

WHEN IT COMES TO SAFETY, WE PROTECT

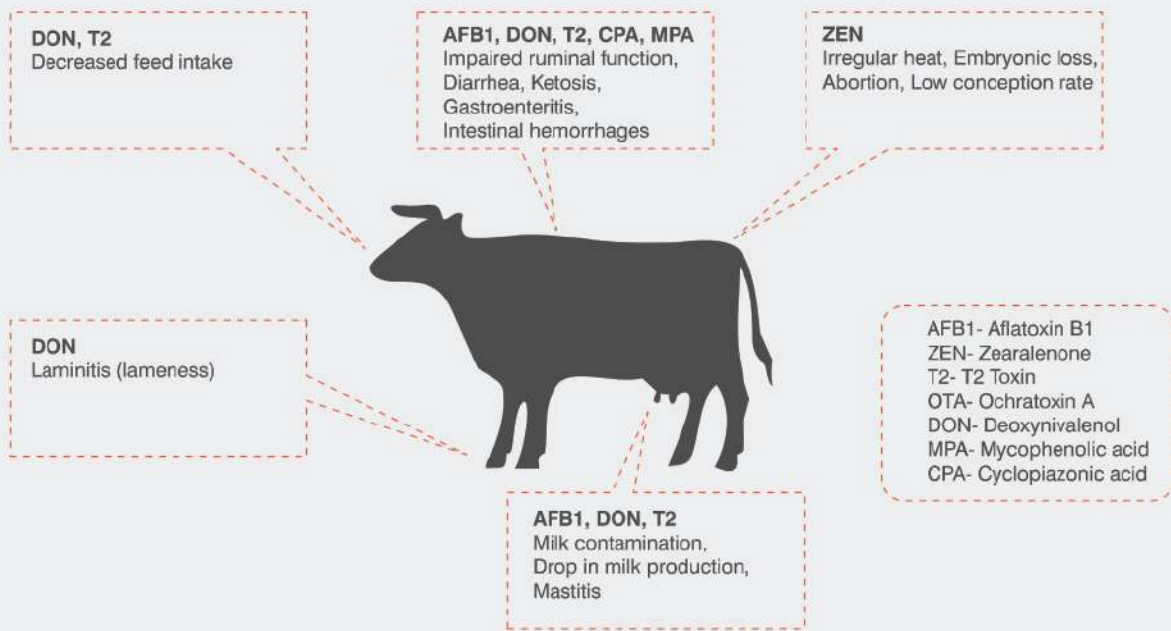
Toxfin™ 360°

THE FORWARD THINKING
MYCOTOXIN BINDER FOR RUMINANTS

KEMIN®

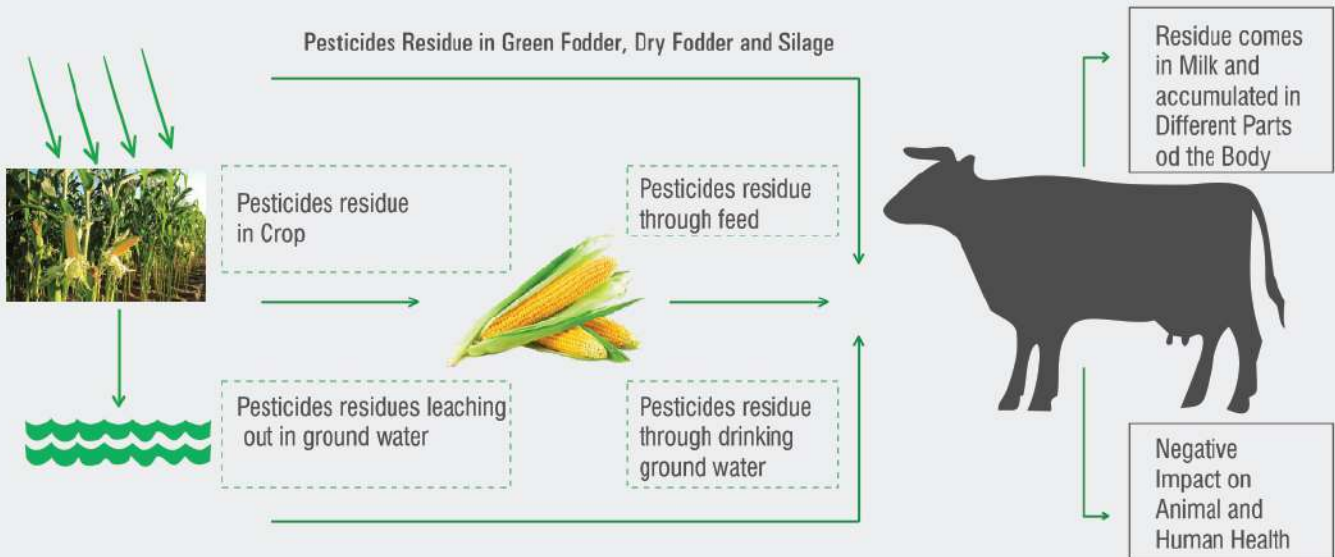
Toxin risks in cattle feed

Cattle feed ingredients and silage may be contaminated with mycotoxins and pesticides. Mycotoxins and pesticides are a serious threat to the health and productivity of dairy animals.



Pesticides residues- threat for Ruminants

Pesticides



Thiram, Thiamethoxam, Atrazin, Carbofuran and Deltamethrin are commonly found pesticides in cattle feed.



Toxfin™ 360°

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RUMINANTS

Features of TOXFIN™ 360°

TOXFIN™ 360° is a novel combination of nano porous **Synthetic tectosilicates (STS)**, activated clays and organic acids. **STS** is highly efficient in binding of mycotoxins and pesticides. It has **faster**, **stronger** and **better** binding to toxin due to its unique properties.

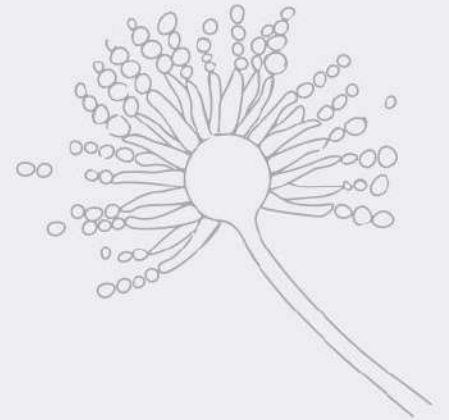
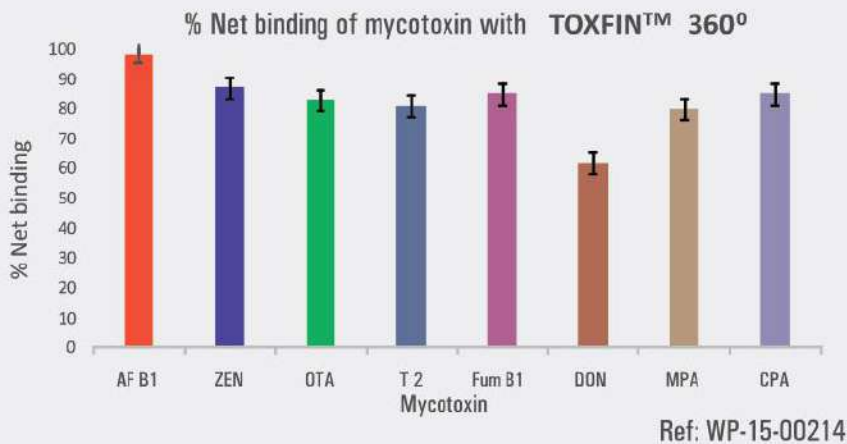
- Novel material nano porous active – Synthetic tectosilicate (STS)
- Better binding of Mycotoxins due to presence of Lewis and Bronsted acidic sites on the STS and uniform pore size (5 Å)
- Ideal surface area – 333 m²/g
- Superior absolute (net) binding to all the mycotoxins
- Selective pesticide binding
- Faster binding to mycotoxins before they get absorbed in the system and cause damage to animals
- Negligible binding of essential nutrients – Vitamins and Mineral
- Free from Dioxins, Heavy metals, Pesticides , PCBs, Antibiotics etc



Advantage of TOXFIN™ 360⁰

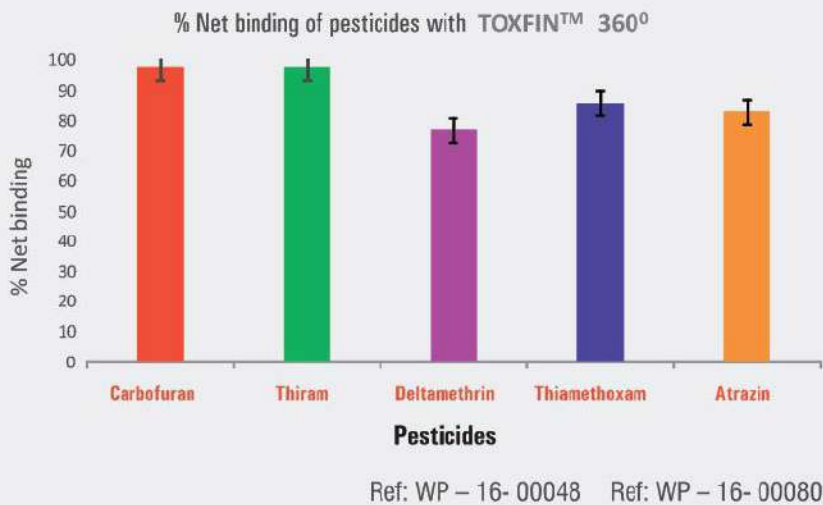
The efficacy of the product has been proved by *in vitro* net binding and *in vivo* excretion studies

1. *In vitro* net binding :



The pesticides binding efficacy of the product has been proved by *in vitro* net binding

2. Pesticide binding



- Reduces chance of mycotoxiosis and selective pesticides toxicity
- Ensure feed safety
- Ensure performance of dairy animals by improved protection
- Lowers medical cost of dairy farm

Dosage: 1-5 kg / MT Depending upon the toxicity



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