

# MILK MATTERS

P.O. Box 5034, Sussex, NB E4E 5L2 Tel: (506) 432-4330 Fax: (506) 432-4333 E-mail: nbmilk@nbmilk.org

A monthly publication for New Brunswick milk producers

## April 15, 2017

**Blend Price:** The average price paid to New Brunswick producers who shipped milk in **March 2016: \$75.14/hl or \$17.94/kg of BF** for milk containing BF **4.1882** kg/hl, Protein **3.3177** kg/hl and LOS **5.7347** kg/hl.

### Quota Exchange Deadline:

Monday, May 1, 2017  
4:00 pm

### Credit Exchange Deadline:

Friday, April 21, 2017  
4:00 pm

DFNB encourages all producers to submit credit bids/offers on the DFNB Portal at [www.nbmilk.org](http://www.nbmilk.org)

### Incentive Days 2017

April 2017—1 day  
August 2017—2 days  
September 2017—3 days  
October 2017—3 days  
November 2017—2 days

**Email:** Please provide an email to keep up-to-date on important dairy industry news.

Should you wish to **stop** receiving your producer statement, newsletter, forms, etc. by mail, please advise the Board office at [nbmilk@nbmilk.org](mailto:nbmilk@nbmilk.org)

## DFNB BOARD OF DIRECTORS

<b>Paul Gaunce</b> Chairman	<b>832-4756</b>
<b>Richard vanOord</b> Vice-Chairman	<b>461-8281</b>
<b>Denis Cyr</b> North-West	<b>445-3103</b>
<b>Fons De Jong</b> Woodstock	<b>375-4049</b>
<b>Nick Duivenvoorden</b> Director-At-Large	<b>237-2087</b>
<b>Reint-Jan Dykstra</b> Moncton	<b>372-4685</b>
<b>Peter Kaye</b> Director-At-Large	<b>546-3914</b>
<b>Gerald Daley</b> North East	<b>546-5969</b>
<b>Robert Woods</b> Sussex	<b>832-5888</b>

## Local Milk Committee Spring Meeting Dates:

April 24	Sussex	Dept. of Agriculture Office—Sussex	10:00 a.m.
April 24	Moncton	Salisbury Legion	10:30 a.m.
April 25	Northeast	Dept. of Agriculture Office—Bathurst	10:00 a.m.
April 26	Northwest	Dept. of Agriculture Office—St. André	10:00 a.m.
April 27	Woodstock	Mount Pleasant Hall	10:00 a.m.
April 27	Fredericton	MOCO Lodge (1265 Route 105 Mactaquac)	11:00 a.m.

## P5 Quota Committee

The P5 Quota Committee is scheduled to meet April 20 to review production and markets as well as various quota policies. Markets across Canada grew almost 5% in the last 12 months and as the following retail sales numbers extracted from the CDC's March 2017 market bulletin [www.cdc-ccl.gc.ca](http://www.cdc-ccl.gc.ca) show, they continue to defy historical trends. P5 producers have been responding well to recent quota increases and additional incentive days even if demand for butterfat forced us to import additional butter or cream to meet demand. Production trends are finally catching up and we can see the combination of the CDC's and the Processor's butter stocks starting to climb and are forecasted to hit the target of 30,000 MT by July. Processing capacity remains maxed but some processors have recently announced plans to either add capacity to existing plants or build new facilities. Some projects are expected to come on line soon while others could take upwards of 2 years to complete. The P5 Quota Committee will take all of the above elements into consideration in determining if any future quota adjustments are required to ensure that production continues to be at the right level to meet markets.

Similar observations were published on page 48 of March's Milk Producer [www.milk.org](http://www.milk.org) and reproduced in French on page F2 of that same publication. Quebec's dairy producer publication <http://lait.org/en/our-organization/the-magazine/> included an editorial from their Chairman explaining that the growth is real and sustainable. This same publication included an article in the center insert on falling prices and rising quota.

	Previous 12 Month	12 Month	Change
Butter	57,727	60,267	+ 4.4%
Total Cheese	204,133	214,340	+ 5.0%
Cheddar	89,039	93,313	+ 4.8%
Fine Cheese*	51,988	54,327	+ 4.5%
Everyday Cheese*	59,988	63,407	+ 5.7%
Processed	59,318	58,250	- 1.8%
Ice cream	173,689	179,247	+ 3.2%
Yogurt	326,504	335,646	+ 2.8%
Cream	94,709	98,497	+ 4.0%

## Credit Exchange Order (2017-03)

The Board approved a change to the DFNB Credit Exchange effective August 1, 2017 by replacing the credit trading limit of 150 times Daily Quota over 24 months with a monthly credit trading limit based on the Daily Quota and Credit Position associated to the Producer's milk statement in the month prior to the Credit Exchange.

**Buyers** will be those with credits between -10 and +10

**Sellers** will be those with credits between -10 and -30.

Monthly trade limit will be the lesser of :

- ⇒ 8 times Daily Quota (month prior to credit exchange), or
- ⇒ Credit kgs needed to adjust credit position (month prior to credit exchange) to -10 times their Daily Quota (month prior to credit exchange).

## Dairy Farmers of New Brunswick

### Quota Exchange for April, 2017

Price in Dollars	# of Sellers	Kgs Offered By Sellers	Total Cum. kgs	Difference Between Sellers/Buyers	Total Cum. kgs	Kgs Wanted By Buyers	# of Buyers
\$14,000.00		.0	.0	40.5	40.5	1.0	
\$19,989.00		12.8	12.8	26.7	39.5	.0	
\$20,000.00		6.5	19.3	20.2	39.5	.0	
\$20,010.00		.0	19.3	20.2	39.5	.2	
\$20,050.00		1.0	20.3	19.0	39.3	.0	
\$20,250.00		12.0	32.3	7.0	39.3	.0	
QESP \$20,500.00		12.0	44.3	-5.0	39.3	.0	
\$20,750.00		13.9	58.2	-18.9	39.3	.0	
\$20,997.00		1.0	59.2	-19.9	39.3	.0	
\$21,000.00		.0	59.2	-19.9	39.3	1.0	
\$21,500.00		.0	59.2	-20.9	38.3	1.0	
\$21,750.00		.0	59.2	-21.9	37.3	3.0	
\$22,510.00		.0	59.2	-24.9	34.3	.1	
\$23,000.00		5.0	64.2	-30.0	34.2	1.0	
\$23,999.00		.0	64.2	-31.0	33.2	3.0	
\$24,000.00		52.6	116.8	-86.6	30.2	30.2	
<b>TOTALS</b>	<b>13</b>	<b>116.8</b>				<b>40.5</b>	<b>15</b>

Forms for the Credit Exchange and Quota Exchange will only be mailed if requested. Forms are available on the Dairy Farmers of New Brunswick website: <https://www.nbmilk.org/en/producer-info/forms-to-download>

QESP = Quota Exchange Selling Price

QESP = Le prix de vente de quota

39.3 of 44.3 kgs offered at or below the Quota Exchange Selling Price of \$20,500.00 were sold. There was a total of 116.8 kgs offered for sale

39.3 des 44.3 kilos offert au prix de vente de \$20,500.00 ou au dessous ont été vendus. Il y avait un total de 116.8 kgs proposés à la

Next Exchange closes at 4:00 p.m., Monday May 1, 2017

Results are available Thursday May 4, 2017

Tel. : (506) 432-4330 Fax: (506) 432-4333 Quota: (506) 432-4330

Month	Apr	Mar	Feb	Jan	Dec	Nov	6 month avg.
Clearing Price	\$20,500	\$20,989	\$21,408	\$21,500	\$21,007	\$20,500	\$20,984
Kgs on Exchange	39.3	41.4	38.4	38.1	22.1	17.0	32.7
Kgs by Transfer	.0	.0	.0	.0	.0	.0	.0

#### NB Domestic Milk Pool

Domestic Market	Butterfat Quota	Butterfat Shipped	Fill Rate	Butterfat	Protein	Lactose	HL	Under SNF Incentive
March 2017	534,589	551,116	103.09%	\$10.4727	\$6.9039	\$1.4561	\$75.14	\$6,557.23
Dairy Year	4,099,239	4,055,159	98.92%	\$10.4161	\$7.6725	\$1.5750	\$77.88	\$151,428.60
Marginal Market								
March 2017		356		\$0.0000	\$0.0000	\$0.0000	\$0.00	
Dairy Year		2,906		\$0.0000	\$0.0000	\$0.0000	\$0.00	
Deductions & SNF Ratios	Transport	Promotion	Admin	Lab Fee	Total Ded Per HL		SNF Ratios	Target Ratio
	Per HL	Per Kg of Total Solids						
March 2017	\$2.60	\$.1139	\$.0605	\$.0011	\$4.92	Current Month	2.1614	2.2937
Dairy Year	\$2.56	\$.1139	\$.0605	\$.0018	\$4.88	Past 12 Mo's	2.1930	
Components & Quality	Somatic Cell Count	Standard Plate Count	Lab Past. Count	Butter Fat	Protein	Lactose & O.S.	Total solids	Rejected Loads
March 2017	185,333	6,491	1,876	4.1882	3.3177	5.7347	13.2407	0
Dairy Year	191,086	10,004	512	4.1547	3.3239	5.7105	13.1890	1

### March 2017 Credit Exchange \$5.00/kg

18094 kgs of the 18366 kgs offered at or below the Credit Exchange Selling Price were sold.

A box on the producer statement shows how many credit days a Producer can buy or sell without exceeding 150 days.

DFNB will no longer be mailing the critical credit letters (red letters) advising of your credit position. Please review statement for position.

DFNB encourages all producers to submit credit bids/offers on the Portal at [www.nbmilk.org](http://www.nbmilk.org) - click on LOGIN link.

The portal offers: Estimate of production for current period based on pickups processed to date; ability to perform a custom production estimate based on your expected shipment volume or butterfat test for the current period; option to submit and manage credit offers while the credit exchange is open; production data by month since August 2004.

### **Quota Exchange Procedures**

Bids/Offers must be submitted on forms provided prior to **4:00 p.m. on 1st working day of month.**

All bids **must be accompanied by confirmation of funds from your lending institution if bid is greater than prior month's "Due Producer".** Producers will not be allowed to combine their "Due Producer" amount with their confirmation of funds from a financial institution to bid for quota equal to the combined amounts. **Bids or offers above \$24,000 will not be accepted.** Producers selling all of their quota on an exchange will be subject to a security deposit of \$1000/kg that will be returned 30 days after effective date of the transfer.

### **Credit Exchange Procedures**

Bids/Offers must be submitted on forms provided prior to **4:00 p.m. on the 4th working day after the 15th of the month.** Results are available on the morning of 25th. Producers exiting industry may purchase/sell credits one month following effective date of sale. *If you do not receive your statement in time to review your credit position, please call the office and we will fax /email your statement to you.*

### **Milk Penalty Funding**

**Re-active funding:** Producers subject to milk quality penalty may access \$100 from Milk Penalty Fund to offset, **once per year,** cost of visit from a milk quality technician.

**Pro-active funding:** Producers advised of second or subsequent milk quality infraction, prior to a penalty assessed, is allowed to offset, **once per year,** cost of a visit from milk quality technician to a **maximum of \$500.** Producers may apply for funding by forwarding paid invoices to DFNB office.

### **Minimum Quota Holdings Policy**

The Board will cease picking milk up when the farm's total daily quota falls below ten (10) kilograms.

### **Group Insurance Rates 12/01/16\***

The Co-operators, Group insurance rates:

**Monthly Single Coverage: \$116.00**

**Monthly Family Coverage: \$321.00**

Questions regarding claims, rates or enrolment? Please call:

**Emily Murphy of Alodium Financial at:**

**1-800-994-5155 or 506-850-1643**

**Email: emilymurphy@rogers.com or**

**call: Serge LeBlanc at 506-227-9628**

\*\*\*\*\*

### **Weekend/After Hour Quality Milk**

#### **Problems**

Should a producer require alternate transportation due to **quality related concerns.** Agropur (Eagle Transport Ltd.) will now be the first contact (**433-0421**). *If no answer, please leave a message.* Agropur (Eagle) personnel will advise of DFNB's policy with respect to extra transportation costs.

### **Weekend/After-Hour Service:**

Please call **432-4330.** The Answering Service will contact DFNB staff.

## **Agropur Club of Excellence**



**Congratulations to Frank Waterston of Braefield Farm in Penobscis who was recognized by Agropur for producing the highest quality milk of New Brunswick's Agropur members at Agropur's 28th Club of Excellence gala, which was held in Québec City on January 27, 2017. PHOTO: Tammy Scott-Wallace/Telegraph-Journal**

### **NB Research & productivity Council (RPC)**

As of April 20, 2017, anyone requiring the services previously offered by the N.B. Dairy Lab, please note that it will now be located at the following address:

**RPC Building, 921 College Hill Rd, Fredericton NB E3B 6Z9**

The main line at RPC is 506-452-1212.

Composition testing inquiries, contact Jill Hay—Email: Jill.Hay@rpc.ca

Microbiology testing inquiries, contact Corrie Maston—Email:Corrie.Maston@rpc.ca

Please check your "Junk Mail" folder if you are not receiving your test result emails from RPC and add RPC to your "Safe Sender" list.

### **Maritime Quality Milk website**

The Maritime Quality Milk website is up and running again in table form.

Producers may go to [www.milkquality.ca](http://www.milkquality.ca) and log in to get their results.

### **Additional Pickups:**

DFNB has amended its Bulk Milk Pickup order by adding a second level of everyday pickups. Currently producers can request (if bulk milk transporters have the equipment/capacity) up to 45 pickups over 24 months at an extra charge of \$2.00 per hl over monthly transportation rate. The amendment will create a second level where producers may request between 46 and 90 everyday pickups over 24 months at an extra charge of \$4.00 per hl over monthly transportation rate. The \$2.00 and \$4.00 per hl will be the minimum charge, in the event that additional equipment has to be dispatched then the charge will be equivalent to the actual transportation costs.

### **NB Dairy Hall of Fame**

The New Brunswick Dairy Hall of Fame was established in 1984 as a means of honouring individuals for their outstanding contributions made to the New Brunswick dairy industry. To qualify for induction, those nominating must provide a summary of the nominee's significant contributions to the improvement of the New Brunswick dairy industry through local, provincial, national or international efforts in the fields of marketing, organization, production, breeding, research, policy, communication or education.

**Please forward nominations for Inductees for the Dairy Hall of Fame to your Local Milk Committee prior to April 15, 2017.**

## Dairy Farmers of Canada

Are you passionate about the dairy industry? Do you participate in various local events or offer farm tours? Do you enjoy teaching people about how milk gets from the farm to the table? If so, Dairy Farmers of Canada can help by providing you with various promotional items, resources as well as material (i.e. outdoor tent, promotional backdrop, table top game, table cover, etc.). Note that all requests will be processed on a first-come, first-served basis and should be put in **at least 6 weeks** prior to your event. To learn more about what we can offer, just contact: Dairy Farmers of Canada's Regional Project Manager, **Michelle Arseneau Leger, at 1-800-465-2697(ext. 3) or [michelle.arseneauleger@dfc-plc.ca](mailto:michelle.arseneauleger@dfc-plc.ca)**

**Advertising Rates:** Active producers may submit dairy related word ads at no charge. *Producer ads will be advertised for two months only, unless otherwise notified. For other parties interested in advertising, the monthly rates will be \$400 (full page), \$225 (½ page), \$120 (¼ page) and \$65 (1/8 page). All ads must be received by 8th of month.*  
**Office Space For Lease:** 29 Milk Board Road, Roachville, 1100 sq feet divided in 4 Offices, Boardroom, and Storage Room. Please call: 432-4330 or email: [nbmilk@nbmilk.org](mailto:nbmilk@nbmilk.org)

### For Sale:

Used Beatty Barn cleaner transmissions and Chain. DE La val water bowls. 1000 Gal Milk Tank and cooler.Round Bale Feeders. Call 506-387-8733, or email [dhowe@nbnet.nb.ca](mailto:dhowe@nbnet.nb.ca)

### Wanted:

- Looking for work on a dairy farm. Please call 506-847-0219 or 506-608-5701 (cell).
- 1000 gallon bulk tank; 3-6 ton grain bin. Please call: Matthew Cassidy 654-2913

### For Sale:

- Boumatic double 8 milking parlour—New variable speed vacuum pump and sink in 2009. Rest of the parlour is a few years older. It is complete and mostly disassembled. Will also have all pieces to go in the concrete after we get them out here. Asking \$10000 for everything. Phone: 506 278 1982 or 506 392 7738
- Boumatic 1500 gallon tank; Fresh Cows. Please text Jesse at : 506-432-0548

## SERVICES

**Maritime Quality Milk:** [www.milkquality.ca](http://www.milkquality.ca)

**Quality Milk Management:** Don Anderson 432-5598 or [udder1@nb.aibn.com](mailto:udder1@nb.aibn.com)

**Antibiotic Testing:** Dairytown Processing Ltd. 432-1950, Ext 245. Sample bottle must include Name, Producer#, Email, Phone #, Cow#, Drug Used.

**Dairy Specialist:** Brian MacDonald Cell: 433-0509  
Email: [brian.macdonald@gnb.ca](mailto:brian.macdonald@gnb.ca)

**Livestock Feed Specialist:** David Dykstra phone: 434-5755  
[david.dykstra@gnb.ca](mailto:david.dykstra@gnb.ca); @NbForage

### AgExpert Analyst Certified Advisers:

David Christie 466-4305; Kim Waalderbos 260-3004

**Hoof Trimming:** E. Duivenvoorden 433-1864;  
Peter Jones 866-0531; Dwayne Black 328-1866

**Relief Milking and Farm Sitting**—Daily & Hourly rates  
Jens van der Heide 851-1793; [jvan\\_der\\_heide@hotmail.com](mailto:jvan_der_heide@hotmail.com)

### Custom Manure Spreading:

1-800-833-9899 or 433-0867; 756-3645 or 756-2957

## NB Environmental Farm Plan

John Russell 452-8101 or 381-2887 [john@fermeNBfarm.ca](mailto:john@fermeNBfarm.ca)

## Sussex Co-op Livestock Auction:

Sales every other Wednesday at 11:30 am Call: 432-1841

**Bob Calve Prices :** <http://bovin.gc.ca/en/price-info/cull-cattle-and-bob-calves/daily/>

**Wood Ash for Growers:** Call Gerben at 506-235-0652

**NB Beef Cattle Research Council:** Free webinars:  
<http://www.beefresearch.ca/resources/webinars.cfm>

**Dairy Farmers of Nova Scotia newsletter:**  
<http://www.dfns.ca/formsindex.htm>

## Milk Producer magazine

<http://www.milk.org/Corporate/Content.aspx?id=1941>

## Canadian Dairy Commission Market Bulletins:

<http://www.cdc-ccl.gc.ca/CDC/index-eng.php?id=3830>

## The Dairyland Initiative, affiliated with the University of Wisconsin.

Website contains excellent information on many dairy topics such as Calf Ventilation, Stall Sizing and Replacement Housing; .  
<https://thedairylandinitiative.vetmed.wisc.edu>

## Bulk Milk Tanks:

All bulk milk tanks needing calibrated will be coordinated by DFNB staff using the calibration services of both Dairy Farmers of Ontario (DFO) and International Dairy Calibrations Atlantic Ltd. (Eric Hope-Rapp). If you are planning to install a new tank or have installed one recently, please call **432-4330** so your farm can be added to the schedule.

### **Before replacing your bulk milk tank remember:**

New tanks of 1000 US gallons (3780 liters) must have a minimum outlet of 3 inches with a butterfly valve; New tanks less than 1000 must have a minimum of 2 inches with a butterfly valve; Used tanks of any size must have a minimum outlet of 2 inches with a butterfly valve.

## Upcoming Events

**DFNB BOARD MEETING:** May 2-3, 2017

### Local Milk Committee 2017 Spring Meeting Dates:

April 24—Sussex & Moncton; April 25—North East; April 26—North West; April 27—Woodstock and Fredericton

### Atlantic Farm Women's Conference—April 28-29, 2017

Delta Halifax 1990 Barrington Street, Halifax  
<http://atlanticfarmwomen.weebly.com/agenda.html>

### Private Agriculture L1 Pesticide Applicator Certification Course

**April 28, 2017**—Fredericton; **May 3, 2017**—Sussex (locations to be determined) Please contact Ken Browne at: [atlisnb2003@yahoo.com](mailto:atlisnb2003@yahoo.com)

### Benefit for Kirk Warman—May 5, 2017 6:00 pm—Sussex Lions Den

Proceeds to go to Kirk with his battle with cancer.

## DFNB SCHOLARSHIPS

Dairy Farmers of New Brunswick is offering **three (\$1000) Scholarships** in the hope that the young men and women who benefit from these scholarships will become tomorrow's contributors to agriculture in this province.

(1) **Dairy Farmers of New Brunswick Scholarship**

(2) **G.B. Whalen Memorial Scholarship**

(3) **Dairy Farmers of N.B. Memorial Scholarship**

**Application Forms** may be obtained from the DFNB office at 432-4330; on the DFNB website: <https://www.nbmilk.org> or email: [nbmilk@nbmilk.org](mailto:nbmilk@nbmilk.org)

All documentation **must** be received by **June 9, 2017**.

# **General principles of biosecurity and disease prevention 2: Vaccination and Immunity**

By Dr. Murray Gillies

Hello Dairy Farmers of New Brunswick!

Vaccination and a healthy immune system! These are certainly very hot topics in our modern world in both human and animal sciences.

In the dairy industry, vaccines remain a top line of defence in preventing disease. To reduce the use of antibiotics in animals they are one of the most important tools in your biosecurity program. This article will allow you to see the many benefits of vaccinating your herd and help you understand and use vaccines better.

Vaccines work by introducing elements of an infectious disease agent to a host in a controlled way. The host will not get sick but its immune system will remember and recognize the agent, enabling the host to mount a proper immune response when exposed to the real disease. This technique protects the individual and the herd from disease.

Typically, vaccines are divided into two categories. *Killed vaccines* are created by inactivating the pathogen, which destroys its ability to replicate, but keeps it intact so that the immune system can still recognize it. Killed vaccines tend to be safer to use since they do not contain live disease agents, but they typically do not induce as high a level of protection as our modified live vaccines. *Modified live vaccines* stimulate a protective immune response with the introduction of altered live infectious agents. These agents will be unable to replicate enough to cause illness, but will provoke an immune response that can protect against future infection.

Live vaccines offer the best protection for your herd. The use of these vaccines must be discussed with your veterinarian to understand when and how to use them correctly. Inappropriate use of live vaccines can cause severe problems, including abortions. It is important to be familiar with both types of vaccines to get the best protection for your herd.

Different vaccines are available for use by farmers at various stages of the cow's life. Calves, yearlings, heifers, lactating and dry animals and also beef cattle need specific treatment according to their life stage. A list of available vaccines is provided in this article for you to discuss with your veterinarian.

All living animals are in a constant battle against infectious agents such as viruses or bacteria. Individuals and herds stay healthy as long as their immune system is stronger than the challenges they face. For calves, the first and most important protection against disease is the high quality colostrum they receive early in life. Colostrum provides new-born animals with antibodies made by their dam or another cow, and these remain in the calf's body for months, protecting it until its own immune system is able to produce antibodies. It is essential that every calf gets colostrum as soon after birth as possible; this cannot be stressed enough. The second most important protective management strategy for calves is providing them a clean and dry environment. Their bedding should be comfortable and enough to cover half of their body like a nest. Colostrum and vaccinations strengthen a calf's immune system and a good, clean, dry environment with adequate bedding reduces exposure to potential disease agents. In most operations, if you have mastered both colostrum management and calf housing, your calves will thrive, happy and healthy. Under veterinarian supervision calves can be treated with vaccines such as the first defence pills to treat *E. coli*, for example, which is caused by poor colostrum quality, an increase in bacteria in the environment or the presence of a particularly vicious bug (called a very virulent pathogen).

Breeding heifers are at the life stage when most farmers start vaccinating. The best time though, to start heifers on a vaccine schedule, is prior to breeding. Even in very healthy animals, vaccination is important. It can prevent respiratory viruses that can cause pneumonia as well as breeding problems and abortions, the most common issues in heifers. Preventing exposure can be challenging since these viruses (like the common cold) are free floating in the air and easily move from animal to animal. The most common products to use in these animals are vaccines that protect against Infectious Bovine Rhinotracheitis (IBR), Bovine Virus Diarrhea (BVD), Para-Influenza Virus (PI-3), and Bovine Respiratory Syncytial Virus (BRSV). Some vaccines may contain other agents such as *Mannheimia hemolytica* (the main cause of shipping fever) and/or leptospirosis.

Farmers should discuss product options with their veterinarian since the decision on the best product should be based on a number of factors. Your facilities, the ease of giving the vaccine, disease risks in your herd and in your geographic area, familiarity with a product and its cost are all factors to consider. Once a decision has been reached on the most appropriate product, you can work out a standard operating procedure or vaccine schedule with your veterinarian and follow this each and every year. Having a vaccination schedule and standard operating procedure will be mandatory for compliance with Proaction so every dairy producer will need to have these in place soon. If you still decide that vaccinating is not for your herd then your standard operating procedure can simply say "we do not vaccinate" and this will be acceptable for Proaction requirements, however, vaccinations are highly recommended.

Most vaccine products require what is called an initial series, with a booster typically given 2-4 weeks after the first vaccination. Once an animal has been primed with this initial vaccination and booster series, it can then be vaccinated once every year since the majority of products claim a year's worth of protection. It is still very important to read the label, however, to be aware of the claims of the specific product you are using.

(Continued on page 6)

## General principles of biosecurity and disease prevention 2: Vaccination and Immunity (Continued)

The biggest selection of vaccines and other immune system enhancing options is available for adult cattle. These include vaccines for mastitis, respiratory and reproductive issues, and specific individual diseases and outbreaks, along with immune system boosters. You can also vaccinate adult cattle to improve their colostrum quality and further protect your calves.

You will have to work with your veterinarian to decide which vaccines are most appropriate for your adult animals. I encourage everyone to keep up with a general vaccination strategy against the respiratory and reproductive viruses that can cause a great deal of trouble for your herd. This can be a straight forward extension of your heifer vaccination protocol. If you have a herd that has not been vaccinated recently or ever, speak to your veterinarian to implement a strategy for a safe, reliable vaccination program.

In addition to vaccines, immune boosting products such as Elanco's Immrestor or Bayer's Zelnate are now available. These vaccines are not designed to tackle specific diseases but to boost an animal's natural immune system, enabling them to fight off infections particularly during high risk periods. Not cheap, they are proving to be effective in helping to reduce mastitis, pneumonia and other infectious diseases.

Again, you should discuss all vaccination options with your veterinarian to ensure they fit your farm's standard operating procedures and vaccination schedule, and to get the best protection for your herd and your operation.

### Vaccines for calves:

**Scours:** First defence. Calf Guard.

**Pneumonia:** Inforce 3. Once PMH

### Vaccines for cattle:

**Scours** (Vaccinate the cow to protect the calf):

Scourbos 9. Scourguard 4kc

**Pneumonia:** Bovishield gold fp5. Express fp5.

Cattlemaster. Triangle 5. Triangle 10. Virashield

**Clostridials** (blackleg/tetanus): Covexin 10 plus

**Mastitis:** J-Vac. Enviracor J5. Topvac

**Pinkeye:** Maxiguard. Pinkeye Shield

**Immune boosters for cattle:** Immrestor. Zelnate

Thanks for reading!

*If you have a specific topic you would like to see in this feature, feel free to email me or one of your local DAAF Veterinarians your suggestions.*

*Dr. Murray Gillies is a field veterinarian for the Government of New Brunswick's Department of Agriculture, Aquaculture and Fisheries in the Sussex Regional Office, the current president of the Atlantic Bovine Practitioners Association, and president-elect of the Canadian Bovine Practitioners Association. He can be reached at [murray.gillies@gnb.ca](mailto:murray.gillies@gnb.ca) or by text at 1-506-435-3339.*

**Sussex:** 432-2001

**Moncton:** 856-2277

**Fredericton:** 453-2219

**Wicklow:** 392-5100

**Bathurst:** 547-2089

**Edmundston:** 735-2060

## Looking for Dairy Farms

To sell To Canadian & European Buyers

Looking For Any Size Farm

Call Ted de Winter

Your Dairy Farm Sales Specialist

For More Details



Cell : 1(506) 434-3963

Email: [ted@teddewinter.ca](mailto:ted@teddewinter.ca)

RE/MAX Quality Real Estate Inc.

654 Main St., Unit 11

Sussex, N.B. E4E 7H9

### *Milk Cheque For Life?!*

- Retiring from the dairy business, but still seeking the security and comfort of a regular "milk" cheque?
- Interested in a secure 4%-5% income stream in a "2% world"?
- Want to pay less tax = higher income?
- Curious how you can "equalize" your estate for your non-farming children?

Call NOW for an informal chat.

*"Straight Answers · No Obligation · No Bull"*

**ScotiaMcLeod**

Webster  
Wealth  
Management

506-432-1982  
1-888-432-1985  
[www.websterfinancial.ca](http://www.websterfinancial.ca)

### DFNB Mission

*To represent the interests of New Brunswick dairy farmers in their pursuit of operating sustainable dairy farms that produce high quality milk within a supply management system.*



**CLARENCE**  
FARM SERVICES LIMITED

**MILK TO THE MAX !**

**BACK BY POPULAR DEMAND!**

**2017**

**APRIL 19 — TRURO**

**BEST WESTERN GLENGARRY**

**APRIL 20 — MONCTON**

**CASINO NEW BRUNSWICK**

**BUILDING FOR THE COW & OPTIONS FOR AUTOMATED FEEDING**

GUEST SPEAKER!

**DR. NIKO VREBURG : VETVIE - COW SIGNALS**  
**SCOTT MOORE : CARGILL ANIMAL NUTRITION**

**PLEASE CONTACT YOUR PURINA DEALER OR FARM CONSULTANT FOR TICKETS**



### Atlantic Dairy Industry Central Event Calendar

<http://www.valacta.com/EN/Atlantic/Pages/Atlantic-infos.aspx>

If you have events to add, email : Jeff Gunn at [jgunn@valacta.com](mailto:jgunn@valacta.com),

Fred Vanderkloet [fsvanderkloet@gov.pe.ca](mailto:fsvanderkloet@gov.pe.ca) or

Brian MacDonald [brian.macdonald@gnb.ca](mailto:brian.macdonald@gnb.ca)