

## FOR WET AND HARD-TO-ENSILE SILAGE

BONSILAGE FORTE is developed specifically for all types of wet and hard-to-ensile silages in the lower dry matter ranges, which often show high ash content with a high buffering capacity. BONSILAGE FORTE quickly lowers the pH, effectively inhibits clostridia growth and decreases the risk of butyric acid fermentation. This process reduces the protein breakdown that typically occurs with wet silages.

### BONSILAGE FORTE

- » **Type:** Biological and water soluble silage additive
- » **Dosage:** At least 250,000 CFU/g fresh matter (FM) of forage
- » **Dry Matter Range of Crops:**
  - Rye grass silage: 18-30% DM
  - Clover grass silage: 22-30% DM
  - Alfalfa silage: 25-35% DM
  - Other grass silages 22-30% DM
- » **Strains:** Selected strains of homo-fermentative lactic acid bacteria
- » **Ingredients:** *Pediococcus acidilactici*, *Lactobacillus paracasei*, *Lactococcus lactis*, and dextrose
- » **Active Substance:** Lactic acid bacteria not less than  $1.25 \times 10^{11}$  CFU/g product

### CHARACTERISTICS

- » *Pc. acidilactici* and *Lb. paracasei* quickly lower the pH level by producing lactic acid in the front-end fermentation cycle.
- » *Lc. lactis* is known for its active clostridia inhibition to reduce the risk of butyric acid fermentation, thereby improving protein quality.
- » BONSILAGE FORTE reduces the protein breakdown that typically occurs with wet silage.
- » BONSILAGE FORTE converts damp, raw material into hygienically perfect silages with excellent palatability.

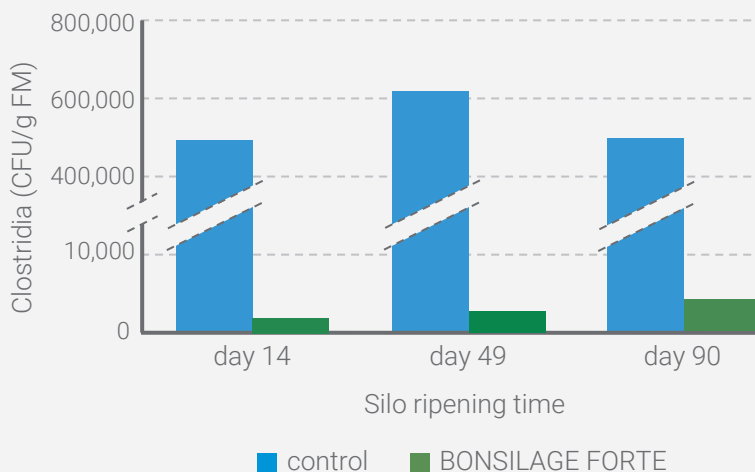
**BONSILAGE FORTE is specially developed for all types of wet and hard-to-ensile grass and alfalfa silages in the lower dry matter range.**

## 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 FORTE quickly inhibited the level of active clostridia in grass silage (first cut, 26-32% DM) and then kept the level relatively low for 90 days.

Clostridia counts after various silo ripening times



## BONSILAGE FORTE



## 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 FORTE 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 FORTE (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 FORTE 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 FORTE contains a balanced mix of highly active homo-fermentative lactic acid bacteria strains. With a well-managed ensiling process, accurate dosing and sufficient compaction of the forage, BONSILAGE FORTE can improve silage quality and reduce the risk of reheating. For complete fermentation, the silage should be stored a minimum of 3 weeks before start of feed out.

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