



natural
biologics®
solutions by nature

PROVILLI FACTS

- MOS for effective pathogen binding in the GI tract to reduce gut challenges.
- Beta glucan to improve immune response.
- Concentrated yeast culture for efficient gut function.

► Product Description:

Provilli is an all-natural, highly concentrated blend of yeast components. This unique blend of complex carbohydrates and yeast culture metabolites helps improve gut efficiency and nutrient digestibility while increasing nitrogen retention, reducing gut pathogens and supporting immune function.

Provilli blends active compounds from all-natural sources into a highly concentrated form.

► Modes of Action:

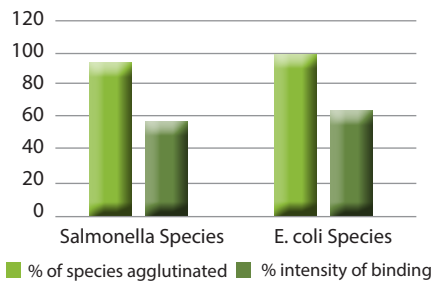
MOS – The MOS components of Provilli provide effective pathogen binding in the GI tract. Tested against dozens of *E. coli* and *Salmonella* strains, Provilli is proven to bind 95% to 100%

of the different strains evaluated (Figure 1). In the animal, this prevents the pathogens from attaching to the gut lining and establishing an infection.

Beta Glucan – Beta glucan is unique and highly effective at modulating immunity to improve responsiveness in both the innate and adaptive branches of the immune system. This leads to rapid elimination of health challenges and the longer-term benefits of improved response to vaccination.

Yeast Culture – Provilli contains a highly concentrated dose of yeast culture. With no carrier or media, the yeast culture provides a concentrated source of nucleotides, peptides and digestible protein for more efficient gut function.

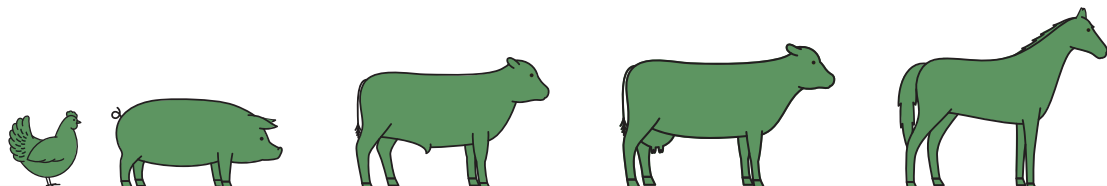
Figure 1. Binding Effectiveness Against Pathogens



See how Provilli can impact the overall health and productivity of your animals, while keeping your rations costs low.

Visit naturalbiologics.com today.

© Natural Biologics, Inc. 2022. All Rights Reserved
Natural Biologics, Solutions by Nature, and
Natural Biologics logo are trademarks of
Natural Biologics, Inc., Newfield, NY USA.



To learn more, visit naturalbiologics.com or 844.NAT.BIOL (628.2465)



natural
biologics®
solutions by nature

PROVILLI



► Product Description:

Provilli is an all-natural, highly concentrated product derived from *Saccharomyces cerevisiae*, including yeast culture and hydrolyzed yeast. The biologically active compounds from these natural sources have well-established benefits for animal health and productivity.

► **Ingredient Composition:** Yeast Culture, Yeast Extract and mineral oil.

► **Purpose:** Provilli is to be used as a supplement to complete diets for all classes of livestock, poultry, swine and companion animals.

► Feeding Directions:

To be included in complete diets according to the general guidelines below, or as recommended by a qualified nutritionist.

Typical Analysis: request from manufacturer

Density: 31 - 34 lb/cu Ft

Appearance: Light brown, free-flowing powder

Packaging: 55.1 lb. (25 kg) bags

Shelf Life: Two years from date of manufacture when stored in a cool, dry place in the original package.

Precautions: Use only as directed. Avoid inhalation of dust.

Guaranteed Analysis:		
Crude protein	not less than	35.0%
Crude fat	not less than	2.0%
Crude fiber	not more than	6.0%
Moisture	not more than	10.0%
Ash	not more than	6.0%

► Dairy Cattle

Calf Starter Grain	1.5 kg/MT (3.0 lbs/ton)*
Calves	1 g/hd/d
Growing Heifers	2 g/hd/d
Pregnant Heifers	2 g/hd/d
Dry/Prefresh Cows	4 g/hd/d
Lactating Cows	3 g/hd/d

► Beef Cattle

Calves	1 g/hd/d
Receiving Calves	3 g/hd/d
Stocker/ Backgrounder	1 g/hd/d
Growers/Finishers	2 g/hd/d
Finishers heat/cold stress	4 g/hd/d
Brood Cows	3 g/hd/d

► Swine

Starters (to 25 pounds)	0.25 kg/MT (0.5 lbs/ton)*
Growers/Finishers	0.5 kg/MT (1 lbs/ton)*
Pregnant Sows	1 kg/MT (2 lbs/ton)*
Lactating Sows	1 kg/MT (2 lbs/ton)*

Companion Animals

► Dogs

<10 lbs. body weight	0.1 g/hd/d
10-50 lbs.	0.25 g/hd/d
50+ lbs.	0.5 g/hd/d
Senior	0.5 g/hd/d
All Stages	2 kg/MT (4.0 lbs/ton)*

► Cats

House	0.1 g/hd/d
Farm	0.25 g/hd/d
All Stages	1.5 kg/MT (3.0 lbs/ton)*

► Chickens

Broiler Starter	0.05 kg/MT (0.1 lbs/ton)*
Grower/Finisher	0.1 kg/MT (0.2 lbs/ton)*
Layer Starter	0.05 kg/MT (0.1 lbs/ton)*
Layer Grower	0.1 kg/MT (0.2 lbs/ton)*
Complete Lay Cycle	0.1 kg/MT (0.2 lbs/ton)*
Breeder	0.1 kg/MT (0.2 lbs/ton)*

► Turkey

Starter	0.1 kg/MT (0.2 lbs/ton)*
Grower/Finisher	0.1 kg/MT (0.2 lbs/ton)*

► Equine

Foals	1 g/hd/d
Pregnant/Working/Show	3 g/hd/d
Stallion	3 g/hd/d
Draft	4 g/hd/d
Senior	3 g/hd/d
All Phases	2.0 kg/MT (4 lbs/ton)*

► Sheep/Goats

Kids	0.5 g/hd/d
Bummers (until weaned)	1 g/hd/d
Grower/Finisher	1 g/hd/d
Lactating	1.5 g/hd/d

* Amount to be included in complete feed

