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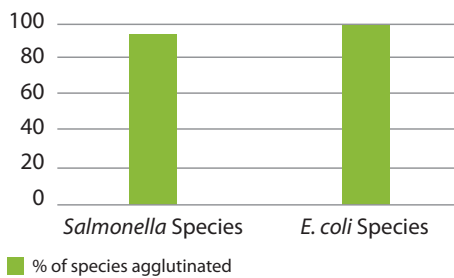
NAVERDE™ FACTS



- MOS for effective pathogen binding in the GI tract to reduce intestinal challenges.
- Beta glucan to support robust immune response.
- Readily available nucleotides to support rapidly growing tissues.
- USDA certified organic.



Figure 1. Binding Effectiveness Against Pathogens



► Product Description:

Naverde is an all-natural blend of hydrolyzed yeast and highly concentrated yeast cell wall. This blend of complex carbohydrates, nucleotides and peptides reduces enteric pathogen challenges, improves digestive efficiency, supports the immune system and lowers gut inflammation. Naverde is produced with no carriers or fillers, which facilitates its incorporation into any animal's diet.

► Modes of Action:

MOS – The mannan oligosaccharides in Naverde provide effective pathogen binding in the GI tract. Tested against dozens of *E. coli* and *Salmonella* strains, Naverde 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.

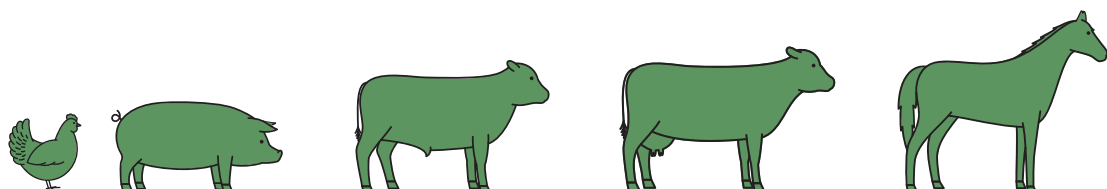
Beta Glucan – Beta glucan is highly effective at modulating both the innate and adaptive branches of the immune system. This leads to priming, or preparing, the innate immune system to respond to pathogen challenges while also supporting longer-term antibody responses from the innate immune system.

Nucleotides – Nucleotides are the building blocks of DNA in rapidly proliferating tissues, like the intestines in young animals. A rich source of free nucleotides reduces the constraints and allows these tissues to grow unimpeded.

See how Naverde can impact the overall health and productivity of your animals while supporting your organic production.

Visit naturalbiologics.com today.

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► **Product Description:**

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

► **Ingredient Composition:** Hydrolyzed yeast, yeast extract and organic soybean oil.

► **Purpose:** Naverde 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 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	Minimum	32.0%
Crude fat	Minimum	2.0%
Crude fiber	Maximum	5.0%
Moisture	Maximum	10.0%
Ash	Maximum	9.0%

NAVERDE™



► **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)	100 g/ton (0.2 lbs/ton)*
Growers/Finishers	100 g/ton (0.2 lbs/ton)*
Pregnant Sows	100 g/ton (0.2 lbs/ton)*
Lactating Sows	100 g/ton (0.2 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	100 g/ton (0.2 lbs/ton)*
Grower/Finisher	100 g/ton (0.2 lbs/ton)*
Layer Starter	100 g/ton (0.2 lbs/ton)*

Layer Grower 100 g/ton
(0.2 lbs/ton)*

Complete Lay Cycle 100 g/ton
(0.2 lbs/ton)*

Breeder 100 g/ton
(0.2 lbs/ton)*

► **Turkey**

Starter	100 g/ton (0.2 lbs/ton)*
Grower/Finisher	100 g/ton (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

