

NutriZyme

**FOR FURTHER USE AS A DIRECT-FED MICROBIAL ADDITIVE
FOR USE IN DAIRY CATTLE FEED**

Guaranteed Analysis

(minimum guarantees unless otherwise stated)

Total Microorganisms (min) 10.14 x 10⁸ *cfu/.5 oz
(*Lactobacillus acidophilus*, *Bacillus subtilis*, *Enterococcus faecium*, *Bifidobacterium animalis*, *Bifidobacterium longum*)
Saccharomyces cerevisiae (min) 10 billion *cfu/.5 oz
Cellulase (*Trichoderma longibrachiatum*) (min)..... 8,000 *cu/.5 oz
Hemicellulase(*Trichoderma longibrachiatum*)(min)8,000 *cu/.5 oz
alpha-Amylase (*Bacillus subtilis*) (min) 8,000 * du/.5 oz
Neutral protease (*Bacillus subtilis*) (min) 4,000 *ap/.5 oz
Acid protease (*Aspergillus niger*) (min) 4,000 *sap/.5 oz
Papain (*Papaya*) (min) 2,000 *pu/.5 oz

Ingredients

Yeast extract, Active Dry Yeast (*Saccharomyces cerevisiae*), Bentonite, dried *Lactobacillus acidophilus* fermentation product, dried *Enterococcus faecium* fermentation product, dried *Bifidobacterium animalis* fermentation product, dried *Bifidobacterium longum* fermentation product, dried *Bacillus subtilis* fermentation extract, dried *Bacillus subtilis* fermentation product, dried *Aspergillus niger* fermentation extract, dried *Papaya* extract

Suggested Use

NutriZyme is intended for incorporation into dairy cattle feed. Use at a maximum rate of 0.5% in total ration. For dairy cows- .5 oz/hd/day Please consult your local nutritionist or Feed Sources for specific recommendations.

Units of Measure*

cfu: colony forming unit. **cu:** Cellulase unit, the activity that will produce a relative fluidity change of one in five minutes in a defined carboxymethyl cellulose substrate at 40°C, pH 4.5. **du:** Dextrinizing unit is defined as the quantity of alpha-Amylase that will dextrinize soluble starch in the presence of an excess of beta-Amylase at the rate of one gram per hour at 30°. **sap:** Spectrophotometric acid protease units, acid stable protease based on 30 minute. hydrolysis of a hammarsten casein substrate at 37°C, pH3.0 to liberate one micromole of tyrosine per minute. **ap:** Aminopeptidase activity units, the quantity of an amino peptidase required to liberate 1 micromole per minute of leucine from leucine p-nitroanilide at 30°, pH7.0.

Net Weight: 50 lbs. (22.7 kg)



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Storage and Shelf Life

Store in a cool dry area. Approximate shelf life is 24 months from receipt of product when stored in originally sealed package. Keep tightly closed when not in use with minimum exposure to moisture and air.

Advisory Statement

Avoid inhalation of dust. Wear a mask in case of inadequate ventilation. Wash hands thoroughly after handling. If experiencing respiratory difficulty seek medical attention.

Disclaimer

Buyer assumes all responsibilities for use, storage and handling of the product upon receipt. Feed Sources accepts no responsibility for conditions or uses beyond the control or recommendations by Feed Sources.



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This Seal indicates that this [food] product was derived from animals fed exclusively feed produced in a facility certified in the American Feed Industry Association's Safe Feed/Safe Food Certification Program; for details go to: www.safefeedsafefood.org.

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