



ZEO, Inc. The Leader in Natural Zeolite Products and Technology
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Application Rates

Zar-Min Feed Additive

Zar-Min is used as a feed additive by producers of beef cattle, dairy cows, broilers, commercial egg layers, swine, sheep, rabbits, and turkeys. It is FDA approved for use as an anti-caking agent.

Use Level

Zar-Min: 2 to 20 kgs. (5 to 40 lbs.)

Per tonne (ton) of Complete Feed.

Reformulation of the energy, salt or other ingredients in the ration is not necessary. But, some users reformulate to make their rations isocaloric.

Mechanism

Some researchers and customers believe that Zar-Min improves the dispersion of the ration ingredients by reducing agglomeration.

Zar-Min has no caloric value and is not a therapeutic.

Zar-Min's mechanism for improving the economics is due to the natural zeolite structure binding the mycotoxins on the surface and ionically buffering the digestive tract. Due to the surface CEC, the Zar-Min surface is polar and will attract the complex and polar mycotoxin molecules.

The internal CEC binds positively charged ions such as the ammonium cation. When excess ammonia builds up in the digestive tract, Zar-Min will ion exchange into the lattice, thereby reducing the toxic effects of excess ammonia.

Field Trial Results

Years of successful field testing have been completed. Since 1983, companies, worldwide, have included Zar-Min in their feeding program.

Availability

Zar-Min is available in bulk 1,000 kgs. totes or palletized 25 kgs. (55.1 lbs.) paper bags. Adequate inventories insure prompt shipments from the manufacturing plant or distribution centers.



Zar-Min improves natural resistance to disease via reduced use of antibiotics.

Ruminant Diets ⇌



Research shows that Zar-Min feed additive increases cumulative egg production.

Egg Layer Research ⇌