



Lactanet Business Update

Rapport des activités de Lactanet

Neil Petreny



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AGENDA / ORDRE DU JOUR

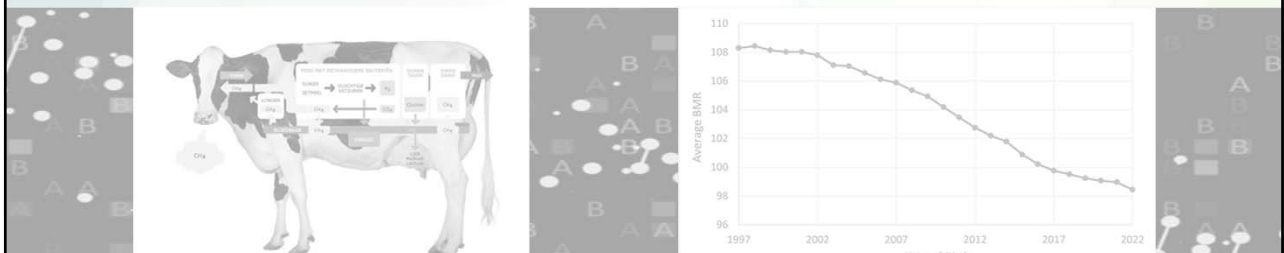
- Business Highlights
- Looking Down the Road
- Sustainability
- Recognition
- Faits marquants des activités
- Un regard vers l'avenir
- Durabilité
- Reconnaissance



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2023 Highlights / Faits marquants 2023

- Record Publication & Sensors • Publication des relevés et capteurs
- 280 Day Lactation BCA's • MCR de 280 jours de lactation
- Cow Ranking by Income • Classement des vaches par revenu
- Genetic Tools – ME and BMR • Outils génétiques - EM et BMC



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Robots / Robots

- 1,031 Herds (18%) • 1 031 troupeaux (18 %)
- 130,500 cows (22%) • 130 500 vaches (22 %)
- 127 average cows/herd • 127 vaches/troupeau en moyenne
- 13% PEI to 48% in MB • 13 % à l'Î.-P.-É. à 48 % au Manitoba



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eDHI

- **145 herds with 24,500 cows**
- **~170 cows** per herd
- Robots and parlours
- **83%** with component sensors

CLé

- **145 troupeaux avec 24 500 vaches**
- **~170 vaches** par troupeau
- Robots et salles de traite
- **83 %** avec capteurs de composants



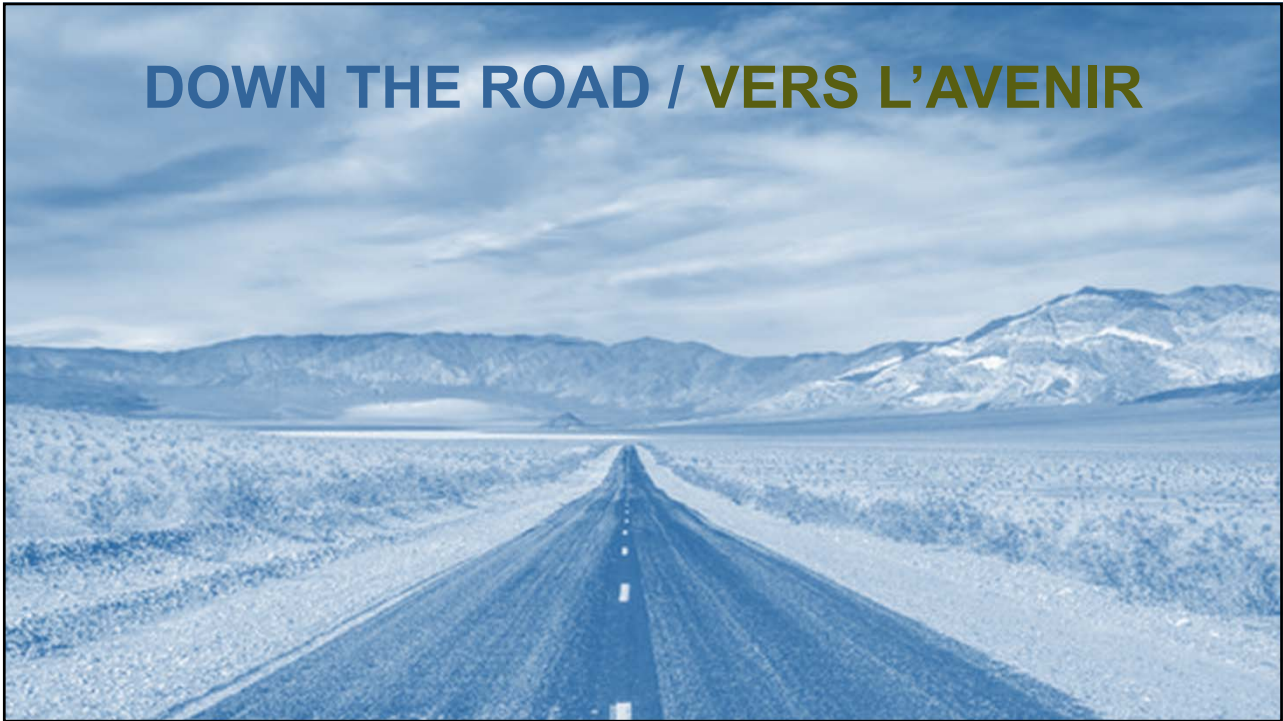
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Our Business / Nos activités

- Genetic Evaluations
- Milk Recording
- Herd Management Software
- Advisory Services
- Payment & Quality Testing
- DairyTrace
- proAction Validations
- Évaluations génétiques
- Contrôle laitier
- Logiciel de gestion de troupeau
- Services de conseil
- Tests de paiement et de qualité
- TracéLaitier
- Validations proAction



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iDDEN

Data Connections / Connexions de données



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iDDEN

Data Connections / Connexions de données

- Real time connections
- Farm or Cloud
- 2-way data exchange
- Farm Authorized
- Version specific
- International standards
- Connexions en temps réel
- Ferme ou nuage
- Échange de données dans les deux sens
- Autorisé par la ferme
- Spécifique à une version
- Normes internationales



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Sustainability / Durabilité



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Sustainability / Durabilité

- Sustainable Operations Policy
- Sustainability Strategy
- Sustainability Toolbox
- Politique d'exploitation durable
- Stratégie de durabilité
- Boîte à outils de durabilité



Sustainable Operations Policy

2023

Sustainability Policy Definition:

Sustainability is a business strategy that drives long-term corporate growth and profitability by mandating the inclusion of environmental and social issues in the business model. Lactanet believes that we have a responsibility to help create a sustainable future and make our world a better place. We look to exhibit responsible behaviour in everything we do, as well as engaging with our stakeholders to have a positive impact in the places where we live and work. We recognise that preserving the trust and confidence of our customers, industry and the public is critical to our sustained success. That is why we desire to create a culture committed to doing the right thing for our customers, our employees and the environment. Our sustainability strategy supports this vision to do the right thing to create a more sustainable future for everyone.

For Lactanet, sustainability is the conscious and proactive use of processes that do not lead to the harm of people, planet, or profit whilst leaving a positive impact. The processes used to achieve sustainability must be reliable, replicable, and measurable; any outcomes must be supported by outside scrutiny. Sustainability covers three periods: rectifying past mistakes; reducing or eliminating current problems; and, building legacies for future generations.



LACTANET SUSTAINABILITY STRATEGY

2023

Lactanet is committed to supporting the Canadian dairy industry efforts to achieve a Netzero 2050 objective of carbon neutrality. As part of our contributions, we have identified a number of key initiatives and targets related to both products and services for the dairy industry as well as initiatives to reduce the carbon footprint of our own business operations. This Sustainability Strategy is intended to outline our key initial areas of focus in this global effort. The initiatives are presented within each of our 5 pillars of our strategic plan.

Strategic Pillar 1: Product and Service Excellence

1.1 Enhance our Herd Sustainability Index to increase focus on environmental impact

Since the development of the Herd Sustainability Index, new industry orientations (e.g. focus on net-zero GHG) and new tools (e.g. methane efficiency genetic evaluations) have emerged, providing the opportunity to enhance our Herd sustainability index to align with this new context.

1.2 Introduce a sustainability genetic index and incorporate into national selection indices

Recently, Lactanet has released novel breeding values related to environmental efficiency and sustainability. In April 2023, Lactanet released the Methane Efficiency (ME) Relative Breeding Value (RBV) and Body Maintenance RBV (BMR). Previously released traits also include Feed Efficiency (FE) RBV in 2021. Our goal is to develop a sub-index that includes the three above traits.

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Sustainability / Durabilité

- eDHI – virtual service
- Sustainability Report
- Selective Dry Cow Therapy
- ProfiLab
- MUN
- Genetic Traits
 - Feed Efficiency
 - Methane Efficiency
 - Body Maint. Resilience
- CLé - service virtuel
- Rapport de durabilité
- Thérapie sélective des vaches tarées
- ProfiLab
- MUN
- Caractères génétiques
 - Efficience alimentaire
 - Efficience du méthane
 - Besoins de maintenance corporelle



Lactanet

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Sustainability / Durabilité

- Sustainable Operations Policy
- Sustainability Strategy
- Sustainability Toolbox
- Sustainability Advantage - FCC
- Recognizing Genetics
- IDF Innovation Awards Finalist
- Politique d'exploitation durable
- Stratégie de durabilité
- Boîte à outils de durabilité
- Avantage de la durabilité - FAC
- Reconnaître la génétique
- Finaliste du Prix de l'innovation de la FIL



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Recognition / Reconnaissance

Dairy Cattle Improvement Industry Distinction Award

Prix de distinction de l'industrie de l'amélioration des bovins laitiers

- 2008 - Doug Blair & Robert Chicoine
- 2009 - Dr. Gordon Atkins
- 2010 - Dr. Jacques Chesnais
- 2011 - Dr. Larry Schaeffer
- 2013 - Tom Byers
- 2015 - Wayne Dickieson
- 2016 - Dr. Réjean Bouchard
- 2017 - Russell Gammon
- 2018 - Dr. Robert Moore
- 2019 - Bonnie Cooper



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2023

Dairy Cattle Improvement Industry Distinction Award

Prix de distinction de l'industrie de l'amélioration des bovins laitiers



Pierre Laliberté
CIAQ / Semex



Dr. David Kelton
University of Guelph



Brian Van Doormaal
CDN / Lactanet



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CLOSING COMMENTS / COMMENTAIRES DE CLÔTURE

1. Adaptation/Innovation

- *Changing needs – changing services*

2. Supporting Sustainability

- *Economic & Environment*
- *Tools: genetic & herd management*

3. Positioning for the Future

- *Data Connections*

4. Collaborations & Partnerships

- *nationally & international*

1. Adaptation/innovation

- *Évolution des besoins - évolution des services*

2. Soutenir la durabilité

- *Économie et environnement*
- *Outils : génétique et gestion de troupeau*

3. Se positionner pour l'avenir

- *Connexions de données*

4. Collaborations et partenariats

- *Au niveau national et international*



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