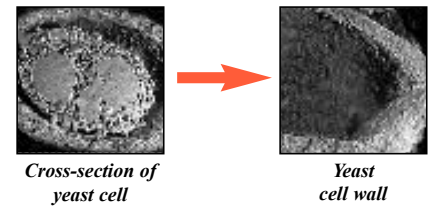




A Unique Feeding Strategy for Calves

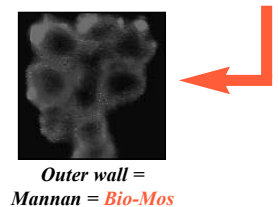
What is Bio-Mos?

Bio-Mos is derived from the cell wall of a select strain of yeast, the same organism used to produce bread and beer. Since yeast are part of the plant kingdom, they form many of the same compounds found in growing green plants, including some of the carbohydrates, like oligosaccharides or sugars. Simply put, **Bio-Mos** is a yeast sugar, containing mannan oligosaccharides.



The Calf's Digestive Tract

One of the many ways in which diet affects gut health is through carbohydrate composition. Gut microbes use dietary carbohydrates, such as oligosaccharides, for a variety of purposes, including attachment to the gut wall. Certain gut pathogens, including several of the *E. coli* and salmonella strains, have 'docking stations' that bind mannose sugars projecting from the gut wall. This allows them to establish and cause disease. When the diet includes mannose, it increases the opportunity for potential pathogens to be tricked in to attaching to the 'decoy' and then simply move through the gut without attaching and causing disease.



What Does Bio-Mos Do?

Bio-Mos maintains gut health and integrity, resulting in overall improved health status. **Bio-Mos** has been proven to reduce treatment costs for the young animal and has been proven time and time again to give calves a boost in overall health and performance.

Bio-Mos and Calf Performance

Bio-Mos has been scientifically proven (university and practical applications) to be beneficial to calves. A 13 trial summary (860 calves) showed an average 17.1% increase in daily gain!

Gut health is critical to establishing overall health and performance in the young, developing animal. Minimising these problems results in lower medication costs and daily gain improvements. At a cost of less than a penny a day, Bio-Mos represents very inexpensive and guaranteed insurance. One less case of respiratory disease or two fewer scouring calves and the investment is recouped!!

