

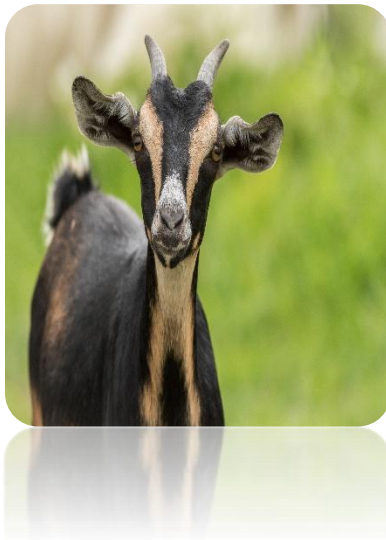
CTF Toxi Max

Toxin Binder for Feed Additive

Mycotoxins and Their Metabolites

Mycotoxins are toxic secondary metabolites produced by fungi and are commonly found in crops, feed, and food under suitable environmental and storage conditions. These toxic compounds pose a serious threat to animal health, feed safety, and production performance. Common mycotoxins include **aflatoxins**, **ochratoxin A**, **fumonisin**, **trichothecenes**, **zearalenone**, and **patulin**. After ingestion, some mycotoxins may be metabolized by animals and can later be detected in tissues, body fluids, or excreta.

Fungi responsible for mycotoxin production mainly belongs to the genera **Aspergillus**, **Fusarium**, **Penicillium**, **Alternaria**, and **Claviceps**. Among these, **Aspergillus** species are known for producing **aflatoxins** and **ochratoxin A**, while **Fusarium** species produce **fumonisin**, **trichothecenes**, and **zearalenone**. **Penicillium** species are also associated with the production of **ochratoxin A** and several other harmful mycotoxins.



Mycotoxins can develop on a wide range of substrates, including cereals, grains, fruits, and compounded feed materials. Poor handling and improper storage conditions such as excess moisture, heat, and inadequate ventilation can significantly increase fungal growth and toxin formation. Exposure to mycotoxins may result in serious negative effects on animal health and productivity, including:

- Immunosuppression
- Reduced growth rate
- Increased mortality
- Reproductive disorders
- Poor feed efficiency and reduced overall performance

CTF Toxi Max

CTF Toxi Max is a scientifically developed feed additive designed to protect livestock and poultry from the harmful effects of mycotoxin contamination in raw materials and finished feed. It combines the powerful adsorptive properties of high-purity bentonite with the biological binding action of yeast cell wall components, providing a dual-action solution to support animal health, improve feed safety, and maintain production efficiency.

Nutrient Composition

Nutrients	Quantity
Bentonite	70%
Yeast Cell Wall Content	30%

Recommended Dosage

Broiler: 1.5–2.5 kg / ton of finished feed

Layer: 1.5–2.5 kg / ton of finished feed

Dairy Cattle: 10–40 g / cow / day

Fish & Shrimp: 1–2 kg / ton of finished feed

Key Features

- High affinity for mycotoxins
- Excellent adsorbent capacity
- Stable in the gastrointestinal tract
- Safe for animal consumption

Storage & Shelf Life

Store in a dry place, protected from direct sunlight.

Shelf Life: 24 months

Contact

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