

Peloton® Yeast

Feed Additive for Multiple Species

- Scientifically formulated to help maintain rumen health and digestive efficiency
- Thermal stable blend of *Saccharomyces cerevisiae* and Fulfill® feed additive

Nutritional programs are designed to optimize animal performance and production efficiency. Inclusion of functional ingredients, such as prebiotics, probiotics, plant extracts and specialty flavorings are typically directed at supporting optimal gut integrity. High gut integrity contributes to optimized endogenous secretions which support digestion and nutrient absorption. High gut integrity also requires less energy expenditure for maintenance; therefore, more nutrients are available for production parameters.

Strategies that combine these tools are often needed to ensure success. Peloton® Yeast feed additive is a thermal stable blend of *Saccharomyces cerevisiae* and Fulfill® feed additive, a yeast cell wall product. Metabolites produced by the yeast in vivo help maintain the growth of fiber and lactate-digesting bacteria in the rumen and contribute to microbial protein flow from the rumen to the lower GI tract.

FEATURES	BENEFITS
Thermal stable yeast encapsulation	Maintains effectiveness of yeast during pelleting
<i>Saccharomyces cerevisiae</i> yeast	Optimized feed digestibility, feed intake and animal performance
Fulfill® feed additive	Mannans (MOS) and beta-glucans support gut integrity and immune-competence

In a meta-analysis on the supplementation of *Saccharomyces cerevisiae* in dairy cattle diets, organic matter digestibility was improved and lactic acid concentrations in the rumen were reduced. These positive changes are attributed to microbial shifts towards fiber and lactate-digesting bacteria with the overall result being improvements in dry matter intake and animal performance (Table 1: Desnoyers et al., 2009).

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TABLE 1: Meta-analysis of the effect of yeast supplementation on intake and milk production (J. Dairy Sci. 92: 1620-1632).

ITEM	NUMBER OF EXPERIMENTS	NUMBER OF TREATMENTS	TREATMENT ¹		P-VALUE
			CONTROL	YEAST	
DMI (g/kg of BW)	47	114	34.6	35.0	<0.05
Milk yield (g/kg of BW)	59	136	46.5	47.7	<0.001
Milk fat content (%)	57	131	3.8	3.85	<0.10
Milk protein content (%)	52	121	3.2	3.19	≥0.10

¹Treatment values are given as least squares mean.

Recommended Inclusion Level

BEEF CATTLE	
Creep feed	Include at the rate of 5.5 lbs per ton of complete feed.
Starting/Receiving cattle	Feed at the rate of 0.36 oz/head/day.
Mature cattle	Feed at the rate of 0.25 oz/head/day.
Stocker cattle	Feed at the rate of 0.25 oz/head/day.
Grower and finisher	Feed at the rate of 0.25 to 0.43 oz/head/day.
Breeding animals	Feed at the rate of 0.25 oz/head/day.
Show feeds	Feed at the rate of 0.43 oz/head/day.
DAIRY CATTLE	
Mature cattle	Feed at a rate of 0.5 oz/head/day.
Heifers and young stock	Feed at a rate of 0.25 oz/head/day.
SHEEP AND GOATS	
Mature animals	Feed at a rate of 0.11 to 0.18 oz/head/day.
Young stock	Feed at a rate of 0.04 to 0.07 oz/head/day.
EQUINE	
Mature animals	Feed at the rate of 0.5 oz/head/day.
Young stock	Feed at the rate of 0.13 to 0.25 oz/head/day.
SWINE	
Nursery	Include at the rate of 2.0 to 4.0 lbs per ton of complete feed.
Grower and finisher	Include at the rate of 1.0 to 2.0 lbs per ton of complete feed.
POULTRY	
Broilers and turkeys	
Starter	Include at the rate of 2.0 to 2.5 lbs per ton of complete feed.
Grower and finisher	Include at the rate of 1.0 to 1.25 lbs per ton of complete feed.
Layers	
Pullet starter	Include at the rate of 2.0 to 3.0 lbs per ton of complete feed.
Layers	Include at the rate of 1.0 to 1.5 lbs per ton of complete feed.

To learn more about Peloton®, visit FortivaImpact.com or talk to your Fortiva representative.