

Product Data Sheet

Biotal® Plus

Application

Biotal Plus is a microbial inoculant to aid in the preservation of ensiled forages. The product contains the elite lactic bacteria strains *Pediococcus pentosaceus* NCIMB 12455, *Lactobacillus plantarum* NCIMB 12422 and *Propionibacterium freudenreichii* R2453 combined with a proprietary enzyme formulation for fast, efficient fermentation.

Product Formats

The product is offered as a water dispersible powders in three package sizes:

1. To treat 50 tons of fresh forage (100g)
2. To treat 200 tons of fresh forage (400g)
3. To treat 500 tons of fresh forage (1000g)

Biotal Plus is also offered in a granular, dry applied format. Liquid applied product formulations are formulated with stabilizers to ensure viability in the pack and extended tank life following rehydration.

All products are scientifically formulated and packaged in the highest specification barrier packaging materials to ensure product viability.

Benefits

Biotal Plus has been trialed extensively. Among the benefits demonstrated in independent trials are:

Corn Silage - Kansas State University; 6.1 lb more gain per ton ensiled improved fermentation characteristics

Corn Silage - Kansas State University; 3.5 lb more gain per ton ensiled improved fermentation characteristics

Alfalfa Silage - UW, River Falls, WI; Faster initial ensiling fermentation, data 5 days after bagging:

UT Control Biotal Plus

pH 5.31 4.67

Lactic acid 3.1% 6.7%

Lactic: Acetic ratio 3:1 13:1



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