

LACTIFEN — SUPPORT FOR CALF HEALTH AND GROWTH —

Veterinary Health Product # NN.K0Y9

What is Lactifen?

Lactoferrin is a milk protein that contains antimicrobial peptides, which are molecules that support immune function in humans and animals¹. Lactoferrin and its derived peptides have demonstrated anti-fungal, anti-bacterial, and anti-parasitic properties in research and show promise as antimicrobial agents¹.

Considering the potential benefits of lactoferrin, TruVital Animal Health developed Lactifen, a veterinary health product containing a proprietary active dose of lactoferrin combined with dextrose, whey powder, and silica for improved functionality.

Lactifen is recommended to support and optimize overall immune function and intestinal health in calves, piglets, lambs, and goat kids. This product is available in a 90g pouch, 750g jar, and 3kg pail.

Proven in Trials

Several internal research trials were completed at the Mapleview Agri commercial research facility in 2022 to investigate the effects of Lactifen as a supplement for health and growth in calves. Findings of each trial are presented below.

TRIAL 1

IMPACTS ON CALVES WITH DIARRHEA

At the onset of diarrhea, calves were administered Lactifen twice daily for 5 days and compared to a control group.

At 56 days after enrollment in the trial, it was found that calves administered Lactifen weighed 6 pounds more on average than calves in the control group.

+ 6 lbs

DAY
56

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TRIAL 2 IMPACTS ON CALF GROWTH AND HEALTH

On arrival at the facility, Lactifen was administered to calves at 6g/d from days 4 to 10 after arrival and compared to a control group.

Calves administered Lactifen weighed 10 pounds more on average and had lower incidence rates of diarrhea, with a lower number of days with a fecal score of ≥ 2 compared to the control group.

Calves administered 6g/day of Lactifen had lower levels of treatment for diarrhea with a non-steroidal anti-inflammatory drug (-22%) and fewer calves required treatment with antimicrobials (-17%).



What Does This Mean?

Lactifen can help to reduce the severity and frequency of diarrhea and improve weight gain when administered to calves.

Lactifen can help reduce the need for non-steroidal anti-inflammatory drugs and antimicrobials in calves with diarrhea, and promotes responsibly reducing antimicrobial use and dependence.