



Super FEED Specialties

TÜV
AUSTRIA
HELLAS

NUTRIA HELLAS PC

NUTRIA MYCOTOXIN BINDER A (NMBA®)

NUTRIA MYCOTOXIN BINDER A is a blend of activated aluminosilicates and yeast cell walls with high capacity of binding and deactivating mycotoxins.

Aflatoxins in cattle is mainly manifested by symptoms such as depression, anorexia, reduced growth, decreased milk production, subnormal body temperature and dry muzzle. As in several other species, lesions in the liver include fatty degeneration, vacuolated liver cells, liver necrosis, bile duct proliferation, and diffuse fibrosis.

The active aluminosilicates bind the molecules of toxins with hydrogen bonds guiding in the formation of aggregates of micelles which cannot transude (pass through the gut wall) Micelles are not able to pass the gut pores.

Micelles developed by the coagulation and spheronization of the hydrophilic molecules of the aluminosilicates, positioned in the outer layer of the agglomerate, and the hydrophobic molecules of toxins positioned in the inner layer space of the agglomerate.

Yeast cell walls, having as constructive material glucomannans, are strengthening the fixation of aluminosilicate molecules to toxin molecules making more strong the bonds and almost inefficient the passing through the intestine walls.

Mycotoxin detoxification effected by the **MBA®** is almost complete for wide spectrum of polar and non-polar mycotoxins.

The elimination of Aflatoxin M1 in milk by the addition of the **MBA®** is significant and for growing and fattening animals the metabolism is improving, and the yields are improving

Suggested dosages:

**Prevention: 0,5 - 1kg/ton of feed in monogastrics, 5-10grs/haed/day inTMR for cows
1-2 grs for sheeps and goats**

**Elimination: 1,5 - 2kg/ton of feed in monogastrics, 15-20grs/haed/day inTMR for cows
3-6 grs for sheeps and goats**

**Treatment: 2,5 - 3kg/ton of feed in monogastrics, 25-30grs/haed/day inTMR for cows
5-8 grs for sheeps and goats**

Packing 25 Kgs paper multiline bags

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