

## THE SPECIALIST FOR REDUCED SILO RIPENING TIME OF SILAGES

The special combination of homo- and heterofermentative lactic acid bacteria (LAB) strains of BONSILAGE SPEED ensures intensive fermentation in corn and sorghum silages during the first few weeks of ensiling. The entirely new heterofermentative lactic acid bacteria strain *Lactobacillus diolivorans* is exclusive to PROVITA SUPPLEMENTS.

### BONSILAGE SPEED

- » **Type:** Biological and water soluble silage additive
- » **Dosage:** At least 250,000 CFU/g fresh matter (FM) of forage
- » **Dry Matter Range of Crops:**  
Corn and sorghum silage: 28-45% DM  
Small grain silage: 28-45%  
HMC/snaplage: 50-72%  
Grass silage: 30-50%
- » **Strains:** Selected strains of homo- and heterofermentative lactic acid bacteria
- » **Ingredients:** *Lactobacillus buchneri*, *Lactobacillus diolivorans*, *Lactobacillus rhamnosus*, and dextrose
- » **Active Substance:** Lactic acid bacteria not less than  $2.5 \times 10^{11}$  CFU/g product

### CHARACTERISTICS

- » *Lb. diolivorans* is an entirely new heterofermentative lactic acid bacteria with a unique metabolism and fermentation pathways.
- » *Lb. diolivorans* reduces the silo ripening time to a minimum, also ensuring lowest losses and highest energy content.
- » *Lb. buchneri* reliably inhibits yeasts and molds which reduces the risk of reheating and shrinkage.
- » BONSILAGE SPEED ensures an intensive fermentation during the first few weeks of ensiling and improves the aerobic stability.

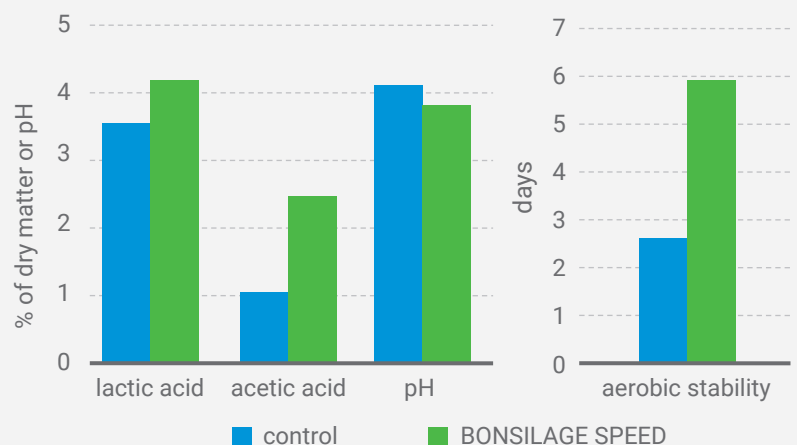
**BONSILAGE SPEED is the specialist for a reduced silo ripening time of energy-rich silage.**

### RESEARCH

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

BONSILAGE SPEED ensures intensive fermentation during the first few weeks ensiling. The fast acetic acid formation results in aerobically stable silage after a very short time of fermentation.

**Fatty acid profiles, pH and aerobic stability of corn silage after 14 days of ensiling**



## BONSILAGE SPEED



## 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 1 g of BONSILAGE SPEED 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 SPEED (100 g) will sufficiently treat 100 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 SPEED 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 SPEED 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 SPEED can improve silage quality and reduce the risk of reheating. The target density for proper fermentation of corn silage should be a minimum of 286 kg DM/m<sup>3</sup>. For complete fermentation, the silage should be stored a minimum of 2 weeks before start of feed out. The bacterial cultures used in this product remain the exclusive property

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