





# THE BETTER ENGINEERED TEAT SEALANT.



Lockout" maximizes efficiency while minimizing hand discomfort with the syringe's larger thumb pad, widened wings, and compact size. Lockout\* comes in single-dose syringes with an easy-to-remove cap, and short tip

designed for hygienic insertion.

Now you can protect your herd with a better engineered teat sealant. Lockout<sup>\*</sup> provides a sterile, antibiotic-free barrier that simulates the keratin plug to prevent pathogens from invading the udder through the teat end. Lockout<sup>\*</sup> provides more convenience and comfort, thanks to its compact size, ergonomic design and blue paste you can actually see.

## Find out more at www.mastitis.ca/lockout

Lockout" is a registered trademark of Boehringer Ingelheim Vetmedica GmbH, used under license. © 2020 Boehringer Ingelheim Animal Health Canada Inc. All rights reserved.

# lockout



# Western Progress Report

Articles	5
Herd Profiles	
Statistics	
Publishable Herd Listings	

# **OUR VISION**

To be the premier source of information and innovative solutions for dairy farmers and industry partners.

# **OUR MISSION**

To be the leading provider of herd management solutions and knowledge to support the development of a prosperous and sustainable Canadian dairy industry.

#### Thank You To Our Advertisers

志趣

BMO Bank of Montreal Boehringer Ingleheim Farm Credit Canada Select Sires GenerVations WestGen



Lactanet Canada 660 Speedvale Avenue West, Suite 101 Guelph, ON N1K 1E5

1-800-549-4373 • (519) 824-2320 info@lactanet.ca lactanet.ca

Thank you to the Dairy Farmers of Ontario, who assisted us with the distribution of this publication.

While every effort is made to ensure the accuracy of the content published, we assume no responsibility for errors or omissions. Opinions expressed in this publication do not necessarily reflect those of Lactanet. Material may not be reproduced without permission.

#### Lactanet Privacy Policy Summary

The information collected by Lactanet, voluntarily provided by producers through the use of services, is available to customers in paper and electronic forms. Access to information by advisors and/or any other parties via mail, email, website, or otherwise, requires explicit customer consent. Lactanet customers acknowledge that Lactanet may collect their personal information, including, but not limited to name, address, phone number and unique animal identification numbers when they use Lactanet services. By providing us with any personal information, customers consent to the sharing of information with the responsible administrator for dairy traceability for the purposes of regulatory and/ or voluntary reporting. Further, herds enrolled on Lactanet services may have information published for awards and recognition purposes with annual summaries and year-end publications. Additionally, selected information from all customers will be provided for the calculation of genetic indexes and sire proofs. Where applicable, information is provided to various breed associations for recognition and breed improvement programs. Participation in Lactanet testing programs implies consent for the release of data to these third party organizations, unless otherwise stated to Lactanet. From time to time, Lactanet provides marketing services to third party agricultural organizations. All methods of distribution of marketing materials maintain producer confidentiality. No producer information is sold, traded or otherwise shared. Lactanet operates under Canada's Personal Information Protection and Electronic Documents Act (PIPEDA). Please Note: This is a summary of the Lactanet Privacy Policy. For the complete statement, please visit lactanet.ca.

# **Financing the future** of agriculture.

Visit **bmo.com/agriculture** or call **1-877-629-6262** 



We're here to help.™

<sup>∞/™</sup> Trade marks of Bank of Montreal.



# A word from our CEO

We are pleased to present our very first Western Progress Report under the Lactanet partnership. In this publication we present the 2019 annual listing of top ranked herds to celebrate excellence in herd management.

Farm profiles and articles have always been an important part of this report and this year is no exception. We have paid tribute to several herds where producers have shared their journey, vision, perspective and wisdom, for what has brought them success. Over the past few months we've also had the privilege to feature these herds on social media and the response has been outstanding, as producers from coast to coast cheer each other on.

In Canada, the dairy landscape can be unique in each province and the statistics are often more meaningful to producers in their respective location. We publish our reports by region and they are all available to you on our website. Although we highlight hundreds of top performing herds, the featured information and our benchmarks would not be possible without the commitment of all producers who participate in dairy herd improvement. As farms continue to be fewer, larger and more technically advanced, producers recognize the advantages of technology to help them become more efficient. As we continue to transform data into powerful and insightful metrics, producers can take the guess-work out of day-today decisions, raise the bar, set progressive goals, reach for sustainability and establish profitable business models.

As you read through the report, you will notice many new tools that have either been recently launched, are coming your way soon, or are in development. As we establish new and innovative offerings, that are actionable and understandable, we invite you to have conversations with our excellent staff and your advisors to see if any are right for you. The Lactanet partnership allows us to service you in new and progressive ways. Collectively, we can leverage our strengths and offer you better solutions to herd management and farming life.

Sincerely,

Neil Petreny CEO, Lactanet Canada



# A word from our Chair

As the Lactanet Chair, I am honoured to be able to connect with each dairy producer in the country through the 2019 Progress Report. As a dairy farmer myself, it is important for me to listen and engage with fellow producers, experts and advisors, to not only improve my business, but strengthen the industry at large. At my family farm in the Beauce region of Quebec, we manage 125 cattle, including 75 dairy cows, and harvest 300 acres of alfalfa, corn and hay. Like many of you, we are diligent in developing an efficient and profitable herd and with our son now involved in our operation, we are also considering expansion and technology.

In 2019, as the Lactanet partnership was launched, it was a year of industry cooperation, communication, consolidation, and coordination. Collaboration is the key to change and alliances have always been part of our resilient dairy industry. Positioning our industry for the future isn't easy. It requires commitment, planning and patience. It is now more important than ever to extend what we can offer, in an affordable way, to keep pace of a changing market.

We appreciate the challenges of too much information and we're working at getting you exactly what you need, when you need it. Our dynamic menu of products, services, tools, training and workshops can help you explore what's beneath the data for a better understanding of your herd.

Each producer has a range of different pursuits and unique needs. We want you to have an interesting experience with us and trust that the information we can give you will help you adapt to the competitive landscape ahead. It's our goal to provide meaningful data, metrics and benchmarks to nurture and protect your assets.

On behalf of the Lactanet Board, we will continue to act in the best interest of dairy producers across Canada and strive to prepare our industry for the future. With our combined resources, expertise and a unified strategy, there is much more that we can accomplish together.

#### Sincerely,

Barbara Paquet Chair, Lactanet Canada Dairy Producer, Saint-Côme-Linière, Quebec

3

# 661'd rather know than guess.99



"Having complete herd information is essential. It improves our decisions, and more importantly, our herd's future profitability."

Todd Holm, Holmsdale Farms



#### WE'RE HERE TO HELP.

For more information about Lactanet herd management services, contact us at 1-800-549-4373.



# The Importance of the Feed Bunk in Free-Stall Housing

By Steve Adam, Dairy Production Expert, Comfort & Welfare, Lactanet Canada

Feed bunk design plays a crucial role in the welfare of farm animals. The repercussions of a poorly designed feed bunk include, but are not limited to: neck injuries, lameness, and substandard body condition.

Understanding the feeding behaviour of cows and the impact of inadequate bunk space can help producers make informed decisions.

#### **BEHAVIOUR**

**Competition:** Like all herd animals, dairy cows prefer to eat as a group. Insufficient space at the feed bunk generates competition, which may compromise the health and well-being of individual cows. Indirect competition arises when cows modify their behaviour to access the feed bunk, either by visiting during non-peak times of the day or by eating faster.

Direct competition occurs through altercations or aggressive behaviour between individual cows. Some subordinate cows will even begin to distance themselves from dominant cows when feeding.

#### **HEALTH AND PRODUCTION**

**Foot Health:** Limited bunk space at peak times will also increase the amount of time that subordinate cows spend standing while they wait for bunk access. Inactive standing on a hard and damp surface increases the risk of developing foot health problems and the incidence of lameness in the herd.

**Fatty Acid Profile:** A study conducted by Woolpert in 2017 showed that the greater the bunk space, the greater the production of de novo fatty acids, which are synthesized in the mammary gland. This suggests that when cows have more room at the feed bunk, their stress level decreases, their feeding behaviour is more natural, and ruminal fermentation is better. The production of de novo fatty acids is associated with increased milk fat levels.

**Reproduction:** The probability of pregnancy at 150 days increases as bunk space increases.

**Milk Quality:** For every 10 cm of additional space at the feed bunk, somatic cell counts dropped by an average of 13 per cent, suggesting that the cows were eating after milking rather than returning immediately to their stalls to lie down while the teat sphincters were likely still open.

**Transition Cows:** A number of studies show that cows are more likely to develop subclinical ketosis and metritis when feed bunk space is limited.

#### RECOMMENDATIONS

**Space:** An experiment done by Lactanet at McGill University's Macdonald Campus Farm determined the overall width of a Holstein cow exceeds 76 cm (30 in.), (Figure 1, page 6). Hence, lactating cows should be allowed at least 60 cm (24 in.) of linear bunk space per cow under the assumption that one in four cows does not have access to the feed bunk. For dry and fresh cows, the recommended space allowance is at least 76 cm (30 in.) per animal, and the optimal allowance for close-up cows would be 90 cm (36 in.).

**Feed Bunk Design:** The bottom of the feed bunk should be 10 to 15 cm (4 to 6 in.) higher than the height of the cows' feet.



Producers who are not equipped with automatic feed pushers may use shallower feed bunks (1 to 3 in.) to keep the feed close to the animals.

**Height of the Manger Curb:** The curb height should be roughly 1/3 of hip height (HH). This formula is useful when it comes to determining the appropriate curb height for replacement animals or for dairy breeds other than the Holstein.

**Feed Barriers:** Subordinate cows seem to benefit from a physical barrier separating them from dominant cows. Cows also spent less time standing inactively in the feed alley, which may decrease the risk of lameness. For replacement animals, headlocks should be adjusted for the tallest animals in the group. Likewise, a slope of at least 15 to 20 per cent (20 cm or 8 in.) will ensure easier access to feed. The important thing is to make sure the feed bunk is long enough for the number of animals present.

To avoid neck injuries, a feed rail should be offset over the manger by 20 to 35 cm (8 to 14 in.) from the inside of the curb on the cow side. Pushing feed up frequently also reduces the pressure on the cows' necks.

#### **CONCLUSION**

Different groups of animals have different requirements. A welldesigned feed bunk can make a big difference in ensuring healthy and productive cows.

# The Future of Milk Analysis — Fatty Acid Profile

By **Débora Santschi**, Director of Innovation & Development, **Daniel Warner**, Research & Data Analysis Professional & **Julie Baillargeon**, Knowledge Transfer Expert, Lactanet Canada

Lactanet's innovation and lab teams have devoted four years to developing, fine-tuning, validating and standardizing the milk fatty acid (FA) profile, also known as PROFILab. Similar analysis has been available in select American labs using different analysers, however working with Foss, a Danish lab equipment manufacturer, and world-renowned experts, Rachel Gervais and Yvan Chouinard, predictive algorithms were refined based on real cow metabolism and the precision of the analysis was improved.

#### **First the Bulk Tank**

In the first phase of implementation, PROFILab analysis is available for bulk tank milk samples. Producers can view fatty acid (FA) information on-line alongside milk components. Benchmarks will be displayed to help interpret the results and for herds on milk recording, more detail is available for different breeds, production levels and housing types.

Herd values depend on breed, diet, production, season and other herd management and environmental factors. For that reason, comparisons with similar herds are the best way to find out where a herd stands in relation to its potential.

# PROFILab

The PROFILab service is currently being introduced by Lactanet in the province of Quebec and will become available to the rest of the country over time.

The next phase of development involves applying the concept to individual cows for a better picture of a cow's energy and rumen health, particularly in early lactation.

#### **De Novo FAs Increase Component Levels**

De novo FA levels are an indicator of rumen health, so this should be the first group of fatty acids to focus on. High levels of de novo FAs are a sign of good rumen health, but also suggest that the cows could be "pushed" for a little extra milk.

Data in Quebec confirms that de novo fatty acids (alone or with mixed FAs) have the strongest relationship to milk fat and protein. Hence, boosting the synthesis of de novo FAs will have a positive effect on components. Adequate fibre, enough degradable protein and encouraging several feedings per day, are all factors that have a positive impact on de novo FAs.

#### **FAs and Rumen Health**

A bulk tank FA profile of milk every second day provides useful information that assesses rumen health in the herd and ration utilization. Low de novo levels indicate that the rumen is not functioning properly and the cow may be suffering from ruminal acidosis (lower than average fat @ 3.6-3.8 kg/hL). If that is not the case, then there may be a shortage of available nutrients, which would disrupt the normal functioning of the rumen and, consequently, the synthesis of de novo fatty acids.

Mixed FAs often follow de novo FAs (indicating synthesis in the mammary gland) or will increase substantially when a feed with high palm oil content is added to the diet. A bulk tank urea analysis

will confirm which of the two nutrients is in short supply. If the ration is modified during certain periods of the year, the effect can be seen rapidly even if total fat has remained the same.

Consulting the FA profile once a week when all is well, and more often when there is a problem or a change has been made, is a sound strategy. Eventually, the report could automatically notify and alert producers of changes in the herd's status.

A milk sample tells a story that goes beyond analyzing components, verifying pregnancy and detecting disease. Fatty acid profile analysis reflects rumen health and producers can use this information to adjust their herd rations or feed management practices.

#### Working With PROFILab Results

In addition to support from advisors, notes, and monitoring of changes to feeding or management practices are the best allies in getting the most out of this new tool.

The FA profile can highlight any number of changes that could be undetected: a change in forage that went unnoticed, too many cows in the high-production group, an error in the mixer on a busy morning, a ration that looked ideal on paper.

#### **Innovative Herd Management**

The FA profile contains a wealth of information that can be used to optimize rations and herd potential. Globally, Lactanet is the first to offer this to producers and link it to milk recording performance and demographic data for benchmarks. This information is extracted from milk samples that are already collected and analyzed to support dairy producers in herd management.

#### **FATTY ACIDS IN MILK**

Milk contains roughly 400 different FAs, but most of them occur in extremely low concentrations. The main FAs can be quantified with an infrared analysis, at the same time as regular milk components (fat, protein, urea, lactose, SCC, etc.). In six seconds, we now see the total composition of a milk sample, including the main FAs:

- **De novo FAs:** indicators of rumen health. These short-chain FAs (14 or fewer carbons) are synthesized in the mammary gland from butyrate and acetate, two volatile FAs that derive from ruminal fermentation;
- **Mixed FAs:** 50% are synthesized in the mammary gland and 50% come from feed or body fat reserves. These FAs all comprise 16 carbons and levels increase when palm-oil-based products, for example, are added to the ration;
- **Preformed FAs:** long-chain FAs (15-17+ carbons) that reflect fat intake (contained in forages, corn, concentrates, soybeans, etc.) or the mobilization of body fat reserves (high in early lactation).



#### You do what it takes to manage their pain.

To cattlemen words like obligation and honour are the backbone of a life spent providing for others. To you, things need to feel right. In your head and in your gut. After all, you're not just raising cattle, you're rearing the next generation of cattlemen.

Boehringer Ingelheim is passionately devoted to the advancement of farm animal well-being.

#### LEARN MORE AT METACAMCATTLE.CA



# **Maximize Robotic Milking Efficiency to Boost Profitability**

By Gervais Bisson, Dairy Production Expert, Robotic Milking; Mario Séguin, Dairy Production Expert, Milk Recording & Data Management; Julie Baillargeon, Knowledge Transfer Expert, Lactanet Canada

On most dairy farms, increasing per-cow production improves profitability. On robotic farms, however, maximizing profit entails increasing milk production per cow as well as incorporating robotic milking efficiencies. Lactanet's new robot report is designed to provide metrics and benchmarks that facilitate herd monitoring and complement the eDHI mobile app.

#### **Time In the Box Matters**

Robotic milking efficiency is measured in kg of milk per minute of time spent in the robot (box time). One might think that as a herd's annual milk production increases, so does milking efficiency, however this isn't necessarily the case. In fact, the correlation between the 12-month average and the number of kg of milk per minute box time is only 26.6 per cent.

12-Month Average For Milk (Kg) Per Minute Box Time



Graph 1. Variation in average milk yield for the past 12 months in relation to efficiency measured in kg of milk per minute box time (from 222 AMS Holstein herds, Lactanet, December 2019)

Yellow Farm: 1.33 kg of milk per minute box time x 1,181 minutes = 1,571 kg of milk Green Farm: 2.07 kg of milk per minute box time x 1,181 minutes = 2,445 kg of milk

A robot working at full capacity (assuming 10% free-time) has a potential milking time of 1,181 minutes per day. The yellow and green dots in the graph represent two different farms. Both herds are producing an average of 10,000 kg of milk per cow per year, with milking robots working at full capacity, but the green farm is able to produce 874 kg more milk per robot. With an average feed profit margin of 0.5034 \$/kg of milk, that represents a net profit of \$440/day, or \$160,600/year for the green farm (874 kg/day x \$0.5034/kg for the Holstein breed based on the Lactanet 2020 Annual Herd Management Report).

#### **Measuring and Monitoring Milking Efficiency**

In Lactanet's Robot Report, milking time is evaluated at each test day by combining free time with a fixed factor to estimate time for cleaning, refusals and other periods during which the robot is unavailable for milking. This makes it possible to obtain comparable values among the different robotic milking systems:

- 1. Average milking time in minutes;
- 2. Milking efficiency in kg of milk per minute (box time);

Projections based on actual results are also provided:

- 3. Maximum milk yield per robot (in kg) at full capacity;
- 4. Maximum fat yield per robot (in kg) at full capacity.

Estimated maximum milk/robot is calculated assuming 10% free-time. Since improving efficiency is an ongoing process, you

#### Table 1: Values Calculated to Measure Robotic Milking Efficiency

Key Indicators Robot (7 days)	Results	12 Mth.	Robot Prov. Avg.	Top 20% Robot
Avg. time/milking (min)*	7.34	7.30	7.00	7.00
Efficiency (kg milk/min robot)*	1.92	1.87	1.74	1.92
Est. max milk/robot (kg)*	2,273	2,212	2,049	2,267
Est. max fat/robot (kg)*	88.2	86.2	81.9	90.8
Milk Value/cow (\$)	23.24	7,976	7,254	7,818
Milk Value/robot (\$)	1,589.5	1,565.4	1,217.6	1,501.8

\* Calculated value

Table 1 presents test day results and the 12-month rolling average for the four key indicators.

can start work immediately if the projected maximum doesn't meet your expectations.

Selecting top performing animals certainly contributes to improving robot efficiency, but management factors also play a part.

#### **Incomplete Milkings**

Incomplete and failed milkings probably have the greatest impact on efficiency and when they begin to increase, the freetime decreases. This factor should be prioritized.

#### **Preparation Time**

Both the robot (equipment failure, dirty camera lens, etc.) and the cows (poor udder conformation, bad temperament, long hair, etc.) influence preparation time (teat cleaning, teat cup attachment, etc.), which is included in milking time. Proper robot maintenance and keeping hair short on the mammary gland will save time.

#### Late-lactation

Late-lactation cows can be a source of inefficiency, as the udder at this stage contains less milk and teats are closer together. This complicates teat attachment and increases milking failures. Consider dry-off for cows producing less than 15 kg of milk/day.

#### **Robot** — **Production and Efficiency**

Key Indicators - Herd	Test Day	12 mths	Robot Prov. Avg.	Top 20% Robot
Number of Cows	127	135.6	103.4	101.2
Cows in Lactation	107	113.0	89.4	86.7
Daily Milk (kg)	39.1	37.8	32.8	36.3
Standard Milk (kg)	41.2	42.3	37.3	40.4
Annual Milk (kg)	—	11,537	10,356	11,335
Daily Fat (kg)	1.51	1.50	1.32	1.44
Fat (%)	3.86	3.97	4.09	3.99
Daily Protein (kg)	1.28	1.24	1.10	1.19
Protein (%)	3.27	3.29	3.40	3.30
Avg DIM	176	167	174	165
Peak Milk (kg)	46.9	47.0	41.9	45.6
Peak DIM	54	55	48	48
Herd Avg SCC ('000)	137	251	221	184

The NEW Robot Report is Dynamic: The traditional PDF report is now replaced with a dynamic data file, which allows you to view your data by clicking between two tables and eight graphs to help you evaluate milking efficiency.

# A Roadmap for Delivering Genetic Evaluations

By Brian Van Doormaal, Chief Services Officer, Lactanet Canada

In an effort to maximize profitability, producers need to find the optimal balance between the level of genetics and management of their herd. Lactanet provides an array of tools and services to accomplish this objective. For the development and delivery of genetic evaluations, there are several key components, which generally takes years to complete.

After the exploratory research has been completed, usually based on data specifically collected from a small number of dairy herds, the next step in the development of genetic evaluations is the establishment of an ongoing data pipeline. This step is often not visible to producers since it focusses on the movement of data collected on the farm to the centralized database at Lactanet. The information is used for developing management tools as well as genetic evaluation services.

Currently, Lactanet is in the process of assessing how to best collect quality data associated with the incidence of crampiness in dairy cattle breeds in Canada. This will result in better benchmarking and management within each breed/herd and the ultimate goal is to provide genomic evaluations to reduce the incidence of this undesired neurological condition.

Once data collection for a trait has been established, Lactanet geneticists must build the genetic and genomic system required to deliver evaluations on a routine basis. Here, research from preceding years becomes critical and forms the foundation for calculation methods and models to be implemented. Feed efficiency is currently the trait that is at this stage of development with a targeted implementation date of April 2021 for the Holstein breed.

As a routine genetic evaluation system has been successfully developed and an implementation date is established, the next stage is communication and extension. Lactanet is at this point for new genetic evaluations of fertility disorders, to be launched in December 2020 for the Holstein, Ayrshire and Jersey breeds. These evaluations will allow producers to select sires with the goal of reducing the incidence of cystic ovaries, metritis and retained placenta in their herd.

Over the last several years, Lactanet has introduced new genetic evaluations for a portfolio of traits that have an economic impact on herd profitability. The most recent of these was the Hoof Health index for the Holstein breed in December 2019, which is based on criteria for eight hoof lesions. The same data collected from dairy farms across the country is also used by Lactanet for offering its new Herd Health Report as a management tool.

In earlier years, genetic evaluations were introduced to help producers genetically select for resistance to specific diseases, namely clinical mastitis, ketosis and displaced abomasum. Today, by assessing producer needs, Lactanet identifies the various traits that offer opportunities for future genetic improvement. To be successful and deliver innovative herd management and genetic services, the roadmap from research to extension and implementation will continue under the Lactanet vision.



#### Roadmap of Genetic Evaluation Delivery for the Most Recent and Expected Traits

Trait	Research	Data Pipeline	System Development	Extension	Date (Target)
Mastitis Resistance (Clinical Mastitis)					August 2014
Metabolic Diseases (Ketosis, Displaced Abomasum)					December 2016
<b>Hoof Health</b> (Digital Dermatitis and 7 other hoof lesions)					December 2019*
<b>Fertility Disorders</b> (Cystic Ovaries, Metritis, Retained Placenta)					December 2020
Feed Efficiency					April 2021*
Crampiness					(2022)
Calf Health					(2023)
Resiliency					(2024)

\*Traits available for the Holstein breed only. All other traits are only available for Holstein, Ayrshire and Jersey.

Table 1: Presents the roadmap of genetic evaluations for traits delivered in most years as well as those on the horizon. Regardless of the trait, the first step is research based on a concept relative to a trait that may be important to dairy farmers. Lactanet is active and progressive in this area through our Innovation and Development team, as well as by funding research conducted by scientists in universities across Canada. Two traits of high priority for future genetic evaluations are calf health and overall resiliency of the dairy cow in different environments and climates.

# The **Ultimate** Herd Management Experience

## The NEW DairyComp platform is now available in Canada. If you are a current DairyComp user, contact us and we will perform the upgrade.

## **Management & Tracking**

- Activity & Events
- Breeding & Calving
- Production & Records
- Milk Testing
- Lab Results
- Health & Treatment
- Reproduction
- Synchronization
- Genetic Integration
- Pedigrees & Matings
- Semen Inventory
- Overall Performance

# IMPROVE THE PERFORMANCE OF YOUR HERD.

**THERE ISN'T A BETTER WAY TO** 





## We're here to help.

For more information about DairyComp software, contact us at 1-800-549-4373.



- Simple to Use
- Accurate Records
- Customized to Your Herd
- Responsive To Mobile
- Connects With Advisors
- Integrates With Other Systems
- Handles Registrations
- Compliant to Traceability
- Auto Back-Up & Updates
- Data Intelligence
- Includes Installation & Set-Up
- Training & Full Support



#### Describe some of your changes over the years.

In 2017, we started milking three times per day and this change generated above average annual milk, fat and protein values. A new addition to the dry cow barn provided more space and the cows are now very comfortable. Last spring, we made a field and exercise yard accessible to enhance fitness of the herd and they also enjoy our beautiful BC weather.

#### What Lactanet tools/services are important to you and why?

I find the SCC and Mastitis4 test to be very useful for culling decisions. DairyComp offers many great management features along with electronic registrations and traceability that saves us time. For herd health, KetoLab and Johne's test results are very quick. Overall, the reports we receive help support our decisions and are easy to use.

#### What is your herd management strategy?

There are a number of objectives to our strategy. We keep animals as comfortable as possible, try to harvest really good feed and let the cows milk without pushing them. Our goal is to support heifer growth and allow some to calve at 22 months. We don't purchase genetics and have had success using a 50/50 split with proven and genomic bulls, while developing current cow families.

#### Do you have automated systems on the farm?

Other than automatic take-offs in the parlor, we have a Lely Juno feed pusher that saves us time and keeps feed available all day. The system in our free-stall barn automatically flushes three to four times a day and manure is separated and stored for irrigation or re-flushing.

#### What are you currently looking to modify/change?

We are happy with our current set-up. Our focus will be to continue to manage cows and heifer replacements with existing barn space, feed inventories and land to fill quota.

#### What has been one of your biggest successes over the years?

The Lloydshaven herd has been recognized for top quality milk on the island. We continue to increase milk production with the same number of animals. Cows are staying in the herd longer and we just classified 80% GP+ on the herd. We enjoy the commitment of long-term employees and are proud to take part in public tours and have visitors on the farm.

#### What other types of farming do you participate in?

We crop 150 acres that includes 45 acres of corn with the remaining being grass silage.

#### If you could make one change, what would it be?

Ideally, I would house my heifers in smaller groups and have more individual pens for special needs and post-calving animals.

#### What is your breeding strategy?

I like to breed cows that have a strong top line, wide balanced udder, and strong feet. I have moved away from big cows and are now aiming for smaller more efficient animals.

#### Words of wisdom?

My only advise would be to 'watch your cows'! It's nice to have tools like activity monitors and print outs from computers but in the end, you need to have a visual on the herd.

#### **Farm Profile**

#### Lloydshaven Holsteins Ltd. Courteney, BC Vancouver Island

Owners: Barbara Milley, Lloyd Onnes & Family

#### Housing: Free-stall

Milking System: Double-6 parallel

Lactanet Services: Milk Recording, Mastitis4, GestaLab, Johnes, DairyComp, ERA

Ranking: #4 in BC, top 100 in Canada

**Average Number of Cows: 99** 

Average Age at 1st Calving: 23.8 months

% of Cows in 3rd Lactation: 46%

Herd Efficiency: 87.4%

Average SCC: 159



Calf feeder and milker, Elizabeth Ticiniski

## History

Lloyd and Mabel Onnes immigrated from Holland in 1963. After five years, they purchased the farm on Vancouver Island in Courtenay, BC. Lloydshaven Holstein is now celebrating over 50 years of excellence in dairy farming. Barbara Milley, Lloyd and Mabels daughter, has managed the dairy operation for the past 15 years. Currently, they have seven full and part-time employees.

#### **Farm Profile**

#### GDL Farms Ltd. Picture Butte, AB

**Owners:** Gerrit, Konrad & William de Leeuw

Housing: Free-stall

Milking System: Double 4 auto-tandem parlour

Lactanet Services: Milk Recording, Leukosis, GestaLab, Mastitis4, Johnes, KetoLab

Ranking: #2 in Alberta, in the top 125 in Canada

Average Number of Cows: 123

Average Age at 1st Calving: 23.5 months

% of Cows in 3rd Lactation: 47.7%

Herd Efficiency: 84.3%

Average SCC: 111



#### History

GDL is a fourth-generation farm. Gerrit Van Bezooyen started with his first herd in 1957 in the Coaldale area in Alberta, and his son-in-law, Chris de Leeuw took over in 1968. Chris and his son Gerrit de Leeuw, moved the farm to Picture Butte in 1980. A few years later, brother Chris joined the operation. To get the next generation involved, the farm split in 2007 and GDL Farms Ltd. was established in a new location where Konrad joined in 2009 and William in 2012.



#### Describe some of your changes over the years.

In 2015, we moved into a new barn and began using AI in our breeding strategy. To reduce antibiotics at dry-off, we stopped blanket cow treatment, changed to dry-cow feed 3-5 days before dry-off, and introduced 'Lock Out' as a teat sealant. Today, only cows identified with high SCC or mastitis in the last 60-days get dry-cow treatment.

#### What Lactanet tools/services are important to you?

We use our herd management reports to indicate which high butterfat production cows we should use sexed semen on. The data also helps us find high SCC cows. The GestaLab pregnancy test is easy, and in addition to other heard health analysis, we also find the Leukosis test useful for all heifers entering the herd.

#### What is your herd management strategy?

We milk by the motto, "It's not how fast you milk, it's how well you milk." Our strategy is to try and have healthy cows that last a long time, are problem free and can be bred back for a 14-month calving interval. Our current goal is to be Leukosis free, as Johnes negative has already been accomplished in our closed herd. We also work at maintaining a low SCC and breed enough heifers to expand internally with a few extras to sell.

#### Do you have automated systems on the farm?

For automation, we use GEA CowScout for heat detection and rumination, which has been successful to find heats and detect sick cows early.

#### What are you currently looking to modify/change?

We are interested in breeding heifers through AI, but find it's a challenge as they are housed at a different location.

#### What has been one of your biggest successes over the years?

As our annual milk values continue to climb alongside fat and protein, our success is in what we deliver. We have been recognized for outstanding milk quality by Alberta Milk, making the top 10 list in the past two years and with awards nine out of 10 years.

#### What other types of farming do you participate in?

We farm 450 acres to supply our own feed and we also have a 1200 head backgrounding feedlot.

#### If you could make one change, what would it be?

Ideally, we would build an indoor close-up calving pen to help the cows transition into the barn.

#### What is your breeding strategy?

We breed for a moderate size, strong cow with good feet and legs. Potential for high butterfat and good milk is also our focus and low producers get beef semen. Going forward, polled, A2A2, and Immunity+ bulls are of interest.

#### Words of wisdom?

Have a good relationship with your nutritionist, veterinarian, AI representative, dairy supplier and banker. They are a wealth of information and will give you lots of information over a cup of coffee. Also, join your local dairy study group.



#### Describe some of your changes over the years.

With cow comfort being important to us, a sprinkler system was added to keep the main milking herd and close-up group cool in the summertime. We feel this has made a big improvement when cows transition, as well as maintain high production in those hot Saskatchewan summer months. Other changes include the installation of a BouMatic automated system that is interfaced with DairyComp herd management software. This helps with heat detection, ruminating, and activity. We like our calves to get the best start possible and switched from milk replacer to pasteurizing whole milk and colostrum. A number of years ago we also put up a new hay and commodity shed that reduced yardage and waste dramatically.

#### What Lactanet tools/services are important to you and why?

Besides the DairyComp software, that supports our overall herd management, goals and objectives, we test for Ketosis and SCC. We rely on the various DairyComp reports and data, along with other information such as BCA's for culling decisions to the bottom end of the herd. Lactanet's annual Herd Management Report is handy as it helps us know that although we are proud to be in the 90th percentile for milk value with high fat, it can identify where we can do better.

#### What is your herd management strategy?

Our colony mantra is to 'always do our best' and our biggest success is to raise healthy animals that grow into efficient and trouble-free cows. We find that our herd thrives in a low stress environment.

#### What other types of farming do you manage?

At Clearspring, we cash crop farm cereals, pulses, and oilseeds. Our own barley and corn silage is used for feed in the TMR, along with wheat DDGS, alfalfa hay and a premix package, which is all formulated by Dairysmart Nutrition.

#### If you could make one change, what would it be?

We currently house half our calves inside and the other half are raised in hutches, so if we could change one thing it would be to have a better calf raising facility, all indoors in a climate-controlled environment.

#### What is your breeding strategy?

We like to breed healthy efficient cows that live a long productive life and have a strong functional type for a high butterfat yield. In addition to classification to identify strengths and weaknesses, genomic testing helps us analyze pedigrees and select our bulls.

#### Are advisors important to herd management?

In addition to working closely with our nutrition team, our veterinarian at Warman Vet Services, is very knowledgeable and an important part of our operation. Our advisors help us achieve our goals.

#### **Future Outlook?**

We are very proud of being ranked fifth in Saskatchewan and in the top 7% of the best managed herds in the country. In less than 20 years since we started out, each year our score gets better and better. It would be great to one day be number one in the province.

#### **Farm Profile**

#### Clearspring Farming Kenason, SK

Housing: Free-stall with waterbeds

Milking System: Double-12 BouMatic parallel parlour

Lactanet Services: Milk Recording, DairyComp, ERA, KetoLab, SCC, MUN

**Ranking:** #1 in the Saskatoon region, #5 in Saskatchewan

Average Number of Cows: 205

Average Age at 1st Calving: 23.7 months

% of Cows in 3rd Lactation: 85.5%

Herd Efficiency: 87.4%

Calving Interval: 12.8 months



## History

The Clear Spring Colony near Kenaston in Saskatchewan was founded in 1971, as a split of the Bench Colony. The dairy has been past-on and goes back 100 years. As colonies expand and split, each one functions as a collective unit and will have a diverse, progressive and sustainable business operation, primarily in agriculture or manufacturing. Walter Wipf and Robert Kleinsasser manage the Clearspring dairy herd with four decades of combined experience. The free-stall barn was built in 2001 and three seasonal employees are also involved in the dairy.

#### **Farm** Profile

#### Rocky Ridge Dairy Grunthal, MB

#### **Owners:** Hotze & Pietje Woudstra

Housing: Free-stall

Milking System: DeLaval double-10 parlour

Lactanet Services: Milk Recording, Leukosis

Ranking: #1 free-stall herd, #3 top herd in Manitoba

Average Number of Cows: 262

Average Age at 1st Calving: 24.6 months

Calving Interval: 13.0 months

Herd Efficiency: 86.8%

Average SCC: 111



## History

Hotze and Pieteke Woudstra immigrated to Canada from Holland with their children in 1991. Hotze started off as a herdsmen and hoof trimmer and they purchased Rocky Ridge in 1998. Originally, the dairy milked 45 cows until doubling their herd in 2003, also the year when son-in-law Ryan Statham joined the operation. Adding to the team, Rinze Veldema, who had been working at Rocky Ridge in the summers, moved to Canada from Holland in 2008 and Siebren, came home in 2011. Now many of the Woudstra's 21 grandchildren help out on the farm when needed. The dairy facility has since expanded milking 230 cows.



#### Describe some of your changes over the years.

In 2016, we built a free-stall barn to accommodate 240 head. Then in 2018, a straw pack-barn for dry cows was constructed. It was important to make both human and cow comfort a priority.

#### What tools/services are important to you and why?

The dairy management tools we primarily use to monitor performance are the DeLaval Alpro software and Lactanet reports. We also work with advisors, such as our feed specialist and Veterinarian, who also look at the data.

#### What is your herd management philosophy?

We have a simple but effective philosophy: 'If we're all working together — great things are possible,' and 'do everything to the best of your ability — no matter the task'.

#### Do you have automated systems on the farm?

In addition to the DeLaval double-10 parlour, we have a Lely Juno feed pusher to encourage increased feed intake in the evenings.

#### What are you currently looking to modify/change?

When we built our barns a few years ago, we made it possible to easily install robots in the future. If we decide to go in a different direction, our plan also leaves us with enough room to install a rotary parlour.

#### What has been one of your biggest successes over the years?

The quality of our milk has always been important and we find it gratifying to have above average milk value, along with rich components to deliver the best product possible. In 2019, we placed fourth in the province for milk quality by Dairy Farmers of Manitoba. We are also proud of our low somatic cell count and reducing this year's average days open to 95.

#### What other types of farming do you participate in?

At Rocky Ridge, we grow corn, alfalfa, grass and oats on 950 acres of land. We are able to produce quality feed for our animals and also sell some cash crops.

#### If you could make one change, what would it be?

The only thing we would have done differently is immigrated to Canada 10-15 years earlier than we did. Canada is a great country to raise our family and establish our farm.

#### What is your breeding strategy?

We breed for good feet, a solid frame, exceptional udders and A2A2. A lot of emphasis is put into raising healthy calves and heifers that we can breed back quickly. Hotze has a soft spot for red and white Holsteins so we breed for a bit of that as well.

#### Words of wisdom?

At our farm, hard work has always paid off and we also try to be one step ahead.



Real Farming Innovation

# IAMA FARMER



I do everything in my ability to keep my cows healthy and working hard for my family.

I am a farmer. My farming is real. IAmAFarmer.ca

Innovation in animal wellbeing means looking to the past to inspire the future. When you need to treat pain and inflammation, injectable Metacam<sup>®</sup> 20<sup>\*</sup> offers fast, accurate and long-lasting pain relief to help animals reach their full potential.

\* Metacam<sup>®</sup> 20 mg/mL Solution for Injection

Metacam<sup>®</sup> is a registered trademark of Boehringer Ingelheim Vetmedica GmbH, used under license. © 2020 Boehringer Ingelheim Animal Health Canada Inc. All rights reserved.



### **BRITISH COLUMBIA HERD MANAGEMENT SCORE**

Rank	Farm Name	Owner	City	Region	Score	Herd Size		Breed
1	Milky Way Dairy	Frank & Debbie Les	Chilliwack	Chilliwack	930	92		HO
2	PJV Farms Ltd	Peter Vink	Chilliwack	Chilliwack	928	167	*	HO
3	West River Farm Ltd	Grant & Eugene Sache	Rosedale	Chilliwack	903	168	R	HO
4	Lloydshaven Holsteins Ltd	Lloyd Onnes & Family	Courtenay	Courtenay-Comox	897	99	*	HO
5	Abclan Dairy	Martin & Mary Zwartbol	Chilliwack	Chilliwack	887	121		HO
6	Country Charm Farms Ltd	Huizing Brothers	Matsqui	Matsqui	883	289	*	HO
7	William Wikkerink Farms	J. W. Wikkerink	Cobble Hill	Cowichan	877	141		HO
8	Valedoorn Farms Inc	Tom & John Hoogendorn	Agassiz	Agassiz	875	354	*	HO
9	Kish Farms Ltd	Darren Kish	Abbotsford	Sumas	874	86		HO
10	UBC Dairy Education	Nelson Dinn	Agassiz	Agassiz	873	301		HO
11	Elmido Farms	John & Debbie Aarts	Sardis	Chilliwack	871	621	*	HO
12	Fraser Edge	Sid Stoker	Deroche	Dewdney-Deroche	869	176	R	HO
13	B & L Farms Ltd	Matt Dykshoorn	Abbotsford	Sumas	864	56	R	HO
14	Wallyann Holsteins	Edwin Crandlemire	Grindrod	Kamloops-Okanagan	863	151		HO
15	Melinke Farms Ltd	Theo Stoker	Deroche	Dewdney-Deroche	863	147		HO
16	Hammingview Farms Ltd	Yvonne Murdoch	Pitt Meadows	Pitt Meadows-Maple Ridge	859	102	*	HO
17	Kambro Farms Ltd	D, T & W Kampman	Abbotsford	Matsqui	857	464	*	HO
18	Triwest Farms	Vic & Terry Triemstra	Chilliwack	Chilliwack	855	136	*	HO
19	Marlena Farms Ltd	Fred Vermeer	Dewdney	Dewdney-Deroche	854	398	R	HO

#### ALBERTA HERD MANAGEMENT SCORE

Rank	Farm Name	Owner	City	Region	Score	Herd Size	;	Breed
1	Milford Colony Farming Co Ltd	Mike Wipf	Raymond	Lethbridge/Brooks	897	107		HO
2	GDL Farms Ltd	Gerrit Deleeuw	Picture Butte	Lethbridge/Brooks	887	123		HO
3	Mars Dairy	Gert & Sonja Schrijver	Stettler	Red Deer	884	316	*	HO
4	Aspenridge Farms Ltd	Dick & Steve Tenhove	Blackfalds	Red Deer	873	58		HO
5	Adventure Holsteins Ltd	-	Rocky Mtn House	Red Deer	873	141		HO
6	Earnewald Holsteins-Dejong Bros Ltd	-	Lacombe	Red Deer	873	156		HO
7	New Rockport Colony	Simon Waldner	New Dayton	Lethbridge/Brooks	862	121		HO
8	H & W Rommens Farms	H & W Rommens	Duchess	Lethbridge/Brooks	862	214		HO
9	Sunalta Farms	Siebe Brouwer	Ponoka	Red Deer	857	427	*	HO
10	New Mars Dairy Ltd	Henk & Lizette Schrijver	Millet	Red Deer	853	418	*	HO
11	Royal Hill Farm	-	Lacombe	Red Deer	853	315	*	HO
12	Sylvanside Dairy Ltd	Sipke & Margreet Dijkstra	Ponoka	Red Deer	852	179		HO
13	Houweling Farms Ltd	Pete Houweling	Coaldale	Lethbridge/Brooks	851	503	*	HO
14	H & J Leusink Dairy	Harmen Leusink	Picture Butte	Lethbridge/Brooks	851	124		HO
15	Schuurman Dairy Ltd	-	Leduc County	Edmonton	841	94		HO
16	Dan Hofer	Little Bow Colony	Vulcan	Lethbridge/Brooks	838	89		HO
17	Nifera Holsteins	-	Nobleford	Lethbridge/Brooks	837	109	R	HO
18	Fairville Farming Co Ltd	-	Bassano	Calgary	833	143	R	HO
19	Roseglen Farming Co Ltd	Josh & Jason Entz	Hilda	Lethbridge/Brooks	832	102		HO
20	Hulleman Farms	Martijn Hulleman	Lacombe	Red Deer	829	99	R	HO

\*3× Milking Per Day or Greater/R: Robotic

## SASKATCHEWAN HERD MANAGEMENT SCORE

Rank	Farm Name	Owner	City	Region	Score	Herd Size		Breed
1	Dept Animal & Poultry Sci.	-	Saskatoon	Saskatoon East	882	124	*	HO
2	Sierra Colony Farms Ltd	-	Shaunavon	Swift Current	870	125	R	HO
3	Bench Farming Co Ltd	-	Shaunavon	Swift Current	864	88	R	HO
4	Elkrest Farms	Brad Jason Trevor Kornelius	Osler	Saskatoon East	862	833	*	HO
5	Clearspring Farming Co	-	Kenaston	Saskatoon	830	205		HO
6	Fox Valley Farming Co	Don Mandel	Fox Valley	Swift Current	823	93		HO
7	Beechy Colony	George Hofer	Beechy	Saskatoon West	812	175		HO
8	Alley Holsteins	Albert Leyenhorst	Dalmeny	Saskatoon East	804	233	*	HO
9	Main Centre Dairy Colony	Andy Hofer	Rush Lake	Swift Current	804	198		HO
10	Quill Lake Colony	Robert Tschetter	Quill Lake	Saskatoon	791	119		HO
11	Marfay Farms Ltd	Merlis & Mark Wiebe	Osler	Saskatoon East	788	503	*	HO
12	Cypress Colony	Darrell Entz	Maple Creek	Swift Current	786	102	R	HO
13	Hyljon Holsteins	John & Susan Hylkema	Hague	Saskatoon	778	832	*	HO
14	Vanzessen Dairy Inc	Tymen Vanzessen	Rosthern	Saskatoon East	774	87		HO
15	Kessel Family Farm	Raymond Kessel	Balgonie	Regina	769	146		HO
16	Vinoridge Farm	Kevin & Robert Coghill	McLean	Regina	764	201		HO
17	Pennant Colony	Dan Wipf	Pennant	Swift Current	763	105	R	HO
18	Benbie Holsteins	Neil Crosbie	Caron	Regina	756	187	*	HO
19	Eview Farming Company Ltd	-	Gull Lake	Weyburn	743	132		HO
20	Kenbert Acres	Ken & Ryan Friesen	Drake	Saskatoon East	731	134		HO

	MANITOBA HERD MANAGEMENT SCORE									
Rank	Farm Name	Owner	City	Region	Score	Herd Size		Breed		
1	Readore Farms	Rheal Simon	Notre Dame	Central	876	126		HO		
2	Isaac Dairy Ltd	Brent & Victoria Isaac	Kleefeld	Eastern	870	95	*	HO		
3	Rocky Ridge Dairy	Hotze & Pietje Woudstra	Grunthal	Eastern	848	262		HO		
4	C & D Farms	Cornie Penner	Altona	Central	838	84		HO		
5	University of MB, Glenlea	Tracy Gilson	Winnipeg	Eastern	823	51	R	HO		
6	Rehoboth Farms	_	Grunthal	Eastern	816	201	*	HO		
7	Grateful Dairy	Inge & Tim Meinen	Landmark	Eastern	808	53	*	HO		
8	Labass Holsteins Ltd	Jan & Tracy Bassa	La Broquerie	Eastern	806	558	*	HO		
9	Mageo Pouteau Farms Ltd	Chris & Carla Pouteau	Mariapolis	Central	797	79		HO		
10	Four Oak Farms	Armin Dueck	Kleefeld	Eastern	796	53		BS		
11	Lange Farms Ltd	Arnold & Kim Lange	Dufresne	Eastern	789	70	R	HO		
12	Sturgeon Creek Colony	Samuel Waldner	Headingley	Interlake	786	71	*	HO		
13	Rosh Holsteins	Roger & Sherry Poirier	Beausejour	Eastern	785	81		HO		
14	Tri Lea Farm	Richard Boonstoppel	Grunthal	Eastern	780	103	R	HO		
15	Columbine Holsteins	Jacob & Annita Benthem	Elm Creek	Central	779	126	R	HO		
16	Oakparke Holsteins	John & Carol Robinson	Steinbach	Eastern	774	172	*	HO		
17	Fehr Farm	Jakob, Ana & Andreas Fehr	La Broquerie	Eastern	767	216	R	HO		
18	Friecrest Holsteins	Ed & Kathy Friesen	Kleefeld	Eastern	763	97		HO		
19	Plemark Holsteins	Matt & Tanya Plett	Blumenort	Eastern	762	80	*	HO		
20	Del Dairy	Jason Breukelman	Elm Creek	Central	761	82		HO		

\*3× Milking Per Day or Greater / R: Robotic

Lactanet congratulates the following producers for outstanding udder health management resulting in low SCC.

Farm Name	Owner	City	Cows (Avg)	Avg SCC (× 1000)
British Columbia				
Willswikk Holsteins	William Wikkerink	Mill Bay	62 R	39
Tolamika Farms & T & L Cattle	Tom Degroot	Rosedale	106	41
Trinity Holsteins	Paul Schmidt	Mission	49	53
Shenandoah Dairy	_	Armstrong	48	54
Blue Diamond Farm	Harvey Wikkerink	Duncan	95	58
Norvalse Farms	J Middelburg & M Van Der Veen	Rosedale	110	60
Viewfield Farms Ltd	Dave Taylor	Courtenay	145	68
Greendike Farms	Chris Groenedijk	Chemainus	183	69
Wikksview Farm Ltd	Fred Wikkerink	Cobble Hill	73	69
Chartimar Farms	Peter Malowney	Surrey	41	70
Brunoro Farms	Ed Brunoro	Aldergrove	39	74
Natures Den	Gerrit Verwoert	Chilliwack	43	76
Elmido Farms	John & Debbie Aarts	Sardis	621 *	77
Neveridle Farms	Arthur Keulen	Delta	164	79
Kingsdale Dairy Ltd	Bert Doppenberg	Abbotsford	43	80
Riverwater Farm Ltd	J. Wikkerink	Duncan	152	83
Delmar Dairy Inc	Al Martens	Chilliwack	86	84
Happy Cow Dairy	Kyle Durrance	Qualicum Beach	77	84
Raincoast Dairy	Boris Van Dereyk	Langley	29	85
Kloot Farms Ltd	Alfie Kloot	Chilliwack	481 *	86
Alberta				
Standoff Colony	Greg Hofer	Fort Macleod	71	84
Deerhaven	Glenda Mutrie	Thorsby	42	87
Freedom Dairy	Marinus Helmus	Barrhead	85	90
Edward Hofer	Leedale Colony	Rimbey	61	90
Earnewald Holsteins-Dejong Bros Ltd	-	Lacombe	156	91
Neudorf Colony	Peter Waldner	Crossfield	117	96
Sietzema Dairy Ltd	Sietze Sietzema	Olds	103	97
Sylvanside Dairy Ltd	Sipke & Margreet Dijkstra	Ponoka	179	99

#### Low SCC Herds (Alberta Continued)

Farm Name	Owner	City	Cows (Avg)	Avg SCC (× 1000)
Hillridge Colony	Paul Hofer	Barnwell	207	101
Whitefisch Dairy Ltd	Beat & Priska Fischer	Rimbey	114	102
Twilight Colony	-	Falher	167	104
Holt Colony	Matthew Tschetter	Irma	132	104
Windy Creek Dairy	Dustin Grisnich	Fort Macleod	41	104
River Road Farming Co. Ltd	Gideon Entz	Milk River	123	105
Gdl Farms Ltd	Gerrit Deleeuw	Picture Butte	123	111
Grandview Jerseys Ltd	Adam Bouwman	Ponoka	79	112
Skycrest Holsteins Ltd	-	Athabasca	93	116
A.F.N.S.	University of Alberta	Edmonton	144	117
Buffalorock Farm Ltd	-	Olds	170	118
Glesman Farms Ltd	Myrin & Nancy Glesman	Leduc County	71	119
Saskatchewan				
Calvin & Diane Vaandrager		Langham	113	80
Robella Holsteins	Reg & Juliann Lindenbach	Balgonie	98	85
Benbie Holsteins	Neil Crosbie	Caron	187 *	99
Bramville Farm	Fran & Joanne Edwards	Nokomis	61	103
Sunnyside Dairy	Bas & Martha Froese-Kooijenga	Saskatoon	34	103
Kessel Family Farm	Raymond Kessel	Balgonie	146	104
Downie Lake Colony	Josh Hofer	Maple Creek	112	107
Vanzessen Dairy Inc	Tymen Vanzessen	Rosthern	87	114
West Bench Colony	Joe Walter	Eastend	99	117
Quill Lake Colony	Robert Tschetter	Quill Lake	119	121
Manitoba				
Four Oak Farms	Armin Dueck	Kleefeld	53	99
Readore Farms	Rheal Simon	Notre Dame	126	103
Sturgeon Creek Colony	Samuel Waldner	Headingley	71 *	110
Rocky Ridge Dairy	Hotze & Pietje Woudstra	Grunthal	262	111
Steinmann Dairy Farm	W & M Steinmann	Clandeboye	94	114
University of Manitoba - Glenlea	Dr. Tracy Gilson	Winnipeg	51 R	120
Park Dairies	Larry & Wilma Park	Lake Francis	88	122
Wiebes Family Farm	Willie Wiebe	Riding Mountain	58	127
Reutter Dairy	Thomas & Saskia Reutter	Grunthal	399	128
Rosedale Colony	Luke Waldner	Elie	54	133

\*3× Milking Per Day or Greater/R: Robotic

		F	PROVINCIA	L STATIS	TICS			
	Calving Inter	val (Months)	Dry Period	d (Days)	Age at 1st Calv	ing (Months)	SCC (/	Avg)
	2018	2019	2018	2019	2018	2019	2018	2019
British Columbia	14.0	13.9	68	67	25.7	25.4	185	194
Alberta	13.7	13.6	74	73	25.3	25.2	218	214
Saskatchewan	14.0	13.9	81	79	25.2	25.0	223	201
Manitoba	14.4	14.1	86	81	26.6	26.4	248	245
Ontario	13.9	13.9	70	70	25.6	25.5	238	226
Quebec	13.6	13.6	64	65	25.6	25.5	217	206
New Brunswick	13.7	13.7	67	67	26.6	26.9	213	200
Nova Scotia	13.9	13.9	72	72	26.5	26.2	225	200
Prince Edward Island	14.1	14.1	77	80	27.0	26.7	205	182
Newfoundland	13.5	13.8	65	70	25.2	25.3	191	178

## **PRODUCTION TRENDS** (305 Kg's)

	В	ritish Columb	ia	Alberta		Saskatchewan			Manitoba			
	Milk	Fat	Protein	Milk	Fat	Protein	Milk	Fat	Protein	Milk	Fat	Protein
2019	10,366	424	341	10,624	426	344	11,050	439	362	10,373	406	336
2018	10,197	414	332	10,499	415	337	10,977	429	356	10,279	397	330
2017	10,161	405	329	10,417	406	333	10,686	415	345	10,057	383	322
2016	10,362	404	336	10,352	399	332	10,420	400	335	9,850	375	315

	ENRO	LLMENT			А	LL WESTER	N PROVINC	ES
	British Columbia	Alberta	Saskatchewan	Manitoba	2016	2017	2018	2019
Lactanet Herds	264	345	82	160	993	950	918	851
Percent Publishable	75%	62%	73%	71%	67%	67%	68%	69%
Percent Management	25%	38%	27%	29%	33%	33%	32%	31%
Lactanet Cows	51,343	57,104	17,152	28,163	157,158	156,235	161,442	153,762
Percent Publishable	60%	64%	68%	63%	63%	63%	61%	63%
Percent Management	40%	36%	32%	37%	37%	37%	39%	37%
Average Herd Size	194	166	209	176	158	164	176	181

		CC	OMPLET	E LACTAT	IONS (Kg	s)			
			2	2019			20	18	
		Milk	Fat	Protein	Avg DIM	Milk	Fat	Protein	Avg DIM
British Columbia	All	10,513	433	348	307	10,214	415	335	304
	Publishable	10,822	447	358	308	10,704	437	351	309
	Management	10,096	414	335	306	9,551	385	313	297
Alberta	All	10,414	421	339	295	10,429	415	337	298
	Publishable	11,019	444	358	303	10,912	434	352	303
	Management	9,533	387	312	282	9,784	390	316	290
Saskatchewan	All	11,126	447	368	309	10,713	423	351	299
	Publishable	11,363	460	377	311	11,152	442	366	304
	Management	10,661	421	350	305	10,030	394	328	291
Manitoba	All	10,428	417	340	306	10,529	414	341	311
	Publishable	10,897	429	354	307	11,110	430	359	317
	Management	9,910	403	326	304	9,830	394	320	305

OKetoLab Ketosis Milk Test

# easy & affordable

Studies have shown that up to 40% of cows are affected by ketosis while presenting no outward symptoms.

Through milk sampling, over 41% of our customers use KetoLab to detect subclinical ketosis in their herd.



## We're here to help.

To add **KetoLab** to your sample analysis, talk to your Lactanet Service Representative or contact us at 1-800-549-4373.





			DE		OTATI						
			RE	GIONAL	. STATI	STICS					
			305 (Kg)			BCA			Compo	site BCA	
Region	Herds	Milk	Fat	Protein	Milk	Fat	Protein	2016	2017	2018	2019
British Columbia	264	10,366	424	341	239	256	244	238.2	236.2	240.4	245.9
Agassiz	21	10,194	418	333	233	253	237	235.4	232.3	237.1	241.1
Central BC	8	8,879	355	294	199	209	205	191.1	195.3	195.9	204.0
Chilliwack	53	10,613	437	349	245	264	250	246.1	242.5	248.8	253.2
Courtenay-Comox	5	9,376	390	307	220	238	222	230.0	229.3	236.8	226.7
Cowichan	21	10,550	442	345	239	266	245	239.9	239.1	237.6	249.9
Delta-Richmond	12	10,432	427	347	236	257	245	240.6	239.7	239.7	245.9
Dewdney-Deroche	22	10,431	434	348	251	262	255	244.4	242.5	253.9	256.2
Kamloops-Okanagan	48	10,325	424	341	237	254	243	238.8	238.8	243.3	244.7
Kootenay	2	10,678	438	344	241	266	243	205.5	204.7	214.3	249.8
Matsqui	11	11,258	459	367	255	277	260	244.7	243.7	244.5	263.7
Pitt Meadows-Maple Ridge	8	10,122	413	335	243	247	244	245.1	237.3	243.4	244.7
Sumas	33	10,392	419	339	238	255	243	237.2	236.5	238.7	245.3
Surrey-Langley	20	10,056	398	330	228	238	232	230.7	224.5	224.7	232.4
Alberta	345	10,624	426	344	240	257	243	234.6	237.8	242.0	246.3
Calgary	44	10,341	418	339	237	252	241	232.2	235.6	240.9	243.6
Edmonton	69	10,025	401	326	226	240	230	226.8	226.8	228.7	231.9
Lethbridge/Brooks	117	10,823	430	347	243	260	244	235.3	241.7	246.5	249.0
Peace River	2	10,478	434	331	240	268	238	241.3	249.7	249.8	248.5
Red Deer	105	10,954	441	355	246	265	250	239.5	241.5	246.0	253.9
Vermilion	8	10,156	408	329	237	253	240	234.3	235.1	235.8	243.3
Saskatchewan	82	11,050	439	362	248	264	255	235.8	242.3	251.3	255.9
Canora	1	10,716	413	360	241	244	252	225.3	225.0	242.0	245.7
Prince Albert/Melfort	3	9,824	347	320	224	214	230	224.3	224.8	217.8	222.3
Regina	14	11,632	447	375	258	268	262	238.4	245.2	252.5	262.4
Saskatoon	9	10,507	435	350	242	261	249	235.2	244.2	248.3	250.9
Saskatoon East	22	10,907	436	357	245	264	252	242.3	248.9	258.2	253.5
Saskatoon West	11	10,928	445	363	248	272	259	232.0	237.1	250.0	259.6
Swift Current	17	11,269	450	371	253	273	262	233.8	242.7	253.5	262.4
Weyburn	5	11,353	440	370	244	255	251	231.3	230.5	243.2	249.9
Manitoba	160	10,373	406	336	234	244	237	221.8	226.9	234.1	238.1
Central	48	10,608	410	343	238	246	241	227.5	231.5	238.0	241.5
Eastern	73	10,344	408	334	233	245	235	220.3	227.7	234.0	238.0
Interlake	27	10,460	411	336	231	244	233	213.6	216.0	228.7	236.1
South West	12	9,415	376	321	229	226	235	228.6	230.3	230.2	230.0



# Hhhh

Limited Time Gift Card Offer bovikalc.ca

## UP TO 78% OF DAIRY COWS<sup>1</sup> LIVE IN SILENCE WITH SUBCLINICAL HYPOCALCEMIA (SH) AFTER CALVING.

#### BOVIKALC<sup>®</sup> BOOSTS CALCIUM LEVELS WHEN THEY NEED IT MOST TO SUPPORT YOUR WHOLE HERD'S MILK PRODUCTION.

SH is associated with increased risk of post-partum diseases like ketosis, LDAs and metritis, and with reduced reproductive performance.<sup>1,2</sup>

Bovikalc's unique bolus formulation provides fast and extended support of your cows' blood calcium levels. Just 2 boluses, 12 hours apart, maintains blood calcium levels in fresh cows.<sup>3</sup>



**1.**Rodriguez et al. 2017 Associations between subclinical hypocalcemia and post parturient diseases in dairy cows. J. Dairy Sci 100:7427-34 **2.**Caixeta et al. 2017 Association between subclinical hypocalcemia in the first 3 days of lactation and reproductive performance of dairy cows. Theriogenology; 94:1-7 **3.**Bovikalc label



Bovikalc<sup>e</sup> is a registered trademark of Boehringer Ingelheim Vetmedica GmbH, used under license. ©2020 Boehringer Ingelheim Animal Health Canada Inc. All rights reserved.

bovikalc.ca

#### DEMOGRAPHICS

		Her	d Size		Ηοι	ising	Freq	uency	Debetie		
	0-49	50-99	100-199	200+	Tie Stall	Free Stall	2×	3×	KODOTIC		
British Columbia											
Number of Herds	25	65	101	73	8	256	182	31	51		
Percent of Herds	9.5	24.6	38.3	27.7	3	97	68.9	11.7	19.3		
Percent of Cows	1.8	9.5	27.6	61.0	1.1	98.9	56.5	26.6	16.8		
Average Herd Size	37.2	75.1	140.5	429.3	69.1	198.4	159.5	440.8	169.6		
Average 305 Milk	9,384	9,977	10,574	10,759	8,759	10,416	9,910	11,293	11,429		
Average 305 Fat	390	410	435	434	354	427	408	459	463		
Average 305 Protein	312	330	348	351	291	342	327	369	373		
BCA Milk	224	232	244	242	212	239	229	259	260		
BCA Fat	235	246	263	262	213	257	245	278	279		
BCA Protein	228	237	249	248	213	244	234	263	264		
Average SCC	211	186	184	205	389	186	191	197	196		
Alberta											
Number of Herds	9	81	181	74	20	325	247	40	58		
Percent of Herds	2.6	23.5	52.5	21.4	5.8	94.2	71.6	11.6	16.8		
Percent of Cows	0.6	10.9	44.3	44.3	3	97	64.6	21.6	13.9		
Average Herd Size	35.9	76.8	139.7	341.5	85.1	170.5	149.3	307.9	136.5		
Average 305 Milk	9,165	10,369	10,708	10,875	9,943	10,666	10,362	11,853	10,894		
Average 305 Fat	357	414	431	435	388	428	417	472	431		
Average 305 Protein	304	337	346	351	323	345	336	378	355		
BCA Milk	212	234	241	247	222	241	233	269	248		
BCA Fat	216	247	260	264	231	258	251	286	260		
BCA Protein	219	237	243	250	226	244	236	268	251		
Average SCC	175	216	216	230	210	219	214	215	237		

			DEM	OGRAPH	IICS				
		Her	d Size		Hou	ısing	Freq	uency	
	0-49	50-99	100-199	200+	Tie Stall	Free Stall	2×	3×	Robotic
Saskatchewan	I	I	I	I	I	1	I	1	
Number of Herds	2	16	38	26	8	74	52	14	16
Percent of Herds	2.4	19.5	46.3	31.7	9.8	90.2	63.4	17.1	19.5
Percent of Cows	0.5	7.7	31.0	60.9	4.9	95.1	46.6	40.4	13
Average Herd Size	40.0	82.4	139.9	401.5	104.1	220.5	153.6	495.1	139.4
Average 305 Milk	9,436	11,188	11,243	10,807	11,595	10,991	10,737	11,562	11,620
Average 305 Fat	367	448	445	429	465	436	430	460	449
Average 305 Protein	298	370	369	353	379	361	352	377	385
BCA Milk	203	253	251	244	264	246	241	261	260
BCA Fat	212	268	268	261	276	263	258	280	271
BCA Protein	202	261	259	251	267	254	247	267	271
Average SCC	124	192	201	252	160	219	198	255	227
Manitoba									
Number of Herds	6	68	57	29	38	119	89	25	46
Percent of Herds	3.8	42.5	35.6	18.1	23.8	74.4	55.6	15.6	28.8
Percent of Cows	0.7	17.4	27.2	54.7	11.6	87	42.8	31.6	25.6
Average Herd Size	32.7	72.2	134.2	531.2	86.2	205.9	135.4	355.8	157
Average 305 Milk	9,396	10,324	10,526	10,390	10,453	10,345	9,844	11,454	10,810
Average 305 Fat	386	400	413	413	411	405	391	446	415
Average 305 Protein	307	335	341	336	337	336	322	361	351
BCA Milk	207	233	236	238	232	235	222	257	245
BCA Fat	226	239	247	252	243	245	233	269	251
BCA Protein	210	235	239	241	234	238	226	254	248
Average SCC	268	222	264	255	243	247	250	235	241

2019 MAI	NAGE	MEN	r cen	TRE B	BNCH	HMAR	KS (A)	l wester	n Lacta	net her	ds base	d on he	rd avera	iges)		
	BRIT	LISH C		BIA		ALBE	RTA		SAS	SKATC	HEW	NA		MANI	TOBA	
MANAGEMENT CENTRE	25th	50th	75th	90th	25th	50th	75th	90th	25th	50th	75th	90th	25th	50th	75th	90th
Number of Cows	83	129	215	359	93	130	181	313	102	137	204	278	72	106	156	309
Standard Milk (Kgs)	34.6	37.8	40.9	43.5	35.8	38.9	41.7	44.0	37.6	40.4	42.9	45.2	33.5	37.8	41.1	45.0
Annual Milk Value (\$)	7,054	7,890	8,623	9,242	6,972	7,755	8,370	8,989	7,219	7,843	8,587	8,971	6,081	7,254	8,266	8,858
Udder Health (Linear Score)	2.6	2.3	1.9	1.7	2.8	2.5	2.2	2.0	2.6	2.4	2.1	2.0	3.0	2.7	2.4	2.1
Age at 1st Calving (Months)	26.1	24.9	24.1	23,4	25.8	24.8	24.0	23.2	25.8	24.7	23.8	23.2	27.3	25.6	24.6	23.5
Calving Interval (Months)	14.3	13.7	13.2	12.9	14.0	13.4	13.0	12.7	14.4	13.7	13.2	12.9	14.6	13.8	13.2	12.9
% of herd in 3+ Lactation	31.1	35.4	40.0	46.1	30.1	34.8	38.4	42.2	30.2	34.6	39.2	41.7	29.7	34.9	40.2	44.4
Efficiency (% of herd in milk)	85.5	87.4	88.8	89.9	82.5	84.8	87.3	89.0	79.7	84.7	86.6	88.3	79.3	84.4	87.3	89.9
Turnover (% of herd removed)	47.0	38.9	32.5	26.2	45.5	38.2	31.4	27.4	44.3	37.3	30.0	23.6	44.1	37.5	30.0	22.0
Days Dry	72	64	57	52	79	69	61	53	87	74	62	58	92	73	61	56
Days to 1st Breeding	105	91	83	76	96	84	75	70	100	87	17	74	102	86	75	71

HOW PERCENTILES WORK: If all the herds (animals could be substituted for herds) were arranged in order from lowest to highest, the 75th percentile would be the value of the herd that is better than 75% of all the other herds. The 99th percentile value is that which is better than 99% of all the other herds.

	D	ISPOS	AL RE	ASON	S				DISTRIBUTIO	N (all)
					0.1.1				Cows	Herds
Keason	British (	Columbia	Alb	erta	Saskato	chewan	Man	itoba	0-19	4
	0 707	050/	0.050	000/		000/	4 075	0.497	20-29	3
Reproductive	2,707	25%	3,052	26%	699	23%	1,375	24%	30-39	16
Mostitie /Illigh SCC	1000	100/	1005	100/	400	100/	1050	100/	40-49	19
Mastilis/ High SCC	1,929	18%	1,805	10%	490	10%	1,050	18%	50-59	37
Low Milk Production	16/2	150/	2 07/	100/	366	120/	1 079	10%	60-69	53
	1,042	1370	2,074	1070	300	12.70	1,070	1970	70-79	44
Feet & Lea Problems	1504	14%	1298	11%	254	8%	612	11%	80-89	50
r cet e Leg r fobients	1,504	1470	1,230	1170	204	070	012	1170	90-99	46
Udder Breakdown	893	8%	1.325	11%	339	11%	651 11%		100-109	54
	000	0,0	1,020	1170	000	1170	001	1170	110-119	51
Sickness	846	8%	892	8%	480	16%	419	7%	120-129	60
									130-139	39
Injury/Accident	622	6%	465	4%	206	7%	249	4%	140-149	46
									150-159	42
Old Age	390	4%	463	4%	146	5%	219	4%	160-169	28
									170-179	17
Bad Temperament	166	2%	149	1%	34	1%	97	2%	180-189	21
									190-199	19
Exported	124	1%	183	2%	43	1%	28	0%	200+	202

# We finance

the **PEOPLE** the **DREAMS** the **FUTURE** 

of Canadian ag



fcc.ca 1-800-387-3232

	BRITISH CO	LUMBIA P	UBLIS	<b>SHA</b>	BLE	HER	D LI	STINC	<b>as</b>					
F	0	014		BC/	Ą		rds	005 M		Fa	at	Pro	tein	ed
Farm	Uwner	City	Average	М	F	Р	Reco	305 M		Kg	%	Kg	%	Bre
Triwest Farms	Vic & Terry Triemstra	Chilliwack	325.7	312	356	309	113	13,616	*	578	4.2%	431	3.2%	Н
Willswikk Holsteins	William Wikkerink	Mill Bay	316.3	294	350	305	52	13,332	R	586	4.4%	437	3.3%	Η
Tonesa Holsteins Ltd	Glenn De Groot	Chilliwack	316.0	297	343	308	122	13,191	*	564	4.3%	435	3.3%	Н
Wisselview Farms	Wayne & Judy Wisselink	Pitt Meadows	311.7	305	318	312	158	14,004	*	542	3.9%	456	3.3%	Η
Dale Farm	Robert Dale	Mission	311.0	310	306	317	93	9,107	R	488	5.4%	353	3.9%	J
Romyn Hill Farm Ltd	Brad & Jodi Romyn	Sorrento	308.3	290	340	295	43	12,331	R	536	4.3%	399	3.2%	Η
Westar Holsteins	Robert Matzek	Rosedale	308.0	302	320	302	69	13,462	R	530	3.9%	428	3.2%	Н
Lavender Farms Ltd	Gerrit Vaandrager	Abbotsford	307.7	297	325	301	124	13,237	R	539	4.1%	428	3.2%	Η
Hammingview Farms Ltd	Yvonne Murdoch	Pitt Meadows	303.3	302	311	297	88	13,735	*	524	3.8%	430	3.1%	Н
Kambro Farms Ltd	D, T & W Kampman	Abbotsford	301.3	292	317	295	382	11,729	*	523	4.5%	395	3.4%	H,J
Dicklands Farms	George Dick	Chilliwack	297.3	284	318	290	280	12,314	R	511	4.1%	400	3.2%	Н
Oroby Holsteins Ltd	J & C Parapini	Dewdney	297.3	296	301	295	71	13,420	R	507	3.8%	427	3.2%	Η
Valedoorn Farms Inc	Tom & John Hoogendorn	Agassiz	295.7	283	316	288	293	12,348	*	511	4.1%	400	3.2%	Η
Elmido Farms	John & Debbie Aarts	Sardis	295.0	288	311	286	517	12,472	*	501	4.0%	397	3.2%	Η
West River Farm Ltd	Grant & Eugene Sache	Rosedale	293.3	279	319	282	142	12,661	R	537	4.2%	407	3.2%	Η
B & L Farms Ltd	Matt Dykshoorn	Abbotsford	293.3	296	297	287	38	13,799	R	513	3.7%	425	3.1%	Η
Fraser Edge	Sid Stoker	Deroche	291.0	287	301	285	142	12,892	R	501	3.9%	407	3.2%	Η
Kish Farms Ltd	Darren Kish	Abbotsford	290.0	270	322	278	70	12,007		534	4.4%	393	3.3%	H,J
Hamming Holsteins Ltd	Walter & Peggy Hamming	Vernon	289.3	274	311	283	158	12,392		529	4.3%	409	3.3%	H,J
Shadow Ridge Dairy	Kevin Mammel	Agassiz	289.3	278	306	284	139	11,898	*	486	4.1%	387	3.3%	Н

	ALBE		SHAB	LE	IER	DLI	STIN	GS						
Form	Owpor	City		BC	CA		ords	205 M		Fa	at	Pro	tein	ed
FdIII	Owner	City	Average	М	F	Р	Reco	303 M		Kg	%	Kg	%	Bre
Mars Dairy	Gert & Sonja Schrijver	Stettler	335.0	324	358	323	250	14,336	*	588	4.1%	455	3.2%	Н
Aspenridge Farms Ltd	Dick & Steve Tenhove	Blackfalds	322.7	309	353	306	46	13,662		579	4.2%	431	3.2%	Н
Cawithca Dairy	R & K Veldkamp	Fenn	320.0	295	355	310	51	13,450	*	598	4.4%	446	3.3%	Н
New Mars Dairy Ltd	Henk & Lizette Schrijver	Millet	318.3	310	336	309	323	13,964	*	563	4.0%	444	3.2%	Н
Chubanna Holsteins	-	Lacombe	315.0	298	339	308	83	13,399	R	564	4.2%	440	3.3%	Н
Thornspyc Dairy	Wim Van De Brake	Lacombe	313.0	305	339	295	159	13,516	*	562	4.2%	418	3.1%	H,J
Nifera Holsteins	-	Nobleford	311.7	301	330	304	93	13,652	R	554	4.1%	438	3.2%	Н
De Wildt Dairy	Kees De Wildt	Barrhead	306.3	293	328	298	91	13,028		540	4.1%	421	3.2%	Н
Klooster Farming Co	-	Rocky Mtn House	303.7	293	322	296	68	13,013		529	4.1%	418	3.2%	Н
Houweling Farms Ltd	Pete Houweling	Coaldale	300.7	285	337	280	427	12,685	*	557	4.4%	397	3.1%	Н
Lucky Hill Dairy	-	Lacombe	299.7	289	326	284	206	12,981	*	546	4.2%	405	3.1%	Н
New Rockport Colony	Simon Waldner	New Dayton	298.0	288	316	290	107	12,739		519	4.1%	409	3.2%	Н
Sylvanside Dairy Ltd	S & M Dijkstra	Ponoka	290.7	279	318	275	150	12,427		524	4.2%	391	3.1%	Н
Couleeview Farms	Gerrit Haarman	Shaughnessy	290.3	283	309	279	234	12,707	*	515	4.1%	399	3.1%	Н
Tom Waldner	Wild Rose Colony	Vulcan	289.0	290	286	291	105	12,831	R	468	3.6%	410	3.2%	Н
Janna Dairy Ltd	John & Shanna Hulsmar	n Ponoka	288.0	282	301	281	201	12,702	*	504	4.0%	404	3.2%	Н
Roselane Holsteins	Wim Ruysch	Leduc County	287.3	285	291	286	59	12,831		491	3.8%	412	3.2%	H,B,J
Breevliet Ltd	J De Goeij	Wetaskiwin	286.3	281	297	281	459	12,314	*	481	3.9%	392	3.2%	Н
Van Der Kooij Dairy	Bas Van Der Kooij	Nobleford	285.0	273	306	276	135	12,260		509	4.2%	395	3.2%	Н
Buit Dairies Ltd	Russ & Judi Buit	Bentley	285.0	285	285	285	76	12,705	R	472	3.7%	405	3.2%	Н

29

	SASKATCHE	WAN PU	BLISH	ABL	E H	ERD	LIST	INGS	5					
Forme	Quiner	Cit.		BC	A		rds	205 M		Fa	ət	Pro	tein	ed
Farm	Uwner	City	Average	М	F	Р	Reco	305 M		Kg	%	Kg	%	Bre
Rayner Dairy, U Of Sask	-	Saskatoon	315.3	308	320	318	109	13,268	*	511	3.9%	436	3.3%	Η
Elkrest Farms	B, J & T Kornelius	Osler	313.7	307	323	311	683	13,426	*	528	3.9%	435	3.2%	H,J
Robella Holsteins	Reg & Juliann Lindenbach	Balgonie	300.0	292	316	292	78	13,139		527	4.0%	418	3.2%	Η
Sierra Colony Farms Ltd	-	Shaunavon	296.3	285	310	294	77	12,511	R	505	4.0%	412	3.3%	Η
Benbie Holsteins	Neil Crosbie	Caron	294.3	278	320	285	141	12,429	*	531	4.3%	407	3.3%	H,J
Pennant Colony	Dan Wipf	Pennant	292.3	281	302	294	84	12,397	R	498	4.0%	415	3.3%	Η
Alley Holsteins	Albert Leyenhorst	Dalmeny	286.7	284	289	287	185	13,006	*	492	3.8%	418	3.2%	H,J
Broyhill Holsteins	B, L & A Lindenbach	Balgonie	285.0	285	287	283	112	12,980	R	482	3.7%	409	3.2%	Η
Kenbert Acres	Ken, Ryan Friesen	Drake	280.7	277	281	284	99	12,308		467	3.8%	403	3.3%	H,J
Kessel Family Farm	Raymond Kessel	Balgonie	279.3	279	281	278	123	12,627		471	3.7%	400	3.2%	Η
Vandenbrink Dairy Farms	Henk Van Den Brink	Saskatoon	277.7	263	298	272	202	11,652	R	491	4.2%	383	3.3%	Η
Quill Lake Colony	Robert Tschetter	Quill Lake	277.7	262	303	268	99	11,622		496	4.3%	379	3.3%	Η
C & D Vaandrager	-	Langham	275.0	264	286	275	84	11,708		472	4.0%	389	3.3%	H,J
Dalvoorde Dairies Ltd	Jason Wildeboer	Warman	273.7	262	291	268	130	11,975	*	492	4.1%	389	3.2%	Η
Star City Colony	Ruben Tschetter	Star City	273.0	267	275	277	159	11,368	R	434	3.8%	377	3.3%	Η
Hyljon Holsteins	John & Susan Hylkema	Hague	271.7	263	289	263	362	11,353	*	465	4.1%	363	3.2%	Η
Vinoridge Farm	Kevin & Robert Coghill	Mclean	268.3	265	276	264	171	12,077		464	3.8%	382	3.2%	Η
Smiley Hutterite Colony	Leonard Kleinsasser	Smiley	268.3	257	277	271	114	11,599	R	464	4.0%	388	3.3%	Η
Milden Colony Dairy	Steven Mandel	Milden	267.7	264	273	266	80	11,326		435	3.8%	364	3.2%	Н
Ell's Dairy Farm Ltd	Gordie Ell	Kronau	267.0	258	271	272	151	11,428		444	3.9%	384	3.4%	Н

	MANITOE		SHAE	ILE I	HER	D LIS	STIN	GS						
Form	Ownor	City		BC	CA		rds	205 M		Fa	at	Pro	tein	ed
Farm	Owner	City	Average	М	F	Р	Reco	305 W		Kg	%	Kg	%	Bre
Hueging Dairies	Hermann & Curtis Hueging	Woodlands	317.7	316	330	307	113	14,723	*	568	3.9%	453	3.1%	Н
Grateful Dairy	Inge & Tim Meinen	Landmark	313.0	314	311	314	38	14,355	*	526	3.7%	458	3.2%	Н
Holmestead Dairy	Russ & Crystal Holme	Anola	309.7	308	321	300	87	13,384	R	520	3.9%	416	3.1%	Н
Current Holsteins	Darren & Allison Hueging	Woodlands	309.0	299	331	297	74	14,305		584	4.1%	449	3.1%	Н
Isaac Dairy Ltd	Brent & Victoria Isaac	Kleefeld	306.7	299	337	284	82	13,247	*	553	4.2%	401	3.0%	Н
Readore Farms	Rheal Simon	Notre Dame	304.7	295	317	302	106	13,093		521	4.0%	426	3.3%	Н
Tri Lea Farm	Richard Boonstoppel	Grunthal	296.7	289	306	295	79	12,831	R	504	3.9%	417	3.2%	Н
Plemark Holsteins	Matt & Tanya Plett	Blumenort	295.0	288	322	275	67	13,019	*	543	4.2%	396	3.0%	H,J
Dueck Holsteins	Jeremy Dueck	St Anne	291.0	288	296	289	45	12,717	R	483	3.8%	406	3.2%	Н
Friecrest Holsteins	Ed & Kathy Friesen	Kleefeld	288.3	278	306	281	88	12,444		507	4.1%	400	3.2%	Н
University of MB, Glenlea	Tracy Gilson	Winnipeg	287.3	283	297	282	46	12,446	R	485	3.9%	395	3.2%	Н
James Valley Colony	Tim Wurtz	Elie	286.7	277	300	283	72	13,139		525	4.0%	425	3.2%	Н
Fehr Farm	Jakob, Ana & Andreas Fehr	La Broquerie	284.7	280	295	279	176	12,619	R	493	3.9%	401	3.2%	Н
Sturgeon Creek Colony	Samuel Waldner	Headingley	283.0	286	294	269	64	12,454	*	475	3.8%	375	3.0%	Н
Columbine Holsteins	Jacob & Annita Benthem	Elm Creek	282.7	266	298	284	112	12,140	R	503	4.1%	412	3.4%	Н
Lifewind Holsteins	Christophe Roulin	Stonewall	281.7	271	305	269	98	12,348	*	516	4.2%	391	3.2%	Н
Muller Farms	Richard Muller	Notre Dame	281.0	284	276	283	94	12,832	R	464	3.6%	407	3.2%	Н
Candyview Farms	Janssens Family	Kleefeld	280.3	278	280	283	84	12,399	*	463	3.7%	402	3.2%	Н
Mason Farms Ltd	Darcy & Lanna Mason	Oak Point	277.7	279	274	280	55	12,780	R	464	3.6%	408	3.2%	Н
Labass Holsteins Ltd	Jan & Tracy Bassa	La Broquerie	276.3	264	296	269	475	11,512	*	477	4.1%	373	3.2%	Н

# 2019 AT A GLANCE



Lactanet

# NEW & IMPROVED TOOLS!

# DairyComp

Launched in 2019 Major upgrade and mobile friendly version of our best herd management software product. Free workshops available in select locations.

# **Compass**

*Launched in 2019* A free application tool developed with Holstein Canada integrating genetics and herd management.

# eDHI

*Launched in 2020* Milk recording for select automated systems and on-farm technologies.

# Udder Health Report

Launched in 2020 Complements existing SCC reports with additional insight to control Mastitis and implement selective dry cow therapy.

# **PROFILab**

Launching in Quebec in 2020

Bulk tank fatty acid profiles from routine milk testing identifies nutritional imbalances in the herd and monitors rumen health function.

## WESTERN CANADA'S LEADER IN GENETICS & REPRODUCTION



# 

#### 76 YEARS OF EXCELLENCE • FARMER OWNED AND FARMER DIRECTED

#### **Contact Your Genetic Advisor**

BC	AB	MB	SK
1. Greg Hessels	4. Erin Rey	9. Darrel Barkman	8. lan Hodges
West Fraser Valley/Island.	Central Alberta	South/East Manitoba	Saskatchewan
604.626.8748	403.704.0243	204.346.2719	306.260.0330
			4 (g. 1.) (G. 1.)
2. a) Chris Maher	5. Bryan Cruickshank	10. Stephane Robidoux	and the second secon
East Fraser Valley	North Alberta	Central Manitoba	Paul Meyer
604.626.7396	780.233.4084	204.770.6639	Sales Manager
			778.227.0360
2. b) Phil Hemphill	6. Lars Iversen	H. Ben Loeppky	ne
- East Fraser Valley	Central/Northern Alberta	South/Central Manitoba	Michael Haambuckers
604.302.2063	403.597.1148	204.750.1498	Genetic Solutions Leader
			250.308.8610
3. Duncan Kennedy	7. John Muller		
BC Interior	South Alberta		and the second
250.463.2052	403.394.8530		
NO.			
tel 604.426.1944   to	free 1.800.563.5603   f	ax 604.425.1876   www.w	estgen.com
	1.2	· · · · · · · · · · · · · · · · · · ·	

# CowManager

Monitoring the health, fertility and nutritional status of your cows with impressive accuracy.



# The benefits of CowManager®

- ⊗ 24/7 eye on your herd
- ♂ The most accurate product on the market
- Save labor and ensure a sustainable herd
- Simply use the ear tag sensor
- ✓ Fantastic 24/7 support at your disposal



CowManager is available through



YOUR SUCCESS Jur Passion.