

# ProbioticWise™

**Cutting-edge  
blend of prebiotics  
and probiotics.**



## General Information

ProbioticWise supports both the health of the horse and a beneficial microbial environment.

ProbioticWise offers the following benefits beyond those of other probiotics:

### **20 billion CFU per ounce of *Saccharomyces boulardii* that:**

- Withstands gastrointestinal transit, thereby remaining viable
- Supports a direct antitoxin effect on the disease-causing agents secreted by *Clostridium difficile*
- Maintains direct antimicrobial activity on pathogens such as *E. coli* and salmonella
- Supports the stimulation of mucosal enzymes that increase starch digestibility in the small intestine, reducing escape starches from causing hindgut imbalances (acidosis)
- Maintains improved functionality and healing of damaged mucosal lining

### **2,500 mg per ounce of quantifiable fermentation metabolites, including mannanoligosaccharides (MOS) and beta-glucans, that:**

- Sustain immunomodulatory properties that stimulate and balance the immune system
- Support the agglutination of the pathogenic bacteria *E. Coli* and salmonella, preventing adhesion to the host tissue and the establishment of viable populations

## Indications

### **Foal scours.**

To establish a healthy population of microflora in young foals, supplement with ProbioticWise from days 1 through 10 of life. To decrease the severity of diarrhea resulting from normal foal heat scours, begin a high dose immediately upon the onset of symptoms. To

support foals with scours/diarrhea related to infection, ProbioticWise can be administered along with meds and other supportive measures. Administration amounts and durations will vary depending on the age of the foal, and the severity of infection and fever. Foals that have been maintained on ProbioticWise prior to infection will improve at a faster rate than those started on the product at the onset of symptoms. Prophylactic measures are recommended in times of stress or when exposure to pathogens increases.

### **Acute or chronic adult onset diarrhea.**

Addressing diarrhea in horses can be frustrating because the underlying source of the problem is often hard to determine. The ingredients in ProbioticWise have been research-proven to support an intestinal environment in which the factors that cause diarrhea are greatly reduced or removed completely, regardless of source. ProbioticWise should be administered immediately upon onset of symptoms. In individuals with a history of diarrhea, maintenance levels should be provided daily. In the case of infectious diarrhea, ProbioticWise can be administered along with meds and supportive therapy. Administration rates and duration will depend on severity of illness and immune status.

### **Horses at risk for developing digestive dysfunction.**

Horses challenged by dietary changes, illness or injury (particularly in the case of a clinic stay or antibiotic therapy) and periods of stress (competition, shipping, convalescence) face an increased risk of digestive dysfunction. In situations where stress can be anticipated, ProbioticWise should be administered one week in advance of the challenge and continued for 3 to 5 days past the end of the stressful period. The administration of a daily maintenance dose is recommended for horses with a history of colic, diarrhea, and hindgut acidosis.

## Dosage and administration

### **SERVING INSTRUCTIONS**

#### **ProbioticWise™ powder:**

1 scoop = 1 ounce

Mix recommended amount in total daily ration.

#### **Adult horses**

- Daily maintenance: 1 scoop (1 oz) per day.
- To support horses during competition, training or shipping: 2 scoops (2 oz) per day.
- To support restoration of normal gut function: 3 to 4 scoops (3 to 4 oz) daily for 3 to 5 days and then reduce to 2 scoops (2 oz) thereafter.

In horses experiencing digestive problems, a veterinarian

may recommend higher levels for short-term use. Consult with your veterinarian for any use above 3 scoops (3 oz) per day. Do not exceed 6 scoops (6 oz) per day.

### Foals (newborn to 11 months)

- To support digestive tract health in newborn foals: 1 scoop (1 oz) daily from 1 through 10 days of age.
- To support restoration of normal gut function in foals: 2 scoops (2 oz) daily for 3 to 5 days and then reduce to 1 scoop (1 oz) daily thereafter. Do not exceed 2 scoops (2 oz) per day.

### ProbioticWise™ paste:

1 oral syringe = 60 cc

### Adult Horses

- Daily maintenance: 15cc per day.
- To support horses during competition, training or shipping: 30cc per day.
- To support restoration of normal gut function: 45cc to 60cc daily for 3 to 5 days and then reduce to 30cc thereafter.

In horses experiencing digestive problems, a veterinarian may recommend higher levels for short-term use. Consult with your veterinarian for any use above 45cc per day. Do not exceed 90cc per day.

### Foals (newborn to 11 months)

- To maintain digestive tract health in newborn foals: 15cc daily from 1 through 10 days of age.
- To support restoration of normal gut function in foals: 30cc daily for 3 to 5 days and then reduce to 15cc thereafter. Do not exceed 30cc per day.

### AVAILABLE SIZES

2.5-lb bucket (contains 40 scoops)

9.5-lb bucket (contains 152 scoops)

60 cc oral syringe (contains 4 servings)

### SAFETY

ProbioticWise is recommended for foals and horses of all ages and life stages. Caution should be used when administering to patients with severely compromised immune systems. Use caution when mixing and feeding around intravenous catheter sites, to reduce the risk of yeast infections.

To ensure the efficacy of ProbioticWise, store in a cool, dry place. Reseal lid or replace cap during storage. Shelf life is 18 months from date of manufacture when stored under suitable conditions.

## ACTIVE INGREDIENTS

### ProbioticWise powder, per ounce

Fermentation metabolite..... 2,500 mg

*Saccharomyces boulardii* ..... 20 billion CFU

### ProbioticWise paste, per tube (60cc)

Fermentation metabolite..... 10,000 mg

*Saccharomyces boulardii* ..... 80 billion CFU

## INGREDIENTS

### *Saccharomyces boulardii*

*S. boulardii* is a viable probiotic because it is able to withstand gastrointestinal transit and is not denatured by an acidic gastric environment. Many direct-fed microbials are denatured long before they get to the hindgut. *S. boulardii* supports a direct antitoxin effect on disease-causing agents secreted by *Clostridium difficile*. *S. boulardii* also exhibits direct antimicrobial activity on pathogens such as *E. coli* and salmonella. *S. boulardii* supports improved functionality and healing of damaged mucosal lining. It secretes factors that support the repair of damaged epithelium. This speeds recovery time from colonic ulcers and damaged gut tissue. *S. boulardii* supports the stimulation of mucosal enzymes that increase starch digestibility and decrease the risk of hindgut acidosis.

### *Saccharomyces cerevisiae*

*S. cerevisiae* is an important prebiotic that supports the growth and health of beneficial microflora populations. It supports optimal nutrient digestibility and feed efficiency.

### Fermentation metabolites, including MOS and beta-glucans

The fermentation metabolites found in ProbioticWise are separated from the yeast cell wall utilizing a proprietary blend of enzymes in an all-natural process. This process yields very high quality metabolites. The MOS and beta-glucans present have immunomodulatory properties that balance and stimulate the immune system, as well as inhibit bacterial adhesion to host tissues. Research has shown the ability of this ingredient to bind to both salmonella and *E. coli*, reducing its ability to effectively colonize the gut. *In vivo* models indicate that beta-glucans support survival against pathogenic infections and reduce trauma-related complications.

Developed by:



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