

BONSILAGE ALFA PRODUCT SPECIFICATIONS



THE ALFALFA HAYLAGE SPECIALIST

BONSILAGE ALFA rapidly lowers the pH level and provides protection against reheating in alfalfa haylages. In addition, it effectively inhibits clostridia, and it reduces the risk of butyric acid fermentation and protein degradation. It also releases propylene glycol, which has been shown to benefit cow health, especially in early lactation.

BONSILAGE ALFA

- » **Type:** Biological and water soluble silage additive
- » **Dosage:** At least 250,000 CFU/g fresh matter (FM) of forage
- » **Dry Matter Range of Crops:**
 - Alfalfa silage: 30-45% DM
 - Clover grass silage: 30-45%
- » **Strains:** Selected strains of homo- & heterofermentative lactic acid bacteria
- » **Ingredients:** *Lactobacillus plantarum*, *Lactobacillus paracasei*, *Lactobacillus buchneri*, *Lactococcus lactis*, and dextrose
- » **Active Substance:** Lactic acid bacteria not less than 1.25×10^{11} CFU/g product

CHARACTERISTICS

- » *Lb. plantarum* quickly lowers the pH level by producing lactic acid in the front-end fermentation cycle.
- » *Lb. buchneri* releases acetic acid that inhibits any yeasts and molds, which reduces the risk of reheating and the shrinkage that often occur during feed out.
- » *Lc. lactis* is known for its active clostridia inhibition to reduce the risk of butyric acid fermentation, thereby improving protein quality.
- » As a result, BONSILAGE ALFA improves fiber digestibility and helps retain dry matter and nutrients in forage.

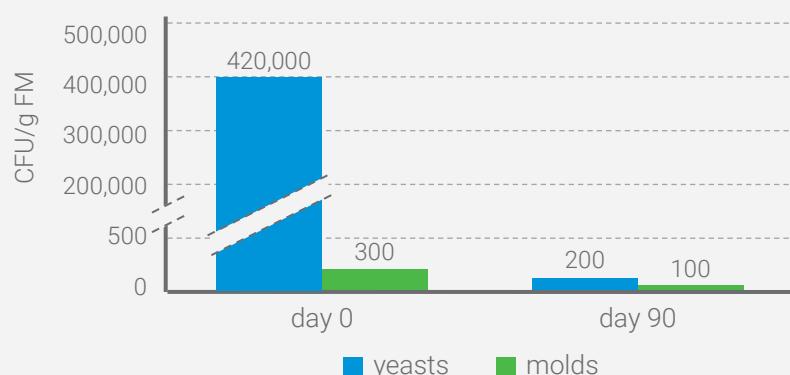
BONSILAGE ALFA contains powerful bacteria that provide good protection against reheating.

RESEARCH

We conduct extensive on-farm research and feeding trials to ensure the highest level of performance from BONSILAGE products.

This study shows how the LAB contained in BONSILAGE ALFA dramatically inhibits active clostridia when compared to untreated alfalfa silage. It also suppresses the number of yeasts and molds after 90 days ensiling, which protects silage quality.

Number of yeast and mold in BONSILAGE ALFA treated alfalfa silage after 90 days silo ripening time





BONSILAGE ALFA



DIRECTIONS FOR USE

1. Fill remainder of bottle with cool, clean, non-chlorinated water and shake it well until the product is fully dissolved.
2. Pour solution into applicator.
3. Add water to achieve final concentration.

APPLICATION

- » Apply 2 g of BONSILAGE ALFA equally to 1 ton of fresh matter (FM) forage, based on individual application rate and type of available applicator.
- » Avoid heating the solution during application (max. 30°C) to preserve the LAB, and allow them the best possible performance.
- » One can of BONSILAGE ALFA (100 g) will sufficiently treat 50 tons FM forage.
- » Do NOT add acids, salts or other substances, as they could reduce the number of viable bacteria in the product.

STORAGE

- » Store unopened bottles in a cool, dry place away from direct sunlight.
- » Use the entire bottle when opened.
- » The prepared solution can be stored for up to 24 hours if kept below 20°C.

BONSILAGE ALFA contains noble LAB strains that are preserved by the latest freeze-dried conservation technology. This allows all BONSILAGE products to be stored at room temperature, so freezer storage is NOT necessary. All BONSILAGE products come in sealed plastic cans and have a 24-month shelf life. Our sturdy packaging ensures high-quality protection against environmental influences and allows for convenient mixing with water.

BONSILAGE products are the most widely used silage inoculants in Europe. Our products contain living, specifically selected lactic acid bacteria (LAB) produced by Lactosan, which is a sister company to PROVITA SUPPLEMENTS and a leader in scientific selection and production of LAB for silage and probiotics in animal feed. Our access to such highly sought-after bacteria results in superior forage quality and feeding value.

PLEASE NOTE:

BONSILAGE ALFA contains a balanced mix of highly active homo- and heterofermentative lactic acid bacteria strains. With a well-managed ensiling process, accurate dosing and sufficient compaction of the forage, BONSILAGE ALFA can improve silage quality and reduce the risk of reheating. For complete fermentation, the silage should be stored a minimum of 8 weeks before start of feed out.

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