

AGRiVIEW



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Cabot Creamery Cooperative Receives U.S. Dairy Sustainability Award for Real Farm Power™ Program

Effort to Reduce Food Waste and Energy Use Has Cows Providing Cream and Electricity for Cabot Butter

By Laura Hardie, New England Dairy Promotion Board

Cabot Creamery Cooperative has been recognized with a 2016 U.S. Dairy Sustainability Award for Outstanding Dairy Processing & Manufacturing Sustainability. The cooperative was selected for its Real Farm Power™ program which is the latest in a series of sustainability projects pioneered by the 1,200 dairy-farm families of Agri-Mark dairy cooperative, owner of Cabot Creamery Cooperative. The program takes a closed-loop approach, recycling cow manure, food scraps and food processing by-products to produce renewable energy on a Massachusetts dairy farm.

The Innovation Center for

U.S. Dairy®, established under the leadership of dairy farmers, announced its fifth annual U.S. Dairy Sustainability Awards during a ceremony May 11 in Chicago. The program recognizes dairy farms, businesses and partnerships whose sustainable practices positively impact the health and well-being of consumers, communities, animals and the environment.

Real Farm Power™ reduces greenhouse gas emissions by 5,680 tons annually while generating 2,200 megawatt hours (MWh) of clean, renewable energy per year to offset the power needed to make Cabot™ butter. The \$2.8 million project is expected to have a six-year payback, and it offers a blueprint for scaling

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Members of Cabot Creamery Cooperative accept the 2016 U.S. Dairy Sustainability Award for Outstanding Dairy Processing & Manufacturing Sustainability in Chicago, Illinois on May 11, 2016. From Left to right: Amanda Freund of Freund's Farm Market and Bakery, Ann Hoogenboom of Cabot Creamery Cooperative, Steven Barstow II of Barstow's Longview Farm, Phil Lempert journalist and the Supermarket Guru, Caroline Barstow of Barstow's Longview Farm, Jed Davis of Cabot Cooperative Creamery, Marie and Eugene Audet of Blue Spruce Farm, and Bob Foster of Foster Brothers Farm.

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THE VIEW FROM 116 STATE STREET

June is National Dairy Month. In light of that fact, I'd like to take a moment to honor Vermont's dedicated dairy farming families and highlight some of the many ways they help to shape our economy, our land, and our way of life.

In 2015, the Vermont Dairy Promotion Council commissioned an economic assessment of Vermont's dairy industry in order to understand its true economic value to our state. Concurrently, the Agency of Agriculture worked in partnership with the Castleton Polling Institute to survey Vermonters' beliefs and attitudes towards the dairy industry.

Compiled in the final report, *Milk Matters: The Role of Dairy in Vermont*, the results of the economic study demonstrate that dairy remains at the heart of the Vermont economy—accounting for 70 percent of all agricultural sales in the state, providing thousands of jobs, and contributing to a vital working landscape. Likewise, polling data revealed Vermonters' views about dairy are overwhelmingly positive. Over 90 percent of Vermonters polled in the 2014 "Dairy in Vermont" survey expressed a belief that dairy is "very important to Vermont's future."

While the economic outlook for dairy remains strong, significant challenges lie ahead, including labor management, farm transitions, and environmental impact mitigation. Protecting and preserving our state waters continues to be a top priority for the Agency of Ag as we work side-by-side with Vermont

farmers to improve regulations, and provide more effective technical and financial assistance.

Thus far, more than 1800 individuals – many of them dairy farmers - have attended over 80 meetings hosted by VAAFM and our Water Quality Partners since October last year to participate and provide comments in the Required Agricultural Practices (RAPs) rule-making process. A key component of Act 64, Vermont's Clean Water Act signed into law in June of 2015, the RAPs are designed to further reduce the impact of agriculture on water quality across the state. Input from dairy farmers and community members has been invaluable to the VAAFM and our partners, as we work to implement Act 64. (See page 7 for more information about RAPs, and details about upcoming public hearings.)

By working together, we can continue to expand the positive influence the dairy industry has on our state, and perpetuate the proud tradition of Vermont dairy farming for generations to come. Please review the data highlights from the Milk Matters Report on the following page, and take a moment during National Dairy Month to appreciate Vermont dairy farmers and all they do for our special state.



Chuck Ross

Cabot Creamery Award

continued from page 1

anaerobic digester technology to small- and medium-sized dairy farms.

"Every year in the U.S. it's estimated that up to 40 percent of all the food produced is thrown away — that's 133 billion pounds of

food," said Jed Davis, Sustainability Director at Cabot Creamery Cooperative. "In partnerships with our farmers we've found a way to keep resources, like food byproducts, in a continuous cycle of re-use for as long as possible toward a goal of zero-waste-to-landfill."

An example of the Real Farm Power™ program begins with Geissler's Supermarket stores in Connecticut where food scraps are collected and delivered to Barstow's Longview Farm, in Hadley, Mass.

At the farm, the organic material is put into an anaerobic digester

that blends it with the farm's cow manure and food processing byproducts from dairy processing, citrus processing, vegetable canning, breweries, sugar production and more.

In partnership with Vanguard Renewables, the renewable energy produced by the anaerobic digester is sent in the form of energy credits to the Cabot facility in West Springfield Mass., where the farm's milk is processed, and offsets all of the energy needed to make Cabot butter.

"This process is the ultimate

closed-loop recycling model – the food waste from the grocery store goes to Barstow's Farm and is converted into power and natural fertilizer to make more food that

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Barstow Family of Hadley, MA: The Barstow's Longview Farm in Hadley, MA receives 14,000 tons of organic food waste in total each year from 15 different food companies. The farm was recognized on May 11 in Chicago with a national U.S. Dairy sustainability award for their part in the Real Farm Power™ Program.

Editor's Note

Now, more than ever, Milk Matters. As an important supplier of milk to New England and a key economic engine in the Vermont economy, dairy supplies thousands of jobs and significant income from wages and salaries--along with secondary benefits to local agriculture, real estate, and tourism. Just as the open pastures and rolling hills of Vermont's dairy farms help define its landscape, dairy remains inextricably tied to Vermonters' image of their state. Vermont certainly would look very different without it.

Visit www.vermontdairy.com to learn more about the impact of Vermont's dairy industry.

— Hannah Reid (Interim Editor)

Vermont Dairy Is: Critical to Vermont Agriculture

The Role of Dairy in Vermont Agriculture

According to the 2012 agricultural census, 12% of Vermont's 7,338 farms are dairy farms, but their impact on Vermont's agriculture is much greater. Roughly 80% of Vermont's farmland is devoted to supporting milk production, as farmers use their land to grow corn as grain and silage, and to grow grass for pasturing. This keeps feed purchasing dollars local, and reduces transportation costs and energy associated with purchasing feed elsewhere.



Small State, Big Impact

63% of milk produced in New England COMES FROM VERMONT⁷

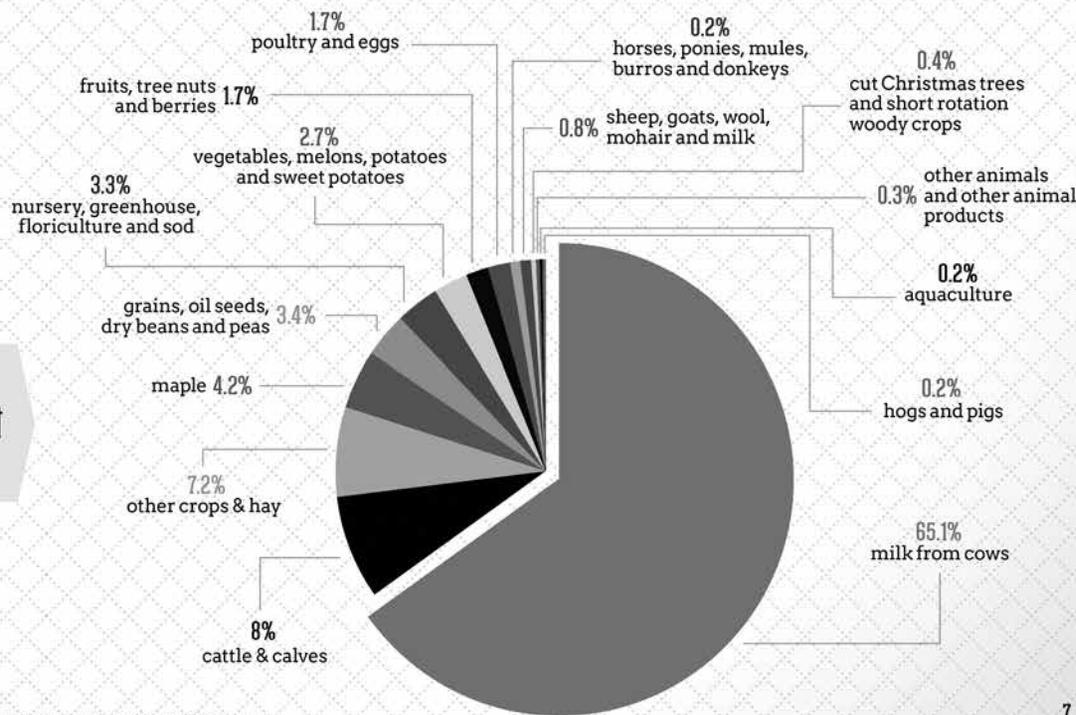
15% OF THE STATE is covered by dairy farms and the fields that provide their feed



OVER 80% of Vermont's farmland is devoted to dairy and crops for dairy feed

Share of Agricultural Products Sold in Vermont

[based on market value]



Milk generates more sales than any other Vermont agricultural product...

US Census of Agriculture 2012: Ranking of Market Value of Agricultural Products Sold, Vermont

DAIRY IS 70% of Vermont's Agricultural Sales

this figure is based on direct sales from farms, including milk and (partially) cattle and calves.



VERMONT AGRICULTURAL CREDIT CORPORATION
 Financing for Vermont Farmers, Agricultural Facilities, and Forest Product Businesses

www.veda.org 802-828-5627

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

Vermont's economy is small—just 0.2% of the US economy. But we produce more than 1% of the nation's dairy products.

that's **5x** our "economic share"

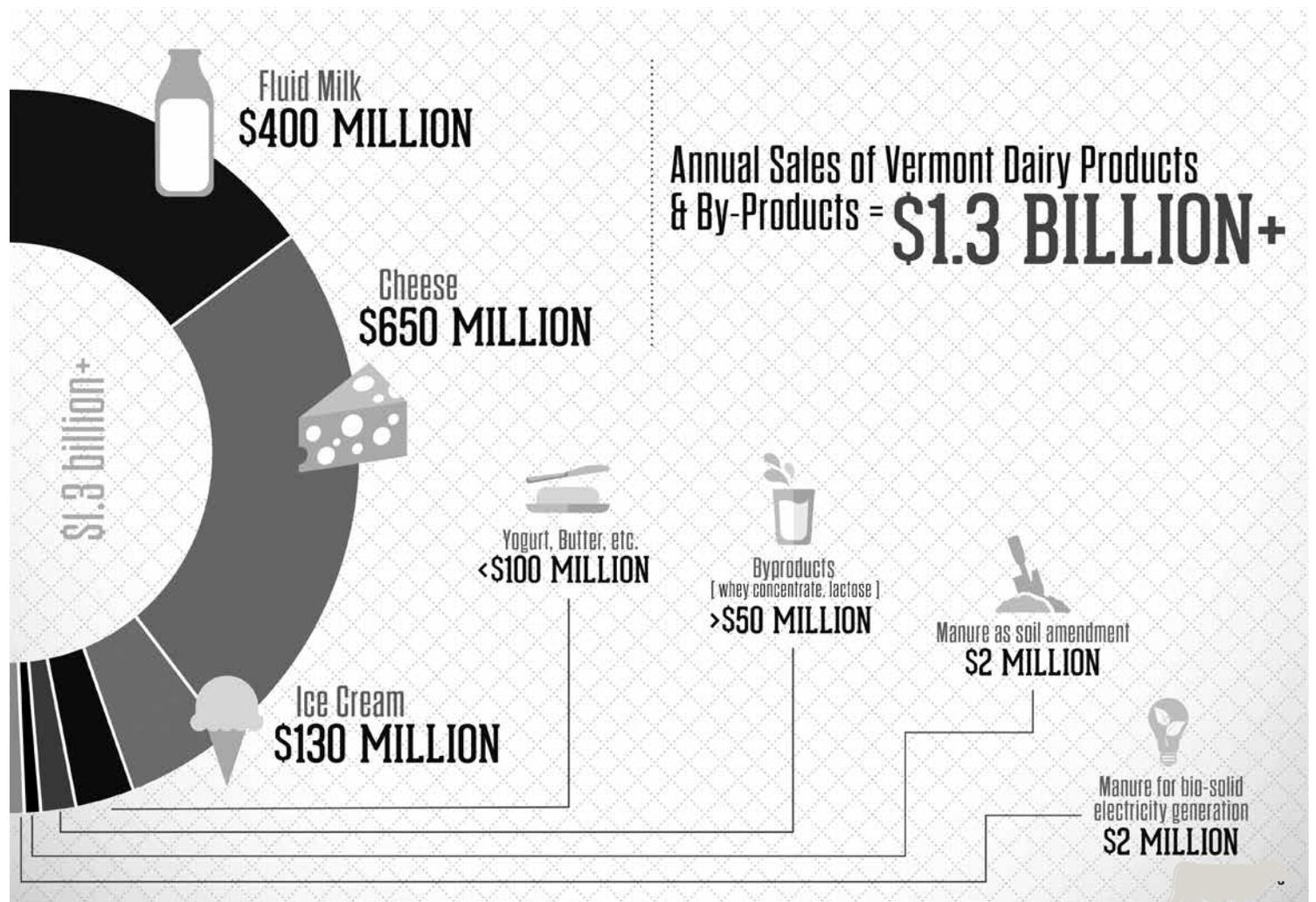
Vermont Dairy Is:

At the Heart of the Vermont Economy

Dairy helps keep our dollars local. Dairy provides “working land” jobs that keep families here in Vermont, supporting our uniquely rural way of life and contributing to local tax bases. Much of dairy-related wages and salaries help support the local economy, as dairy employees buy local goods and services and pay taxes.

Dairy businesses invest \$500 million+ to support Vermont’s agricultural economy every year

Dairy helps provide the infrastructure other Vermont farms rely on. Dairy businesses spend some \$500 million to support Vermont’s “agricultural web” of goods and services needed for all types of farming—like competitive pricing for farming equipment and machinery, hay and feed, veterinarians, etc.



Each year

VERMONT DAIRY BRINGS \$2.2 BILLION
in economic activity to the state of Vermont

\$2.2 Billion in economic activity includes:

- **VALUE OF PRODUCTS SOLD**
- **INDUCED IMPACTS**
[dairy business’ wages and profits effects on the local economy]
- **SECONDARY IMPACTS**
[benefits to local agriculture, tourism, real estate, and more]

Every day:



Dairy brings approximately **\$3 MILLION** in circulating cash to the state of Vermont

It’s not just cows:

The Vermont sheep and goat-based dairy business is small but growing steadily.



In 2012, the revenue from sheep & goat farming (including wool and mohair production) was **\$5 MILLION+**



Vermont Dairy Is: A Key Employer

A Good Living

Quality jobs with a sense of place

From yogurt makers to farmers to ice cream scoopers to dairy equipment purveyors, some 6,000–7,000 jobs—a full 2.5% of the state’s workforce—are connected to Vermont dairy. This figure, based on Department of Labor and Census of Agriculture reports, includes approximately 1,400–3,200 people employed by dairies, 1,700 employees in dairy food production, 1,700 dairy operators, and 1,000 employees in indirect, supporting occupations.

Dairy is one of the state’s top job providers and produces some \$360 million in Vermont wages and salaries each year.

This estimate compiles wage and salary income from dairy farmers, dairy farm workers, contract labor, food production workers, professional and technical support, agricultural supply retailers, machinery, equipment and supplies, and transportation workers.

Vermont’s dairy industry employs a diverse workforce with a broad range of skills, providing opportunities for individuals with varied backgrounds and experiences.

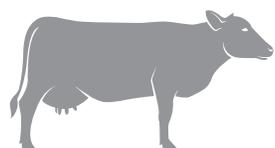


Photo: Cabot Creamery Cooperative

dairy =
6,000-7,000
VERMONT JOBS

PROVIDES
\$360 MILLION
in wages & salaries



Vermont Dairy Is:

Essential to the Vermont Way of Life

What do Vermonters think about dairy?

In November 2014, the Vermont Agency of Agriculture, Food, and Markets and the Castleton Polling Institute conducted a telephone poll of a representative sample of 271 Vermonters. The resulting report, *Dairy in Vermont: Vermonters' Views*, provides a fascinating snapshot of how Vermonters view the dairy business that so defines our state.

A polling of Vermonters shows that:



97%
say dairy farms are important to the state



93%
agree that dairy is important to Vermont's economy



92%
say dairy farms add to the beauty of Vermont



91%
say it's important to Vermont's quality of life



91%
say dairy is important to Vermont's future



91%
believe buying locally-produced products is important



85%
are willing to pay a little more to insure their dairy products are sourced from Vermont

...and essential to

The "Vermont Brand"

The physical beauty of Vermont is, in part, defined by its farms. Vermont's landscape is a distinctive mix of farms and forests, with rolling hills and open spaces. Our statewide patchwork of dairy farms helps make that possible, and provides a powerful draw for tourism.

Dairy farms are key to attracting over **13.5 million** visitors to Vermont every year



84%
of Vermonters agree dairy is important to Vermont's tourism industry

Today More Than Ever, Milk Matters

As an important supplier of milk to New England and a key economic engine in the Vermont economy, dairy supplies thousands of jobs and significant income from wages and salaries—along with secondary benefits to local agriculture, real estate, and tourism.

Just as the open pastures and rolling hills of Vermont's dairy farms help define its landscape, dairy remains inextricably tied to Vermonters' image of their state.

Vermont certainly would look very different without it.



KEY FACTS & FIGURES DAIRY AT A GLANCE:

- ▶ 63% of milk produced in New England comes from Vermont.
- ▶ Dairy brings **\$2.2 BILLION** in economic activity each year.
- ▶ Dairy represents **70%** of the state's agricultural sales.
- ▶ Over **80%** of Vermont farmland is devoted to dairy and crops for dairy feed.
- ▶ Dairy is one of Vermont's top private employers, providing **6,000-7,000** jobs (and \$360 million in wages and salaries).
- ▶ Every Vermont dairy cow provides **\$12,500** in economic activity to the state annually.
- ▶ Dairy helps shape Vermont's unique landscape, which attracts more than **13.5 MILLION** visitors each year.
- ▶ Vermonters are positive about dairy: **91%** say dairy is "important to our state's future."
- ▶ Every day, dairy brings in approximately **\$3 MILLION** in circulating cash to the state of Vermont.



Vermont Agency of Agriculture Announces Adjusted Fee Schedule

By Alison Kosakowski, VAAFM

The Vermont Agency of Agriculture, Food, and Markets (VAAFM) has announced its adjusted fee schedule, which has been approved by the legislature and will go into effect July 1, 2016. The new fee schedule is available online at <http://agriculture.vermont.gov/>

[licensing-registration/fees](http://agriculture.vermont.gov/licensing-registration/fees).

VAAFM manages more than 50 fee-based programs. These services provide value to Vermonters, in accordance with the Agency's mission: to support the growth and viability of agriculture in Vermont while protecting the working landscape, human health, animal health, plant health, consumers and

the environment.

Fee rates are considered every three years, and must be approved by the legislature. The fee schedule is based on the cost of running each respective regulatory program. VAAFM also reviews comparable programs in neighboring states, to ensure Vermont's programs are aligned with

regional standards.

Examples of fee-based programs managed by VAAFM include...

- Weights and measures inspections: grocery scanners, deli scales, and gas pumps are inspected to ensure accuracy so Vermonters "get what they pay for." Store owners pay this fee.
- Animal feed registration: packaged livestock and pet food is registered and inspected to ensure the quality and composition (protein, energy). Feed dealers pay this fee.
- Dairy processor inspections: facilities are inspect-

ed and licensed to ensure food safety. Licensing also allows processors to access out-of-state markets. Processors pay this fee.

- Pesticide registration: products are inspected to ensure they are properly labeled and meet the state laws associated with pesticide use. Pesticide manufacturers pay this fee.

For a full details about Agency fees, see <http://agriculture.vermont.gov/licensing-registration/fees>.

If you have any questions about the impact of these fees, please contact VAAFM at 802-828-2430.

Cabot Creamery Award

continued from page 2

ultimately returns to the grocery store, completing a full-circle cycle," Davis said.

In total, the farm's carbon footprint reduction is 5,680 tons per year, which more than offsets their emissions.

The farm receives 14,000 tons of organic food waste in total each year from 15 different food companies and the process is catching on with other manufacturers – a revolutionary step forward in recycling and re-using food waste in the U.S.

REQUIRED AGRICULTURAL PRACTICES (RAP) PROPOSED RULE 2 INFO WEBINARS & 5 PUBLIC HEARINGS

HOSTED BY THE VERMONT AGENCY OF AGRICULTURE, FOOD & MARKETS

- **Two informational webinars** will be held in advance of the formal public hearings to present the rules in detail. These webinars will be recorded and available as videos on the VAAFM website following the presentations.
- **Five public hearings** will provide opportunities for farmers, stakeholders and the public to provide testimony and comment on the Proposed RAP Rule.

The following educational resources are available for download on the Vermont Agency of Agriculture, Food & Market's website:

- RAP Proposed Rule: <http://go.usa.gov/cuSHF>
- Review of Rule Revisions: <http://go.usa.gov/cuhbx>
- Farm Size Factsheet: <http://go.usa.gov/cJqt6>
- Rule Summary Factsheet: <http://go.usa.gov/cJqt6>
- RAPs Effective Dates Discussion Document: <http://go.usa.gov/cJqJA>



EVENTS

WEBINARS:

May 26, 2016
10:00 AM-12:00 PM
Register at: <https://attendee.gotowebinar.com/rt/5938291152303942401>

June 7, 2016 1:00-3:00 PM
Register at: <https://attendee.gotowebinar.com/rt/5938291152303942401>

PUBLIC HEARINGS:

June 21, 2016 12:30-3:30 PM
St. Albans Historical Museum,
9 Church Street, St. Albans VT

June 22, 2016 12:30-3:30 PM
Brandon American Legion
590 Franklin St, Brandon, VT

June 23, 2016 12:30-3:30 PM
Vermont Law School, Chase Center
164 Chelsea St, South Royalton, VT

June 28, 2016 12:30-3:30 PM
Newport American Legion
160 Freeman Street, Newport, VT

June 29, 2016 12:30-3:30 PM
Brattleboro American Legion
32 Linden Street, Brattleboro, VT

VERMONT AGENCY OF AGRICULTURE,
FOOD & MARKETS

AGR.Helpdesk@vermont.govmont.gov
(802) 828-2431

<http://agriculture.vermont.gov/water-quality/regulations/rap>

For Immediate Release

The Vermont Agency of Agriculture, Food and Markets have received an application for a Milk Handlers license from the following entity: One Drop, LLC. of Burlington, Vermont to process, package and sell ice cream 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 July 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.

What is a Small Farm in Vermont, According to the Proposed Required Agricultural Practices (RAPs)?

By Ryan Patch, VAAFM

One of the most significant changes from Act 64 of 2015 is the Legislature's mandate for the Vermont Agency of Agriculture, Food & Markets (VAAFM) to define what is a "Small Farm" in Vermont. Further, Act 64 instructed the Agency to define a threshold above which a Small Farm Operation (SFO)—the Agency jargon for "Small Farm"—would need to enter into a certification and inspection program. In the RAP Proposed Rule, filed with the Secretary of State on May 13, 2016, VAAFM has provided its revised thresholds for small farm certification and inspection. The entire RAP Proposed Rule, and the proposed small farm thresholds, is open to public comment until July 7, 2016.

Included in this issue of *Agriview* is a factsheet ("Proposed Rule: Farm Size Factsheet," page 9) VAAFM has developed which outlines the proposed farm size thresholds for Agency water quality certification, inspection and RAP oversight. Numerous changes have been made to the SFO and Certified Small Farm Operation (CSFO) thresholds in the RAP Proposed Rule from previous drafts, based on significant comment received from farmers and the public.

A bit of historical context

Under the Accepted Agricultural Practices (AAPs), there were three farm categories:

| AAP Farm Category | Permit | Inspection? | Number of Farms |
|-------------------------------|--------------------|------------------------------------|-----------------|
| Large Farm Operations (LFOs) | Individual Permits | Regular inspection (1 Year Cycle) | 27 Farms |
| Medium Farm Operations (SFOs) | General Permits | Regular inspection (5 Year Cycle)* | 138 Farms |
| Small Farm Operations (SFOs) | No Permits | Inspection based on complaints | 7000 farms |

LFOs have been permitted and inspected by VAAFM since 1995 and represent dairy farms with more than 700 mature dairy cows. MFOs have been permitted and inspected by VAAFM since 2006 and represent farms with between 200 and 699 mature dairy cows and 300 and 999 beef cows. SFOs under the AAPs represented every farm operation below the MFO threshold—all the way down to one chicken or a 10' x 10' vegetable garden. Every SFO, MFO and LFO has to follow the baseline rules established in the AAPs, in addition to any specific enhanced requirements in the MFO and LFO general and individual permits.

The current discussion around farm size thresholds in the RAPs

In an effort to meet the legislative intent of Act 64, VAAFM has proposed refining the SFO category to ensure a prioritized and targeted approach to the new mandate to certify and inspect a portion of Small Farms. This proposal would lead to the establishment of three small farm operation categories in Vermont: Non-RAP Operations (NROs), Small Farm Operations (SFOs) and Certified Small Farm Operations (CSFOs). LFO and MFO permits would remain unchanged under the RAP Proposed Rule.

Non-RAP Operations (NROs) represent a scale of farm (less than 4 acres

in farming, less than five cows, less than four horses, less than \$2,000 gross sales) which in the Agency's experience has not had substantial impacts on water quality and, as such, has been proposed to be regulated at the municipal level. These NROs would not need to follow the RAPs in the Proposed Rule and oversight of these operations could be undertaken by municipalities. The option exists in the Proposed Rule for the VAAFM to require a NRO meet the requirements of RAPs if a water quality issue exists on an operation and municipal rules and enforcement is not present.

Every farm operation above the NRO threshold would need to follow all requirements of the RAPs: this includes SFOs, CSFOs, MFOs and LFOs.

Under the Proposed Required Agricultural Practices (RAPs), there are four farm categories that need to follow the RAPs:

| RAP Farm Category | Permit | Inspection? | Number of Farms |
|---|-----------------------|-----------------------------------|-----------------|
| Large Farm Operations (LFOs) | Individual Permits | Regular inspection (1 Year Cycle) | 27 Farms |
| Medium Farm Operations (SFOs) | General Permits | Regular inspection (3 Year Cycle) | 138 Farms |
| Certified Small Farm Operations (CSFOs) | Certification Program | Regular inspection (7 Year Cycle) | 1500 Farms |
| Small Farm Operations (SFOs) | No Permits | Inspection based on complaints | 5500 Farms |

Certified Small Farm Operations (CSFOs) would represent farms with more than 50 dairy cows, or 75 beef cows, or 40 horses; or who farm more than 50 acres of annual cropland (ex: corn silage / soybeans) or 50 acres of vegetables. These CSFOs would need to follow the RAPs in addition to entering into a Small Farm Certification program which will require annual self-certification that a farm is following the RAPs, regular inspection on a seven-year cycle, and the development of a 590 Nutrient Management Plan. SFOs are all farms that fall above the NRO and below the CSFO threshold. All SFOs would need to follow the full provisions of the RAPs.

Public comment and questions can be submitted to AGR.RAP@vermont.gov or mailed to 116 State Street, Montpelier, VT 05620.

The complete factsheet on RAP farm size can be found at the following url: <http://go.usa.gov/cJqtp>

Please visit our VAAFM RAP website for additional information: <http://go.usa.gov/cdGew>.



Lightning and Sunshine Safety

By George Cook, UVM Extension

Lightning Safety

Summer brings along new and unique hazards. Lightning is random and unpredictable. Thunderstorms and lightning are most likely to develop on hot, humid days. If you can see lightning or hear

thunder, activate your safety plan. Advance planning is the single most important means to lightning safety. Designate a responsible person to monitor weather conditions; a portable weather radio will provide weather updates. Emergency procedures: suspend activities, move people to safety, monitor conditions,

then resume activities. Resume activities only when lightning and thunder have not been observed for thirty minutes. Safe locations during a storm include fully enclosed metal vehicles with windows up or substantial and permanent buildings. If outdoors... get off farm machinery, put down rakes, hoes or shovels get

out of or off the water. This includes metal objects like electric wires, fences, motors, power tools, clotheslines, metal pipes, rails, etc. Dangerous places include small structures, underneath canopies, small picnic or rain shelters, or near trees. However, standing under a group of trees, shorter than others in the area, is better than being in the open.

the fire. Call the local fire department and get everyone to safety.

A helpful website is <http://lightningsafety.com>, which is the National Lightning Safety Institute website.

Sun Safety

Seek low ground, preferably a ditch or gully; avoid high ground and open spaces. Make your body low to the ground, but do not lie flat on the earth. Learn the LIGHTNING SAFETY CROUCH: if isolated from shelter during a lightning storm, use a low crouching position with feet together and hands on ears. Avoid closeness (minimum of 15 feet.) to other people. If there is a group of people, spread out.

While folks in the northern climates long for the warming sunshine of the summer, it can have a dangerous and deadly side. The sun's invisible ultraviolet rays can be extremely dangerous to the skin. They are responsible for sunburn, premature aging and other types of skin damage, including cancer. Agricultural workers are prime targets for skin cancer because they are outdoors daily and are exposed to the sun. Estimates from the American Cancer Society find 600,000 cases of skin cancer occurring every year in the United States, with some 8,200 ending in death.

Do not touch fallen wires; call 9-1-1. If an appliance or tool catches fire, try to unplug it or turn off the current at the fuse box. Seems obvious, but do not pour water on the fire. Use a Class C fire extinguisher or throw baking soda on

A suntan is not a sign of good health. As a defense mechanism, the body produces a pigment called

continued on page 14

Required Agricultural Practices (RAPs)

Proposed Rule: Farm Size Factsheet

*AAP Water Quality Rules Currently in Effect until RAP Adoption www.Agriculture.Vermont.gov/water-quality/regulations/rap Updated May 16, 2016

| Regulatory Authority | Size of Farm | Requirements Needed to Meet Farm Type |
|---|--|--|
| Municipal zoning may apply authority to Non-RAP Operations (NROs). Can be required to follow the RAPs if adverse water quality impact exists | Non-RAP Operations (NRO)  | Operates LESS THAN 4 acres used for farming AND has animal numbers below RAP Farm Threshold (Example: 1-4 cows; 1-3 horses; 1-99 layers) - OR - Makes LESS THAN \$2,000 Annual Gross Income AND did NOT file a 1040F once in the last 2 years. |
| Agency of Agriculture, Food & Market (VAAFM) regulates RAP Small Farm Operations (SFOs). MUST follow RAPs. | RAP Small Farm Operations (SFO)  | Operates 4+ acres used for farming - OR - Regardless of acreage, any farming operation that makes more than \$2,000 Annual Gross Income or has filed a 1040F once in the last 2 years. - OR - Has an Approved Business Management Plan |
| VAAFM regulates Certified SFOs. Farm needs to ANNUALLY Self-Certify -AND- MUST follow RAPs. | Certified Small Farm Operations (CSFO)  | Operates 10+ acres used for farming - AND one of the following categories: - Livestock Farm: Example: 50 - 199 Dairy Cows or 75 - 300 Beef Cows or 40 - 150 Horses or 90,000# Liveweight - OR - Annual Crop Farm: 50+ acres used for growing Annual Crops (Ex: Feed Corn; Sweet Corn; Pumpkins; Soybeans) - OR - Vegetable Farm: 50+ acres used for growing Vegetables |
| VAAFM regulates MFOs. Farm needs a MFO General Permit with Annual Report - AND - MUST follow permit and RAPs. | Permitted Medium Farm Operations (MFO)  | Meets Animal Numbers for MFO Example: 200-699 Dairy Cows or 300-999 Beef Cows or 150-499 Horses or 3,000 to 9,999 Sheep |
| VAAFM regulates LFOs. Farm needs a LFO Individual Permit with Annual Reporting - AND - MUST follow permit and RAPs. | Permitted Large Farm Operations (LFO)  | Meets Animal Numbers for LFO Example: 700+ Dairy Cows or 1000+ Beef Cows or 500+ Horses or 10,000+ Sheep |

To learn more about the Proposed Required Agricultural Practices (RAPs), visit: www.Agriculture.Vermont.gov/water-quality/regulations/rap

ENGINEERING FOR AGRICULTURE

Multidisciplinary engineering and environmental services for:

- water quality*
- stormwater*
- waste storage facilities*
- roofed barnyards*
- structural design*
- heavy use areas*
- wetlands*
- conservation buffers*



Contact: Andy Hoak, PE, PG
 802-728-3376
ahoak@dubois-king.com

DuBois & King inc.
 Randolph, Brandon, South Burlington, Springfield

VERMONT VEGETABLE AND BERRY NEWS



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www.uvm.edu/vtvegandberry

Reports From The Field

(Charlotte) Recent rain helped; crops and weeds are really growing. Most crops are in the ground; sweet potatoes and successions left at this point. Can't figure out why field peas are struggling. My best guess is they don't like our heavy clay and dry weather. Maybe time to move on from them anyway. Seeing lots of flowers and fruit on strawberries, they're not far away. Suckering and trellising hoop house cukes and tomatoes regularly. Haven't seen leek moth evidence yet but we've had it every season since 2012 and will be ready with Entrust when it comes. So far just flea beetles but the others can't be far behind.

(Berlin) Perfect Circle Farm. The lack of rain and high heat is making it difficult with fruit tree and berry planting. Blueberries had great weather for flowering. Honeyberry is two weeks ahead of last year on fruiting, and should be ripe in a week or so. The no-snow winter made for tremendous damage in plants above ground in pots. Lost

many things that are usually no problem, including apples, pears, plums, cherries, walnut, hickory. Lost some stock plants that had been out all winter in pots for five years and never showed any damage before. Many of the plants leafed out and flowered, only to fade away, suggesting roots were killed, while the tops were fine.

(Newbury) Peas, favas and peppers are blooming and tomatoes are close. Potatoes are looking good. Lots of ticks here.

(Hinesburg) Leaf miners are thick again this year; covering spinach, beets, chard with ProTeknet is working well. I learned I need to cover seedlings in seedling house, too. Found one leek moth chew mark on garlic so far.

(Monkton) The Last Resort. We had 1.6" rain late last week that saved many plants and our sanity. Strawberries are ripening early with more TPB injury than I've ever seen this early, but the crop looks excellent and we open for PYO this week. Asparagus crop has been good but, again, beetle presence more than last year. The mild winter was kind to overwintering insects. Leek moth pupae noted in garlic field. Having difficulty finding good help this year but those we have are amazingly wonderful. We are celebrating 30 years on this farm June 19th 12-2 with a NOFA-VT pizza social and Lulu's ice cream. Everyone invited.

(Rochester) We avoided spring frost damage to the blueberries this season helped by cool weather in April and May, which kept the blooms from developing too early.

(Waterbury Center) Strawberries looking and tasting good. Not much disease perhaps because of nice dry conditions coupled with a fall planting of plugs instead of a spring bare root planting. Production seems to be down however. Garlic happy to get the rain we got Sunday. Blueberries and raspberries looking healthy, no frost to affect blueberry flowers is a blessing.

(Shrewsbury) Our soil pH has continued to stay in the upper 5s even after multiple lime applications, so this year we started amending our soil with wood ash at 4 tons/acre. We've gotten excellent response from our early greens, so I'm optimistic to see how the rest of our crops respond. The past couple weeks of hot weather has made it easy to get good early weed control with our tine weeder, except for the areas where we're still dealing with bindweed.

(Proctorsville) Hot, dry conditions and lack of normal winter temps have allowed flea beetle and cucumber beetle populations to explode in the high tunnel already. Weeds have been challenging to suppress since March, when you have a team of only 3 anyways. Plants are growing fabulously now though with these temps, just tricky to maintain.

(Westminster West) We received 2" of rain on Sunday which we really needed and saw an immediate growth spurt on Monday morning and two acres of happy winter squash transplants that we set out Friday. This is always a stressful time of the year for us as

we are still super busy shipping veggie and herb starts to our wholesale accounts thruout New England, while at the same time trying to get our own vegetable fields planted in spite of the quirky weather. But, somehow we muddle thru and both sides of the business seem to be doing ok. This year's garlic crop looks vastly larger than last year; much thicker stalks which should mean larger bulbs. Keeping the field cultivated and top dressing and dripping nutrients almost weekly. Scape harvest by this weekend. Onions on both the white and black mulches seem about equal growth wise at this point. Tomato tunnels setting lots of fruit and healthy plants at this point.

Hoping I don't jinx things but no thrips at this point. Raspberries look great and no spider mites or white flies either. Aphids are almost non-existent and no diseases found on any crops indoor or out. Had a field that I planted late last year to peas and oats finally germinated this spring and plowed in a huge crop of growth for the pumpkins, never thought the seeds would remain viable like that but there you go! Farmers' market sales are about equal to last year, maybe a bit ahead as is the business overall compared to last year. Still seeding custom veggie plugs for other growers and looking forward to a weekend getaway so the domestic situation remains happy!

Multi-State High Tunnel Research Project Needs Your Input

As part of our new Northeast SARE project "Improving nutrient and pest management in high tunnel production" we want to learn more about the practices used and challenges faced by growers using high tunnels. Help us understand your needs by responding to our survey, at: <https://unh.az1.qualtrics.com>. Your responses are crucial to help us design the best possible research and outreach programs. We know that it is a very busy time for growers, so we have done our best to keep the survey short! All responses are confidential. We appreciate your time and input -Becky Sideman and Heather Bryant, UNH Extension; Mark Hutton and Bruce Hoskins, UMaine Extension; Margaret Skinner, UVM; Eric Sideman, MOFGA; John Spargo, Penn State.

NOFA/VVBGA On-Farm Workshops

(\$20 members/\$30 non-members)

July 12, 4-6 pm. Organic High Tunnel Tomatoes at Cedar Circle Farm, E. Thetford, VT

July 19, 4-6 pm. Raspberry and Blueberry Varieties for Vermont Growers, Adam's Berry Farm, Charlotte, VT

Aug. 30, 5-7 pm. Producing Healthy Brassicas with Biocontrols and Rotation, Clearbrook Farm, Shaftsbury, VT

Sept. 13, 4-6 pm. Post-Harvest Process: Wash Station Design, Root 5 Farm, Fairlee, VT

Sept. 21, 1-5 pm. Learning Journey to Massachusetts: Atlas Farm, South Deerfield, MA and Red Fire Farm, Granby, MA.

All NOFA-VT 2016 on-farm workshops: <http://nofavt.org/events/annual-nofa-vt-events/farm-workshop-series>

MARKET REPORT

Wholesale Prices

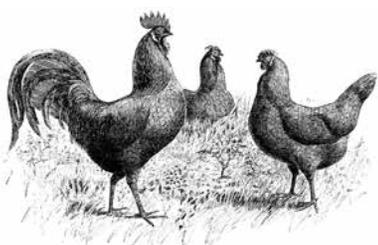
June 2016

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

Vermont Egg Prices:

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

You can find more reports online at <http://www.ams.usda.gov/marketnews.htm>
This is the web source for *USDA Market News*



Vermont Agency of Agriculture - USDA Market News

Addison County Commission Sales — East Middlebury, VT
Livestock Auction Report for May 2016

| | | |
|------------|---------------|---------------|
| | Cattle | Calves |
| This Week: | 103 | 189 |
| Last Week: | 141 | 171 |

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

SLAUGHTER COWS:

| | % Lean | Avg. Dressing | High Dressing | Low Dressing | Very Low |
|---------------|--------|---------------|---------------|--------------|-------------|
| Premium White | 65-75 | — | — | — | — |
| Breakers | 75-80 | 71.50-74.50 | 75.00-80.00 | 63.00-68.00 | — |
| Boners | 80-85 | 68.00-76.50 | 78.00-83.50 | 63.50-67.50 | — |
| Lean | 85-90 | 63.00-67.50 | 68.00-76.50 | 62.00-65.00 | 53.00-63.00 |

SLAUGHTER BULLS: 1695lbs: 103.00

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

HOLSTEIN BULL CALVES:

Number 1: 100-120lbs 160.00-200.00; 90-100 lbs 160.00-180.00; 80-90 lb 160.00-165.00; 70-80lbs not tested.

Number 2: 100-120lbs 145.00-160.00; 90-100 lbs 152.50-165.00; 80-90 lbs 147.50-157.50; 70-80lbs 130.00-152.50.

Number 3: 100-120lbs not tested; 90-100lbs 105.00-142.50; 80-90lbs 100.00-130.00; 70-80lbs 100.00-102.50.

Utility: 100-120lbs 70.00-90.00; 90-100lbs 70.00-120.00; 80-90lbs 70.00-100.00; 70-80 lbs 60.00-70.00.

HOLSTEIN HEIFER CALVES: 82-100lbs 85.00-160.00

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

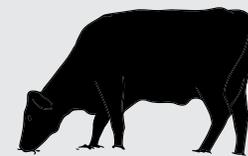
SOURCE:
VT Agency of Ag-USDA
New Holland-Lancaster County, PA

Darryl Kuehne
Market Reporter
Cell: 802-793-5348

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

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

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



CLASSIFIEDS

Advertising in Agriview

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

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

Display Ads: Information available upon request

Classified advertisements must be sent:

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

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

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

Ads must be limited to 40 words or less.

Agriview Subscribers can Now Submit Classifieds Online

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

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

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

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

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

Bees & Honey

Five frame NUCLEUS COLONIES / QUEENS FOR SALE @Singing Cedars Apiary. \$155 per nuc, \$40 deposit. Queens \$32 shipping \$8.50. Our Northern Survivor queens are hybrids; hardy, productive bee. vtbees.com; the mail at 77 singing Cedars Orwell Vt. (802)948-2057 (6/16)

Bee Equipment: Large 3 piece uncapping tub, drainer, and lid, equivalent to Dadant #M01355. Excellent condi-

tion, \$80.00. Call 802-234-5653. (7/16)

2016 New World Carniolan queen, clipped & marked: \$33 or \$38/shipped; honey: \$22/qt; propolis tincture: 2 oz./\$16; fresh frozen pollen: \$28/qt. -18 MacLean Rd., Alstead, NH lindenap@gmail.com 603-756-9056. (7/16)

Cattle

Breeding age Bulls: Registered Holstein bulls ready for spring turnout. 10 born June 2015, popular sires. Dams or Grand dams to 40,000

lbs. milk. Robeth Holsteins, Rochester, and 802-767-3926. (6/16)

3 year old Black Angus bull proven \$2500, also 2 40 gallon stainless syrup barrels \$125 each call for more info on either. (6/16)

Angus Bull 18 mo's old. Good disposition. From registered herd. \$2,250. Greensboro, VT. Angus Bulls. From registered herd and several to choose from. \$1,800. Greensboro, VT. 802-533 9804 (6/16)

CLASSIFIEDS

Certified organic Holstein.

Heifer due in June – friendly, stanchion-trained \$1,600.00 OBO 802-254-6982 (7/16)

Hereford bull. Well grown, born 6/15/15. Location: Addison County. \$900 cash. 802-379-0613 (7/16)

Hereford – Angus beef cattle, 10 heifers, 2 steers 1100+ lbs; great condition on grass, ready for market. \$1.50 per lb live weight 802-483-2870 (7/16)

Polled Hereford Bull, one year old, ready for 2016 Breeding, large frame, mild mannered. electric fence trained, call 802-236-4917 (7/16)

American Milking Devon cow/calf pairs for sale. Two pairs available, both 5 year old cows with healthy spring heifer calves. Top quality cows in great condition. Selected for 100% grass-fed beef. \$2000 for a pair. Plainfield, VT 802-454-8614 (7/16)

Hereford bred w/4th calf and Hereford Angus cross heifer calf at side. \$2000 Angus Bred w/3rd calf and Angus heifer calf at side \$2000 16 month old Angus Hereford cross heifer \$1000 Contract Ron c-(413)775-3776 (7/16)

18 month old Hereford bull. Just right for breeding or freezer this fall. \$1,050. Trucking can be arranged. Call Robert at 802-439-6179. (7/16)

Registered fullblood beefalo bulls for sale, some with bison markers. Two years old, good dispositions. Mountbrook Farm, Dorset, Vt. Days: 802-362-4874, Evenings: 802-867-4078. (7/16)

P.B.Angus yearling bull, well grown and ready for service. \$2,000.00 Schroeder Farm, S. Newbury, NH - 603-938-5911 (7/16)

Certified Organic Guernsey heifer for sale, asking 800.00 Nutmeg was born 5/31/15 de-horned, halter trained. Call or email with questions 802-422-4704 or chantal@farmandwilderness.org (7/16)

Registered Miniature Polled

Hereford bull, 2-1/2 yrs., proven sire, \$2300. 802-438-9845. (7/16)

Employment

Christmas Tree Trimmers starting the first week of July at the Fontaine Tree Farm in Greensboro Bend. Claude 802-533-7195 or 802-274-6363 (7/16)

Equipment

4 hay wagons 8' x 18' with bale thrower racks. In excellent condition (always stored in shed). Call Richard at 802-989-2958 (cell) or 802-759-2050 (evenings) for additional information and price. Located in Addison County. (6/16)

For sale forage harvester knives. Set of 12 knives for new Holland forage harvester model 900 or model FP230. These knives are new. \$980.00 Neddo farm, barre 802/552/7049 (6/16)

4 foot simplicity 3pt hitch rototiller, good condition \$600 obro(802) 263-9374 (6/16)

Kuhn GMD 400 Multi 4 Disc Mower very good condition ready to mow minimum 30 HP. \$4,200 or reasonable cash only offer 802 763 7454 (6/16)

Livestock Chute Hardware: four lage brackets and two metalchute gates to build sheep, hog, or goat chute. Add some bolts and lumber and you have a really nice chute anywhere you wait it. Good design: solid, but not too heavy. \$150 OBO 802-685-4920 or hurricanridhefarm@gmail.com (6/16)

2 flatbed hay wagons \$250 each. Call 802-442-4877 (6/16)

New Holland 718 1 row corn chopper, excellent condition \$2800. New Holland crop carrier #8 chucks wagon on 8 ton running gear, very good \$1500. Gehl Hi throw hopper blower, excellent \$500. Yellow level field sprayer with 200 gal. tank \$400. 802-823-7813, after 6pm. (6/16)

Boom sprayer for 3 p.h. 14 foot fold up boom and 110 gallon tank. Good shape but one part needs welding or

replacement. \$450. Also 4 mounted Arctic Claw snow tires 205/55R16 nearly new from 2007 Subaru asking \$400. Newbury 802-584-3769. (6/16)

New Holland 892 chopper both hay and two row corn heads. International NO 56 silo blower short hopper with auger feed. 802-372-4513 (7/16)

Metavic Forwarder Trailer, extra-large balloon tires, extendable boom, winch like new, stored inside. \$22,000. Keving Hall 802-728-9850 (7/16)

JD model 336 baler with kicker, little use, undercover, excellent condition. \$3950. Kverneland plows, 4 bottom, 14", automatic reset, no coulters. \$1250. Horse drawn side delivery rake with pole and steel wheels, needs some teeth. \$550. Kuhn model GT 6002, twin rotary rake, ready for haying, great condition. \$8750. York-rake, 3 pt, 6ft, strong. \$750 802-483-2870 (7/16)

Old Tedder, for small farm, PTO, belt must be 10 feet long, \$250. Steel broadcast spreader, 500 lbs, \$150. DR Power wagon, 6.75 pro, electric start, extra bed, molded plastic for wet loads \$1000. DR weed whaker on wheels, electric start, \$150. 802-635-7027 (7/16)

One 3 pt hitch with blade. Good condition. 802-438-5017 (7/16)

8 to 9 ton grain bin, excellent shape. 9 to 10 ton grain bin, good shape. 10 to 11 ton Victoria grain bin. 1 82 feet New Holland hay elevator. 1 90 feet hay elevator. 802-624-4683 (7/16)

'89 LONG 4 whl dr tractor with loader and frame mounted pu truck hydraulic snow plow chains scrapperbalde and manuals good shape \$8000. 802-524-9010 (7/16)

Hay elevator 24 feet long, always stored inside, little used, excellent condition, \$280.00. Call 802-234-5653. (7/16)

400 FREE TIRES. Can Deliver

802-236-2702 (7/16)

1989 Long Tractor, Model 610DT; 4 wheel drive; 64 hp.; Diesel with Loader; owners and shop manuals; Scraper Blade and Chains; Very Good Condition; \$8,500 Firm; Call Peter at 802-524-9010 (7/16)

Dion forage wagon, single axle, with roof, rebuilt auger, in good working condition. Reason for sale - we have retired from dairying. \$2500. Call 802-848-3885 or email fleurymaple@hughes.net. Fleury's Maple Hill Farm, Richford, VT (7/16)

Case IH 8312 Disk mower- 12' Center pivot NICE!..\$6500. Deutz Fahr round balers..\$2500.- \$6500.

Krone KR125 round baler...\$5500. M&W #1500 (Krone) -4x4 string round baler...\$4500. NEW! Diamond bale wrapper..\$4800. Hesston round bale processor...\$2500. Several 10' rotary rakes..\$1800. Each JD 328 Sq Baler w/ kicker..\$6500. 802-376-5262 (7/16)

New Holland 166 Hay Merger with Turnchute \$3500.00 75 gal. gas water heater never used, \$600 600 gal muellar bulk tank \$2750 50 cow 2" stainless steel pipeline complete with vacuum pump \$4500.00 Joe 802-770-0959 (7/16)

Harvesting Setup: NI 680 (IH 881) Harvester two heads; gehl dump wagon; meyers forage box on 1989 IH 1954 diesel truck; 9' ag bagger, 200' cables. Call for prices. 3250 Reel Auggie Mixer on 1995 Ford 450 2wd gas \$7500 Joe 802-770-0959 (7/16)

Farm & Farmland

42 acre farm Weatherfield vt. Close to exit 8 off I-91. Open meadows, stone walls, sugar bush over 500 taps, hardwood, trails throughout, 70 ft barn, open garage, 2 bedroom home, 2 wood stoves, central heat. \$295, 000, Call for more info 802-674-5044 (7/16)

Farm for Sale Pawlet - 168 acres - 50 acres cropland, 54 acres

pasture. Houses, farm infrastructure. Protected by conservation easement & option to purchase at ag value. Vermont Land Trust seeks buyers to farm commercially. \$350,000. (802) 533-7705 www.vlt.org/bryant-farm (7/16)

General

Long time custom heifer boarding farm has openings. Certified organic, separate charges for summer and winter board, AI and/or pasture breeding, dairy quality feed, minimal grain at cost. Prefer vaccination protocol. Danville, Vt. Call Vincent Foy for more information. 802-748-8461 (6/16)

1000-2000 tons of 1/3 corn silage, 1/3 2nd cut and 1/3 3rd cut. Please call 802-533-2984 after 4PM. (6/16)

Hay, Feed & Forage

Clean 1st cut hay 4'x5' round bale, approx 750 LB. ea. Never wet stored under cover suitable for horses \$50.00 a bale. Westford. 802-878-4255. (6/16)

Organic Hay, Standing. 40 acres of standing organic hay in New Haven. Nice clover mix. Call 802-238-5377 (6/16)

Clean 1st cut hay 4'x5' round bale, approx 750 LB. ea. Never wet stored under cover suitable for horses \$50.00 a bale. Westford. 802-878-4255. (7/16)

FRANKLIN COUNTY

Good quality first and second cut hay. Organic 1st & 2nd cut straw & hay. Large or small bales. Whole or prossed by bales at farm we load or direct delivery by trailer load. 802-849-6266 (6/17)

ORLEANS COUNTY

Clean 1st cut hay 4'x5' round bale, approx 750 LB. ea. Never wet stored under cover suitable for horses \$50.00 a bale. Westford. 802-878-4255. (6/16)

Organic 1st and 2nd cut haylage in 9x200 bags. Also conventional 1st, 2nd, and 3rd cut haylage in 9x200 ag bags. All have had forage testing. Trucking can be arranged.

Call 802-988-2959 or 802-274-2832 (6/16)

Goats

Registered Alpine yearling doe goat for sale. Raised organically though not certified. Disease tested negative herd (CAE, CL and Johne's). Parasite resistant and cold hearty. \$250.00 Please contact Kristin Plante, CVT via email: sugartopfarm@yahoo.com or www.sugartopfarm.com

com for more information. (7/16)

Lazy Lady Farm has two fine bucklings available for this fall's breeding season. Born March 2016 and sired by Mamm-Key Spruce Tips and Mamm-Key Bo Jingles. www-lazyladyfarm.com. Dams produce 2700lbs and 2200 lbs as a 3 year old and 2 year old. Excellent confirmation. \$450 each. 802-744-6365 laini@

lazyladyfarm.com Westfield, Vt (7/16)

Horses & Other Equine

Shafts for draft horse. Brand new, Amish made. All together and shellacked, never outside. These are real nice. Robert, 802-439-6179. (7/16)

Sheep

Registered, chocolate-colored 3 year old Romney ram who does his job very well!

Extremely productive. Bred 100% of his ewes for the last 2 years. All lambs have been black with beautiful wool. Fathered 21 2016 lambs, inc. 9 sets of twins. \$350 OBO. 802-685-4920 or hurricaneridgefarm@gmail.com.(6/16)

Sugaring Equipment

Complete 18" galvanized smokestack for 6' evaporator, includes base, 5 sections, roof jack, and stack cover, used

3 years, \$500. Milwaukee MA871 digital refractometer with case, 0-85% Brix, temperature compensating, only used 1 week, \$150. 802-848-3885 or fleurymaple@hughes.net. Richford, VT. (6/16)

Wanted

Grazing animal(s) for 5 acre pasture. Electric fence, water, shelter. Weston, VT 802-824-3388; carolinefritzinger@yahoo.com (7/16)

Vermont Weekly Farmers Market Report

For week ending June 5, 2016

| Commodity | Produce | | | Meats/Proteins | | |
|------------------|-----------------------|---------|---------|-------------------|---------|---------|
| | Not Certified Organic | | | Certified Organic | | |
| | Low | High | Average | Low | High | Average |
| Apples | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Arugula | \$12.00 | \$12.00 | \$12.00 | \$8.00 | \$14.00 | \$11.00 |
| Asparagus | \$4.00 | \$7.00 | \$5.00 | \$8.00 | \$8.00 | \$8.00 |
| Basil | \$3.00 | \$3.00 | \$3.00 | \$2.00 | \$2.75 | \$2.38 |
| Beets | \$2.00 | \$3.00 | \$2.25 | \$ - | \$ - | \$ - |
| Blueberries | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Broccoli | \$ - | \$ - | \$ - | \$3.00 | \$5.00 | \$3.67 |
| Brussels Sprouts | \$ - | \$ - | \$ - | \$4.25 | \$4.25 | \$4.25 |
| Cabbage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Carrots | \$2.00 | \$2.25 | \$2.13 | \$2.25 | \$2.75 | \$2.50 |
| Cauliflower | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Chard | \$2.00 | \$4.50 | \$3.13 | \$2.00 | \$3.50 | \$2.81 |
| Corn | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Cucumbers | \$2.25 | \$2.25 | \$2.25 | \$2.00 | \$2.00 | \$2.00 |
| Dill | \$2.00 | \$2.00 | \$2.00 | \$3.00 | \$3.00 | \$3.00 |
| Eggplant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Garlic | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Green Beans | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Kale | \$2.50 | \$3.50 | \$3.00 | \$2.50 | \$2.50 | \$2.50 |
| Kohlrabi | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Lettuce | \$2.00 | \$3.50 | \$2.86 | \$2.75 | \$25.00 | \$10.50 |
| Melons | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Microgreens | \$4.00 | \$4.00 | \$4.00 | \$ - | \$ - | \$ - |
| Onions | \$ - | \$ - | \$ - | \$2.25 | \$2.25 | \$2.25 |
| Parsley | \$1.50 | \$3.00 | \$2.25 | \$ - | \$ - | \$ - |
| Peppers | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Potatoes | \$2.00 | \$2.25 | \$2.13 | \$ - | \$ - | \$ - |
| Pumpkins | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Radishes | \$2.00 | \$3.50 | \$2.63 | \$2.50 | \$2.50 | \$2.50 |
| Raspberries | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Rhubarb | \$2.50 | \$3.75 | \$3.17 | \$2.25 | \$4.00 | \$3.13 |
| Scallions | \$2.00 | \$2.25 | \$2.13 | \$2.50 | \$4.00 | \$3.08 |
| Spinach | \$3.00 | \$8.00 | \$5.17 | \$4.50 | \$5.50 | \$5.00 |
| Strawberries | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Summer Squash | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Tomatoes | \$4.40 | \$4.50 | \$4.45 | \$ - | \$ - | \$ - |
| Winter Squash | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Zucchini | \$4.00 | \$7.50 | \$5.75 | \$2.50 | \$2.50 | \$2.50 |

| Commodity | Meats/Proteins | | |
|-------------------|----------------|---------|---------|
| | Low | High | Average |
| Lamb Chops | \$16.00 | \$24.50 | \$18.20 |
| Rack of Lamb | \$15.50 | \$24.95 | \$18.11 |
| Leg of Lamb | \$10.00 | \$18.50 | \$14.50 |
| Ground Lamb | \$11.00 | \$12.00 | \$11.50 |
| Ground Beef | \$6.00 | \$8.50 | \$6.88 |
| Ribeye | \$12.60 | \$19.50 | \$15.52 |
| Sirloin | \$8.00 | \$16.00 | \$11.67 |
| Round Roast/Steak | \$8.00 | \$11.00 | \$9.11 |
| Chuck Roast | \$8.00 | \$11.00 | \$8.91 |
| Strip Steak | \$14.00 | \$17.50 | \$15.46 |
| Skirt Steak | \$7.45 | \$18.00 | \$11.32 |
| Tenderloin | \$16.00 | \$24.00 | \$20.23 |
| Eggs | \$2.25 | \$5.50 | \$4.63 |
| Whole Chickens | \$4.15 | \$5.50 | \$4.75 |
| Ground Pork | \$7.00 | \$8.75 | \$7.74 |
| Pork Chops | \$8.75 | \$14.00 | \$10.92 |
| Pork Loin | \$7.00 | \$13.00 | \$10.19 |
| Pork Tenderloin | \$11.00 | \$20.00 | \$14.31 |
| Shoulder Roast | \$7.00 | \$14.00 | \$9.58 |
| Hams | \$8.80 | \$11.00 | \$9.72 |
| Baby Back Ribs | \$5.50 | \$12.00 | \$8.92 |

Market Comments

SEASONALITY:

Minimal offerings available due to this being the beginning of the season. More commodities expected in the coming weeks.

WEATHER CONDITIONS:

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

ATTENDANCE:

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

VENDOR COMMENTS:

N/A



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

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

Beef Report

For the month of May 2016

Est. Volume: 5,125 lbs • Last Month: 1,881 lbs

Report reflects beef sold direct to consumers on a wholesale carcass basis and on a retail basis. All beef products are considered local to Vermont and are raised within state borders plus 30 miles outside the border. Cattle are processed under State or Federal Inspection

This month the wholesale/retail trade was much lighter than it has been. Very few individuals reported sales, most others had limited to no movement of beef due to the time of year. Producers remain hopeful that summer sales will increase. Retail prices changed slightly. No dress sales to report this month. YTD and 3-month rolling averages were adjusted to account for no sales occurring on the carcass trades.

Average Hot Carcass Weight: 596.31 lbs.

Last Month's Estimated Volume: NA lbs.

Last Month's Average Hot Weight: 0.0 lbs.

Dressed Beef Carcass Value

Dressed Basis Steers/Heifers 250.00-510.00: 285.00

Year to Date Wt Average Carcass Price: 367.03/cwt

3 Month Rolling Average Carcass Price: 367.03/cwt

Above values reflect whole, half, or quarter carcass. Processing fees are not included in the dressed value. The aggregated price data is comprised from mostly grass finished operations and occasionally includes a small volume of partial to full grain finished cattle

Direct To Consumer Grass Fed Beef Retail Prices

| | (\$/lb) | Avg (\$/lb) |
|---------------------------|-------------|-------------|
| Tenderloin | 15.00-22.00 | 18.54 |
| Boneless Ribeye/Delmonico | — | — |
| Bone-in Ribeye | 12.75-13.50 | 13.08 |
| NY Strip | 15.00-19.00 | 16.50 |
| Porterhouse | 12.00-22.00 | 16.00 |
| T-Bone | 12.00-20.00 | 15.08 |
| Sirloin | 8.00-15.00 | 10.46 |
| Flank Steak | 6.00-11.50 | 9.15 |
| Skirt Steak | 7.00-12.50 | 10.00 |
| London Broil | 7.00-12.00 | 8.81 |
| Short Ribs | 5.00-7.75 | 5.92 |
| Rib Roast | 12.00-13.00 | 12.58 |
| Sirloin Tip Roast | 8.50-11.00 | 9.94 |
| Top Round Roast | 7.50-12.00 | 8.99 |
| Bottom Round Roast | 6.00-6.50 | 6.25 |
| Chuck Roast | 6.00-8.75 | 7.04 |
| Brisket | 6.50-9.75 | 7.81 |
| Hamburger | 5.50-8.00 | 6.34 |
| Stew | 5.50-8.00 | 6.55 |
| Heart | 3.00-6.00 | 4.00 |
| Tongue | 3.00-6.00 | 4.00 |
| Liver | 3.00-7.00 | 4.75 |

Source: VT Agency of Ag - USDA Market News Service, Montpelier, VT

Levi Geyer 717-354-2391 / NewHollandPALSMN@ams.usda.gov

Hailee May 802-829-0057 / Market Reporter

www.ams.usda.gov/mnreports/ln_lo100.txt • www.ams.usda.gov/LPSMarketNewsPag

Lightning and Sun Safety

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melanin, which turns the skin brown. Tanning causes skin to age prematurely. Sunburns occur when the body gets too much radiation (the full effect may not be realized for 12 to 24 hours later).

Delayed effects include causing the skin to age, wrinkle, thicken, dry out, freckle, and blemish, and develop a rough texture. There are three basic types of skin cancer: Basal-cell carcinoma, Squamous-cell carcinoma and Melanoma. The first two types are very common and easily curable, while the third type, if not detected early, can be very dangerous and even deadly. Melanoma has a tendency to spread to other parts of the body. Once it reaches vital organs, melanoma is very difficult to treat, and can be lethal. Know the location of moles on your body so that you can recognize any change in their size, shape, and color.

People who work outdoors should do regular monthly self-examinations. Finding changes in skin growths or the appearance of new growths is the best way to identify early skin cancer. Early detection is critical!

There are several risk factors that can lead to skin cancer, number 1 is

excessive sun exposure. What is excessive? This varies from person to person, but remember that no one is immune to the harmful ultra-violet rays of the sun. Preventative factors to consider include: avoiding the sun between 10:00 a.m. and 3:00 p.m. As farmers, recognize that the sun's ultraviolet rays are strongest between 10:00 a.m. and 3:00 p.m. Wear protective clothing, including a wide-brimmed hat (as opposed to the popular baseball cap), light colored long-sleeved shirts and pants. Use sun screens with a sun protective factor (SPF) of 15 or higher. You can burn just as easily on a cloudy day as on a sunny day.

Children can develop skin cancer which may not show up until later in life. Excessive exposure to the sun throughout a lifetime can be deadly. It is cumulative; the more sun you are exposed to and the longer you live, the greater your chances of having skin cancer.

- The American Cancer Society suggests the following guidelines to protect children from the sun:
- (S) Shadow test- if the shadow is shorter than the child, the sun is at its strongest and most dangerous point.
- (U) Ultraviolet sunblock with an SPF of 15 or

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Upcoming Events

Join Your Fellow farmers, Producers, and Localvores for the 2nd Annual Summer Buy Local Market on the State House Lawn this August!

By Alexandra Zipparo, VAAFM

Farmers and producers of Vermont agricultural products, including prepared and ready-to-eat foods as well as beer, wine and spirits, can now apply to participate in the second annual Summer Buy Local Market on the State House Lawn in Montpelier. The Summer Buy Local Market will be held on August 10 from 10 AM to 2 PM, rain or shine, and coincides with the United States Department of Agriculture's 17th annual National Farmers Market Week.

To apply for free booth space at the market, visit our Buy Local Markets page at <http://bit.ly/vtbuylocalmarket> and email your application to faith.raymond@vermont.gov by July 10 or mail it to Vermont Agency of Agriculture, Food & Markets, Attn: Faith Raymond; 116 State St. Montpelier, VT 05602 (must be postmarked no later than July 7 to ensure delivery to Vermont Agency of Agriculture in time for review).

Last August, more than forty purveyors of local food and agricultural products convened on the State House lawn for the first ever Summer Buy Local Market. The event was organized by the Vermont Agency of Agriculture,

Food & Markets as part of the state's Local Food Wellness and Consumer Awareness Initiative, in partnership with the State of Vermont, Capital City Farmers' Market and The Northeast Organic Farming Association of Vermont (NOFA-VT).

The market seeks to offer the same great quality, diversity, and freshness available at the weekend Montpelier farmers' market to week-day shoppers, who might otherwise miss out. Downtown and state employees, Montpelier residents, and visitors can enjoy the opportunity to shop for local foods and handmade goods, such as wood products and yarn, as well as ready-to-eat foods for lunches and snacks, like fresh juice, hot dogs, sandwiches, and ice cream.

Market vendors can expect to meet new customers and the opportunity to share their products on the scenic State House lawn. The market will also feature a number of local nonprofits and other organizations to promote agricultural literacy and share information on recycling, composting, and programs to support agricultural producers.

The deadline for vendors apply for free booth space is July 10. To learn more about the Vermont Agency of Agriculture's Buy Local Markets, visit <http://bit.ly/vtbuylocalmarket>.

Lightning and Sun Safety

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greater should always be used if the child is exposed to the sun.

- (N) Now! Protect children from the harmful effects of the sun now. Start today!

While farm work continues year-round non-stop, the prevention and detection of skin cancer may involve changing some attitudes and behaviors. A useful website to visit for more information is: <http://www.cdc.gov/nasd>.

Come Celebrate Vermont Agriculture at the 2nd

Buy Local Market

Statehouse Lawn

Montpelier, VT
Rain or Shine!
Wednesday, August 10, 2016
10am-2pm

Debit and EBT (3Squares VT) cards accepted.

VERMONT AGENCY OF AGRICULTURE, FOOD & MARKETS

VERMONT FARMERS' MARKET ASSOCIATION

Northeast Organic NOFA-VT Farming Association of Vermont

CAPITAL CITY FARMERS MARKET

Join us for Vermont Breakfast on the Farm in 2016!

1st Breakfast Date:

June 25, 2016

at Nea-Tocht Farm
in Ferrisburgh

2nd Breakfast Date:

August 27, 2016

at Green Mountain Dairy Farm
in Sheldon



Ancient Practice Gets Technological Boost

Merchants Bank Awards Salvation Farms Funds to Enhance Statewide Gleaning Website

Salvation Farms recently received a \$5,000 grant from the Merchants Bank in support of their work to advance gleaning in Vermont. Gleaning is the ancient practice of collecting quality crops, left in farmers' fields after they have been harvested or on fields where it is not economical to harvest.

Salvation Farms will apply this grant to the Vermont Gleaning Collective website which serves as a volunteer recruitment platform for member organizations' gleaning programs. Last year, the Collective gleaned more than 218,000 pounds of crops from 89 farms and distributed it to 70 recipient sites including the Vermont Foodbank which serves more than 220 additional agencies statewide.

Since the website's launch in 2014, the website has registered more than 500 volunteers statewide. Included in its features is the ability to broadcast upcoming gleaning events and aggregate gleaning data, enabling analysis of data from year-to-year, season to season, and region to region to understand where and when to best mobilize volunteers and track how much farm surplus has been captured.

Theresa Snow, Salvation Farms' founding director, says "We are grateful for the continued support of Merchants Bank. With this latest award we will be able to provide the Vermont Gleaning Collective a superior online tool to

respond to the growing demand for gleaners in our state. These enhancements will help us continue serving Vermont farms, reduce food loss, increase the amount of fresh, wholesome, nutritious food available to our state's most vulnerable populations, while creating increased efficiencies in engaging volunteers in experiential learning opportunities."

Become a gleaner at www.vermontgleaningcollective.org.

About Merchants Bank

A Vermont-chartered commercial bank established in 1849, Merchants Bank is the largest Vermont-based bank. The bank's business, municipal, consumer, and investment customers enjoy

personalized relationships, sophisticated online and mobile banking options, with 31 branches in Vermont and 1 location in Massachusetts; operating as NUVO, A division of Merchants Bank. American Banker ranks Merchants Bank a "Top 200" in America among 851 peers. For more information, go to www.mbv.com. Where do you want to grow? (Member FDIC, Equal Housing Lender, NASDAQ "MBVT")

About Salvation Farms

Salvation Farms' mission is to increase resilience in Vermont's food system through agricultural surplus management. Visit www.salvationfarms.org or call 802-888-4360 for more information.



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in Partnership with Vermont Dairy Promotion Council

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- Bacon Hot Dogs (beef plus bacon and pork)
- All-Beef Hot Dogs
- Summer Sausage
- Cooked Sausages (pork)

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

