

FULFILL[®]

FEED ADDITIVE

PACKAGING AND CODES

Bags, net weight 55.1 pounds
Code: Nutra Blend M387-55-PHL-1

Totes, net weight 1650 pounds
Code: Nutra Blend 5144-PHL-1

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

- ▲ A prebiotic derived from the cell wall of a single source of food-grade *Saccharomyces cerevisiae*
- ▲ An excellent source of prebiotic polysaccharides and beta glucans to optimize immuno-competence and animal performance in swine, poultry, cattle and horses

Nutritional programs are designed to optimize animal performance and production efficiency. Inclusion of functional ingredients such as direct-fed microbials, plant extracts, essential oils and antibiotic growth promoters are all directed at helping ensure optimal gut integrity. Strategies that combine these tools are often needed to ensure success.

High gut integrity results in longer villi and thinner intestinal membranes. This provides for greater surface area for digestion and nutrient absorption. High gut integrity also requires less energy expenditure for maintenance; more nutrients are available for production parameters.

Fulfill[®] Feed Additive (Fulfill[®] FA) consists of prebiotic polysaccharides obtained from food grade yeast extract, providing glucans, mannans, quitines and galactans. These are functional nutrients that support immuno-competence and gut integrity for overall animal performance.

FEATURES	BENEFITS
Pellet and extrusion stable	Flexible manufacturing
Feed additive	Optimal animal performance
Supports gut integrity which may result in optimal sized villi and gastro-intestinal membranes	No withdrawal period required
Single-source human food grade fermentation site with regular analyses	Stable and consistent source of the yeast cell wall material
High quality control and quality assurance program and procedures in place	Product quality is critical to ensuring consistent and repeatable animal performance results

Fulfill[®] FA is from a human food grade yeast extract fermentation site in the USA and is produced under strict quality control measures with routine analyses and with full traceability. This ensures a consistent and high quality product minimizing any variation in glucan and mannan contents. A typical analysis for Fulfill[®] FA is min 18% crude protein, 20-26% beta-glucans, and 20-26% mannans.

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RECOMMENDED INCLUSION LEVEL

SPECIE	PRODUCTION PHASE	INCLUSION LEVEL (lb./ton feed)
Swine	Starter	2
	Grower	1
	Finisher	0.5
	Gestation/Lactation	1
Poultry	Starter	Broilers: 2 Turkeys: 2
	Grower	Broilers: 0.5-1 Turkeys: 1
	Finisher	Broilers: 0.5 Turkeys: 1
	Breeder (during lay)	Broilers: 2 Turkeys: 2
	Starter	Layers: 2
	Grower	Layers: 1
	Developer/Pre-Lay	Layers: 1
	During Lay	Layers: 0.5
SPECIE	PRODUCTION PHASE	INCLUSION RATE (g/h/d)
Cattle	Growing Stock – in Milk Replacer	2.5-4
	Growing Stock – in Feed	5
	Mature Stock	10
Horses	Young Stock	5
	Gestation/Lactation	10