

FEED TOXIN BINDING



with REDMOND

Feed toxins can rob your operation of health and productivity. Whether you are growing feed crops for your livestock or purchasing from a supplier, let's learn how to better protect your farm from toxins.

Types of Feed Toxins

Feed toxins form under wet conditions while growing, harvesting, and storing. Contaminated feeds are not only less palatable to your animals, but also may offer less energy, dry matter, and nutrients than clean feed. This lower feed quality can significantly reduce body scores and productivity as your animals' metabolic and immune systems falter.

Molds

Mold and other feed toxins are behind a lot of previously unexplained health problems in livestock.

According to Penn State University (PSU):

- Moldy feed does not always contain mycotoxins
- Moldy feed is less digestible and offers around 5% less energy content for ruminants
- Spore counts (found by testing) sometimes underestimate the degree of mold present and the potential risks

Mycotoxins

These toxic compounds naturally produced by certain molds, also thrive in moist conditions:

- Mycotoxins may be present in feeds with little or no obvious mold (PSU)
- Most mycotoxins are chemically stable and survive food processing (World Health Organization WHO)
- Not all toxins need warmth, some are more likely to occur under cool and damp conditions (PSU)

Protecting your Farm from Feed Toxins

Feed Testing

2 main types of feed toxin testing:
Quick testing- determines whether toxins are present (+ or - results), positive results require further testing
Confirmatory/quantitative testing- finds which toxins are in your feed and in what quantities

Reducing Feed Toxins at the Source

Redmond Agriculture conducted a trial using our SR 50 and SR 65 blends of sea minerals and volcanic conditioner. 4 separate corn silage farms applied Redmond at 200 lbs/acre and found greatly increased feed quality and reduced toxin quantities.

Binding to Feed Toxins (Internally)

Adsorbing binding supplements can inactivate mycotoxins in contaminated feeds: *"In some research trials, clay products, such as calcium or sodium bentonite...have been shown to prevent mycotoxins in feed from being absorbed into the body."* (PSU)

All-Natural Toxin Binding from Redmond

Redmond is proud to offer all natural, volcanic bentonite clay supplements enhanced with our full spectrum of sea minerals.



First Month

Newborn ruminant immune stimulator (bentonite conditioner, probiotics, and MOS)



Conditioner

Volcanic bentonite for all classes of livestock (feeding rate of 1% of total diet, for toxin problems up to 2% re. AAFCO rules)



SR 50, SR65

Mineral and Conditioner blends to apply at 200 lbs per acre to reduce toxins in feed crops and increase TDN.

Redmond is ready to help your farm reduce the harmful effects of feed toxins, both internally and at the source, and get you back to what you love about raising animals. Give us a call today, to see how Redmond can help your operation thrive.

Contact Us Today

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