

# AGRIMOS®

MOS & BETA-GLUCANS YEAST CELL WALL

**AGRIMOS®** is a specific combination of manno-oligosaccharides (MOS) and  $\beta$ -glucans extracted from the yeast cell walls of *Saccharomyces cerevisiae*.

**MOS** are natural oligosaccharides, composed of various mannan chains, that may aid decrease the colonisation of undersirable bacteria within the digestive tract of the animal.

**$\beta$ -glucans**, essential components of yeast cell walls, are particularly important to support the non-specific immune system of the animal.

**AGRIMOS®** is obtained by the autolysis of yeast cells at high temperature and at a controlled pH. After yeast autolysis is completed, cell wall and yeast extracts are separated by centrifugation, and the cell wall component is spray dried.

## PHYSICAL PROPERTIES

### APPEARANCE:

- Light tan powder
- Density : > 450 g/L

### APPLICATION:

- **AGRIMOS®** has been formulated to ensure optimal flow within the industrial process and an homogenous distribution in premixes.
- **AGRIMOS®** is compatible with most of the ingredients and additives usually used in the manufacture of animal feeds.

## NUTRITIONAL ANALYSIS

### SPECIFICATIONS

• Moisture	max. 8 %
• Ash	max. 6 %
• Protein (N x 6,25)	max. 25%
• pH	4-7

### GLUCOSIDIC COMPOSITION

• Mannans	min. 24 %
• Beta-Glucans	typ. 25 %

### TYPICAL NUTRITIONAL DATA

• Carbohydrates	typ. 50 %
• Crude fibre	max. 3 %

### MINERALS

• Phosphorus	0.5 %
• Potassium	1.1 %
• Calcium	0.1 %
• Magnesium	0.1 %
• Sodium	0.4 %
• Iron	132 ppm
• Zinc	79 ppm
• Manganese	20 ppm
• Copper	18 ppm
• Cobalt	< 0.2 ppm

## MICROBIOLOGICAL SPECIFICATIONS

• Total plate count	15 000 CFU*/g	• <i>Salmonella</i> sp	Negative/25g
• Yeast and Moulds	< 1 000 CFU*/g	• <i>E. coli</i>	< 10 CFU*/g
• Coliforms	< 100 CFU*/g		

\* Colony forming units

## INCLUSION RATE

AGRIMOS® is an ingredient which has to be exclusively used for the manufacture of feeding stuffs.

### AGRIMOS®, incorporation continuously into feed

#### SWINE

• Sows	1 to 2 Kg/ton
• Piglets	1 to 2 Kg/ton
• Fattening Pigs	0.5 to 1 Kg/ton

#### DUCKS

	1 Kg/ton
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#### BROILERS

• Starters & Growers	1 Kg/ton
• Finishers	0.5 Kg/ton

#### LAYERS

	0.5 Kg/ton
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#### CALVES

	1 to 2 Kg/ton
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#### PETFOOD

	1 to 2 Kg/ton
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#### RABBITS

	2 Kg/ton
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#### LAMBS & KIDS

	1 to 2 Kg/ton
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#### AQUACULTURE

	1 to 2 Kg/ton
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#### HORSES

	1 Kg/ton
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## SECURITY OF USE

AGRIMOS® is a totally non toxic feed ingredient. It leaves no residue and is compatible with other feed components.

AGRIMOS® is stable in all the types of animal feed : flour, pellets or liquids.

AGRIMOS® can be stored at least 24 months after the manufacturing date in a cool dry place.

## PACKAGING

25 kg bags with polyethylene liner.