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## PROVILLI FACTS

- MOS for effective pathogen binding in the GI tract to reduce gut challenges.
- Yeast 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:

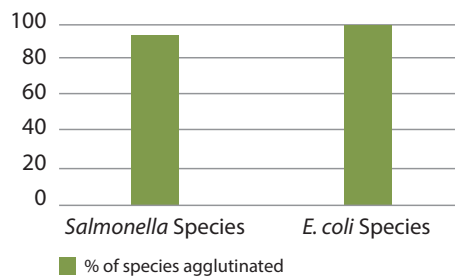
**MOS** – The MOS components of Provilli provide effective pathogen binding in the GI tract. Tested against dozens of *E. coli* and *Salmonella* strains, Provilli is proven to bind 95% to 100%

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 highly effective at modulating both the innate and adaptive branches of the immune system. This leads to priming, or preparing, the innate immune system to respond to pathogen challenges while also supporting longer-term antibody responses from the innate immune system.

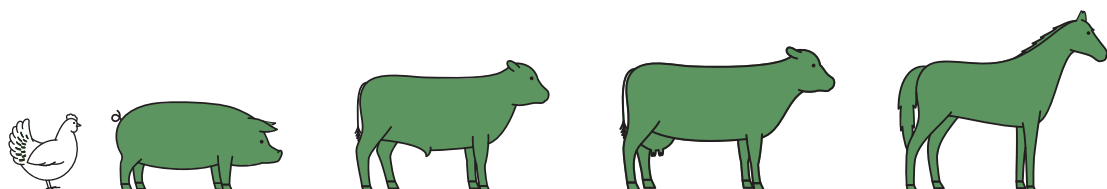
**Yeast Culture** – Provilli contains a highly concentrated dose of yeast culture. With no carrier, the yeast culture provides a concentrated source of nucleotides, peptides and digestible protein for more efficient gut function.

Figure 6. Binding Effectiveness Against Pathogens



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

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# 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:** Hydrolyzed Yeast, Yeast Culture and mineral oil.

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

**Density:** 31-34 lb/cu Ft (500-545 kg/m3)

**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.

► **Dairy Cattle**

Calf Starter Grain	1.5 kg/MT
Calves	1 g/hd/d
Growing Heifers	2 g/hd/d
Pregnant Heifers	2 g/hd/d
Dry/Prefresh Cows	6 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)	100 g/ton
Growers/Finishers	100 g/ton
Pregnant Sows	100 g/ton
Lactating Sows	100 g/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

► **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

	Guaranteed Analysis		Typical Analysis
Crude protein	not less than	35.0%	41.0%
Crude fat	not less than	2.0%	4.0%
Crude fiber	not more than	6.0%	3.0%
Moisture	not more than	10.0%	6.0%
Ash	not more than	8.0%	6.0%

