## MY BIO-MOS®

### DON'T MISS DR. ROBERTS' SECRETS TO STOP SCOURS THIS FALL

3 tips every producer should know...

### **TIP #1**

### REMEMBER THE CAUSES

- Poor nutrition: excess protein, mycotoxins, poor water quality
- Build-up of bacteria, parasites and viral diseases

### **TIP #2**

### STRESS IS THE ENEMY

- Early detection is essential; watch for sunken eyes (symptom of dehydration) and abnormal breathing
- Monitor all transition points: new pens, seasonal changes, mixing cattle

### **TIP #3**

### LOOK TO THE BACK SIDE

 Check your fecal score using the guide below. If you have a fecal score less than 2.5 for more than five days, your calves have a problem!

### FECAL SCORE



Dry, hard

2



Soft and formed to pasty



Mix of liquids with some solids



Liquid, watery

"When managing your fall calving herd, remember that they will be lactating through the winter, so they will have higher nutritional requirements compared to spring calves."

MANUAL MARINE CONTRACTOR

- Dr. Shelby Roberts, Alltech



# MY BIO-MOS®

### BIO-MOS<sup>®</sup> for Gut Health Management

BIO-MOS is Alltech's trademark technology formulated to feed the gastrointestinal tract, support gut integrity and promote overall performance at any stage of cattle production.

### Advantages of BIO-MOS

- Supports cattle performance
- Promotes gut integrity
- Aids nutrient utilization
- Supports profitable returns

### There Is Only One BIO-MOS

BIO-MOS is the only product maintaining gastrointestinal health and integrity that has held a market presence for more than 20 years. It is supported by more than 734 trials and 114 peer-reviewed publications.

### PRODUCERS SAY IT BEST...



"We were having difficulties with scours in newborn calves. We put BIO-MOS in the feed and we almost eliminated the problem. We went down from doctoring 70% to only doctoring 1-2%."

Roger Giles, Giles Ranch, Kansas



"It got very frustrating, ever day treating a calf. I went ahead and dropped everything and went and got a bunch of BIO-MOS, and we fed it to them. And i would say within three days we stopped treating calves."

Brian Goff, B-Gee Angus, Nebraska



"Every cow-calf man knows that scours means money out the door. Since we've been using BIO-MOS, it's amazing – We haven't been having any problems."

Brent Turner, Hell Creek Ranch, Kansas



### ALLTECH'S LIFE CYCLE APPROACH TO HEALTH AND PERFORMANCE

As more and more challenges are placed on cattle, the need for alternatives to maintain health and performance also grows.



### 1. Cow/Calf

Setting a calf up for success starts before it even hits the ground. Calves face a high risk period of two to three weeks before their immune system is fully activated. Alltech is focused on building a strong foundation to promote health and reproductive development for the next generation of cattle production.

### 4. Feedlot

Transitioning to the feedlot can be the most stressful time for cattle, and if not managed correctly, it can have adverse effects on health and performance. Stress is known to be a significant factor in bovine respiratory disease, which can significantly diminish returns in comparison to healthy cattle. It is critical to support the health status and performance in the feedlot by focusing on supporting

on supporting immune defense, gut microbial health and overall rumen function.





### 2. Weaning

It is critical to never let your calves go unguarded. Promoting good bacteria strengthens gut integrity and supports a functioning immune system for the animal.

A healthy gut aids in nutrient utilization and ultimately supports calf performance during weaning.

### 3. Backgrounding

During backgrounding, the goal is to increase weight and strengthen immunity. With

seasonality of weather, feed and forage, and environmental stresses, producers need to ensure their cattle are healthy so they can

achieve their genetic potential. To achieve this, producers can supplement high quality forages and grains with the right tools that support immune function.



