John Deere 430 Farm Tractor 1959 \$3200 runs good. DR rototiller 36" Briggs and Stratton motor, to be pulled behind ATV or garden tractor. Excellent condition \$2200 802-463-3190
- E-mark 5K wind turbine 80ft tilt-up tower one sma windy boy 6000 unit inverter. manuals wiring diagram assembly instructions never up cost \$11,000 will take \$6.500 obro (802) 393-4156 (8/15)
- Tedder, made in Canada by Jo-Ber excellent/with large tires\$3,500. Mower, John Deere #9 in good condition \$1,000. Franklin, VT please contact by email if possible as I'm not usually in the house. gpsnavigator@yahoo.com. Otherwise, 802-285-6338 (8/15)
- John deere side delivery hay rake it is field ready it has been greased and serviced. It is in very good condition. asking 1500.00 or best offer. call 802-537-3233 sdkelly@shoreham.net (8/15)
- Solar 410 gallon bulk tank with compressor for sale. Works great! Call 802-586-2406. (8/15)
- GMD 66 Kuhn 3 pt hitch disc mower for sale. Great condition \$5,000 (413) 775-3776 (8/15)
- Heavy duty 4 ft. barn fan-\$500. Gehl Hopper Blower-\$800 (802) 438-5761 (8/15)
- Hesston 1090 mower conditioner - \$1850.00, Hesston 4500 square baler with kicker - \$3300.00
- Call 802-948-2774 (8/15)
- MF 543 4WD with 630 hours-\$19,000 - call Rod @ 423-746-9937 or email @lsantaw99@gmail.com. (8/15)
- GOOSENECK FLATBED: For sale 1998 Mid Atlantic goose-neck flatbed trailer. 16'L x7'W, 1 owner, low mileage, good condition. \$2675.00 obo. 802-728-4152 (8/15)
- KUHN EL62-180 ROTOTILLER - 70 inches; Heavy Duty, Commercial, Industrial machine with 20-30 hours on it. Retail for \$5,500. Asking \$3,000 or B.O. (8/15)
- Pequea flare top kicker rack asking \$2500 2 Hay elevators 16' and 20', w/ motors, asking \$500 and \$600. Drive unit for Jamesway Shuttlestroke gutter cleaner w/ motor, make an offer! Butternuts, too. The Corse Farm Dairy, Whitingham, 802-368-7192 before 8 PM, leave message. (8/15)
- For sale Richardson 700 side dump wagon on flotation tires-operates like new-oiled and under cover \$11,000.00. Gehl CB 865 Chopper and 2 heads, 1000 PTO Tandems Electric controls Good shape \$7500.00. Bale Basket Good Shape \$2500.00 Fairlee 802-333-4840 (8/15)
- Allis Chalmers 185, 75 hp, low hours, new tires and rims, good transmission, \$7500. Allis Chalmers 180 with Allied loader, 65 hp, wheel weights, 3 pt hitch cement weight, new tires and rims, good transmission, \$7500. Contact 802-848-3885 or fleurymaple@hughes.net. (9/15)
- NI 5209- 9' Disk mower/cond..\$5500. NH 408- 8' Disk mower/cond..\$5500.

CLASSIFIEDS

NH 256 Rake w/dolly wheels, exc...\$2150. NH 310 Baler- nice...\$3800. Several Harrows & Plows- 3btm plows/ 8-10' Disk har/ 16'-3ph Spr tooth har-\$850. Each. Woods 6' Finish mower- 3ph-Used only 1 yr..\$1650. Woods 5' Finish mower- 3ph..\$750. 802-376-5262 www.youngsmilkyway-farm.com (9/1 5)

1979 F-700, 2 1/2 ton Ford Dump Truck. Very good tin, very good tires. Needs Alternator and break line, and it will need a fuel pump. Hear it run. Make good farm truck. \$600.00. 802.222.5123. (9/15)

2 Trelleborg radial tractor tires 9.5 x 24 like new. \$450. 72" JD 540 utility bucket for 5000 tractors worn \$200.00. 1 set JD 3 point hitch link arms for 5000 series tractors, new unused \$150.00. Call Mark 802-879-0391 Westford (9/15)

Gehl CB865 Chopper and 2 Heads;1000 PTO; TANDEM;ELECTRIC CONTROLS;GOOD SHAPE \$7500 Fairlee-3334840 NOTE___ Replaces add starting Richardson 700 -Steve (9/15)

Anderson RB 9000 inline bale wrapper. Really beautiful condition, ready to work. \$17,000. 110 tlb with backhoe. \$20,500. Nice shape. email pete@petesgreens.com for photos of either. (9/15)

Attention veggie farmers. Demaitere NM89-30 soil blocker with seeder and vermiculite applicator, very little use. These are very hard to find in the U.S. \$13,000. Email pete@petesgreens.com for photos. (9/15)

1988 Ford 2110 Tractor, 4x4, Loader, 3 point hitch, good tires, 2575 hours, runs and works well, has been well maintained. \$11750 o.b.o. Double ring chains are included with the tractor. Please call 603 252 0063 (9/15)

JD 346 baler w#30 ejector, 2 steel 9'x8' hay wagons, 40' hay elevator, 100' hay mow

elevator w/hangers & diverters. Call 802-438-5720 (9/15)

Kubota tractor m9000 cab 2wd 3800hrs \$15000. H&S manure spreader 175 bushel 2yrs old \$5000. New Holland #790 2 heads very good \$5500. 802-472-5022 (9/15)

28 ft Hay elevator excellent condition. 82 ft Hay elevator New Holland. 9 to 10 ton grain bin excellent shape. 11 to 12 ton grain bin good shape. International corn planter 56 excellent shape. 7.5 Horse power universal pump good shape. 802-895-4683 (9/15)

New Holland 892 Chopper both hay and two row corn heads. International NO 56 silo blower short hopper with auger feed. For price 802-372-4513 (9/15)

Deerborn 3 pt site delivery rake with extra new teeth \$600 OBO. New Idea pull type side delivery rake needs some new teeth \$600 OBO 802-254-6982 (9/15)

Int 826 4 new tires \$6500. Int 140 cultivation plow harrows loader \$125000. Pettibone super 10 cary lift \$7000. 9 ton equ trl \$1000. JD 2 beater wagon \$1000. 2008 load max trl 12 ton \$7000. 802-948-2627. (9/15)

2 wheel horse harrow excellent shape \$150. Mitsubishi sap or water pump 1" 1742 gals PH \$100. 015 Stile chainsaw 90. 802-674-5044 after 5. (9/15)

1971 John Deere 2520. 65-70 HP. In Excellent Shape. Asking \$8,500. Phone: 377 - 5455m (9/15)

Farms & Farmland

10 acres for lease in Brandon near Woods Lane. Formerly in winter rye and soybeans. Not organic until 8/16. Looking for long term lease for no spray or organic management. Phone

802-453-6997 (7/15)

Organic Farm Middlebury , 13 acres, open sandy, loam soil. Fully fenced New barn 36x48. 10 yr old 1600' modular home with recording studio in basement. Beautiful

setting, ideal for organic livestock, vineyard, berries, dairy or horses 802-989-2171 (8/15)

Farmhouse, 110 acres, 320' west facing Lake Champlain frontage. 4 bedrooms, 3 full baths, in-law apartment. Hayfield, pasture, woodlot. Could be certified organic. 120' cow barn with some equipment. Great homestead or agri-business. \$495,000. Isle LaMotte 802-928-3480 or atmaas@gmail.com (8/15)

Farm for Sale in Granville, VT - 48 acres - includes 40 acres tillage. House, tool shed and barn. Land protected by conservation easement and option to purchase at ag value. Vermont Land Trust seeks buyers who will farm commercially. \$190,000. Call (802) 533-7705 or www.vlt.org/bagleyfarm (8/15)

MR Harvest Farm for Sale-16 acres. Organic Market Farm. Ready to go with equipment. Large Pole Barn, 2 large coolers, prep-room, 5 hoopouses and more. Impressive revenue. Grand Isle. Call Tom at 802-372-8922 or email tom@mrharvest.com (9/15)

General

Polaris Sportsman X2 500 EFT 2007 Winch, cover 150 miles, kept inside \$4700.00 802-728-6077 (8/15)

Garland Stove 6 burner vintage 1960s great for canning vegetables or syrup. Oven needs new thermo couple \$300 802-592-3088 (8/15)

Border Collie puppies. 5 female and 2 male. 5 black and white and 2 red and white. They will have their first round of shots before they go. We have both parents. \$400.00 each Terry Bruce 802-342-0612. (8/15)

Cheese plant for sale. 50 gal vat pasteurizer, cheese vat and all equipment. Plant ran on low pressure steam. 802-755-6349 or kkirchner@hughes.net \$18,500 SOLD Only as a complete unit.

The original DR Power wagon with sulky and extra bed(they no longer sell) elec start 6.75 engine. Runs just as strong as



ever, \$1000. 802-635-7027 (8/15)

Firewood mixed hardwoods 4 foot length \$150.00 a cord picked up. Please call 603 256 8422 (8/15)

Timbers for a 24' x 28' building located in Peru, Vt. Asking 3750.00 or best offer, cutting available. Also have a snow roller we used for sleigh ride trails. 400.00. 802 297 1468 or 802 855 1939 (9/15)

Hay, Feed & Forage

First cutting, never wet, 35# bales, \$3 per bale. About 50 bales available. East Thetford. 802-785-4247(6/15)

Organic first cut hay for sale, small square bales, never wet, \$3.50 at the barn, Monkton, Last Resort Farm 453-2847 (6/15)

Organic dry round bales, 1st cut. Franklin county Georgia Vt. 802-524-9453. (8/15)

Square Baled Hay. 2015 crop. Excellent quality, mixed grass with some clover. \$3/bale in the field. \$4/bale in the barn. South Woodstock, 802-457-3779. (9/15)

ADDISON COUNTY

Excellent hay, small square bales \$3.85 per bale. Delivery possible. New Haven 802-377 - 5455 (9/15)

Goats

Portable goat milking stand 24"x48". 2 pieces, folds for transport, expanded metal, like new \$220. 802-755-6349 (8/15)

Nubian X Alpine goats for sale from small organic herd with top milking lines. Healthy, handsome black with white markings and horns: sweet-heart yearling buck; yearling doe; two year old mother and April daughter combo; April

buckling. Penelope 802-723-4014 (9/15)

Horses & Other Equine

Draft horse equipment for sale. Pioneer forecart, \$800. Pioneer forecart with logging arch, \$1500, Pequa 80 bushel ground driven spreader, \$3500, I&J one row draft cultivator, \$1200. (802) 434-7732 (8/15)

Percheron draft pair for sale. These boys need a job!

Gelding pair 8 & 9 year old, hard working and willing. \$5000 for the pair includes D-Ring harness set. Used for logging, tilling, cultivating, and manure spreading (802) 434-7732 (8/15)

Connemara Cross mare - 14.2 hands, 13 years. Bay-English/Western- good on trails-dislike ring work! Easy keeper-nice manners. Calm on trails in company. Make an offer. lsreuther@gmail.com 802-483-9321 (8/15)

Horse Equipment

24 yy 15.3 h Molly Mule out walks most horses, easy keeper will get along with most horses, donkeys, not crazy about sheep. Not for an inexperienced rider. Loads good for farrier, vet utd shots \$550 OBO. 802-353-8656 have-wool@gmail.com (8/5)

Antique cutter sleigh in parts and pieces. Great restoration project. lsreuther@gmail.com 802-483-9321 (8/15)

For Sale: 1976 Hartman 2 horse trailer. Good condition, stored under cover in Chelsea, inspected.

Asking \$1000. David Childs, Orange. 476-6748 or email dsamchilds@aol.com. (8/15)

Poultry & Rabbits

20 Black Sex Link pullets born October 1st, starting to lay

CLASSIFIEDS

for \$15 each. 12, 2 year old hens \$4 each. (802) 325-3312 (6/15)

Retirement Sale - Mille Flleurs, Seremas, Buff Orpingtons and fan-tailed pigeons for sale. Call 802-694-1602 or email - bonnehagenfarm@gmail.com. (7/15)

Dwarf baby rabbits, aged 4 1/2 months. Males and females, brown and white with brown markings. Accustomed to being handled by children. \$20 each or two for \$35. Call 802-235-1133 or email orchardnubians@aol.com (8/15)

Sheep

Border Leicester ewes and lambs for sale \$100 -\$150 each. 802-592-3320. (6/15)

Dorset ram lambs. Born 12/25/14. Weaned and ready to go. From robust flock cul-

tivated for good growth on pasture, parasite resistance and good mothering. \$200 each. Call 229-4096 (7/15)

ICELANDIC Sheep - RETIREMENT SALE- Entire remaining herd: 9 bred ewes, 3 white yearling ewes, and 3 rams (2 white and a spotted). See pedigree on CLRC electronic herd book - member # 5353585. Make an offer. View sheep on Facebook - Bonnehagen Farm. Contact by phone - 802-694-1602 or email at bonnehagenfarm@gmail.com (7/15)

Sheep flock of 4 Ewes, 1 Ram Tunis Breed, 3 yrs old \$1200. 802-728-6077 (8/15)

Katahdin ewe with 2 ewe lambs. Purebred not registered. Katahdins are hair sheep- no shearing & 25% more energy for meat = great

flavor and finish size. Boost, start a flock with great health and genetics. \$700 for 3. 802-274-7826. (8/15)

Reg Border Leicester 4 yr old halter broke ram \$250. OBO 802-375-5795 (8/15)

Electric sheep shears, very little use, comes with carrying case and extra blade \$300 new asking \$150. 802-635-7027 (8/15)

JACOB SHEEP need a new, good home. 3 ewes & 1 wether. Purebred, beautiful, hardy, easy keepers, great wool, 2 & 4-horned, quite showy. 2 registered. 8 & 9 years old. \$350. 802-899-4180 or julia-vblake@comcast.net (8/15)

Wanted

Reg. Polled Hereford bull, breeding age. Lull Brook Farm, phone # 802-436-2068 (7/15)

3 bottom plow, grain drill, manure spreader, backhoe for John Deere 5085 tractor and field wagon. 802-533-9325. (7/15)

Tractor chains 50% or less worn to fit a 16.9 x 38 tire. A Disc plow. Used 3 pt hitch backhoe used, reasonably priced. John Deere 14T complete PTO set-up to buy or make trade for motor. 802-759-2421 Leave a message (7/15)

Dairy cattle, heifers, beef cattle, bulls, steers, veal, calves, sheep 413-441-3085 (7/15)

Two row disc style (as opposed to shovel style) corn planter in good condition with additional plates for corn and various beans 802-316-7815 (8/15)

In fair shape -not too rusty "York rake" for small team of equines 4x6 or 4x8 802-353-

8656 (8/15)

1000 Gallon Fuel tank on skids. Must be in good shape Starksboro 802 453 2918 (8/15)

I need a wood splitter capable of splitting 30" minimum blocks for sugaring. PTO or gas-powered acceptable. Please reply at ablaifall@yahoo.com or text 802-356-1086. No voicemail. Thanks! (8/15)

Wanted Used 16 foot silo unloader in good working condition Wanted 300 feet of Jamesway gutter cleaner chain in good condition Phone 802-746-8979 Robert Ketchum (9/15)

Small to medium PTO or belt driven corn sheller. 802-316-7815 (9/15)

Vermont Vegetable and Berry News

continued from page 10

newsletters/july_9_2015_vegetable_notes_0.pdf

Here are some things that have come into the clinic:

POTATO: Late blight - so far found in Hinesburg and Craftsbury. Scout your fields! Lesions are nickel sized and start higher in the plant since they "rain" out in storms. The leaf underside will show white sporulation under moist or humid conditions. It is such an aggressive pathogen, you need to keep tissue repeatedly covered with fungicides. (editor's note: we were unable to get the company to sell EF400 into VT, hopefully we can trial it next year.) Continual reapplication is necessary due to all the unprotected new growth and the normal weathering and break down of the products. Also, if we get a heavy downpour of 1-2 inches, that is enough to wash off recently applied fungicides so reapplication is necessary. If the weather turns warm and dry, the

disease will die down, but will pick back up when the weather conditions are conducive. Rain, fogs, dews and high humidity all are favorable conditions for the disease. Early blight also prevalent now. This fungus causes a bulls-eye spot, often with an advancing yellow margin, on the foliage and typically starts lower in the plant. Fusarium stem rot was diagnosed. This disease causes blackened stems and a meltdown of the plant. Can also look like black leg (bacterial). This is usually hit or miss in the field. Potato leaf hopper and 'hopper burn' is early this year. The insect blows in on storms and causes scorching on the leaf edges on the foliage of beans, potatoes and other crops. <http://ento.psu.edu/extension/factsheets/potato-leafhopper>

TOMATO: no reports of late blight. Please let us know/send a sample if you suspect it. Leaf spot diseases (Early blight and Septoria) should be picking up and starting on the lower foliage. These diseases can remain

low in the plant or can move up through as the season progresses. It just depends on how much rain we get. Lots of calls about Mg deficiency in high tunnels-chlorosis between the leaf veins low in the plant. As long as it stays low, no worries. Also some concern from growers on physiological leaf curl or roll in tomato. <http://cru.cahe.wsu.edu/CEPublications/PNW616/PNW616.pdf>

I suspect Botrytis and leaf mold (yellow spot on upper leaf, velvety purple/brown spores on the undersides) will be a problem in poorly ventilated houses.

BASIL: No downy mildew yet. Looks like nutritional disorder on the upper side of the leaf and looks dirty (spores) on the underside. <http://vegetablemndonline.ppath.cornell.edu/NewsArticles/BasilDowny.html>

Fusarium wilt diagnosed in greenhouse basil. Lots of stem browning. See link for info and pictures. <http://growingsmallfarms.ces.ncsu.edu/growingsmallfarms-fusariumbasil/>

Also watch for four-lined plant bug damage. This sucking pest causes angular black leaf spots that look like a disease.

CUCURBITS: While scouting we have seen squash vine borer adults in So. Burlington but no damage yet. Look for wilted plants and check for frass at the base of the stem. http://www.extension.org/pages/65684/biology-and-management-of-squash-vine-borer-in-organic-farming-systems#.VZ_72fn1Zps

This wet summer is perfect Phytophthora weather. This fungus-like organism has a motile spore that swims in water and is attracted to plant roots. If you notice a wilt or blackened canker in your peppers, cucurbits, beans and your soil is poorly drained or you noticed standing water this can be a huge problem. You need a multi-pronged approach to deal with this soil borne disease. http://vegetablemndonline.ppath.cornell.edu/factsheets/Cucurbit_Phytoph.htm
ONIONS/GARLIC: Downy

mildew seen at Intervale. http://vegetablemndonline.ppath.cornell.edu/factsheets/Onions_Downy.htm

Thrips and damage noted at the Hort Farm in So. Burlington. White rot of garlic diagnosed. Lots of dying plants and lots of black sclerotia (hardened overwintering fungal bodies) on the bulbs. Growers will move out of this field and go to new ground plus carefully examine all garlic that they use for seed. <http://plantclinic.cornell.edu/factsheets/garlicdiseases.pdf>

LETTUCE: bottom rot (Rhizoctonia) common at one farm due to wet weather.

Upcoming Events

Organic strawberry production, vegetable equipment field day in Hudson Valley (European cultivators), growing greens short course, cover cropping, Pest ID, tunnel tomato workshops and more...mark your calendars. <http://www.uvm.edu/vtvegandberry/?Page=meetlist.html>

Sigler Farm Donation Will Pave the Way for New Opportunities at Vermont Tech

By Amanda Chaulk, VTC

When Vermont Technical College President Dan Smith approached the Vermont State Colleges Board of Trustees with a proposal to accept the Sigler family's donation of their 350-acre dairy farm in Norwich, VSC Chancellor Jeb Spaulding had reservations.

But Smith had a vision for Norwich Farm. He saw the gift as an opportunity to expand Vermont Tech's commitment to Vermont farming, Vermont dairy and the working landscape, while diversifying and exploring an innovative new model for the delivery of applied agricultural education.

On June 18 – a beautiful, sunny day in Norwich – the college celebrated Andy Sigler's donation and President Smith's leadership during a press conference at the college's second and newest farm. Norwich Farm will join the college's Water Street farm in Randolph, allowing Vermont Tech to diversify its programs and broaden its academic offerings. Vermont Tech will use Norwich Farm as a working dairy farm, allowing the Randolph farm to explore beef production. Vermont Tech also is pursuing additional partnerships that will sustain and expand student exposure to the equipment and practices of middle- and large-scale dairy operations through externships and site visits.

To successfully maintain

its second farm, Vermont Tech has forged a partnership with the Upper Valley Land Trust (UVLT) to transfer title of the open land to the trust for \$300,000. The funding will help the college pay for maintenance and transition of operations in Norwich. In addition, the UVLT has proposed a contingent purchase option that would allow it to acquire the remaining property if the college chose to discontinue the enterprise. At a time when the college is facing financial challenges, this strong partnership offers a way to mitigate the risk to Vermont Tech while opening the door to innovation.

Built in the 1990s, the Norwich Farm property includes three residential buildings and multiple barn buildings. Starting in fall 2016, Vermont Tech plans to begin offering an intensive residential education in agriculture to strengthen students' relationships with peers and instructors. Working at the 48-stall dairy farm from 4 a.m. Monday through 5 p.m. Friday, students will have more direct responsibility, consistent instruction and hands-on learning to increase their practical knowledge and experience. The Upper Valley location, close to Interstate 91, also will allow students quicker and easier access to field trips and farm visits throughout the state.

"Students will know the intensity of dairy farming firsthand even after the first few weeks of their semester at the Norwich Farm," explained Chris Dutton,



Students will get hands-on experience at VTC's new Norwich Farm. Photo Courtesy of VTC

associate professor and director of the Institute for Applied Agriculture and Food Systems at Vermont Tech.

The addition of the dairy lab in Norwich opens the door to educational opportunities for VTC alumni and the Upper Valley region's 70,000-plus residents. With its proximity to central Vermont and New Hampshire, the Vermont Tech's new site, part of its Institute for Applied Agriculture and Food Systems, plans to also offer short, hands-on courses in dairy processing and value-added production like yogurt and cheese-making, along with summer camps, after-school programs and school field trips, serving a wide range of ages and interests. The college is exploring the use of the farm's modern meeting and classroom spaces for events and conferences and the use of the Norwich Farm as an incubator for value-added dairy and food start-ups.

"Vermont Tech is grateful to the Sigler family for their generous gift," Smith said. "In making their donation, the Siglers recognized the long-term value for the Vermont economy, communities and the dairy industry as a whole.

The farm will have a lasting impact on the working landscape, the Vermont dairy and farm industry, wholly in keeping with Vermont Tech's mission. We are proud to play that role."

THE CEO reports to US



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