



TRUE-FERM W/S 500

Product No. 2713

Form: Inoculant

A water soluble forage inoculant for grass, legumes, grain, and whole crop silage.

IMPROVING FERMENTATION THROUGH INOCULANTS

Our True-Ferm inoculants contain *Lactobacillus plantarum* and *Pediococcus pentosaceus*. These strains have been selected because they are fast growing and primarily produce lactic acid. The bacteria alter fermentation towards lactic acid production; therefore, less butyric acid, ethanol and carbon dioxide are produced. Lactic is a strong acid that rapidly decreases pH to increase fermentation rate for an end product with a lower final pH.

When feedstuffs ferment poorly, it leads to the production of large amounts of carbon dioxide which dissipates into the environment resulting in dry matter loss (shrink). True-Ferm can reduce dry matter losses by 2 – 3%. A 3% improvement in dry matter recovery means for every 500 tons of 35% dry matter silage produced, 5.25 tons of DM would be saved.

FEATURES AND BENEFITS

- *Pediococcus pentosaceus* provides rapid drop in pH for fast ensiling
- *Lactobacillus plantarum* promotes a stable final pH
- Reduced shrink resulting from an improvement in dry matter recovery
- Fast, efficient ensiling for maximum nutrient retention and better forage quality
- Extended bunk life
- Works in any storage facility: Piles, pits, bags, upright silos, bunkers, baleage
- Works on all fermented crops: Corn silage, alfalfa and grass silages, cereal silages, high moisture corn

DIRECTIONS FOR USE

One jar of TRUE-FERM W/S treats 500 tons of forage or 250 tons of high moisture grains.

10 Gallon Low Volume Applicator Tank:

Mix entire contents of each jar with 10 gallons of clean cold or cool chlorine-free water and apply at 2.56 oz/ton of fresh chop forage or 5.12 oz/ton of high moisture grains.

Spray Applicator Tank:

Mix entire contents of each jar with 125 gallons of clean cold or cool chlorine-free water and apply at 2 pint/ton of fresh chop forage or 4 pints/ton of high moisture grains.

| Guaranteed Analysis | | |
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| Total lactic acid producing bacteria (<i>Lactobacillus plantarum</i> & <i>Pediococcus pentosaceus</i>) | (Min) | 91 billion CFU/g (equivalent to 100,000 CFU/g applied to fresh crop forage or 200,000 CFU/g applied to high moisture grains) |



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