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TOP NEWS OF THE MONTH

Welcome Onboard, Carol!



Ladies and gentlemen, please join us in welcoming Carol Siemens to the Legacy Team! From her extensive schooling in Brazil where she earned her MSc and BSc in Animal science and nutrition to on-farm experience working on feedlots and dairy operations!

We are excited to have Carol part of the nutrition team!

What is the importance of good hoof health?



Lameness in dairy cows is a common misconception, with an industry average of 25-30%. Sullivan emphasizes the importance of recordkeeping, technology, and working with other consultants to reduce incidence rates. He ranked footbaths as a high priority, with copper sulphate or formalin-based products being preferred. He also stressed the importance of treating lame cows quickly, with one person as the first responder. To ensure a smooth trim day, Sullivan recommends having a dedicated space for hoof trimming, a user-friendly chute, an efficient place for trimmers, and a simple route to the chute. He also suggests using a low-maintenance chute, creating an efficient place for trimmers, and ensuring the route is easy to navigate and near the herd.

<https://www.agproud.com/articles/60837-tips-from-an-expert-how-to-improve-hoof-health-on-your-dairy>

Upcoming Events:

Lethbridge Ag Expo:

Feb 26-Mar 1

Dairy Seminar:

Mar 4-Mar 7

Metritis- How to manage it

<https://www.agproud.com/articles/60739-managing-metritis-in-dairy-cows>

Metritis in dairy cows is a disease caused by bacterial infections that impacts milk yield and fertility. It requires timely antibiotic treatment and ongoing research to refine protocols for better outcomes and reduced economic losses. The uterus of dairy cows has a normal population of bacteria, and most have potentially disease-causing bacteria in their reproductive tract in low abundance. Cows develop uterine infection and disease when the pathogens overgrow and become dominant.



FOLLOW YOUR NOSE

Metritis is a clinical disease that happens when bacterial pathogens gain the upper hand against the cow's immune system. Metritis stinks – literally. It stinks when it's happening because the anaerobic bacteria produce the characteristic fetid or foul smell of the discharge. Metritis also stinks because it causes long-term impairment of both milk yield and fertility.

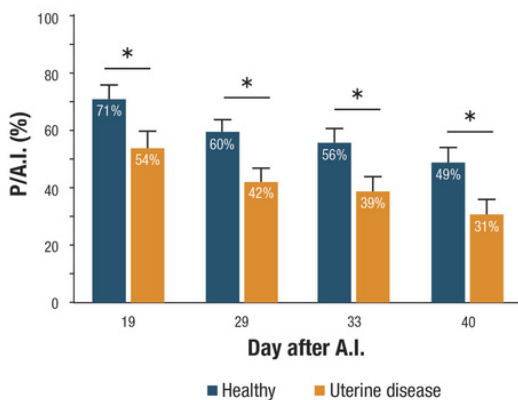
MANAGING & TREATMENT

Metritis, caused by bacteria, is a common issue in dairy cattle, with treatment often causing fetid discharge. Despite treatment, 25% to 30% of cows still experience this discharge, which can negatively impact future performance. A study from the University of Florida found that metritis costs approximately \$500 per case, driven by losses in full-lactation milk and pregnancy. However, on-label treatment with ceftiofur reduced losses due to nonpregnancy and culling by 10 percentage points, reducing the cost of the disease to \$250. The best practice is to find and treat cows with fetid discharge with approved antibiotic therapy. Researchers identified two promising variables: days in milk (DIM) at metritis diagnosis and blood haptoglobin concentration. Cows diagnosed with metritis greater than 8 DIM might also be candidates not to be treated with antibiotics. Further research is needed to confirm these findings and develop treatment protocols.

BUT IT DOESNT STOP THERE...

Metritis in cows leads to early lactation milk loss, which is not fully compensated for throughout the entire lactation. Despite successful treatment, cows with metritis are less likely to be pregnant at the end of the lactation. Postpartum uterine disease results in a double hit, with 77% pregnancy losses from day 19 to day 40.

FIGURE 1 Pregnancy after first A.I. for healthy cows versus cows who had postpartum uterine disease



Wondering what products we carry?

We carry a wide variety of products along with custom products to help you reach your goals on your operation!

SODIUM BICARB

Sodium Bicarb helps to regulate the level of pH in the rumen and prevents Rumen Acidosis.

X-ZELIT

Easy management of the transition period. It is a unique calcium binder that naturally stimulates the cow to mobilize her own calcium reserves for effective calcium balance around calving.

SELECT GH

Supports gut integrity, health and stability, Promotes good bacteria and builds defences, and can help maintain a healthy gut

BIOMOS

Derived from a selected strain of *Saccharomyces cerevisiae* yeast using a proprietary process

26% MAPLEVIEW MILK REPLACER

Sure Start is a premium milk replacer with milk-based proteins, high-quality encapsulated fats, and organic trace minerals, ideal for computerized calf feeding programs and coccidiosis control.

ACIDIFIED COPPER SULFATE

Helping to control and prevent foot rot, interdigital dermatitis and much more

18% CALF STARTER (MASH)

Giving your calves the best possible start. Using a mash allows the calf to have the feed readily available for digestion

RUMEN CARE

Made from a proprietary blend, Rumen Care is able to help protect the rumen during environmental stress, feeding changes and much more