Lance Van Sluys
LANCE@VANSLUYSDAIRY.CA
403 892 8891

Clint Van Sluys
CLINT@VANSLUYSDAIRY.CA
403 382 0664

Emily Cunningham
EMILY@VANSLUYSDAIRY.CA
289 924 0433

September1st 2024

Ken Barwegen
KEN_BARWEGEN@VANSLUYSDAIRY.CA
403 393 9550

Joel Maljaars
JOEL@VANSLUYSDAIRY.CA
587 394 5241

146 Broxburn Bvld.
Lethbridge AB

Visit our website: Vansluysdairy.ca

TOP NEWS OF THE MONTH

Customer Appreciation!

>>> We are not able to do it without you!

Thank you to all those that were able to make it out to our Customer Appreciation Day on August 14th at Pavan park! So many great prizes were won and some delicious burgers were ate! We are not able to do this without you! Make sure to put a reminder in your calendar's for next year!

Gut Health=Animal Health

Rumen Care is a cost effective supplement which contains live yeast cells, a pre and probiotic with trace minerals to enhance gut microbiota and rumen pH levels. Helps address oxidative and heat stress! **Rumen Care** optimizes the digestibility of all types of forages and protects the rumen from molds, toxins and aids to prevent diseases!

<<< Trust the Gut: Rumen Care

Find the Promo code on the website!

ON THE CALENDAR:

- **Oct 29- Producer Meeting (Leth.)**
- **NOV 21-22- Alberta Milk AGM**

LOWER-BURP COWS TO BE BRED WITH WORLD-LEADING METHODS BASED ON U OF G RESEARCH

Lower-burp cows to be bred with world-leading methods based on U of G Research. U of G News. (2023, June 12). https://news.uoguelph.ca/2023/06/lower-burp-cows-to-be-bred-with-world-leading-methods-based-on-u-of-g-research/

A new national genetic evaluation tool from the University of Guelph aims to reduce greenhouse gas emissions from burping livestock by selecting low-methane dairy cows. The tool estimates methane production from approximately 700,000 registered dairy cows in Canada, allowing breeders to predict which cows will produce calves with reduced greenhouse gas emissions.

METHANE EFFICIENCY USED IN CATTLE BREEDING A WORLD FIRST

Canada is the first country to introduce a national genetic evaluation for methane emissions, a genetic trait that allows cows to emit less CO2. This move is seen as a win-win for food security and the environment, as it helps select the most environmentally efficient animals for breeding purposes. Methane efficiency is a world-first addition to dozens of genetic traits used in selecting cattle for breeding, and is now part of genetic evaluations maintained by Lactanet Canada. Other nations are also working to include methane efficiency in breeding values for dairy cows.

TECHNOLOGY BASED ON GROUNDBREAKING U OF G RESEARCH

Researchers at the University of Guelph's Centre for Genetic Improvement of Livestock have developed a new methane efficiency measure using milk mid-infrared reflectance spectroscopy (MIRS). The technology measures the absorption of infrared light in milk samples from almost 200 cows, including fats and proteins. The study found that MIRS data could predict methane emissions, allowing farmers to identify which animals to breed for lower emissions. Combining this measure with genetic traits for feed efficiency will enable more sustainable dairy operations. The global livestock industry accounts for 14% of anthropogenic greenhouse gas emissions.

INTRESTED IN MORE?

https://dairyatguelph.ca/wp-content/uploads/2022/06/Research_KTT_Schenkel_Genome.pdf

A dairy cow using a GreenFeed machine to have her emissions tracked while eating. PHOTO: KERRY HOULAHAN