

protect livestock feed
with nature-based
shelf-life extenders

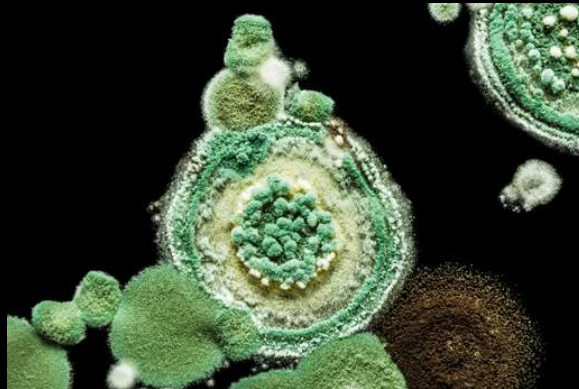
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BREAK THE MOLD

On farms, where feed may be kept for extended periods of time, it's critical to avoid mold. Mold can grow on feed that is stored anywhere – on the field, in storage, or in the feed bunk. Molds and mycotoxins can harm cattle, lower the nutritional value of livestock feed, and cause respiratory distress in humans. Three common molds that produce mycotoxins and grow on feed are *Aspergillus* sp, *Fusarium* sp, and *Penicillium* sp.

These mycotoxins can be harmful to cattle by negatively affecting their lungs, rumen, and reproductive function. As the mold uses the grain's nutritional value for growth, it also decreases the nutritional value of animal feed. In humans, mold may cause trouble breathing and allergic reactions. Masks are encouraged when handling moldy feed to prevent sneezing, coughing, and shortness of breath.

In livestock feed storage shelf-life extenders can be added to reduce the growth of bacteria and mold. We offer sustainable, nature-based shelf-life extenders as alternatives to petrol-based products. Jarace™ nature-based Acetate and Diacetate salts are not synthetic yet have the same functional properties and effectiveness as petrol-derived salts. The antimicrobial effect of these Jarace salts helps to prevent mold and extend the life of the feed.



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