



# Flo-Bond TBX: THE ORIGINAL MYCOTOXIN BINDER



Flo-Bond TBX, a mycotoxin binder and anti-caking agent, permanently deactivates all deadly mycotoxins that live in animal feed and grains. Adding Flo-Bond TBX to animal feed will not affect the feed's vitamins, minerals, nutrients or flavors. Sold in 92 countries and on every continent, Flo-Bond TBX comes in 50 lb bags, 100 lb bags and 2,000 lb bulk bags.

## MAIN BENEFITS

- ▶ Contains all-natural ingredients
- ▶ Permanently eliminates mycotoxins to help increase profitability
- ▶ Yields healthier animals and animal feed
- ▶ Does not harm feed or grain, leaving nutrients untouched

## EFFECTS OF MYCOTOXINS

- ▶ Produced by molds and fungi, mycotoxins are harmful chemicals that live in animal feed and pose a significant threat to the performance of poultry, livestock, fish and pets.

Mycotoxins can cause cancer, liver and kidney problems, infertility, growth rate reduction and other problems that affect profitability.

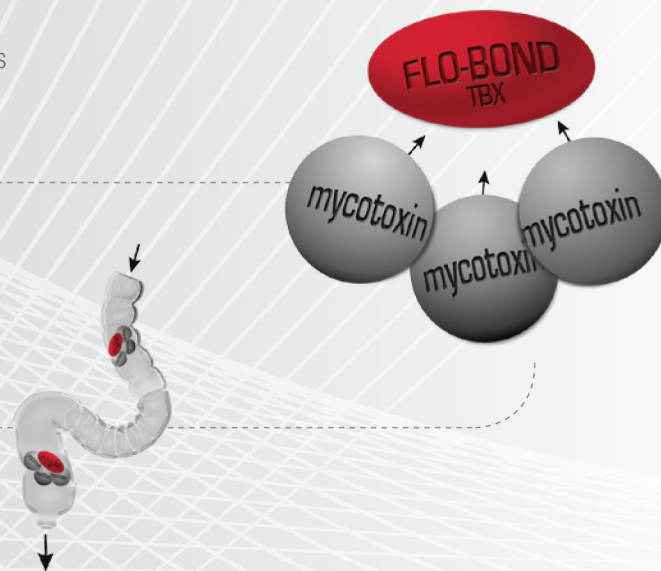
These toxins cannot be destroyed by heating, washing or chemical treatments. The only way to eliminate mycotoxins is to deactivate them with a mycotoxin binder like Flo-Bond TBX.

## ELIMINATING MYCOTOXINS

- ▶ Flo-Bond TBX comes in an easy-to-use powdered formula and works with standard mixing equipment. As Flo-Bond TBX blends with regular feed, it permanently binds to and deactivates all existing mycotoxins, such as Aflatoxin, Deoxynivalenol (Vomitoxin) and Ochratoxin.

## BINDING FLO-BOND TBX

- ▶ When Flo-Bond TBX binds with a mycotoxin, a larger particle forms. Because of its increased size, this new particle cannot pass through the wall of an animal's stomach. The mycotoxins then exit with the normal waste.



## Product Info

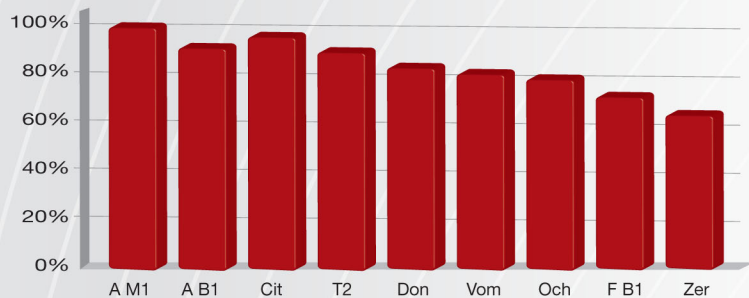
Active Ingredient:  
Hydrated Sodium Calcium Aluminosilicate

Composition:  
80% Hydrated Sodium Calcium Aluminosilicate  
20% mineral mix (iron, zinc and copper)  
Montmorillonite (binding clay)

Specific Gravity	2.61%
Free Moisture	10-12%
L.O.I	16-17%
pH	7.4
Color	Buff
Screen Analysis	Wet % 200 mesh Dry 89% 200 mesh
Bulk Density	Lbs./ft. <sup>3</sup> Loose: 44 Lbs./ft. Packed: 69

## MYCOTOXINS: THE PERCENTAGES BOUND

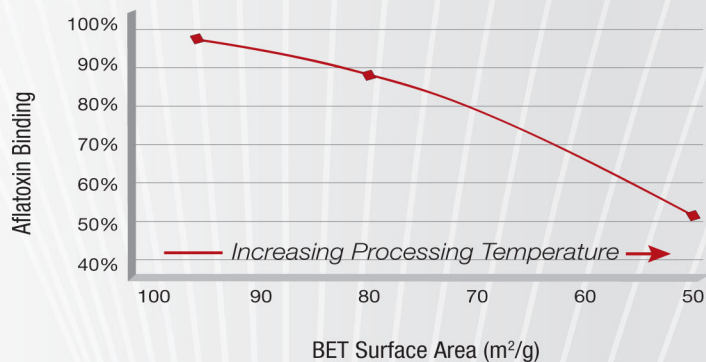
► Based on averages from many laboratory and field trial results, Flo-Bond TBX permanently binds mycotoxins at the following percentages:



KEY:  
 A M1: Aflatoxin M1  
 A B1: Aflatoxin B1  
 Cit: Citrinin  
 T2: T-2 Toxin  
 Don: Deoxyinvalenol  
 Vom: Vomitoxin  
 Och: Ochratoxin A  
 F B1: Fumonisin B  
 Zer: Zearalenone

## QUALITY CONTROL: THE EFFECT OF THERMAL PROCESSING ON SURFACE AREA

► An effective binder has a high surface area. However, overheating the binder can cause a drop in its surface area and in its aflatoxin-binding capabilities. Temperature regulation produces controlled conditions for maximum binding.



► It is very important not to overheat clay that is to be used as mycotoxin binder

## ENVIRONMENTAL ACCREDITATIONS

► Flo-Bond TBX is United States Department of Agriculture-approved. It contains no dioxins, chemicals or additives and is allowed in European Economic Community countries.

## USING FLO-BOND TBX:

Poultry, Swine, Fish or Pets per mixed ton

- 1.5 to 2.0 lb. as an insurance for all toxins (700 gms to 1 kg per metric tonne)
- 2.5 to 4lb when suspected toxin problems are present (1.1kg to 2.0 per metric tonne)
- 5 to 6lb when clinical diagnosis of high levels of toxin are present (2.5 kg per metric tonne)

## Safe Use & Handling

- Store Flo-Bond TBX in a cool, dry location, in its original container with the lid tightly closed. Do not reuse the empty containers. Neutralize spills of Flo-Bond TBX with soda ash, and flush away the spills with water. Vapors can irritate eyes, nose and throat. For disposal, incinerate in a furnace where law permits.

Contact your Flo-Bond TBX sales representative or distributor for more information.

► 618.628.8300 ► [brookside-agra.com/products/flo\\_bond](http://brookside-agra.com/products/flo_bond)

