

valacta

Your  
expertise,  
my gain!



THE EVOLUTION OF VALACTA ATLANTIC DAIRY PRODUCTION **2012**



# more

parasite protection.\*



# more

gain, less pain.\*



# more

flexible mastitis protection.\*



# more

breeding success.\*



# more

latitude in treating BRD.

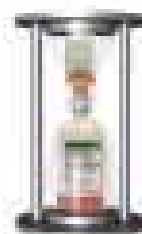


Merial is committed to giving you more. By providing reliable, quality products you can count on for your dairy herd's health needs. By partnering with your Veterinarian to help you maximize the productivity of your operation. And through our longstanding support of 4-H programs – and the next generation of Canadian farmers. Talk to your Veterinarian about the Merial products that are right for you.



\*IMRAB®, ANAFEN®, J-VAC® and CYSTORELIN® approved for Zero Milk Withdrawal.

® The CATTLEHEAD LOGO and IMRAB®, ANAFEN®, J-VAC®, CYSTORELIN®, ZACTRAN®, IMRAB® and VIROCID® are registered trademarks of Merial Limited.  
© 2009 Merial Canada Inc. All rights reserved. DAUFY123758 (pt) 4998-2009



[www.merial.ca](http://www.merial.ca)

## Table of Contents

A Word from our President	2
A Word from our General Manager	2
A Word from your Board Member	4
Bringing Research to the Farm	5
Simplify your Life with Technical Solution	6
More Milk and a Teat please!	8
Improving Health through Concerted Action!	12
Milking System Type	17
Rearing Young Calves in Group Housing	18
Total Performance Index (TPI)	22
TPI 99 2012!	23
National Statistics	24
Production and Management Average	26
Provincial 305 Day Production Average	27
Annual Provincial Herd Demographics – All Herds	27
Management Center Benchmakrs	28
Top Publishable Cow Records by Breed by Province	29-30
Top Publishable Herds by Herds Size – All Provinces	30-31
Top Disposal Reasons / Live Cattle Movement	31
New-Brunswick Publishable Herds	32
Nova-Scotia Publishable Herds	33
Prince-Edward-Island Publishable Herds	34
Newfoundland Publishable Herds	35
Staff	36

## Special Thanks to our Advertisers

Merial	Inside Cover
DeLaval	3
Mueller	7
Zoetis	11-13
CIAQ-Semex-East-Gen/West-GeN	13
AIC Dairy Technologies	15
Clarence Farm Services	17
Jamesway	21
Farm Credit Canada	21
ADL Foods/Amalgamated Dairies	23
Kubota	25
Ventec Ventilation	28
ValMetal	35

**Dairy Production Centre of Expertise**

555 Anciens-Combattants Boulevard Sainte-Anne-de-Bellevue, Quebec, Canada H9X 3R4

Customer Service : 1-800-266-5248

**www.valacta.com**

**valacta**

# A Word from...

## Our President

### Pierre Lampron, Dairy Evolution 2012



**U**pon becoming president of Valacta in April 2012, I delved in to get a good overview of the company. Frankly, I was astonished at the multitude of services offered by Valacta! The orientation of the Board of Directors is to meet the specific needs of the producers regardless of the size of their herd, their level of computerization, or their management style. At Valacta, increasing

services also means increasing expertise; our solid R&D team is made up of experts from all areas of dairy production. They are the ones in charge of developing the training sessions and also to train our staff. In the field, the teams of technicians receive training regularly. Teamwork is valued at Valacta and all are encouraged to work together with our industry partners. Make sure to take advantage of all of this expertise! After all, milk recording is the best management tool in the world for dairy producers. Why would anyone want to miss out?

At home on our farm, my brothers and I meet the daily challenge of producing more efficiently while also respecting the rules of organic production. We run a 120 cow dairy farm with 350 ha in organic crop production. We wouldn't go without our precious

data! There are so many decisions to be made when managing a dairy farm. Our data helps us to know that we are making the right ones!

I invite you to take a look at the results that we achieved together in the dairy sector. We should be congratulated! SCC is dropping slowly but surely, in Quebec and the Atlantic Provinces. We are doing a good job, let's continue to improve.

Enjoy reading Dairy Evolution 2012 and remember to take full advantage of all that Valacta has to offer. It is there for you.

**Pierre Lampron,**  
President and Dairy Producer

## Our General Manager

### Daniel Lefebvre, Ph.D., agr.



**I**t gives us great pleasure to present the 2012 edition of our annual look at the Evolution of Valacta Atlantic Dairy Production. We at Valacta see the development of our services in the Atlantic Region as a great motivation. We know that

what we have to offer is relevant to dairy production both today, and in the future. You already know that we value ongoing training. For the past years, we have offered you training sessions that have made a difference. I think of *What to do before two* on the raising of heifers and also, but not least, of *Focus on 400K*. Read Dr Greg Keefe about the improvement of the SCC on page 16.

In 2012, Valacta was awarded a mention in the Grands Prix québécois de la qualité. The Grands Prix awards constitute the highest distinction given annually by the government of Quebec to businesses and organizations that distinguish themselves through management and global perfor-

mance. This recognition is a great source of pride which reflects on all of the employees at Valacta, as it is their engagement on a daily basis that makes Valacta successful.

I would like to thank our partners in the publication of the 2012 edition of the Evolution of Valacta Atlantic Dairy Production and the sponsors whose financial support makes it all possible.

And finally, a special thanks to all our clients for your confidence in us.

**Daniel Lefebvre, Ph.D. agr.**





## A Word from...

### Your Board Member

### Dannie MacKinnon, Valacta Atlantic Board Member



**T**he theme for our report this year is Your Expertise, My Gain. This past year was a very challenging year for dairy farmers all over Canada, with the never ending increase in input costs and unstable blend prices. Valacta cannot solve all the challenges in the dairy industry but it does make an effort to rise to the challenge of helping to keep our production costs under control. Last fall Valacta offered the “What to do before Two” seminars throughout Atlantic Canada. Our staff have reported that these courses have been very successful in changing the way farmers feed and manage their replacement stock.

Valacta also carried out a successful pilot project in New Brunswick. Two of our technicians have been coached to become specialized technicians and are

now able to provide enhanced services to clients. We are hopeful that we can extend this service to the other provinces. Valacta is also rolling out the Potential Gain and Labour Efficiency Projects that will soon be other tools available to help maximize the efficiencies on our farms.

Teamwork and understanding is important to us. This is why we have supported Sylvia Lafontaine, the Atlantic Regional Manager in her decision not to renew. Sylvia has decided not to renew her engagement in Atlantic and we support her decision. Meanwhile, our sales and marketing manager, Louis Fréchette, will be there for you.

A special thank you to Paul Gaunce for his years of service to the Valacta Board as Atlantic Canada’s Observer. Paul has

stepped down from this position as he has a very busy work load with DFNB.

For the first time, the Valacta Atlantic Advisory Committee has called for nominations for the positions of Board member and Observer. The process has been completed and I will remain as your Board Member for the coming year. Mr. Denis Cyr, a dairy farmer from New Brunswick, will join me at the board table as the Observer. It was a pleasure to work with Paul Gaunce over the years and I am looking forward to working with Mr. Cyr to help make Atlantic Canada a better place to be a dairy farmer.

A handwritten signature in dark ink that reads "Daniel A MacKinnon".

**Dannie MacKinnon**  
Valacta Atlantic Board Member

# Bringing Research to the Farm

Valacta's role with regard to research is clearly defined in its mission: "Unite industry stakeholders in improving the efficiency and profitability of dairy enterprises by stimulating the development of knowledge, facilitating its diffusion, and encouraging its adoption by dairy producers." So transferring research results to the farm is part of our DNA. The important thing to keep in mind is that, ultimately, the knowledge transfer needs to produce concrete results.



DANIEL LEFEBVRE, PH.D., AGR.,  
GENERAL MANAGER AND R&D  
MANAGER, VALACTA

**I**ndeed, "development of knowledge" is essentially research, hence an upstream activity in the innovation chain. Researchers are looking for answers; sometimes to fundamental questions, sometimes to particularly functional ones. Fortunately, they often find those answers! And what they find can then be applied on-farm to the benefit of producers and the dairy industry as a whole.

The ultimate goal of the innovation chain is implementation. Indeed, beyond the knowledge it generates, research attains its full value only when the findings of the work are implemented by end users, who are motivated to modify their practices based on the results. Valacta is involved in the innovation chain to varying degrees, but its role intensifies as one gets closer to the farm.

## A team devoted to knowledge transfer

The main role of Valacta's R&D team is to initiate the chain through which research results will eventually find their way to application on the farm. Depending on the type of knowledge generated, this transfer can take multiple forms: training for advisors, technicians, producers, industry partners, tools, software, technical guides, laboratory analyses, reports, conferences, workshops, etc. The R&D team most often acts as a catalyst for these types of projects but carries them through in synergy with both internal (laboratories, information technology, regional services) and external partners.

Practical training courses are among Valacta's most visible transfer activities. The approximately 100 training sessions given throughout Quebec and the Atlantic provinces draw about 2000 producers. Valacta's strategic advisors, all experienced instructors, are the next group to take over, working as trainers in all the regions, quite often in collaboration with local partners. For example, Maritime Quality Milk was a partner for the Focus on 400K training course.

## Beyond the training courses

The subject of the practical training often serves as a basis for a series of complementary initiatives aimed at maximizing the efficiency of the transfer process. The articles you will find in the present publication aim to give you information following the training course *What to do before two*. It's true that attending a practical training course can help make producers aware of an opportunity for improvement, and set them to thinking about changing their practices. The training is often the beginning of a thinking process for producers, one that continues in discussions with their technicians or other partners of the producers, like their veterinarian after the course.

# Simplify your Life with Technical Solution

A wide range of technical services to facilitate the life of dairy producers

## **Technical** solution

valacta

### **Simplify your management by entrusting your Valacta technician with:**

- Production data entry to improve the management of your herd;
- Health data entry and functional traits recording for genetic evaluation;
- Animal registration via the web;
- Permanent ID for cattle traceability;
- Taking measurements such as body condition score, weight and height of your heifers;
- Taking samples for herd feed analysis;
- Milking supervision and assistance;
- Data transfer from your automated milking system with the Trans-D application;
- Printing and preliminary overview of your Valacta reports.



### **Technical Solution is available across Quebec and the Atlantic Provinces**

Your Valacta technician is a valued collaborator, who observes your animals in their environment, who can perform basic assessments and refer you to any resource that you need in order to achieve your goals.

Our team of technicians work in close collaboration with all the other Valacta professionals and, when needed, any other industry partner with whom you do business.

With the help of your technician, you too can contribute to genetic evaluations and to the competitiveness of Canadian genetics.

You are a Technical Solution client and you want to add to the range of services that you currently receive?

You do not yet take advantage of Technical Solution? Join the 63% of dairy producers already enrolled!



### **Simplify your life with Technical Solution**

Valacta, the Dairy Production Centre of Expertise, belongs to dairy producers. The Valacta laboratory enjoys a fine international reputation and is ISO 17025 certified and the Valacta information technology centre performs data processing for all milk recording herds across Canada.

Contact your Valacta technician to learn more about how you can benefit from the wide range of services offered by our Technical Solution service.

1-800-BON-LAIT  
1-800-266-5248

[www.valacta.com](http://www.valacta.com)

## **Valacta – Dairy Production Centre of Expertise**



# MUELLER® LONGEVITY

These milk coolers  
DO look similar,  
don't they?



The next time you're in the market for milk cooling equipment, consider this: Is it a good business decision to spend 75% to 90% of the price of new on a milk tank that is 20 to 40 years old?

Although we are extremely proud of Paul Mueller Company's outstanding reputation for longevity, and even though these milk coolers do look similar on the outside, they are really very different on the inside. We have spent the last 60-plus years improving and fine-tuning the Mueller® product line to become the premier milk cooling equipment company in the world today. We have the experience and expertise to deliver the most cost effective and efficient milk cooling equipment bar none.

Milk cooling is our number one priority, not an afterthought or sideline. Contact us for ideas on how to improve your milk cooling and fiscal bottom line when investing in milk cooling equipment.

## MUELLER®

*THE MILK COOKING SYSTEMS SPECIALISTS™*

1600 West Phelps Street Springfield, Missouri 65802 • Phone (417) 575-9000 • 1-800-MUELLER (682-5537)  
Sales: 1-888-645-5826 • Fax: 1-800-436-2466 • E-mail: [dairyfarm@paulmueller.com](mailto:dairyfarm@paulmueller.com) • [www.paulmueller.com](http://www.paulmueller.com)

# Milk feeding for calves

## More Milk and a Teat please!

Reaching growth targets for calves requires first and foremost proper milk feeding. But are our current practices appropriate? It's high time for an update! Be warned: the recommendations that follow will probably shake up your long-established routine. Milk volumes are revised and bucket feeding is abandoned in favour of a teat-based system.

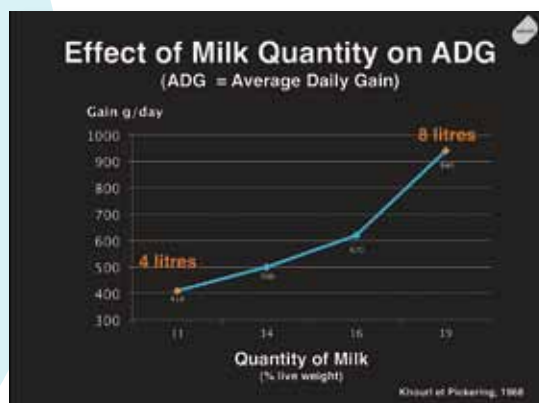


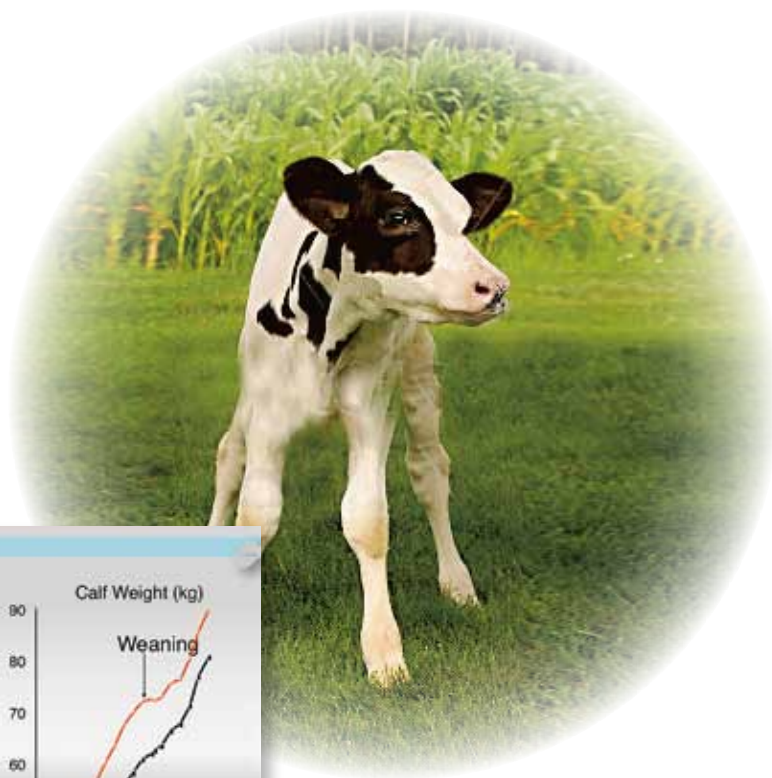
BY PIERRE-LUC PERREAULT, AGR., STRATEGIC ADVISOR,  
AND JULIE BAILLARGEON, AGR., RESEARCH PROJECT AND  
TECHNOLOGY TRANSFER COORDINATOR, VALACTA

### Milk volumes are increased

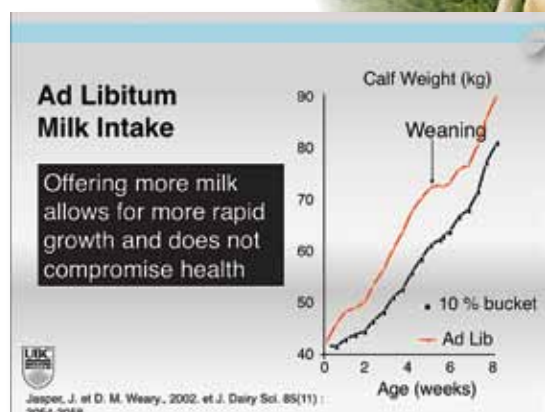
Can four litres of milk per day meet our calves' growth requirements? The short answer is NO! This minimum recommendation that has been common practice for years is definitely insufficient. The ultimate goal is to have a heifer reach a weight of 681 kg<sup>1</sup> at 24 months. This requires an average daily gain (ADG) of about 0.875 kg per day. It is almost impossible to obtain such a weight gain with 4 L of milk per day. Moreover, it is important not to stray too far from this target weight since it is very difficult for calves to catch up after a period of slower growth.

Figure 1





**Figure 2**



A study dating back to 1968 already showed that a significant improvement in the ADG was obtained when calves were fed 8 L of milk or more per day. In Figure 1, we see that the ADG with 4 L per day is only 410 g. With 8 L and more, the ADG more than doubles, reaching 940 g. This potential for weight gain still exists today.

Higher weight gains can be obtained by allowing dairy calves free access to milk. A study conducted at the University of British Columbia in 2002 clearly shows a positive difference of 10 kg between calves fed ad libitum and those limited to 10 per cent of their body weight in milk (4-5 L/day, Figure 2).

It's now official: the era of feeding calves four litres of milk per day is in the past! The minimum recommendation is now at least eight litres (six for small breeds) up to appetite.

## WARNING

The calf's weight gain must be lean tissue rather than fat to avoid compromising future milk yield. Moreover, an ADG of more than 1000 g/day before puberty increases the risk of fat accumulation. The development of milk-secreting cells will be affected and future production could suffer by it. This is why it is recommended that you monitor calf growth closely, by measuring weight, height and body condition on a regular basis. Ask your Valacta technician for support.

## Did you know that...

When a calf increases its ADG by 450 g before puberty, she will produce 385 kg more milk in her first lactation and over 1000 kg more in her second and third lactations.<sup>2</sup>

## Teat feeding is preferable

Besides quantity, it is important that milk be provided at the right temperature, delivered the right way, in the right place, and within an acceptable period of time. The milk must go directly but slowly to the calf's abomasum. It is when milk gets into the rumen that problems arise. Bucket feeding may appear to be a time-saving practice for the breeder, but because the milk is ingested more rapidly by the calf, it arrives quickly in the calf's digestive system all at once. Moreover, the supply of enzymes and saliva, required for digestion, is limited.

A calf's natural reflex is to suck for a few minutes after beginning feeding. So if milk feeding lasts barely a minute, the animal's need to suck will not be met and the calf will need to find another outlet. This is when abnormal non-nutritive sucking behaviours may occur (see Table 1).

Teat feeding therefore offers a number of advantages:

- less chance of milk getting into the rumen;
- longer feeding time improves milk digestion;
- less cross-sucking between calves;
- more efficient calf feeding operation: the milk can be served to the calves and the bottles and buckets picked up later.

Another important official announcement: Bucket-feeding is a bygone practice!

Figure 3

Calf Behaviour when in Pairs or Groups at Feeding Time		
	Min. / 30 min. of Observation	
	Bucket	Nipple
Milk Intake	1.39	4.04
Dry Sucking (empty bucket or nipple)	0.10	5.47
Cross-sucking Head or Neck	1.91	0.16
Licking Surroundings	1.43	0.76
Grooming	1.09	0.83
Inactive	1.46	0.97
Other Activity	12.7	12.1

Jensen and Buddie, 2006

## WARNING

Don't try to ease your conscience by using a bottle with a nipple that has been cut open with scissors! Flow is also an important factor to consider. A two-week-old calf should consume its four litres in seven minutes, while an eight-week-old calf should do the same in five. If the teats you have really must be cut open with scissors, use another type of teat. It is also important to choose teats that are easy to clean. Ask your suppliers for information; a varied selection is available.



## In conclusion

Nature does things so well and science continues to confirm it. It is essential that we respect the nutritional and behavioural needs of our calves. The recommendations presented in this article remind us that it is important to be attentive to the physical needs of our calves. The behaviour and growth performance of our calves convey a clear message: "More milk and a teat please." There's no longer any question of letting our calves go hungry or feeding them with anything other than a teat. They're sure to return the favour!

1: 608 kg (Average weight after calving, Évolution de la production laitière, Valacta, 2011) + 73 kg (weight of the foetus + placenta; NRC) = 681 kg (target weight prior to calving).

2: According to a study conducted at Cornell University, 2011 (unpublished data).

**There is much more to Valacta  
than Milk Recording.** Read the list on page 8.



## PREVENTION



Talk to your veterinarian about how a complete dry cow protocol can help your dairy cows at the start of the next lactation.

Give every dairy cow a

**FRESH START**

© 2015 Zoetis, a subsidiary of Wyeth, or its subsidiaries and their subsidiaries. Dairy products are registered as the property of their respective owners. ZOETIS, ZOE, and ZOE logo are trademarks of Zoetis Inc. in the United States and other countries.

**zoetis**



# Improving Health through Concerted Action!

Animal health is complex and crucial on a dairy farm. Experts increasingly work in multidisciplinary teams to better identify problems and suggest prevention programs. Working as a team was the preferred strategy chosen by Valacta in order to provide the training called “Focus on 400K” to dairy farmers in the Atlantic Provinces at the end of 2011.



ANNE-MARIE CHRISTEN, AGR.,  
PROJECT COORDINATOR, R&D TEAM.

**T**hanks to the collaboration of the four associations of producers in the Atlantic Provinces; the Maritime Quality Milk team (MQM), the Atlantic Veterinary College (AVC), Don Anderson, Udder Health Specialist, and Jean Brisson, Dairy Production Expert at Valacta, hundreds of you took advantage of the training offered. The objective was to help you review your habits, giving you simple and effective tools to improve the udder health of your cows.



Don Anderson in action! *Focus on 400K* was also attended by veterinary practitioners allowing for better monitoring on farms if needed after the course.



# Immunity+

## DISEASE RESISTANT GENETICS

### A GENETIC SOLUTION

- Sires' Immunity+™ sires have been tested and confirmed to possess high levels of immune response to fight disease
- Immune Response is highly heritable **25%**
- Immunity+™ sires pass on their natural defense to their daughters and subsequently to future generations

4 to 8%  
less  
disease

*Immunological, metabolic, and infectious diseases may indicate that a cow's immune system is compromised.*

*All milk producers  
want to have  
healthier cows.*

Get the list of **Immunity+**  
sires from your advisor.



194428

## LOOKING FOR PROVEN RESULTS? EXTENDED THERAPY WORKS!

Talk to your veterinarian. He knows.



**THE BLUE**  
Sentry Solution  
(extended therapy)

**zoetis**

\*Chlor is a trademark of Zoetis. ©2015 Zoetis Inc. and its subsidiaries. Zoetis hereby disclaims all liability for any injury or damage caused by the use of Chlor. 1504237

194427

Focus on 400k

## Did the training pay off?

More than a year has passed. What is the impact of this course, *Focus on 400K*? The numbers do not allow us to disentangle the effect of the training related to the new 400K standard enforced on August 1st 2012. However, we note with optimism that lower levels of SCC were widespread throughout 2012 in the Atlantic Provinces (Figure 1). This means you have given yourself the tools and taken advantage of the expertise provided to further increase the quality of the milk you produce! Bravo!

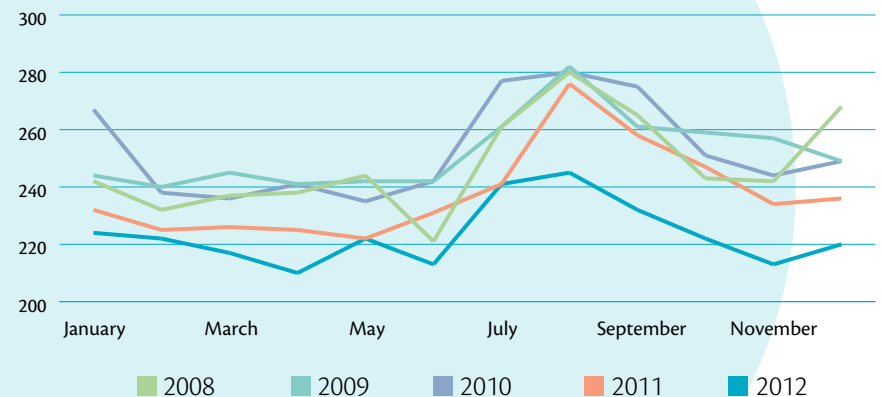
Producers of Prince Edward Island went even further by adopting very strict rules to meet higher standards for milk quality. The goal of this regulatory reform process was to provide a progressive monitoring and violation system that advanced milk quality while providing predictable outcomes for individual producers. Following these measures, it is interesting to observe how the distribution of the number of herds per stratum of SCC between 2011 and 2012 has evolved. Today more than 70% of herds in this province have an SCC of less than 225 000!

Have you not achieved your goals in terms of quality of milk? Do not hesitate to call your vet and MQM and Valacta experts to help you in your efforts. Tools and resources do exist, ask for them!

**Figure 1**  
**Somatic Cell Count**

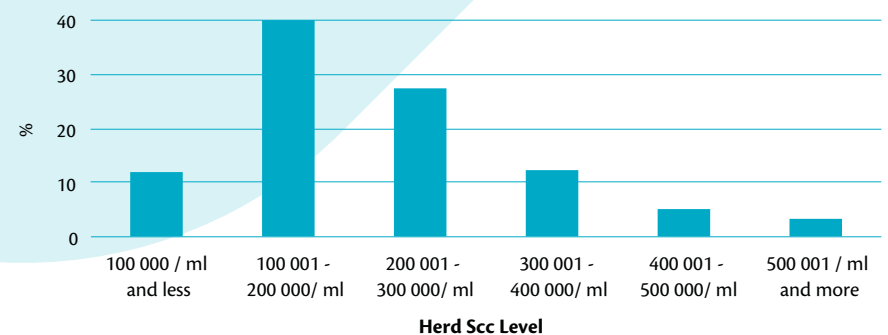
by Month in the Atlantic Canada 2008-2012 ('000 cs / ml)

Source: Valacta, 2013.



**Figure 2**  
**Distribution of PEI SCC Test Results by Range**

Source: Dr. Keefe, MQM, Valacta, 2013.





**AIC Dairy Technologies**  
introduces

# Freedom **COMPAK plus**™

- Upgrade using any brand stall cock and milk valve
- Can be reversed from right to left for installation with a rail system.
- Herd management download capabilities
- Easy installation, low maintenance cost
- The motor conception prevents vacuum loss when the milking unit is removed.
- See how milk temperature, milk weight and SCC indicator can go to work for you!



**The lightest  
detacher in the  
dairy industry!**

**A lightweight  
with heavyweight  
features!**

**DURABLE  
AFFORDABLE  
DEPENDABLE**



**Dairy Technologies**

609 N Holmen, Holmen WI 54633

**(608)526.6882**

**www.aicdairy.com**



**Sussex Farm Supplies**

3092 Rte 121

Fox Hill, NB E4E 5L3

506.433.1699

**Red Isle Dairy Services Ltd**

1185 Ingleton Rd.

Kensington, PE C0B 1M0

902.394.2260

902.394.9419

*Training course Focus on 400k*

## Beyond the quality of milk

More concerted efforts are underway between Valacta and MQM in the field of health; such as monitoring for paratuberculosis with the use of Vision 2000 production reports. Valacta and the Canadian Food Inspection Agency recently joined the research initiated by MQM to develop a simple and inexpensive method of screening for EBL (Enzootic Bovine Leucosis) in the bulk tank.



Dr. Greg Keefe, founding Director of the MQM program, remains focused on the needs of the regional industry as reflected by the composition of the Advisory Board: dairy producer organizations, dairy veterinarians, milk quality experts, milk recording agencies and dairy processors.

The material created for the *training Focus on 400K* was done by the Association of Veterinarian Practitioners of Quebec, Valacta and the Canadian Bovine Mastitis and Milk Quality Research Network and is still available at

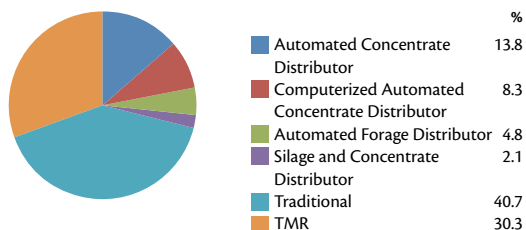
**[www.mastitisnetwork.org](http://www.mastitisnetwork.org)**



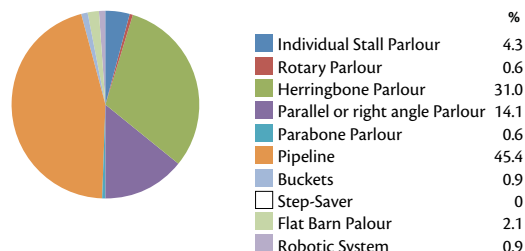


# Milking System Type in the Atlantic Provinces

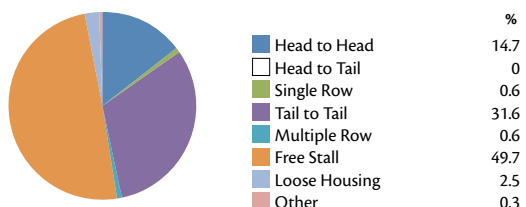
## Feeding system



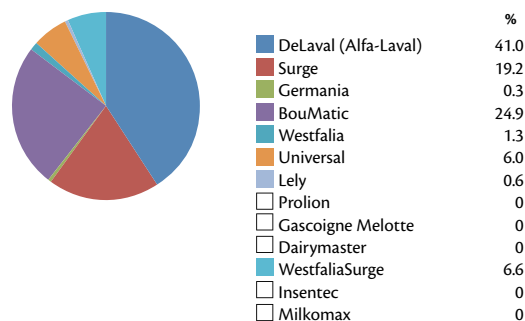
## Milking system type



## Barn type



## Milking system brand



Customized Nutrition That Fits...

**OptiLac.**  
Health • Performance • Profit



Phone number 1-800-565-4314  
Fax 1-902-893-1652

[www.sgripurina.ca](http://www.sgripurina.ca)



**Purina**

Copyright © 2011 Agribrands Purina Canada Inc. All rights reserved.

1000000

# Rearing Young Calves in Group Housing

Since the 1980s, calves on dairy farms have typically been raised individually. Now recent studies are leading us to consider group housing for our calves, a practice that is not only beneficial to the calf but is also convenient for the producer.



BY STEVE ADAM, AGR., DAIRY PRODUCTION EXPERT – COMFORT, BEHAVIOUR, AND WELL-BEING, AND JULIE BAILLARGEON, M.SC., AGR., RESEARCH PROJECT AND TECHNOLOGY TRANSFER COORDINATOR, R & D, VALACTA.

**H**ave you ever taken a few moments to observe the behaviour of cows or heifers in group housing? If so, you know that it isn't unusual to see them all eating or resting at the same time. Indeed, cattle are naturally social animals, preferring to go about their business as a group. Isolation can actually create anxiety in cattle and increase their stress level, which in turn makes them more vulnerable to disease.

And yet, it was mainly in an effort to limit the spread of disease that we have been housing our young calves individually on our farms. During the first weeks of life, a calf's immune system is still very immature. Isolation is hence an obvious solution to the problem of contamination among calves.

Nonetheless, recent studies lead us to believe that it is possible to raise young calves in pairs, or in groups, without compromising their health. Likewise, the advent of automated feeding systems has made group rearing more advantageous, particularly in large herds.



## Results of a Canadian study

### Pair housing: beneficial to the calf

Researchers in British Columbia studied the behaviour of calves housed individually and in pairs. All the calves were housed in individual pens at birth. When the calves were four days old, the partitions between some of the pens were removed so that half of the calves were grouped in pairs. During the milk-feeding period, no significant difference in milk intake was observed between individually-housed calves and pair-housed calves. However, pair-housed calves consumed 1.5 times more starter than individually-housed calves (93 g/d vs 59 g/d per calf), although weight gains were similar. In other studies, higher weight gains at weaning were observed for the calves reared in groups.

When the teat was withdrawn at weaning, less than half as many vocalizations were noted in the pair-housed calves, suggesting that these calves experienced less distress during weaning.

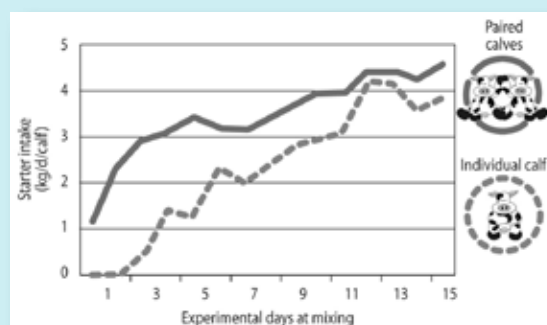
After weaning, all of the calves were grouped together in one pen. Automated feeders were used to dispense starter, hay and water.

Once in group housing, the calves that had been housed individually prior to weaning waited an average of 49 hours before consuming feed. In contrast, the calves that had been pair-housed in the pre-weaning period waited only 9 hours on average before being tempted (Figure 2). As well, the frequency of daily visits at the feeder was twice as high for the calves that had been reared in pairs.

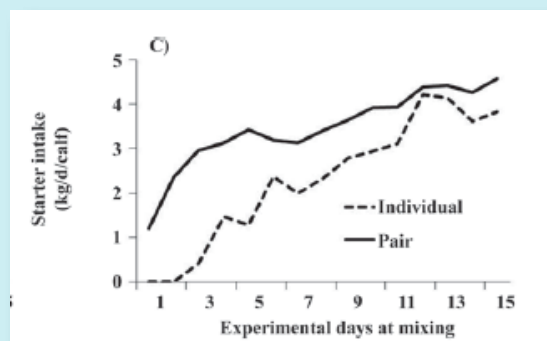
During the first two weeks in the post-weaning group, the calves that had been housed in pairs consumed more starter (Figure 1). The calves that had been housed individually at an early age lost weight during the first three days after mixing and their weight gain varied greatly from one day to the next (Figure 3).

In the light of these results, it appears that calves that are already used to physical contact with a companion adapt better to mixing after weaning.

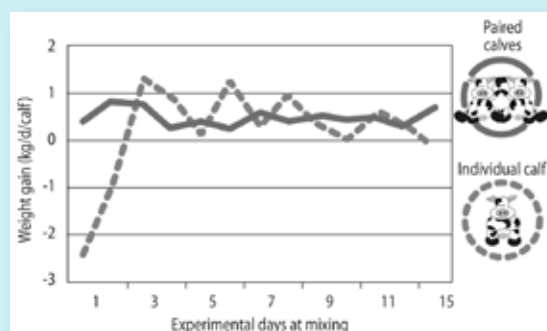
**Figure 1:**  
**Feed intake following**  
**post-weaning mixing**



**Figure 2 :**  
**Visits at the feeder following**  
**post-weaning mixing**



**Figure 3:**  
**Daily weight gain following**  
**post-weaning mixing**



## Five conditions that make group housing for calves a success

### Advantages of group housing

Group housing may help to reduce the work load related to cleaning calf pens and feeding. These operations are easily mechanized and so the tasks need not be repeated for each individual calf.

In operations where calves are housed in groups after weaning, adapting to the new group is easier and less traumatic when the calves have already been introduced to group housing prior to weaning. Hence, in small-sized herds with group housing after weaning, pair housing prior to weaning may be a simple way to reduce stress at mixing.

Another advantage to open housing, say some observers, is that calves housed individually prior to weaning tend to become subordinate cows when compared to those reared in pairs or group housing at an early age.

Finally, group-housed heifers are generally more energetic and lively because they have access to more space. A heifer that plays, jumps and runs is a healthy animal.

### Some specific conditions must be respected if group housing is to be successful for young calves:

#### 1 Ensure impeccable colostrum management and administration.

Calves should always receive a minimum of 2 to 3 litres of high-quality colostrum within the first two hours after birth. Moreover, calves must consume a minimum of 4 litres of colostrum during the first 12 hours of life. Bottle feeding is the recommended method for colostrum delivery, but tube feeding may be useful, if carried out correctly, when a calf is having difficulty feeding.

#### 2 Limit group size.

Ideally, groups should be limited to three or four individuals. More competitive behaviour is observed when there are more than five or six heifers to a group, and some animals will struggle to hold their own. The incidence of pneumonia is also reduced with smaller groups.

#### 3 Use teats for milk feeding.

Bucket-fed calves have a tendency to suck on one another because milk intake is too rapid to satisfy the suckling reflex. To avoid unwanted cross-sucking, calves should be fed from a bucket equipped with a teat.

Automated milk feeders are a good option for feeding young group-housed calves, and they have already proved their worth in terms of efficiency. In large herds, there are often 20 to 30 calves for one teat. Less competition is observed however when there are fewer than 12 calves per teat.

#### 4 Implement good bio-security procedures.

Teat hygiene is crucial to preventing the spread of diseases. Ideally, there should be a place where sick calves can be isolated to reduce the risk of spreading contagious diseases among calves.

#### 5 Provide dry, spacious housing with ample bedding and good air quality.

In group housing, a space allowance of 24 sq. ft. per calf is recommended. The more limited the space, the more competition there is among calves, and it becomes difficult to maintain dry conditions. For young calves, bedding is vital in limiting heat loss through contact with the floor.

# DURA-CHAIN SCRAPER SYSTEM

V-BLADES FOR LOWEST  
MAINTENANCE / BEST CHOICE  
FOR SAND BEDDING

ALLEYS OF  
DIFFERENT LENGTHS  
ARE NO LONGER A  
PROBLEM



ALCUMILITY / DURABILITY / RELIABILITY

GENUINE DURA-CHAIN

ADJUSTABLE DURA-CHAIN  
HANDLES ALL WEATHERS

CORNER  
MOUNTING  
OFFSET MOUNTING  
OR STRAIGHT  
MOUNTING

STRAIGHT BLADES ARE MOST  
COMPACT / BEST FRAME MODELS  
FOR CLEANEST FLOORS

**JAMESWAY**

[JameswayFarmEq.com](http://JameswayFarmEq.com)



FOLLOW US

[info@JameswayFarmEq.com](mailto:info@JameswayFarmEq.com) Tel: 819-845-7824

100001

Manager  
Strategist  
Marketer  
Accountant  
Problem Solver  
Role Model

**Farmer**

Debbie Burrows - FOC Customer

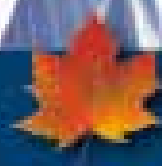
We understand  
your business

1-800-387-5232  
[www.fcc.ca/advising](http://www.fcc.ca/advising)



Farm Credit Canada  
Advancing the business of agriculture

Canada



100001



# Total Performance Index (TPI)

Valacta supplies its customers an index allowing them to evaluate the management level of their herd. Using BCA's to compare production levels, all herds, which have been Valacta clients for at least one year, having results for the 9 fields, receive this index.

The Total Performance Index, better known under its acronym TPI, is based on the analysis of nine parameters:

- Milk production per cow (BCA)
- Fat production per cow (BCA)
- Protein production per cow (BCA)
- Calving Interval (days)
- Dry period (days)
- Heifer age at calving (months)
- Heifer weight at calving (kg)
- Longevity (% animals in 3rd lactation or more)
- Somatic cells count (x 1000/ml)

These parameters represent the annual herd averages (12 months).

## Principle of the TPI calculation

For each of the parameters, the first step consists in measuring the distance between the value of the herd and the provincial average. For the parameters related to production, as well as those associated to the weight, if the values of the herd are higher than the provincial values, we attribute a positive value to them. For the other parameters, calving interval, dry period, age of heifers at calving and somatic cell count, herd values higher than the provincial average, are attributed a negative value as a high value is not desirable. For example, we want a somatic cells count to be as low as possible.

All lactations completed in the 365 days prior to the last test will be included in the BCA averages with the exceptions of those

with a start reason other than calving, a breed code of XX or with no BCA's calculated. Only heifer weight is ranked based upon the predominant breed of the herd. For this field, the breed is established based on the predominant breed at the last test of the year. If 75% or more of the animals are from a single breed, the herd will be considered of that breed and the heifer body weight compared to the average weight for that breed. Otherwise the herd will be considered mixed and compared to the average weight of the mixed breed herds. The herd value is compared to the breed average (herd – breed average) and the difference is used to establish the rank.

The second step consists in normalizing the values. This is a statistical procedure which allows the difference between the herd value and the provincial average to be expressed in standard deviation units. This is a crucial stage as we will now have all of the differences expressed in the same unit of measure. We can now compare calving intervals (in number of days) with production (expressed in BCA's).

Once the nine parameters are normalized, we are on our way to calculating the TPI value of the herd:

- We establish the percentile rank for each normalized value.
- We calculate the average of these 9 percentile ranks.
- We establish the global percentile rank of this average. This is your TPI.

This global percentile rank situates the herd among all participating herds and this for the combination of all the parameters considered. Given that each criterion is a sensitive indicator of the management of the herd, equal importance is given to all. Table 1 shows an example of the data used in TPI calculation of a Holstein herd.

Table 1:

### Example of the Data for a herd in 2012 (Atlantic Averages)

	Herd Average	Provincial Average	Corresponding Percentile Rank
BCA milk	224	199	80
BCA fat	238	200	89
BCA protein	225	197	83
Calving interval (days)	420	430	60
Dry period (days)	54	70	86
Age at calving (months)	28.95	27.9	25
Heifer weight (kg)*	550	600	7
Longevity	43.2	40.4	65
Somatic cell Count	158	220	77
<b>Average of the 9 percentile ranks</b>			<b>64</b>
<b>Total Performance Index</b>			<b>80</b>

\*Average for a Holstein herd

Items with a high percentile rank tend to indicate those management elements showing favorable results while those with a low rank indicate the management elements that deserve particular attention. A percentile rank of 80 as seen for milk production in Table 1, indicates that herd production is higher than that of 80% of herds. Conversely, a percentile rank of 7, as found for heifer weight, signifies that for this parameter the herd is higher than only 7% of the herds.

The percentile rank of each parameter thus makes it possible to evaluate the individual strengths and weaknesses of the herd management, while that of the TPI situates the entire herd management system within the population of herds.

# **Congratulations to our TPI 99 of 2012!**

**Top of the Morning Farm Ltd.,  
Holmesville, NB**

**Lawrence's Dairy Farm Ltd.,  
Burtts Corner, NB**

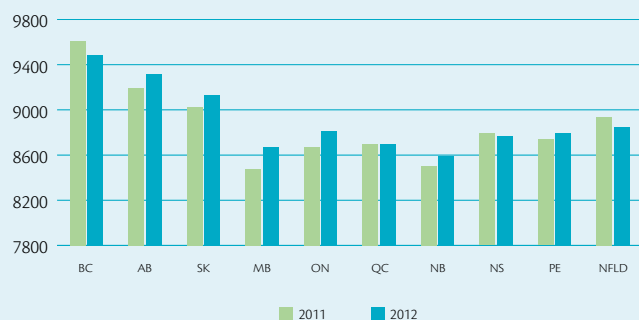


# National Statistics

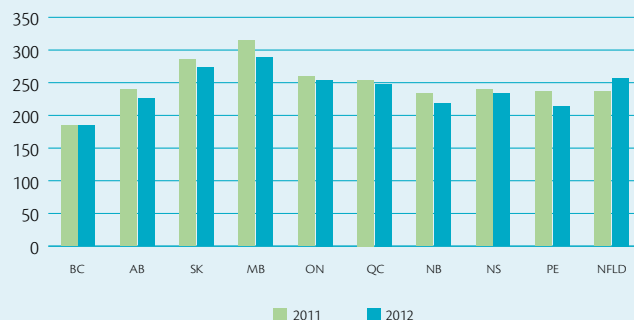
## Dairy Herd Statistics by Province

Province	Recorded Herds		Recorded Cows		Average Herd Size		% Herds > 100 Cows	% Recorded Herds
	2011	2012	2011	2012	2011	2012		
Newfoundland	5	5	773	710	154.6	142.0	80.0	14.7
PEI	121	118	9 045	9 253	74.8	78.4	17.8	61.3
Nova Scotia	149	148	12 550	12 646	84.2	85.4	25.0	64.0
New Brunswick	150	142	12 076	12 048	80.5	84.8	25.4	70.2
Quebec	5 086	4 989	294 154	296 925	58.4	59.5	8.7	79.4
Ontario	3 129	3 128	238 586	243 726	76.2	77.9	18.8	77.8
Manitoba	206	202	27 959	27 575	135.7	136.5	43.1	61.3
Saskatchewan	111	105	17 700	18 016	159.5	171.6	68.6	63.1
Alberta	459	455	62 209	62 682	135.5	137.8	61.8	78.2
British Columbia	307	307	45 458	46 473	148.1	151.4	60.9	59.5
CANADA	9 672	9 599	720 510	730 054	74.5	76.1	18.2	76.4

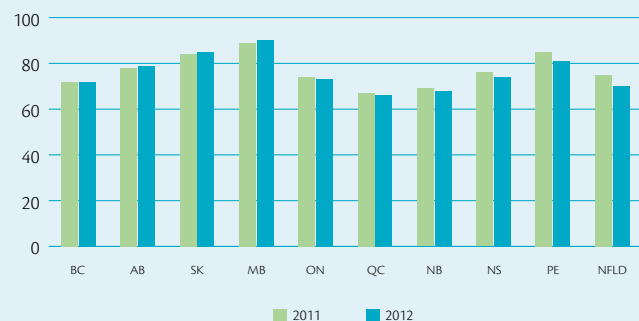
### Milk production (kg) per cow per province



### Somatic cell count average by province



### Average dry period (days)



### Calving interval (months)



# Kubota Muscle Series



Kubota M Series tractors pack power and performance into every tractor. You decide your budget and performance needs and one of our 150 authorized Kubota Dealers will partner you with an M Series from our extensive tractor line-up. Starting with our 50 Hp segment of economy MX or SU/SUHD models through to the all-new impressive premium MGX Powershift Series, with the M135GX at 135 Hp; there is an M Series tractor for you.



[Kubota.ca](http://Kubota.ca) | Like us on [Facebook.com/KubotaCanada](https://www.facebook.com/KubotaCanada) 

## Valacta-Atlantic Production and Management Average - December 2012

Breed	Average	Percentile 10	Percentile 90	Breed	Average	Percentile 10	Percentile 90
<b>Milk Production (kg)</b>				<b>Fat, kg (%)</b>			
Holstein	8898	7258	10429	Holstein	341 (3.83)	271 (3.58)	405 (4.12)
Ayrshire	6968	6300	7608	Ayrshire	290 (4.17)	257 (3.95)	332 (4.36)
Jersey	6125	4920	7619	Jersey	302 (4.91)	244 (4.72)	360 (5.24)
All Breeds	8761	6924	10420	All Breeds	338 (3.87)	269 (3.58)	403 (4.19)
<b>Age at First Calving (yy-mm)</b>				<b>Protein, kg (%)</b>			
Holstein	2-3	2-7	2-1	Holstein	283 (3.18)	229 (3.06)	332 (3.30)
Ayrshire	2-5	2-8	2-3	Ayrshire	232 (3.33)	207 (3.23)	254 (3.46)
Jersey	2-3	2-5	2-1	Jersey	227 (3.72)	191 (3.56)	271 (3.88)
All Breeds	2-4	2-7	2-1	All Breeds	280 (3.20)	225 (3.06)	331 (3.34)
<b>Weight at First Calving (kg)</b>				<b>Average Herd Weight including Cow-Heifers (kg)</b>			
Holstein	600	558	639	Holstein	637	596	679
Ayrshire	534	497	565	Ayrshire	567	545	596
Jersey	473	401	521	Jersey	483	421	527
All Breeds	593	545	639	All Breeds	629	576	678
<b>Longevity (% 3rd Lactation plus)</b>				<b>Margin Over Feed Cost (\$/cow/year) *</b>			
Holstein	39.1	27.7	50.8	Holstein	4577	3546	5610
Ayrshire	46.8	41.4	55.5	Ayrshire	3633	3162	4054
Jersey	42.1	36.7	51.1	Jersey	--	N/A**	--
All Breeds	39.4	27.8	51.1	All Breeds	4513	3421	5599
<b>SCC ('000 s.c./ml)</b>				<b>Other Parameters (All Breeds)</b>			
Holstein	223	330	127	Cows in Milk (%)	86	81	90
Ayrshire	162	248	95	Replacement Rate (%)	35.8	47.5	22.3
Jersey	257	340	150	Dry Period (days)	74	101	54
All Breeds	222	329	125	Calving Interval (days)	431	474	396
				Linear Score	2.6	3.2	2.1

\* Milk Value Minus Feed Cost

\*\* a minimum of 5 herds is required to calculate an average this minimum not met



# Provincial Statistics

## Provincial 305 Day Production Average

Province & Service Level	Herds	Milk kg	Fat kg	Protein kg	BCA M	BCA F	BCA P	Avg BCA
<b>New Brunswick</b>								
Publishable	111	8 936	341	286	202	201	201	201.5
All	153	8682	330	277	196	194	194	194.7
<b>Nova Scotia</b>								
Publishable	119	9 173	350	292	202	206	202	203
All	154	9 020	342	287	199	201	198	199.2
<b>Prince Edward Island</b>								
Publishable	91	9 385	362	294	205	212	202	206.2
All	122	9 107	354	285	199	207	195	200.4
<b>Newfoundland</b>								
Publishable**								
All	5	9320	358	297	202	209	202	204.1

\*\* A minimum of 5 herds is required to publish an average - this minimum is not met

## Annual Provincial Herd Demographics - All Herds

Herd Size (Cows)	% Herds	% Animals	Annual Average HerdSize	Annual Milk Production	Annual Fat Production (kg)	Annual Fat Production (%)	Annual Protein Production (kg)	Annual Protein Production (%)	Annual Average SCC ('000/ml)
<b>New Brunswick</b>									
1-39	22.9	8.7	29	7344	295	4.09	242	3.33	238
40-79	51.7	38.9	57	8568	328	3.84	276	3.22	210
80-119	24.6	31.0	96	8852	341	3.88	287	3.26	239
120+	21.2	53.3	192	9674	371	3.83	307	3.18	191
<b>Nova Scotia</b>									
1-39	13.6	5.5	31	7879	306	3.9	253	3.21	227
40-79	64.4	48.3	57	8497	325	3.82	275	3.24	242
80-119	28.0	35.8	98	8831	343	3.86	282	3.19	251
120+	20.3	51.4	193	9802	373	3.8	309	3.15	216
<b>Prince Edward Island</b>									
1-39	16.9	6.9	31	7864	310	3.95	248	3.15	226
40-79	51.7	38.4	58	8870	347	3.91	281	3.16	214
80-119	20.3	24.8	93	8970	350	3.91	284	3.17	209
120+	11.0	29.9	207	9555	368	3.85	298	3.12	207

# Provincial Statistics

## Management Center Benchmarks

Measure	New Brunswick Percentile				Nova Scotia Percentile				Prince Edward Island Percentile				Newfoundland Percentile			
	25th	50th	75th	90th	25th	50th	75th	90th	25th	50th	75th	90th	25th	50th	75th	90th
<b>Annual Milk Value (\$)</b>	5472	6115	6978	7418	5643	6331	6878	7496	5652	6217	6850	7238	5664	7538	8038	8970
<b>Somatic Cell Count (000/ml)</b>	322	263	210	159	340	288	220	164	325	259	199	155	318	267	233	189
<b>Udder Health (Scc Linear Score)</b>	3.2	2.9	2.6	2.4	3.2	2.9	2.6	2.3	3.3	2.9	2.6	2.3	3.0	2.8	2.6	2.4
<b>Age at 1st calving (Year-Month)</b>	2-7	2-5	2-3	2-2	2-7	2-5	2-3	2-1	2-8	2-5	2-3	2-2	2-5	2-3	2-1	2-1
<b>Calving Interval (months)</b>	15	14	14	13	16	15	14	13	16	15	14	14	14	14	14	14
<b>Longevity (% of herd in 3+ lactation)</b>	34.5	40.0	44.2	51.7	34.0	40.1	44.1	49.1	31.5	38.5	45.2	53.1	33.3	39.3	41.8	42.9
<b>Herd Efficiency (% of herd in milk)</b>	85.5	86.9	88.6	90.4	83.3	86.2	87.9	89.9	81.7	84.9	88	89.9	81.4	84.9	87.2	89
<b>Herd Turnover (% of herd in removed)</b>	46.3	37.7	32.0	26.6	46.8	40.0	33.1	27.0	49.9	40.4	35.9	28.6	54.4	44.4	37.4	33.0
<b>Number of Cows</b>	43.4	66.2	99.1	154.9	49.0	67.7	99.3	144.0	46.4	63.2	84.4	121.0	79.8	118.1	192.8	224.5
<b>Management Milk (kgs)*</b>	26.8	30.4	34.2	36.3	28.5	31.4	34.1	36.6	28.9	32.1	34.9	36.9	24.9	32.7	34.3	37.3
<b>Days Dry</b>	82	72	65	58	102	82	69	61	116	92	79	64	79	75	70	58
<b>Days to 1st Breeding</b>	110	96	87	78	114	101	88	79	118	101	86	74	76	75	72	66

\*Management Milk Measure : Brings age, stage of lactation and energy-corrected milk to a standard number for comparison purposes

**VENTEC**

*For an optimal comfort of the animals and a healthy environment*

[www.ventecventilation.com](http://www.ventecventilation.com)  
Tel.: 450 796-5596  
1885, Avenue du Parc, Saint-Hippolyte, Québec, Canada J3H 1K7

Mechanical ventilation (recirculation)  
Heat exchangers  
Natural ventilation (polytunnel and tunnel)  
Air outlets (tunnel)

# Provincial Statistics

## Top Publishable Cow Records by Breed by Province 2012

Breed	Cow Owner, Farm Name, Town	Sire	Age	Avg BCA	BCA M	BCA F	BCA P	Milk	Fat	Protein
<b>New Brunswick</b>										
Holstein	<b>Philson Onward Clara 599</b> P. Lawrence, Lawrence's Dairy Farm Ltd, Burtts Corner	Andacres Morty Onward	2/2	374.0	394	390	338	15936	581	433
Jersey	<b>Cyrror Gold Pamama</b> Rejean Cyr, Ferme Cyrror, Siegas	Mm Jace Gold-ET	3/6	324.0	308	326	338	9696	558	402
Ayrshire	<b>Republique Wood 2</b> Mario Lavoie, Ferme Republique, St. Basile	Lagace Must	2/2	287.7	296	272	295	8806	337	289
Guernsey	<b>Beaverwood Trombone's Rinna 2</b> Gary & Leith West, Beaverwood Farms Inc, Dundas	Ocs Dairy Opals Trombone	5/6	284.0	311	261	280	11063	464	355
Shorthorn	<b>Landslide 66</b> Ronald Hornbrook, Landslide Ayrshires, Mount Middleton	Glenbrook Buttercups Design	3/7	255.3	264	238	264	7594	279	248
Brown Swiss	<b>Just Ducky Conquest Betty</b> Philip F. Christie, Christie Farms Ltd, Lynnfield	R Hart Conquest ET	3/1	252.3	255	260	242	10025	414	334
<b>Nova Scotia</b>										
Holstein	<b>Sunnypoint 1127 Baxter</b> Philipp Vroegh, Sunny Point Farms Ltd, Hants County	Emerald-Acr-Sa T-Baxter	3/8	374.0	373	391	358	17977	692	544
Jersey	<b>Lencrest Comerica's Dixie</b> Eric Thompson, Pine Haven Farms Ltd, Oxford	Bridon Remake Comerica-ET	4/0	372.0	383	361	372	11773	613	432
Ayrshire	<b>Ridgewood T-Bina</b> Paul Angus, Ridgewood Ayrshire, Amherst	T-Bruno	5/4	297.0	292	298	301	11643	483	394
Brown Swiss	<b>Fynhaven Agio Jamie</b> Danny Phinney, Phinneyval Farms, Bridgetown	Barmettler Bs Ace Agio ET *Tm	1/11	251.0	254	253	246	8004	326	271
Shorthorn	<b>Eloc Kourt Crackle</b> Sandy & Dean Cole, Eloc Farm, Middle Musquodoboit	Gold Mine Frost Kourt	5/1	223.3	225	220	225	7125	280	232

Animals highlighted in blue represent the top animal for that breed in all provinces

# Provincial Statistics

## Top Publishable Cow Records by Breed by Province 2012

Breed	Cow Owner, Farm Name, Town	Sire	Age	Avg BCA	BCA M	BCA F	BCA P	Milk	Fat	Protein
<b>Prince Edward Island</b>										
Holstein	<b>Blue Diamond Super Shot</b> Thomas Robinson, Blue Diamond Farm, Kinkora	Picston Shottle-ET	2/3	385.7	377	414	366	14836	608	465
Shorthorn	<b>Oceanbrae Fawn's Accent-P ET</b> Fred Barrett, Oceanbrae Farms, Miscouche	Bar-D Krause's Fawn's C.D.	2/1	361.3	303	445	336	6933	414	252
Ayrshire	<b>Marchbank Calimero Rita</b> Robert Rossiter, Ayr Bay Farms, St. Peters Bay	Margot Calimero	5/6	314.7	318	316	310	12650	519	406
Jersey	<b>Newgreen Itola Panse</b> John & Clair Green, Newgreen Farms, Breadalbane	Sc Gold Dust Paramount Itola-	2/3	287.7	308	271	284	8467	398	295
Guernsey	<b>Guernsey View Karen's Wonder</b> Randall Affleck, Auchinleck Farms Ltd, Bedeque	Penny Lane Royal Oak Turley	2/0	175.7	179	153	195	4886	209	189
<b>Newfoundland</b>										
Holstein	<b>Almalee Tom Theresa</b> Lee Noel, N And N Farm Ltd, Cormack	Hartline Tom-ET	2/11	358.7	358	358	360	15923	598	515
Ayrshire	<b>Larch Grove Pardon Me</b> Ian Richardson, Larch Grove Farms, Cormack	Woodland View Pardner ET	8/8	239.7	243	251	225	10154	420	309

Animals highlighted in blue represent the top animal for that breed in all provinces

## Top Publishable Herds by Herd Size - All Provinces

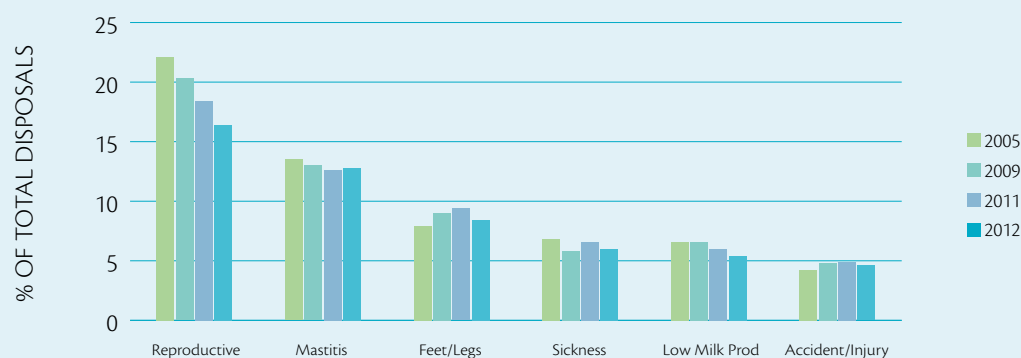
Herd Size	Farm Name	Location	Records	Breed	Avg BCA	BCA M	BCA F	BCA P	Milk kgs
<b>Small Herds</b> (5-39 Records)	Roy Chambers	Dutch Valley, NB	25	HO	247.0	237	258	246	10 712
	Idee Holsteins	Hunter River, PEI	29	HO	247.0	234	263	244	10 904
	Abelaine Farms Inc.	Hunter River, PEI	29	HO	244.7	237	257	240	10 775
<b>Medium Herds</b> (40-79 Records)	Oceanbrae Farms	Miscouche, PEI	40	MS	288.7	298	276	292	8 104
	Pine Haven Farms Ltd	Oxford, NS	50	JE	258.0	263	248	263	7 726
	Doubleoord Farm	Springfield, NB	43	HO	256.7	258	254	258	11 924
<b>Large Herds</b> (80-119 records)	Prime Valley Holsteins	Apohaqui, NB	114	HO	257.0	261	258	252	11 857
	Macbeath Farms Ltd	Marshfield, PEI	103	HO	237.7	237	240	236	11 320
	Winterbay Farm Inc.	Mt. Stewart, PEI	91	HO	235.7	227	250	230	10 404
<b>Very Large Herds</b> (120+ records)	Sunny Point Farms Ltd	Hants County, NS	247	HO	282.0	279	294	273	12 654
	Lawrence's Dairy Farm	Burtts Corner, NB	127	HO	270.3	267	280	264	11 899
	Macgregor Dairy Farm Ltd	Eureka, NS	270	HO	268.0	272	269	263	12 177

# Provincial Statistics

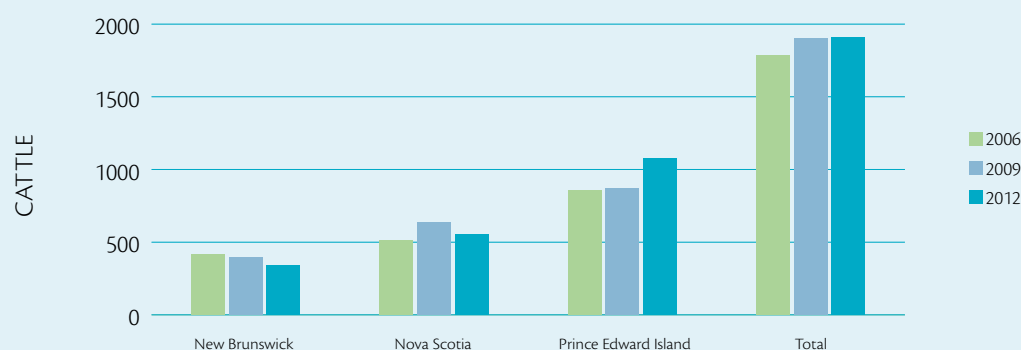
## Top Publishable Herds by Breed Size - All Provinces

Breed	Farm Name	Location	Records	Avg BCA	BCA M	BCA F	BCA P	Milk kgs	Fat kgs
<b>Ayrshire</b>	Ayr Bay Farms	St. Peters Bay, PEI	29	235.3	230	243	233	8 505	367
<b>Brown Swiss</b>	Phinneyval Farms	Bridgetown, NS	10	199.3	193	209	196	7 507	328
<b>Guernsey</b>	Beaverwood Farms Inc	Dundas, NB	69	212.7	222	197	219	7 464	332
<b>Holstein</b>	Sunny Point Farms Ltd	Hants County, NS	247	282.0	279	294	273	12 654	494
<b>Jersey</b>	Pine Haven Farms Ltd	Oxford, NS	50	258.0	263	248	263	7 726	395
<b>Shorthorn</b>	Oceanbrae Farms	Miscouche, PEI	40	288.7	298	276	292	8 104	303

## Top Disposal Reasons



## Live Cattle Movement



# New-Brunswick Publishable Herds

	Herd Owner / Address	Records Started	Publishable Records	Avg BCA	BCA M	BCA F	BCA P	M kg	F kg	P kg	Breed	Herd #
1	<b>Lawrence's Dairy Farm Ltd</b> 216 Mc Lean Settlement Rd., Burtt's Corner, E6L 2W1	155	127	270.3	267	280	264	11899	464	375	HO	97554
2	<b>Prime Valley Holsteins</b> 3441 Route 121, Apohaqui, E5P 1B2	134	114	257.0	261	258	252	11857	433	363	HO	97206
3	<b>Doubleoord Farm</b> 1450 Route 615, Springfield, E6E 1T9	62	43	256.7	258	254	258	11924	438	379	HO	97679
4	<b>Waldow Farms Ltd</b> 3084 Route 890, Cornhill, E4Z 1M5	322	220	255.0	254	268	243	11218	439	342	HO	97208
5	<b>Joerg Von Waldow</b> 241 Waterford Road, Dutch Valley, E4E 3N4	30	25	247.0	237	258	246	10712	434	354	HO	97159
6	<b>Schenkels Farms Inc.</b> Route 992 Hwy 425, Whitney, E1V 4K4	193	149	246.3	240	262	237	10854	440	340	HO	97375
7	<b>Ravenwood Holsteins Ltd</b> 753 Scotch Settlement Rd., Irishtown, E1H 1Y5	69	55	244.3	243	244	246	11179	415	359	HO	97509
8	<b>Ferme Cyrror</b> 29 Ch. Siegas #1, Siegas, E7E 1T5	42	28	243.0	255	227	247	8113	391	298	JE	97664
9	<b>Bonnielm Farm Ltd</b> 2979 Rt 470, Ford Bank, E4W 3R5	97	70	241.3	237	239	248	10691	399	354	HO	97576
10	<b>Walkerville Farms</b> 25 Bald Hill Road, Wards Creek, E4E 4M3	274	214	239.7	243	246	230	11063	415	333	HO	97516
11	<b>Tobique Holsteins</b> 2653 Route 390, St Almo, E7G 3R5	76	59	236.7	243	228	239	10925	378	341	HO	97649
12	<b>Lonsview Farms Ltd</b> 6762 Route 111, New Line, E4E 4S6	149	126	235.0	229	239	237	10257	396	337	HO	97611
13	<b>Ferme Republique</b> 628 Ch. Des Lavoie, St. Basile, E7C 2A3	67	54	234.0	236	234	232	8109	332	262	AY	97366
14	<b>Christie Farms Ltd</b> 30 Christy Rd., Lynnfield, E5A 1V9	45	35	232.7	232	236	230	10597	400	334	HO	97580
15	<b>Leighside Farms Ltd</b> 3662 Route 132, Scoudouc, E4P 3M8	111	93	231.3	226	238	230	10536	411	340	HO	97233
16	<b>Presstein Holsteins</b> 333 Main Street, Sackville, E4L 3H2	111	86	230.7	228	239	225	10763	417	336	HO	97295
17	<b>Ferme Cyrror</b> 29 Ch. Siegas #1, Siegas, E7E 1T5	53	38	227.7	223	237	223	10471	414	332	HO	97363
18	<b>Northay Farms Ltd</b> 444 North Tay Road, North Tay, E6B 1R5	157	121	227.3	220	230	232	10129	394	341	HO	97328
19	<b>Habold Farms Inc.</b> 269 Woodlawn Road, Belleville, E7M 5V1	147	82	227.0	232	213	236	10523	361	341	HO	97520
20	<b>Clearland Holsteins</b> 317 O'Neill Road, Searsville, E5P 3G1	76	56	226.3	227	232	220	10465	395	322	HO	97553
21	<b>Everanne Holsteins</b> 10 Ravine Road, Norton, E5T 2C6	92	65	225.3	226	226	224	10389	387	328	HO	97172
22	<b>Salisdairy Farm</b> 2800 Route 106, Boundary Creek, E1G 4N1	185	139	225.3	220	232	224	10081	395	327	HO	97292
23	<b>Sussex View Farm Ltd</b> 107 Roachville Rd., Roachville, E4G 2J2	67	54	224.3	224	230	219	10576	402	328	HO	97570
24	<b>Prime Valley Holsteins</b> 3441 Route 121, Apohaqui, E5P 1B2	13	7	224.3	229	215	229	6867	347	260	JE	97729
25	<b>Ferme Bancourt Ltee</b> 990 Route 260, Saint Quentin, E8A 2L3	28	20	224.3	237	213	223	7140	348	256	JE	97725

*The complete list of publishable herds and the unsupervised herd list can be found at [www.valacta.com](http://www.valacta.com).*



# Nova-Scotia Publishable Herds

	Herd Owner / Address	Records Started	Publishable Records	Avg BCA	BCA M	BCA F	BCA P	M kg	F kg	P kg	Breed	Herd #
1	<b>Sunny Point Farms Ltd</b> 398 Point Road - East Noel, Hants County, B0N 1J0	316	247	282.0	279	294	273	12654	494	394	HO	98206
2	<b>Macgregor Dairy Farm Ltd</b> R.R.#1, Eureka, B0K 1B0	347	270	268.0	272	269	263	12177	447	376	HO	98073
3	<b>Pine Haven Farms Ltd</b> Cumberland Co., Oxford, B0M 1P0	59	50	258.0	263	248	263	7726	395	292	JE	98611
4	<b>Curry Knoll Farms Limited</b> 124 Wharf Rd, Wolfville, B4P 2R3	61	46	255.7	244	276	247	10786	451	347	HO	98187
5	<b>Harbourside Farms</b> R.R.# 4, Antigonish, B2G 2L2	85	69	245.3	237	248	251	10978	425	368	HO	98772
6	<b>Lindenright Holsteins</b> R.R.#2, Antigonish, B2G 2K9	100	76	240.0	234	247	239	10706	421	348	HO	98741
7	<b>Barneybrook Farms Ltd</b> 284 Macdonald Road, R.R.#1, Hardwoodlands, B0N 1Y0	149	122	238.0	238	242	234	10442	397	327	HO	98709
8	<b>Scothorn Farms Ltd</b> 8727 Hwy. 14, Hardwood Lands, B0N 1Y0	447	352	237.0	237	238	236	10436	387	330	HO	98752
9	<b>Bayview Dairy Farm Ltd.</b> P.O. Box 168, Mabou, B0E 1X0	71	58	237.0	230	243	238	10411	407	342	HO	98647
10	<b>Kingsmeadow</b> 5239 Chester Road, Windsor, B0N 2T0	48	37	236.3	225	256	228	10295	436	332	HO	98729
11	<b>Lily &amp; Associates Ltd.</b> 10031 Hwy #1, Wolfville, B4P 2R2	39	26	236.0	221	259	228	9735	423	318	HO	98642
12	<b>Cornwallis Farms Ltd</b> 1258 Belcher Street, Port Williams, B0P 1T0	96	73	235.3	234	240	232	10688	407	338	HO	98728
13	<b>Lellavan Farms</b> R.R.# 1, Maitland, B0N 1T0	106	86	231.7	226	242	227	10483	417	334	HO	98413
14	<b>Sanhaven Farms Ltd.</b> 35 Clydesdale Road, Antigonish, B2G 2K9	71	66	231.0	232	230	231	10280	378	327	HO	98872
15	<b>Musqie Valley Farms</b> R.R.# 5, Middle Musquodoboit, B0N 1X0	15	12	230.3	234	220	237	6798	346	261	JE	98719
16	<b>Lone Willow Farm</b> 2377 Clarence Road, Bridgetown, B0S 1C0	73	53	229.3	225	234	229	9928	384	323	HO	98017
17	<b>Bekkers Farm Incorporated</b> R.R.# 4, Antigonish, B2G 2L2	151	121	229.3	230	235	223	10701	407	330	HO	98694
18	<b>Bishop Farms Ltd</b> 553 Marsh Rd, Annapolis Royal, B0S 1A0	153	134	228.3	224	244	217	10521	427	323	HO	98126
19	<b>Springauff Farm</b> 1720 Rte 332, Lunenburg, B0J 2C0	45	33	227.0	229	224	228	11392	411	358	HO	98198
20	<b>Betula Farms</b> 516 North Salam Road, North Salem, B0N 2H0	42	32	225.7	217	236	224	10123	407	331	HO	98019
21	<b>Pineriver Farms Ltd.</b> R.R.# 2, Inverness County, B0E 1X0	58	53	225.3	220	228	228	10191	392	335	HO	98698
22	<b>Kennvale Farms</b> 551 Gaspereau River Rd, Wolfville, B4P 2R3	52	45	223.3	220	219	231	9889	364	330	HO	98638
23	<b>West River Holsteins</b> R.R.#4, Antigonish, B2G 2L2	143	119	222.3	219	234	214	9965	397	310	HO	98999
24	<b>Langelaan Farms Inc</b> 2736 Brooklyn Street, Aylesford, B0P 1C0	158	119	222.0	225	221	220	10089	368	315	HO	98193
25	<b>Black Avon Farms Ltd</b> 2362 Guysborough Road, Heatherton, B0H 1R0	85	71	221.3	218	224	222	10157	388	328	HO	98693

The complete list of publishable herds and the unsupervised herd list can be found at [www.valacta.com](http://www.valacta.com).

# Prince-Edward-Island Publishable Herds

	Herd Owner / Address	Records Started	Publishable Records	Avg BCA	BCA M	BCA F	BCA P	M kg	F kg	P kg	Breed	Herd #
1	<b>Oceanbrae Farms</b> R R #1, Miscouche, C0B 1T0	52	40	288.7	298	276	292	8104	303	259	MS	99513
2	<b>Howardvale Holsteins</b> Veterans Hwy 22537, Breadalbane, C0A 1E0	152	128	253.3	247	265	248	11217	447	359	HO	99490
3	<b>Red Oak Farm</b> 1463, Oyster Bed Bridge, C1E 0X8	68	51	250.3	252	252	247	10947	405	341	HO	99540
4	<b>Reeves Farm Inc.</b> R R 1, Freetown, C0B 1L0	58	49	249.0	235	281	231	10829	479	336	HO	99652
5	<b>Idee Holsteins</b> 5511 Rte 6 South Rustico, Hunter River, C0A 1N0	42	29	247.0	234	263	244	10904	454	361	HO	99570
6	<b>Abelaine Farms Inc</b> 309 Rte.258, New Glasgow, Hunter River, C0A 1N0	33	29	244.7	237	257	240	10775	433	347	HO	99523
7	<b>Pondsedge Holsteins</b> Little Pond, Souris, C0A 2B0	210	156	243.0	247	250	232	11070	416	330	HO	99092
8	<b>Oceanbrae Farms</b> R R #1, Miscouche, C0B 1T0	15	12	242.0	252	227	247	8046	393	298	JE	99513
9	<b>Birkentree Holsteins</b> 7021 Route 6, Hunter River, C0A 1N0	81	61	240.7	234	254	234	10797	433	342	HO	99035
10	<b>Nordale Farm</b> 691 Sunnyside Rd, Route 131, Richmond, C0B 1Y0	88	74	239.3	238	240	240	10737	400	344	HO	99366
11	<b>Justanother Farm</b> 19989, Route 2, Hunter River, C0A 1N0	74	31	239.0	235	253	229	10530	420	328	HO	99569
12	<b>Lexis Holsteins</b> 18 Rosewood Drive, Kensington, C0B 1M0	33	28	237.7	233	248	232	10310	405	326	HO	99459
13	<b>Macbeath Farms Ltd</b> 26 Goldenflo Way, Marshfield, C1C 0H4	113	103	237.7	237	240	236	11320	423	356	HO	99577
14	<b>Winterbay Farm Inc.</b> Bedford, Mt. Stewart, C0A 1T0	101	91	235.7	227	250	230	10404	424	335	HO	99100
15	<b>Ayr Bay Farms</b> Greenwich Rd., St. Peters Bay, C0A 2A0	38	29	235.3	230	243	233	8505	367	283	AY	99017
16	<b>Blue Diamond Farm</b> R R #1, Kinkora, C0B 1N0	97	74	235.3	234	247	225	10896	428	333	HO	99667
17	<b>Cassialane Holsteins Ltd</b> R R 2, Freetown, C0B 1L0	93	60	234.7	232	253	219	10455	425	314	HO	99547
18	<b>Bernadale Holstein</b> 2473 Mac Isaac Road, Route 127, Richmond, C0B 1Y0	60	48	231.7	231	235	229	10591	400	333	HO	99536
19	<b>Ver-Dyk Farms Ltd</b> 83 Station Rd, Fredericton, Hunter River, C0A 1N0	55	50	226.0	230	229	219	8285	338	259	AY	99554
20	<b>Newgreen Farms</b> R R 1, Breadalbane, C0A 1E0	51	41	226.0	228	228	222	10708	398	331	HO	99491
21	<b>Forever Schoon Farms</b> 184 Monaghan Road, Vernon, C0A 2E0	96	60	225.7	218	226	233	7852	334	276	AY	99552
22	<b>Tiny Acres Holsteins</b> 621 Belmont Road, Miscouche, C0B 1T0	117	97	225.7	230	233	214	10186	382	301	HO	99676
23	<b>Crasdale Farms</b> 5576 Rte 6, South Rustico, Hunter River, C0A 1N0	85	32	224.3	212	245	216	9476	407	308	HO	99543
24	<b>Brackley Farm</b> 819 Brackley Point Road, Rte 15, Brackley, C1A 1H4	55	40	224.3	224	232	217	10453	399	320	HO	99509
25	<b>Poplarline Farms</b> 2525 Rte 140, Boulter Rd, Oleary, C0B 1V0	74	54	223.7	212	235	224	9607	394	323	HO	99274

The complete list of publishable herds and the unsupervised herd list can be found at [www.valacta.com](http://www.valacta.com).

## Newfoundland Publishable Herds

	Herd Owner / Address	Records Started	Publishable Records	Avg BCA	BCA M	BCA F	BCA P	M kg	F kg	P kg	Breed	Herd #
1	<b>N And N Farm Ltd</b> 410A Veterans Drive, Cormack, A8A 2R6	267	178	258.7	257	260	259	11893	448	381	HO	99905
2	<b>Larch Grove Farms</b> 405 Vetrans Drive, Cormack, A8A 2R7	121	73	225.3	222	225	229	10324	389	339	HO	98992
3	<b>Pure Holsteins Limited</b> P.O. Box 2158, R.R.#1, Corner Brook, A2H 2N2	119	65	210.7	207	214	211	9553	369	309	HO	99984
4	<b>Cornerstone Farm</b> 14A Veterans Drive, Cormack, A8A 2P8	127	79	207.0	207	205	209	9281	339	297	HO	99903

*The complete list of publishable herds and the unsupervised herd list can be found at [www.valacta.com](http://www.valacta.com).*



# AUTORATION V+

THE BRILLIANT WAY OF FEEDING DAIRY COWS

TAKE CONTROL OF YOUR PRODUCTION... AND YOUR PROFITS!

THE AUTOMATION OF YOUR TASKS REMOTELY!




**BENEFITS:**

- TIME
- MONEY
- MILK QUALITY
- LIFE QUALITY
- WELL-BEING

It's proven beyond doubt! The Autoration V+ makes THE difference!





**VALMETAL**

valmetal.com

FOLLOW US 

TEL. 010 305 4282 | [info@valmetal.com](mailto:info@valmetal.com)

## Staff

### Dairy Production Technicians

**Jennifer Dillman**

Meagher's Grant, NS  
Cell.: 902-209-0316  
jdillman@valacta.com

**Susan Fitch**

Old Barns, NS  
Cell.: 902-899-1116  
sfitch@valacta.com

**Yvonne MacIsaac**

Mabou, NS  
902-945-2113  
ymacisaac@valacta.com

**Amy Rose**

Yarmouth, NS  
Cell.: 902-748-5633  
arose@valacta.com

**Kristin Thibodeau**

Merigomish, NS  
Cell.: 902 331-1425  
kthibodeau@valacta.com

**Dalton West**

New Minas, NS  
902-681-0486  
dwest@valacta.com

**Clayton Brooks**

Sackville, NB  
Cell.: 506-540-0155  
cbrooks@valacta.com

**Robyn Buttimer**

Salmon Beach, NB  
506-546-3987  
rbuttimer@valacta.com

**Emily Ingraham**

Dumfries, NB  
Cell.: 506-434-1126  
edalling@valacta.com

**Nadine Othberg**

Summerfield, NB  
Cell.: 506-512-0428  
nothberg@valacta.com

**Philip Thorne**

Glenvale, NB  
Cell.: 506-756-0766  
pthorne@valacta.com

**Byron Andrews**

Hunter River, PE  
Cell.: 902-393-5882  
bandrews@valacta.com

**John Meerburg**

Montague, PE  
Cell.: 902-969-8304  
jmeerburg@valacta.com

**Jessica Roberts**

Kensington, PE  
Cell.: 902-316-1053  
jroberts@valacta.com

**Michael Trowsdale**

Tyne Valley, PE  
Cell.: 902-432-0242  
mtrowsdale@valacta.com

**Vicki O'Leary**

Cormack, NL  
709-635-8245  
voleary@valacta.com

**Ed Frazee**

Coach and Information  
Systems Specialist  
Sussex Corner, NB  
1-800-266-5248, ext. 8906  
Cell.: 506-863-9131  
efrazee@valacta.com

**Dannie MacKinnon**

Valacta Board Member  
Montague, PE  
Cell.: 902-969-9810  
Home: 902-838-3206  
dan.chris.mackinnon@pei.  
sympatico.ca

**Denis Cyr**

Valacta Board – Observer  
Siegas, NB  
506-445-3103  
deniscyr10@rogers.com

## Influence The Future With Us!

valacta



Our Technicians occupy a prominent role with dairy farmers throughout the Atlantic Provinces. Send us your CV if you want to contribute to the success of dairy farmers.

Visit us at  
**[www.valacta.com](http://www.valacta.com)**.

# Thanks

**to all our employees.**

**Their expertise,  
your gain!**

Labelle, René Lacroix, Daniel Lefebvre,  
 Santschi, Étienne Tremblay, Audrey Doyon,  
 Leblond, Laurie Bégin, Stéphanie Bégin,  
 Coutu, Catherine Cross, Annick Desjardins,  
 Michel Gauthier, Michel Gilbert, Natacha G  
 Nicole Perreault, François Poulin, Marianne  
 Ostiguy, Audrey Abbruzese, Marianne Beau  
 Évelyne Boulianne, Francis Caron, Isa Julie  
 Charles Fleury, Patrice Fortier, Florent Labor  
 Stéphanie Ouellet, David Pelletier, Marcel S  
 Tremblay, Tony Truchon, Marie-Claude Veilleu  
 Pettigrew, Byron Andrews, Clayton Brooks, R  
 Victoria O'Leary, Nadine Othberg, Jessica Rob  
 Dillman, Sylvia Lafontaine, Peter Boersen, Ma  
 Mireille Cloutier, Chrystelle Comte, Jeannot  
 Fugère, Mario Gauthier, Sonia Gosselin, Myrie  
 Langlois, Mélanie Laroche, Jean-Philip Lebla  
 François Tessier, Yvon Tremblay, Julie Caro  
 Bédard, Rémi Bélanger, Yvan Bilodeau, Clé  
 Gagné, Annie Laflamme, Luc Laflamme, Gér  
 Mathieu, Jacqueline Moffet, Pierre Morneau,  
 Claude Tardif, Hélène Tremblay, Tommy Tur  
 Langlois, Claudine Roy, Isabelle St-Laurent,  
 Carrier, Tulio Jose Castro Alviarez, Denis Cha  
 Anne Gingras, Roger Grenon, Gabrielle Guita  
 Laliberté, Caroline Lapointe, Gilles Laramée,  
 Michel Mongrain, Pierre-Luc Perreault, Janic  
 Myriam Séguin, Normand Séguin, Émilie The  
 Rehmann, Marie-Élaine Smith, Nicole Van H  
 Boulanger, Yolande Cameron, Françoise Clay  
 Fortin, Annie Gaudreault, Stéphanie Godin, B  
 Luc Maltais, Guylaine Massy, Roxanne Mont  
 Turcotte, Éric Vézina, Émilie Villemaire, Louis  
 Joly, France Lauzon, Marie Séguin, Nicole  
 Manon Cadieux, George Clyde, Mark Côté,  
 Fitzgerald, Xavier Fognini, Diane Follette,  
 Yvan Lizotte, Yves Marchand, Nina Mitchell-  
 Pascal Tougas, Line Turcotte, Cherylun

**Employees.**

**tise,**

**!**

Joanne  
Bastian Shawn  
Bélair, Jennifer Bell,  
Jennifer Bender,  
Robert Blanchard, Linda  
Boden, Karine Bouchard,  
Marie-Hélène Castonguay,  
Michael Clyde, Brian  
Corrigan, Susan Day, Christa  
Deacon, Sara Elizabeth  
Dobrosielski, Chantal  
Émond, Maria Nicoleta  
Florea, Yann Fontaine, Patric  
Gagnon, Shereen Hassan,  
Robert Hersey, Konrad Kipczak,  
Rachid Kouaouci, Robert  
Laberge, Jean-François Lauzon,  
Timothy Mann, James Moriarty,  
Pierre-Luc Morissette, Jignesh  
Patel, Mahmoud Saleh, Matthew  
Sarrasin, Rosalind Sheppard, Kyle  
Simpson, Sophie St-Arnaud, Karen  
Villarmino, Gwen Wulfraat, Sophie  
Dyer, Aliza Zafar, Steve Adam, Julie  
Baillargeon, Robert Berthiaume, Jean Brisson, Caroline Brunelle,  
Anne-Marie Christen, Hélène Cloutier, Jean Durocher, Francois  
Geneviève Maher, Emmanuelle Michaud, Robert Moore, René Roy, Débora  
Louis-Serge Boisvert, Suzie Bourque, Luc Charest, Gabriel Gagnon, Simon  
Gervais Bisson, Joane Blais, Guy Boyer, Marie-Ève Brunet, Nancy Côté, Sophie  
Marie-Hélène Doyon, Dominique Dubuc, Karine Fiset, Réjean Fontaine, Julie Gagnon,  
Nathan Grimard, Maude Jolicœur, Karine Morin, Guillaume Nadeau, Christine Paquet,  
Daniel Tessier, Elise Grimard, Audrey Lacroix, Diane Lequin, Mélanie Nadeau, Marie-Ève  
Beaulieu, Yannick Beaulieu, Caroline Bélanger, Christian Bouchard, Yvan Boudreau,  
Jessey Charron, Caroline Chouinard, Alain Côté, Bernard Dionne, Philippe Dubé, Louis-  
Lambert, Damien Lévesque, Julie Lord, Valerie Martin, Julie Mecteau, Francis Morneau,  
Jacynthe St-Hilaire, Guillaume St-Pierre, Marcel Thiboutot, Gratien Tremblay, Isabelle  
Bellavance, Émilie Ménard, Josée Mercier, Valérie Meunier, Catherine Pelletier, Lorianne  
Fitch, Susan Fitch, Edward Frazee, Emily Ingraham, Yvonne MacIsaac, John Meerburg,  
Rose, Kristin Thibodeau, Philip D. Thorne, Michael W.S. Trowsdale, Dalton West, Jennifer  
Anny Camirand, Myriam Campagna, Sabrina Caron, Michel Carrier, Éric Chapdelaine,  
Martin Côté, Claude Deshaies, Joë Desjardins, Pierre Desrochers, Richard Dubé, Maxime  
Huot, Claude Huot, Mélanie Joubert, Évelyne La Roche, Marie-Claude Lagueux, Marie-Noël  
Massé, Andréane Paquet, Karine Simard, Julie-Ann Simpson, Denis St-Amand, Jeanne  
Grandmont, Anik Morin, Caroline Perreault, Gladys Aubé, Alexandra Beaupré, Lucie  
Line Carbonneau, Marie-Noëlle Cliche, Sylvie Corriveau, Audréeanne Daigle, Martine  
Luc Larivière, Sylvie Leblond, Réjean Loignon, Louis Marcoux, Yvan Marcoux, Caroline  
Patri, Annie Perron, Florent Pigrée, Francine Pouliot, Dany Quirion, Marco Rhéaume,  
Nicole Vallée, Anne-Marie Bélanger, Francis Drouin, Cynthia Fillion, Julie Labrecque, Annie  
Vermette, Audrey Blanchette-Pellerin, Margo Bohemen, Jean-François Bouchard, Julie  
Christiane Chevrier, Bruno Cloutier, Ghislain Côté, Jérémie Dubé, Guylaine Duheme, Andrée-  
Jodoin, Abdelkhaték Jria, Cindy Labine, Carolyn Lacaille, Jacynthe Lachapelle, Carole  
treille, Bruno Lavallee, Caroline Le Bel, Caroline Leblanc, Daniel Léger, Caroline Martel,  
Richard Primeau, Yvon Raymond, Marie-Ève Robert, Nathalie Rondeau, Omar Sandoval,  
Trey Trotter, Geneviève Bergeron, Jolyanne Caumartin-Grégoire, Mylène Leblanc, Philipp  
Belley, Karen Bergeron, Sylvain Biron, Steeve Bouchard, Véronique Bouffard, Sylvain  
Anne Dallaire, Gaétan Descoteaux, Guylaine Duchesne, Roger Dufour, Alain Fortin, Serge  
Mylène Hivon, Patrick Laberge, Johanne Lapointe, Louise Lévesque, Guillaume Maltais,  
Ogay, Pierre Plamondon, Christiane Richard, Chantale Riverin, Simon Smith, Joanny  
Nancy Thibault, Marc Bélair, Michel Chayer, Suzanne Dumesnil, Lise Gauthier, Annick  
Clémence Godfroy, Annik Perron, Lyne Bélanger, Diane Bourgon,  
Christopher Paul David, Craig Domanski, Karina Dupéré, Todd  
Daniel Gagn, Sophie Gagnon, Chantal Lambert, Estelle Lavigne,  
Hansen, Ubirajara Moraes, Muriel O'Reilly, Cara Persram,  
Westman, Renée-Claude Frigon, Cynthia Mullin



FALL 2013

# PRACTICAL TRAINING COURSE



## ... IN THE FIELD:

Improve on **quality** and **yield**.

## THE FORAGE CHALLENGE...

## ... IN THE SILO:

Harvest **efficiently** and preserve **quality**.

## ... IN THE BARN:

**Maximize profit** from milk production.

## ... IN YOUR WALLET:

Produce forage at an **optimal cost**.

### WHY REGISTER FOR THIS TRAINING COURSE

- Get added value from your forages and increase profit per cow
- Optimize the use of concentrates in your feeding program
- Discover the elements of forage production costs
- Learn how to improve on forage preservation
- React quickly to winter frost
- Discover the profitability of an extra cut
- Increase forage yield
- Make better forage choices for your farm
- Reduce losses due to storage
- Use additives wisely
- Control forage production cost

### THE SPRINGFIELD BROTHERS NEED YOU!

Help guide them on their journey. Share your experience. Go along with them as they meet with the experts.

## TO REGISTER

CONTACT YOUR VALACTA  
TECHNICIAN OR CALL

**1-800-BON-LAIT**

