

PELTON®

YEAST

FEED ADDITIVE

PACKAGING AND CODES

Bags, net weight 40 pounds
Code: Nutra Blend C21282A2

Available from:
Nutra Blend, LLC,
Neosho, MO 64850
800-657-5657

Nutra Blend West,
Madera, CA 93637 / 503-982-9545
Hubbard, OR 97032 / 559-661-6161

Nutra Blend East,
North Troy, VT 05859
800-945-4474

PMI develops innovative combinations of animal feed additives that optimize performance in poultry, swine, dairy and beef cattle by supporting nutrient utilization and gut health. Working with feed nutritionists, manufacturers, veterinarians and producers, PMI products harness the interactions between feed additives to deliver value, efficacy and strong results. Through a comprehensive innovation approach, across component verticals, species, and geographies, PMI leverages the most advanced ingredients and technologies to develop products that perform.



PMI
4001 Lexington Ave N
Arden Hills, MN, 55126
www.pmiadditives.com

- ▲ Scientifically formulated to help maintain rumen health and digestive efficiency
- ▲ Thermal stable blend of *Saccharomyces cerevisiae* and PMI 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. Strategies that combine these tools are often needed to ensure success. High gut integrity contributes to optimized endogenous secretions which supports digestion and nutrient absorption. High gut integrity also requires less energy expenditure for maintenance therefore, more nutrients are available for production parameters.

Peloton® Yeast Feed Additive is a thermal stable blend of *Saccharomyces cerevisiae* yeast and PMI 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, as well as 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, supports feed intake, and animal performance.
PMI 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

DAIRY AND BEEF CATTLE	INCLUSION LEVEL
Mature cattle	0.5 oz./head/day
Young and growing cattle	0.25 oz./head/day
SHEEP AND GOATS	INCLUSION LEVEL
Mature animals	3 – 5 g/head/day
Young stock	1 – 2 g/head/day
EQUINE	INCLUSION LEVEL
Mature animals	0.5 oz./head/day
Young stock	0.125 – 0.25 oz./head/day
SWINE	INCLUSION LEVEL
Grower and finisher	1 – 2 lbs. per ton of feed
Nursery	2 – 4 lbs. per ton of feed
POULTRY	INCLUSION LEVEL
Broilers and turkeys	
Grower and finisher	1 – 1.25 lbs. per ton of feed
Starter	2 – 2.5 lbs. per ton of feed
Layers	
Layers	1 – 1.5 lbs. per ton of feed
Pullet starter	2 – 3 lbs. per ton of feed