BONSILAGE FIT

PRODUCT SPECIFICATIONS

THE SPECIALIST FOR IMPROVING COW FITNESS

BONSILAGE FIT is a carefully balanced mix of highly active homo- and heterofermentative lactic acid bacteria strains. With good ensiling technique and accurate dosing it results in palatable silages with good feeding characteristics and minimal losses through secondary fermentation. Additionally, specific arising fermentation products support metabolism and fitness of dairy and beef cattle.

BONSILAGE FIT

- **Type:** Biological and water soluble silage additive
- **Dosage:** At least 300,000 CFU/g fresh matter (FM) of forage
- **Dry Matter Range of Crops:**
  Grass silage: 30-50% DM
  Clover grass silage: 30-50% DM
  Corn and sorghum silage: 28-45% DM
  Small grain silage: 28-45%
- **Strains:** Selected strains of homo-and heterofermentative lactic acid bacteria
- **Ingredients:** *Lactobacillus buchneri, Pediococcus pentosaceus, Lactobacillus plantarum,* and dextrose
- **Active Substance:** Lactic acid bacteria not less than 3.0 x 10^{11} CFU/g product

CHARACTERISTICS

- Special adjusted acid fermentation pattern of lactic acid, acetic acid and propylene glycol supports metabolism and cow fitness.
- *Lb. plantarum* and *Pc. pentosaceus* quickly lower the pH level by producing lactic acid in the front end fermentation cycle
- *Lb. buchneri* produces propylene glycol, which acts as a glucogenic precursor in the metabolism of the cow and helps prevent Ketosis.
- Controlled acetic acid formation of *Lb. buchneri* inhibits yeast and molds, reducing the risk of reheating and shrinkage during feeding.

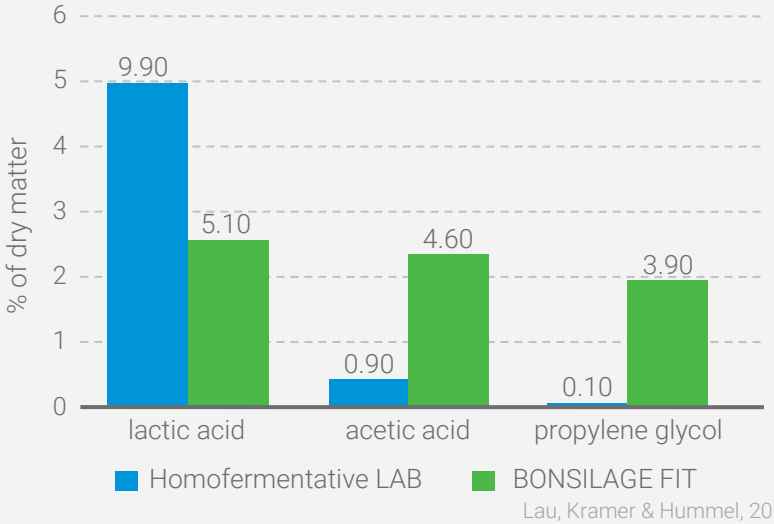
BONSILAGE FIT will improve digestibility, palatability, and nutrient retention of silages.

RESEARCH

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

BONSILAGE FIT increases the aerobic stability of silages due to acetic acid formation and the formation of propylene glycol results in higher cow fitness

Fermentation profile of grass silages after 90 days of ensiling



Lau, Kramer & Hummel, 2018

BONSILAGE FIT

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 FIT 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 FIT (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 FIT 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 FIT contains a balanced mix of highly active homofermentative lactic acid bacteria strains. With a well-managed ensiling process, accurate dosing and sufficient compaction of the forage, BONSILAGE FIT 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/m³. For complete fermentation, the silage should be stored a minimum of 6 weeks before start of feed out.
The bacterial cultures used in this product remain the exclusive property of PROVITA SUPPLEMENTS and may not be reproduced. PROVITA SUPPLEMENTS guarantees that the product conforms to the specifications on the label. The manufacturer's or seller's liability is limited to the purchase price of the product. Due to many variables beyond our control, PROVITA SUPPLEMENTS makes no warranties expressed or implied concerning this product or its use beyond the description on the face hereof. In no event shall PROVITA SUPPLEMENTS be responsible for consequential or incidental damages.

PROVITA SUPPLEMENTS

For more information:
www.provita-supplements.com | info@provita-supplements.com | +49 4101 218-6200