

RESEARCH TRIAL – PROGRESS SUMMARY

PROJECT NAME

Lallemand – Synergist Milk Replacer Trial

DATE

2019-2020

COLLABORATORS

Andy Skidmore, Lara Hirowatari, Bill Vanderkooi, Ray Kaufman
--

HYPOTHESIS

This trial will determine the effects of feeding Synergist in milk replacer to calves from 1-50 days of age. This research will help us gain a better understanding of average daily gain, feed efficiency and clinical health incidences (scours, respiratory, etc.).
--

MATERIALS & METHODS

<p>A crossover trial will be conducted at a commercial dairy farm located in Abbotsford, British Columbia. This facility was selected due to their availability of research technicians, ability to measure milk replacer, consumption, and monitor the production and health trial. Approximately 550 beef cross calves will be used in one barn with pens bedded with sawdust and will be fed milk (from replacer) using a calf rail equipment. Calves will have access to water and starter grain mix ad libitum.</p> <p>Groups of calves will receive 2 diets during the crossover experiment: (1) Control Milk Replacer and (2) Milk Replacer Supplemented with Synergist.</p> <p>Data Collection Following enrollment, the following data will be collected: Average Milk Intake/day, Average Daily Gain, Health parameters: lung sounds, depression, umbilicus health, nasal discharge, ocular discharge</p>
--