



## KORMOMIX® – MOS

PREBIOTIC

### Identification

Kormomix-MOS is applied for normalization of intestinal microflora and optimization of digestive process. It can be used as alternative to feed antibiotics; together with feed antibiotics to increase their efficacy; in antibiotic cycling programs.

### Main characteristics:

The product is a combination of mannan-oligosaccharides (MOS) and  $\beta$ -glucans, amino acids and vitamin B complex.

Composition	Content, %
Glucano-mannans, including activated mannan-oligosaccharides	not less than 25% up to 8%
Proteins, including amino acids	up to 45% up to 38%
Vitamin B complex	up to 640 mg/kg

### Biological properties

Mannan-oligosaccharides with the help of mannose residues are bound to bacterial receptors. Bacteria with blocked receptors can not fix on the surface of epithelial cells and pass through gastrointestinal tract. Inner surface of gastrointestinal tract is cleared to develop beneficial microflora. It is expressed by reduction the frequency and severity of diarrhea.  $\beta$ -glucans activate either tissue immunity, protecting the body from antigens invasion or systemic immunity, destroying foreign genetic material, penetrated into the body, and leading to immunorestitution.

### Advantages of Kormomix-MOS:

- ◆ increases animal productivity
- ◆ reduces cost of feed per unit
- ◆ improves animal immune system; reduces occurrence of diarrhea
- ◆ has no contra indications and does not build tolerance
- ◆ safe and not toxic for agricultural animals and poultry even with multiple overdose
- ◆ does not accumulate in animal organs, tissues and agricultural products
- ◆ fully compatible with feed components and feed additives
- ◆ is mixed well, can withstand pelleting and extrusion

### Consumption rates of Kormomix-MOS

Animal	Kormomix-MOS
Broilers	0,5-1,0 kg/ton
Layers	0,2 kg/ton
Preweaning and weaning piglets	0,5-1,0 kg/ton
Sows	0,5-1,0 kg/ton
Feeder swines	0,5-1,0 kg/ton
Calves till 6 months	5-10 gr/animal
Cows, feeder cattle	10-20 gr/animal

Package: 20 kg bags

Warranted term of storage: 6 months at temperature from -30°C to +30°C

## FUNGISORB™

MYCOTOXIN BINDER

### Identification

A feed additive to absorb mycotoxins in the feed of agricultural animals and poultry.

### Main characteristics

Composition	%	Action
Activated sodium aluminum silicate	up to 47%	Binding of wide range of mycotoxins and their removal from organism
Silica dioxide	up to 19%	
Mannan-oligosaccharides (MOS)	up to 1%	Binding and removal of pathogenic microflora (Salmonella, Streptococcus, Staphylococcus, etc.)
Saccharomyces cerevisiae cell walls	up to 20%	Stimulation of immune system and appetite
Alpha-amylase	112500 U/kg	Increase of feed nutrients availability by reduction of chime viscosity
Metalloprotease (EC 3.4.24.4)	7200 U/kg	Prevention of fungi development, enhancing of feed digestibility, reduction of feed conversion ratio, stimulation of lactobacilli development
Serine proteinase (EC 3-4.21.14)	1800 U/kg	
Bioflavonoid complex of diquertin and dihydroquercetin	1,2%	Stimulation of immune system, antiviral action, antioxidant action, antistress action, anti-inflammatory action, hepatoprotective action

### Biological properties:

Activated sodium aluminum silicate, silica dioxide, mannan-oligosaccharides bind wide range of mycotoxins and remove them from the organism. Amylase helps to reduce chime viscosity caused by moisture retaining capacity of mineral sorbents. Complex of proteases has fungicidal activity, prevents development of fungi, improves digestibility of protein feed ingredients.

### Advantages of Fungisorb:

- ◆ a complex product, therefore it affects wide range of mycotoxins
- ◆ improves digestibility of mineral substances
- ◆ improves feed palatability and digestibility
- ◆ enhances animal immune system
- ◆ increases productivity, enhances general well-being of animals and poultry

### Consumption rates of Fungisorb

Animal	Consumption rate
Poultry, pigs	0,5-1,0 kg/ton of feed (at low or medium degree of feed contamination with mycotoxins)
	1,0-3,0 kg/ton of feed (at high degree of feed contamination with mycotoxins)
Cattle	20-30 gr per animal/day

Package: 20 kg bags

Warranted term of storage: 6 months at temperature from -30°C to +30°C