

## **TRI-LUTION® FEEDING RECOMMENDATIONS**

<b>Class</b>	<b>Feeding Rate</b>
<i>Pre-weaned and Growing Calves</i>	11 to 22 grams/head/day 5 to 10 lb per ton of complete feed
<i>Feedlot Cattle, Replacement Heifers, Growing Bulls</i>	22 to 68 grams/head/day 1 to 2.5 lb per ton of complete feed
<i>Mature Beef Cows and Bulls</i>	22 to 68 grams/head/day 1 to 2.5 lb per ton of complete feed

\*Tri-Lution® recommendations and results may vary with environmental conditions and degree of challenge

Tri-Lution® is also available in water soluble and paste form



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## THE TRI-LUTION® DIFFERENCE

Tri-Lution® Ruminant is a combination of lactic acid-producing bacteria, prebiotic nutrients, and yeast. By design, the components in Tri-Lution® Ruminant were synergistically brought together and, through field evaluation, shown to:

- Support and balance a healthy rumen and digestive tract
- Stimulate feed and water consumption
- Enhance immune response (Figure 1) and reduce pathogen pressure in the digestive tract (Figure 2)

### BACTERIA

Balance bacteria in the digestive tract  
 Secretion of lactic acid to lower pH  
 Release of bacteriocins

### PREBIOTICS

Selectively stimulates growth of commensal organisms  
 Fermentable fiber source

### YEAST

Pathogens adhere to yeast cells instead of intestinal wall  
 Rapid clearing of select pathogens (Figure 2)

## START THEM OFF RIGHT

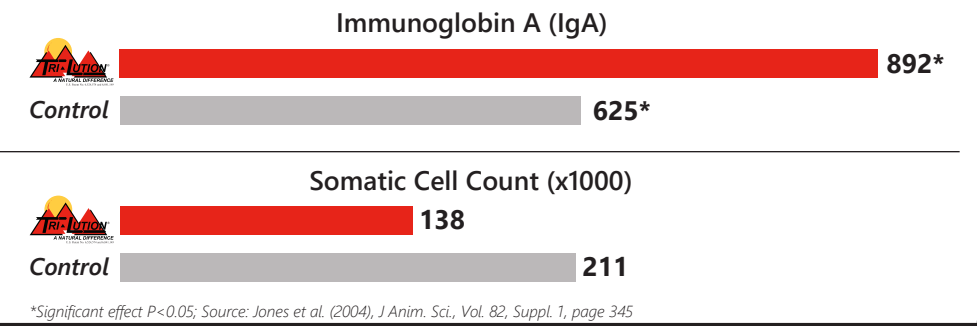
Cattle arriving at the feedlot face many challenges. Weaning, commingling, transportation, dehydration, diet changes and depressed feed intake all contribute to immunosuppression and rumen upset. Get your cattle started the right way with Tri-Lution® Ruminant to stimulate appetite and balance the digestive tract.

## GET PROACTIVE ABOUT THE HEALTH OF YOUR CATTLE

Healthy cattle demonstrate maximal productivity and feed efficiency. Probiotic organisms, prebiotic nutrients and yeast cell wall fractions are known modulators of the intestinal microbiota and host immune system. Research has demonstrated that Tri-Lution® stimulates key adaptive immune defenses (Figure 1).

FIGURE 1

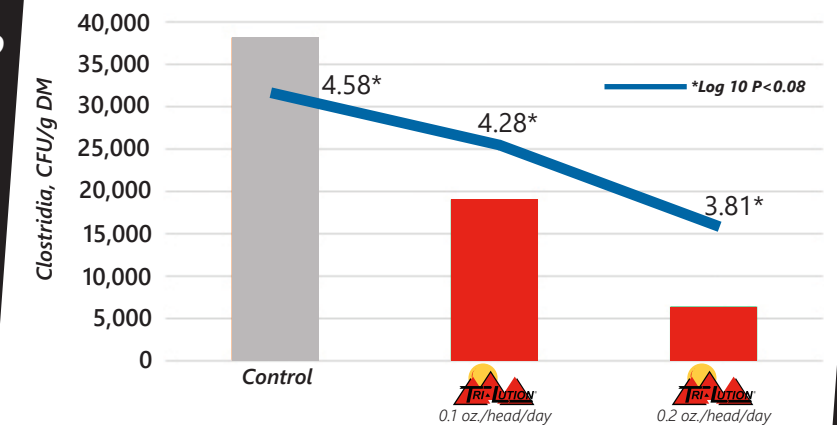
Impact of Tri-Lution® on colostrum IgA titers and somatic cell count from fresh cows



A healthy and balanced digestive tract allow cattle to achieve optimal absorption of nutrients, resulting in greater performance. Research has found Tri-Lution® Ruminant can minimize specific pathogen pressure on the digestive tract (Figure 2).

FIGURE 2

Fecal microbiology of Holstein calves fed Tri-Lution®



Cultivating a healthy digestive tract can enhance animal health, performance and feed efficiency. Isn't it time to get proactive about the health and performance of your cattle?