



# Avalia<sup>®</sup> 4

## Promotes Breeding Bull Fertility and Soundness

Providing balanced nutrition with the effective trace minerals in Avalia 4 is critical to optimize bull fertility and hoof health in order to maximize breeding season success.

### Benefits of Avalia 4 for the Beef Herd

- ▲ Reproduction
- ▲ Colostrom Quality
- ▼ Scours Incidence
- ▼ BRD Symptoms
- ▲ Weaning Weights



# 22%

**INCREASE IN  
PROGRESSIVE  
SPERM MOTILITY**

# 30%

**DECREASE IN  
FOOT ROT**

*Feeding Avalia 4 to bulls has been proven to produce a dramatic increase in sperm motility, even when under heat stress.*

*Bulls require sound feet to service the cow herd. Lameness leads to early bull retirement and replacement cost.*

## SEMEN QUALITY AND QUANTITY

Quality semen in ample quantities helps optimize cow conception rates. This sets the stage for greater pregnancy rates and more calves weaned.

- Annual breeding soundness exams prior to bull turnout are an excellent tool for evaluating bull breeding capabilities.
- Adequate levels of zinc, copper and manganese are essential for hormone synthesis, testicular development and semen quality.

## YOUNG DEVELOPING BULLS

Developing bulls is costly. Costs that impact the bottom line include:

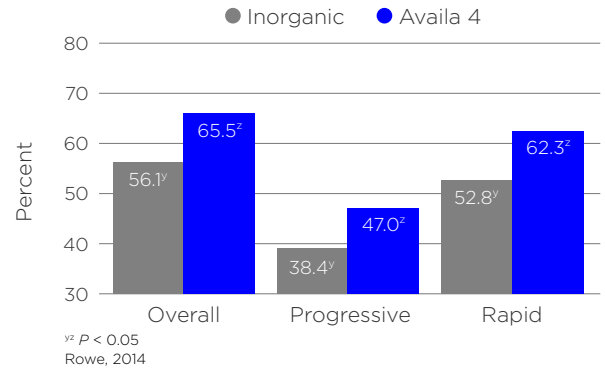
- Lost revenue from growth to productive use.
- Poor semen quality and quantity at a young age.
- Sale bulls failing breeding soundness exams.

## STRUCTURAL SOUNDNESS AND FOOT HEALTH

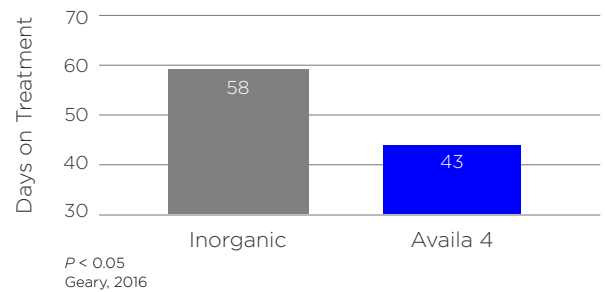
Keeping sound feet and legs on a bull during the breeding season allows for better coverage of the cows.

- Overall skeletal soundness relies on proper nutrition. Manganese, zinc and copper directly affect bone and joint development and function.
- Trace minerals are required for strong hoof and skin integrity which is essential to prevent foot rot.

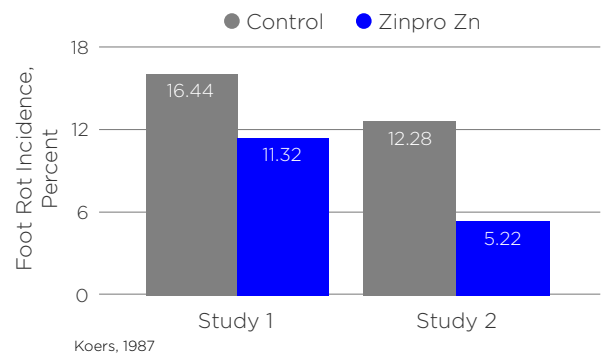
## Sperm Motility



## Bulls Reaching Puberty



## Effect of Zinpro Zn on Foot Rot



AVAILA 4 FEEDING RATE:  
**BULLS: 7 GRAMS**  
PER HEAD DAILY

Availa 4 is a combination of highly available complexed Zn, Mn, Cu and Co designed to help meet the trace mineral demands of the beef herd.



For more information:  
contact your Zinpro sales  
representative or visit  
[zinpro.com/beef](http://zinpro.com/beef)