

# Agenda

9:30 a.m. Registration opens

10:00 a.m. Welcome and opening remarks

10:15 a.m. Proper ventilation – A key to raising healthy calves



**Harold House M.Sc. P.Eng., DairyLogix**

Proper ventilation isn't the only key to raising healthy calves, but it does play a major role. In this presentation, Harold will discuss the ventilation requirements for raising healthy calves, ventilation components for natural and fan ventilation systems, and positive pressure ventilation tube systems. He will also discuss other factors that contribute to success and failure of ventilation including drainage, drafts, and bedding.

Ventilation systems and their application for individual and group housing will be presented. Harold will also talk about troubleshooting ventilation issues in calf facilities.

11:00 a.m. New concepts in preweaning and weaning nutrition



**Dr. Michael Steele, University of Guelph**

This presentation will outline the newest concepts in preweaning and weaning feeding regimens and discuss how they may be related to future health and performance. The presentation will review not only feeding levels but also feed composition and how we can design feeding programs to improve gut health, growth, and development.

11:45 a.m. Fit to ship: Insights into transport practices that promote good calf health and welfare outcomes



**Dr. Devon Wilson, University of Guelph**

Calf transportation is a hot topic with increased oversight and concern for ensuring young calves successfully reach their final destination. New research has been trying to tackle questions about what age and under what conditions calves can be successfully transported. Dr. Wilson will bring

some context to current calf transport practices across Canada and highlight new and ongoing research that aims to understand how farmers can ensure their calves are fit to ship.

12:30 p.m. Lunch

1:30 p.m. Discovering effective antimicrobial alternatives



**Aaron Keunen, Mapleview Agri Ltd.**

Through research and innovation, Truvital Animal Health is developing and validating safe and effective alternatives for use in promoting improved health and welfare for calves. Public health risks associated with antimicrobial resistance continue to increase. In this presentation, Aaron Keunen of

Truvital will speak about Lactifen. Lactifen has shown to reduce the severity and duration of diarrhea in calves, and improve weight gain following a diarrhea challenge.

1:45 p.m. Managing *Salmonella* Dublin on veal farms



**Dr. Frédéric Beaulac, Triple V Veterinary Services**

Dr. Frédéric Beaulac shares his over 10 years of experience managing *Salmonella* Dublin (S. Dublin) challenges on veal farms. Dr. Beaulac will share the kinds of clinical symptoms he usually expects calves with S. Dublin to present, how he works with producers to control an outbreak, and the steps that can be taken to help prevent further spread of the disease.

2:30 p.m. *Salmonella* Dublin – An Ontario perspective



**Dr. Cynthia Miltenburg, Ontario Ministry of Agriculture, Food and Rural Affairs**

*Salmonella* Dublin, first reported in Ontario in 2012, has steadily been identified on new veal and dairy farms since. This disease is recognized as a threat to Ontario cattle farms due its high morbidity and mortality in calves, the pattern of multi-drug resistance associated with cases, and the risk to cattle caregivers and food safety. Dr. Miltenburg will share data on the prevalence of *Salmonella* Dublin in Ontario and why we need to continue to prioritize prevention and control.

2:45 p.m. There ain't no bodies like Antibodies – How to ensure you are getting the most from your colostrum management program



**Dr. Kelly Barratt, Heartland Vet Services**

During this presentation we will review colostrum guidelines, practical techniques, and equipment that you can implement on your farm to manage, monitor, and improve calf health and welfare.

3:30 p.m. Adjournment



Talks will be followed by a brief, moderated Q&A session.