



Sure Champ[®]

IN THE CLASSROOM

Classroom Activity: What is Amaferm[®]?

By: Team Sure Champ

Amaferm is included in all of BioZyme[®]'s products including Sure Champ and Vita Charge that you feed to your livestock projects. But, what exactly is Amaferm and how does it benefit your animal?

What is Amaferm?

Amaferm is a natural feed additive that acts as a prebiotic. Amaferm is created from a proprietary strain of *Aspergillus oryzae* through a proprietary multistep fermentation process. It delivers more microbial protein and energy to the animal through increased digestibility by stimulating fungal branching, microbial enzyme activity and bacterial growth. By increasing the activity and numbers of beneficial microorganisms in the gut, Amaferm unlocks valuable nutrients from pasture grasses, forages, feed and grains, regardless of quality or type.

What are Prebiotics?

A prebiotic is a selectively fermented ingredient that promotes the growth and/or activity of the beneficial microbes that contribute to the well being of the animal. Amaferm is one of the most researched and field tested prebiotics on the market today. It's been proven to increase forage fiber digestibility by an average of 17% and total digestibility by 9%.

Classroom Activity

Watch the You Tube video, "**Amaferm: Power Up Performance. Maximize Feed Value.**" to get a better understanding of how Amaferm effects livestock's digestion.

Then, go to **amaferm.com** and select "North America" as your region. Choose one of the species listed on the top of the screen (beef cattle, swine, equine, etc.) that interests you. Read through the research that has been done on the effects of Amaferm within that species, and write a one-page essay on what you found and why you think Amaferm is important for livestock.

For additional livestock nutrition and stock show resources, visit surechamp.com/blog.