

## NOVASIL PLUS

### DESCRIPTION

**Novasil plus** is a natural clay of the smectite group. It is a 2:1 layer lattice phyllosilicate clay rich in calcium montmorillonite. This 2:1 type of clay consists of a layer of octahedral aluminum sandwiched between two sheets of tetrahedral silica. These clay minerals have a characteristic negative surface charge on their platelets. This negative charge is neutralized by  $\text{Ca}^{2+}$  cations that are attracted into the interlayer regions. The cations in turn cause water to enter the interlayer region of the clay and make it swell. The interlayer regions and other surface characteristics have been established to contribute importantly to the efficacy with which Novasil Plus binds aflatoxins.

### PRINCIPLES

**Novasil plus** binds aflatoxins, thus preventing their uptake in the gastrointestinal tract.

### FEATURE

- A Natural Clay rich in calcium montmorillonite min 95%.
- Specially binds aflatoxins and fumonisins.
- The most studied and proven mycotoxin binder.

### KEY BENEFITS

- Natural clay that specifically binds aflatoxins
- Strong preference and binding capacity for aflatoxins
- High efficacy in aflatoxin binding
- Long-term safety

### DOSAGE AND ADMINISTRATION

1- 3 kg/ MT of feed (0.1 to 0.3%) depending on aflatoxin level in feed.

- 0.1 % aflatoxin Level 80-100 ppb.
- 0.25 % aflatoxin Level up to 3750 ppb.

**Young animals and breeders:** start from 2 kg/ MT

**Dairy Cows:** 1- 2 kg/ MT

### SAFETY

Novasil plus did not bind with Nutrients or negatively affect performance or health of animal.

### SHELF LIFE

3 Years

### PACK SIZE

25 KG Bag