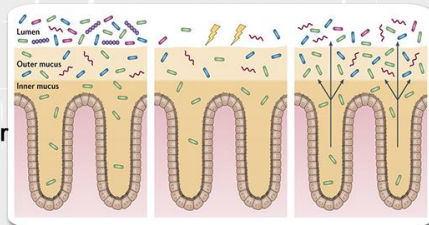


#### 4-Improve feed intake

Bio-capran contains inactivated saccharomyces cerevisiae that acting as prebiotic stimulating multiplication of intestinal flora with high number so improving feed intake.



#### Features of Bio-Capran

- 1- Bio-Capran TX Made in Italy.
- 2- Bio-Capran TX Broad spectrum Toxin binder.
- 3- Bio-Capran TX Act on both high polar and low polar mycotoxins.
- 4- Bio-Capran TX has immune stimulating effect.
- 5- Bio-Capran TX has growth promoter effect.

#### Indications of Bio-Capran

- 1- Bio-Capran TX Used for prevention of Mycotoxicosis in poultry and livestock.
- 2- Bio-Capran TX biologically and physically adsorbs the mycotoxin without affecting vitamins and minerals.
- 3- Bio-Capran TX used to overcome side effects of mycotoxins.
- 4- Bio-Capran TX able to enhance growth and multiplication of gut flora so improving appetite and growth performance of animals.

#### Dosage

300-500 g/ Tonn feed in poultry feed

#### Packaging

20 kg



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## BIO-CAPRAN TX

بيو-كابران تي إكس

## STANDAR TOXIN BINDER





## BIO-CAPRAN بیو-کابران

More than 25% of the world's grains are contaminated with fungal toxins, and 80-100% of the corn is contaminated with toxins.

Mycotoxins are byproducts of metabolism of fungi that contaminate feed, feedstock or crops.

- Mycotoxins are potent chemicals and can produce toxic effects at very low levels – parts per billion (ppb) range.
- They cannot be destroyed by heating – even to 340 °C.
- They cannot be washed off – low solubility in water.
- There are no effective chemical treatments.



TABLE 1: RELATIVE TOXICITY OF DIFFERENT MYCOTOXINS ON DIFFERENT LIVESTOCK SPECIES

(+ = mild toxicity ++ = moderate toxicity +++ = high toxicity)

Toxin	Poultry	Ruminant
Fumonisin	+	+
Zearalenone	+	++
Deoxynivalenol	+	++
T2 toxin	+++	+++
Aflatoxins	+++	+
Ochratoxins	+++	+

	Liver	Bladder	Spleen	Bones	Skin	Lungs	Gut	Kidneys	Reproductive system	Nerves
Aflatoxin	XXX	XXX						X	X	
Zearalenone									XXX	
T-2 Toxin			XX XX				XXX	X	X	X
Fumonisin B1	XX			XXX		XX XX	XX			XXX
Ochratoxin A	X							XXX		
Ergot						XXX			X	X

### Composition

each 1 kg Bio-Capran TX contains

- Inactivated saccharomyces Cerevisiae 400 g
  - 20 % Mannan oligosaccharide 80 g
  - 25 % Betaglukan 100 g
- Modified Silicates (Bentonite) 600 g



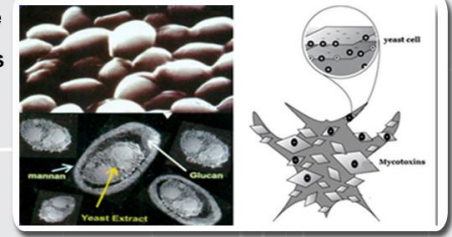
## BIO-CAPRAN بیو-کابران

### Mode of Action

Bio-Capran TX has four actions

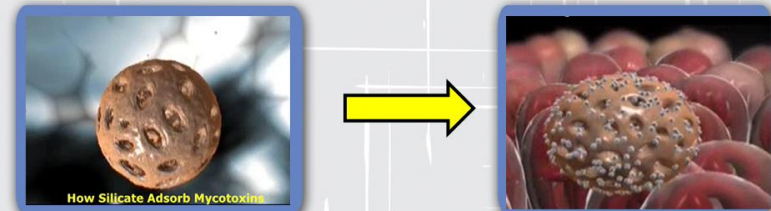
#### 1-Biological Adsorption of Mycotoxins

Bio-capran contains mannoligosaccharide extracted from the yeast cell wall, and it is able to adsorb wide range of Mycotoxins biologically.



#### 2-Physical Adsorption of Mycotoxins

Bio-capran contains Modified Bentonite with high Concentration that able to adsorb the high polar mycotoxins physically.



#### 3- Prevention Immunosuppression of Mycotoxicosis

Bio-capran contains high Concentration of Betaglukan that stimulates the immune system and prevents the immunosuppression that occurs during mycotoxicosis.

How Does Beta Glukan Work?

