## INSIGHTS DAIRY



## Milk Replacer: ProHealth<sup>™</sup> Package

The **ProHealth<sup>™</sup> Package**, included in select Poulin Grain milk replacers, fed as part of a high quality, balanced diet, helps **improve digestive health, stimulate gut development, and increase overall immunity,** leading to a bigger, healthier calf.



MOS Competes with pathogens MOS Oregano Oil Antimicrobial Fributyrin Probiotics MCFA Competes with pathogens Competes with pathogens Digestive/ Gut Health Digestive/ Gut Health Charter Competes with pathogens Digestive/ Gut Health Charter Competes with pathogens Competes with pathogens Competes with pathogens Antimicrobial Energy for GI tract Competes for digestion Readily available energy Competes Competes Competence Competes With pathogens Competes With pathogen

**Postbiotics (MOS)** Mannan Oligosaccharides competitively bind pathogenic bacteria and eliminate them from the calf's gut before they are able to cause disease.

**Probiotics** Live strains of *Bacillus licheniformis* and *Bacillus subtilis* improve intestinal microbial balance.

On average, research shows an average of 0.2 lb increased ADG when feeding a proven probiotic (FEEDAP, 2016).

In addition, calves fed a probiotic eat more starter (Kowalski et al., 2009).

**Oregano Oil** is an essential oil with antimicrobial, antifungal, and antioxidant properties.

Peer reviewed research shows an increase in feed intake, digestion, and growth (Cho et al., 2005; Li et al., 2012; Manzanilla et al., 2006; Namkung et al., 2004).



**Tributyrin** Butyric acid is naturally produced from the fermentation of sugars in the rumen. This supplemental butyric acid is a readily available energy source to stimulate gut development, even before the calf's starter intake begins to climb. Encupsulation technology prevents the typical "butyric" odor.

## **Elevated Medium Chain Fatty Acids**

MCFAs are the most common fats found in whole milk. They can be used as a direct energy source, increasing growth efficiency.

Peer reviewed research shows higher ADG, improved feed efficiency, less days treated and improved fecal scores when medium chain fatty acid levels are increased in milk replacer (Esselburn et al., 2013). (Not added to Alphaline Milk Builder)



Scan to find the Poulin Grain premium milk replacer that's right for your farm!