Reducing pathogen load for better performance

Proper nutrition is only beneficial if it is absorbed through the surface of the intestinal tract, through the villi wall lining. When present in the gut, pathogenic bacteria attach to the villi lining, blocking and damaging the villi, impacting nutrient absorption. The damaged wall results in increased exposure to toxins, depressed defense systems, poor nutrient absorption, lost production and increased mortality. Bio-Mos® 2 has been shown to provide a source of attachment for specific pathogens, lowering the chances of attachment and destruction to the villi lining. Bio-Mos® 2 supports nutrient utilization, maintains digestive function and enzyme activity and reduces the gap between ideal and actual performance.

Importance of microflora rehabilitation

1. Normalizing gut microflora → Enhancing microbial diversity
2. Shifting the balance → Reducing pathogen load
3. Breaking the cycle → Decreasing antimicrobial resistance
4. Feeding the recovery → Enhancing nutrient digestibility

Bio-Mos 2 benefits

- Enhances gut structure to improve defenses against undesirable organisms
- Increases intestinal surface area for better absorption
- Supports barrier function to discourage pathogenic bacteria
- Supports overall digestive function

Inclusion rate

- Calf starter: 2 lbs./ton
- Dairy cattle: 4-8 g/h/d

For more information, contact dairy@alltech.com today.