

SURMOUNT[®]

FEED ADDITIVE

PACKAGING AND CODES

Bags, net weight 50 pounds

Code: Nutra Blend

C10315A0 – 50lb bag

C10315A9 – 10lb pail

Available from:

Nutra Blend, LLC,

Neosho, MO 64850

800-657-5657

Nutra Blend West,

Madera, CA 93637 / 503-982-9545

Hubbard, OR 97032 / 559-661-6161

Nutra Blend East,

North Troy, VT 05859

800-945-4474

PMI develops innovative combinations of animal feed additives that optimize performance in poultry, swine, dairy and beef cattle by supporting nutrient utilization and gut health. Working with feed nutritionists, manufacturers, veterinarians and producers, PMI products harness the interactions between feed additives to deliver value, efficacy and strong results. Through a comprehensive innovation approach, across component verticals, species, and geographies, PMI leverages the most advanced ingredients and technologies to develop products that perform.



PMI
4001 Lexington Ave N
Arden Hills, MN, 55126
www.pmiadditives.com

- ▲ Specifically designed for use in milk replacer or whole milk fed to calves
- ▲ Supports immune-competence and gut integrity

Nutritional programs are designed to optimize animal performance and production efficiency. Inclusion of functional ingredients, such as prebiotics, probiotics, plant extracts, and specialty flavorings, are typically directed at supporting optimal gut integrity. Strategies that combine these tools are often needed to ensure success. High gut integrity contributes to optimized endogenous secretions which supports digestion and nutrient absorption. High gut integrity also requires less energy expenditure for maintenance therefore, more nutrients are available for production parameters.

Surmount[®] Feed Additive is a water-soluble prebiotic blend combined with herbal essential oils. The prebiotic polysaccharides are obtained from PMI's Fulfill[™] Feed Additive, consisting of glucans, mannans, quitines, and galactans.

FEATURES	BENEFITS
Prebiotics	Support lower gut health and nutrient digestion and absorption during the stressors of early life and weaning
Mannan-oligosaccharides (MOS) β-glucans	Support immune function and inhibition of pathogens
Essential oils	Stimulate digestive enzymes and support gut integrity

RECOMMENDED INCLUSION LEVEL

DAIRY CALVES	INCLUSION LEVEL
	Add to whole milk or milk replacer such that each animal receives 10 grams per head per day.
	For best results: divide the recommended feeding rate by the number of feedings to be fed each day. For example, calves fed 2 times a day should receive 5 grams per head per feeding.

TRIALS WITH SURMOUNT® FEED ADDITIVE

Four commercial calf ranches in Central Texas tested the impact of adding Surmount® Feed Additive to whole milk on health and performance of calves.

Four hundred and five Holstein, Jersey and Jersey-Holstein crossbred calves were used in 4 studies across 4 commercial calf ranches. Calves were offered whole milk and free choice starter. Two-hundred and one calves were fed their standard diet (control) throughout the study. The diet for the control calves ranged from 2-3 quarts of whole milk offered 2-3 times per day. In milk for control calves, farm 1 included Neomed®325, PennChlor64®, Red Cell® and Celmanax™, farm 3 included Neomed®325 and PennChlor64®, and farm 4 included CalviOne™, SmartCare® and Neomed®325. Farm 2 did not include any additives/antibiotics in the milk for control calves. Two-hundred and four calves were fed whole milk with only Surmount® Feed Additive added at a rate of 10 grams per head per day (treatment).

FIGURE 1: Average Health Treatments per Calf

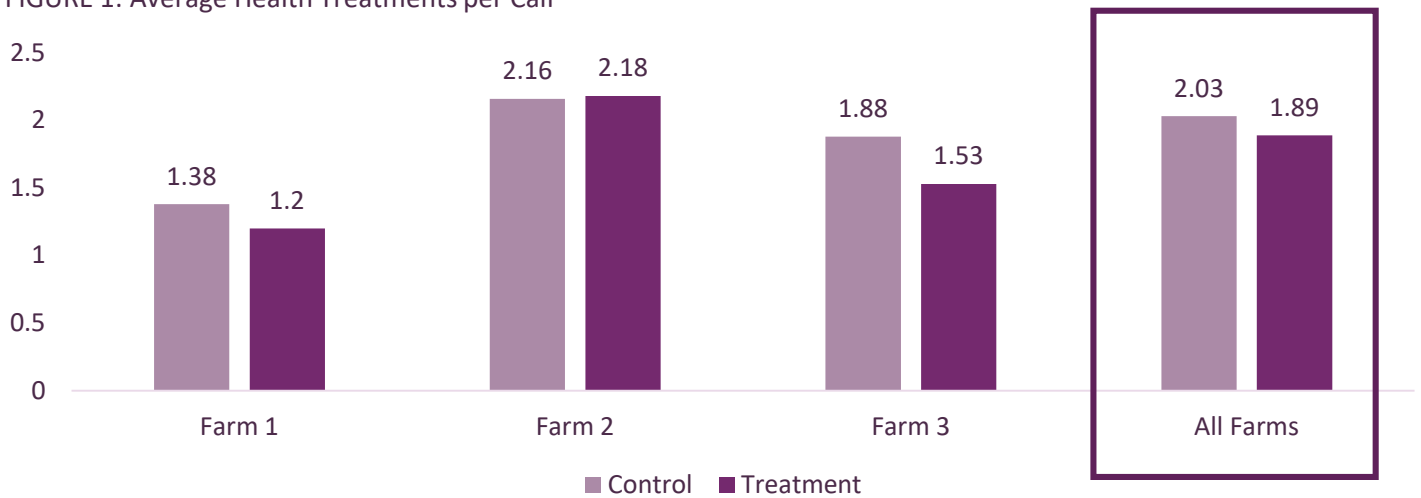


FIGURE 2: Calves Dead, %

