



... For Ruminants

REDUCED SCOURS

Zeolites have been widely used for the control of scours. The belief is that the zeolites absorb excess moisture in the digestive tract. However, there is current thinking that an additional mechanism is that trace transition metals in the zeolite may act as effective biocides that kill the bacteria causing the scours.

REDUCED MORTALITY

Continuous feeding of zeolite often results in greater animal longevity.

IMPROVED FEED CONVERSION AND PRODUCTIVITY

Feeding zeolite typically results in greater feed conversion. Animals gain faster. Dairy cows provide more milk.

Improved indexing (meat quality) has been reported with beef cattle. This may result from better ammonia management.

BETTER PHOSPHATE UTILIZATION

Feeding zeolite exchanges the calcium in dicalcium phosphate and other phosphates which increases the solubility and utilization of phosphate in the animals bones. It may allow up to a 50% reduction in the feed ration of dicalcium phosphate.

FLOW AGENT/ANTI CAKING AGENT

Zeo-Feed is a flow agent and anti-caking agent in urea and other oil feed ingredients.

INCREASED PELLET DURABILITY FOR FEED PELLETS

Zeo-Feed allows the operation of pellet mills at higher temperatures that reduces friction and increases production. The higher temperature results in better gelatinization and a more durable pellet.

REDUCED NECESSITY FOR ANTIBIOTICS

The use of zeolite in animal feed increases gain and production and reduces or eliminates the need for antibiotics. In Europe where zeolite is commonly fed, antibiotics are not used.

ACTS AS A BUFFER IN THE RUMEN

Reduces acidosis especially when pellets are fed where the fiber has been partially destroyed.

INCREASED PRODUCTION FROM HEALTHIER COWS

Less ammonia gas in the barn decreases respiratory problems, results in less diarrhea, could be effective as a myco-toxin binder (not recommended in the United States and Canada), results in lower mortality rates, lower food conversion rates, and less foot rot. It results in healthier cows that produce more milk when they are young and for a longer time when they are older.

INCREASED NITROGEN CONTENT OF MANURE AND COMPOST

Zeo-Feed increases and fixes the nitrogen in the manure and compost so that it is plant accessible but not water-soluble. Many of the fields that have been repeatedly fertilized with cow manure now have phosphate problems. This is a result of not enough nitrogen to balance the plant uptake of the phosphate. The problem can be solved by increasing the nitrogen content of the manure, compost, or lagoon water.

