

# Specification Sheet



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

MOS are natural oligosaccharides, composed of various mannose chains, that block pathogen colonization within the digestive tract of the animal. Pathogens attach themselves to the cell wall of the host animal's hind gut where they have a negative impact on the animal's health and performance. The control of such pathogens presents an obvious benefit to maintaining good animal health and preventing serious diseases. The interest in this application is in limiting pathogen invasion by acting at the bacterial attachment level (essential for infection.)

$\beta$ -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 cell wall is spray dried.

*Agrimos MOS &  $\beta$ -glucan yeast extract is approved for use in organic agriculture*



**SPECIFICATIONS**

Humidity.....max 8 %  
 Ash.....max 6%  
 Protein (N x 6.25).....30% +/- 3%  
 pH.....5.0-7.5

**GLUCOSIDIC COMPOSITION**

Mannans.....21% typ.  
 Beta Glucans.....24% typ.

**TYPICAL NUTRITIONAL DATA**

Carbohydrates.....40-50% typ.  
 Fiber.....max 3%

**MINERALS**

Phosphorus.....0.5%  
 Potassium.....1.10%  
 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

**MICROBIAL SPECIFICATIONS**

Total Plate Count.....1500 CFU/g  
 Yeast and Molds.....100 CFU/g  
 Coliforms.....Negative/g  
 Salmonella sp.....Negative / 25g  
 E. Coli.....Negative / g

**PACKAGING**

25 kg bag with polyethylene liner.

**DISCLAIMER OF WARRANTY**

Buyer assumes all responsibilities for use, storage, and handling of the product upon receipt. LANNA accepts no responsibility for conditions and uses by buyer which are beyond the control of LANNA. The foregoing warranty is in lieu of all other warranties and conditions, expressed or implied. LANNA's entire obligation under the limited warranty shall not exceed the total amount paid for the product.

**AGRIMOS, INCORPORATION CONTINUOUSLY INTO FEED**

**PIGS**

Piglets.....2kg/ton  
 Fattening Pigs.....1kg/ton  
 Sows.....2kg/ton

**BROILERS**

Starters.....2kg/ton  
 Growers.....1kg/ton  
 Finishers.....0.5 kg/ton

LAYERS.....0.5 kg/ton

DUCKS.....1 kg/ton

RABBITS.....2 kg/ton

CALVES.....2kg /ton

FATTENING LAMBS... 1 to 2 kg/ton

FISH.....0.5 to 1 kg/ton

DAIRY COWS..5 to 20 g/head/day

