

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

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, grass-clover silage, small grain silage: 28-45% DM

STRAINS

Lactobacillus diolivorans,
Lactobacillus buchneri,
Lactobacillus plantarum

COMPOSITION

Selected strains of hetero- and homofermentative lactic acid bacteria, dextrose

ACTIVE SUBSTANCE

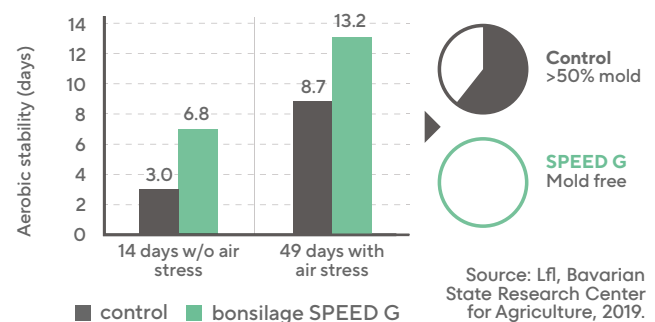
Lactic acid bacteria not less than 1.36×10^{11} CFU/g product

- » *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 by producing aerobically stable silage in just 14 days.
- » *Lb. buchneri* reliably inhibits yeasts and molds during the later stages of the fermentation process which also helps to reduce the risk of reheating and shrinkage.
- » **bonsilage SPEED G** ensures an intensive fermentation during the first few weeks of ensiling and improves the aerobic stability.

RESEARCH

We conduct extensive on-farm research and feeding trials to ensure the highest level of performance from bonsilage products. bonsilage SPEED G ensures intensive fermentation during the first few weeks of ensiling. The fast acetic acid formation results in aerobically stable silage after a very short time of fermentation.

Aerobic stability and visual mold examination of grass silages after 14 and 49 days (2nd cut). Ensiling duration with and without air stress during storage.





200 G
100 tons FM forage



DIRECTIONS FOR USE

1. Fill a bucket with clean, cold (below 60 °F), unchlorinated water. Use at minimum 1 gallon of water per can.
2. Add the bonsilage product into the mixing bucket.
3. Dissolve the product uniformly in the bucket.
4. Add water to achieve desired application volume.

APPLICATION & OUTPUT

- » Apply 2 g of bonsilage SPEED G 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 try to stay below 70°F to preserve the LAB, and allow them the best possible performance.
- » Small can (200 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 OF PRODUCT

- » 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 48 hours if kept below 70°F.

bonsilage SPEED G 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. bonsilage SPEED G comes in sealed plastic cans and has a 24-month shelf life from production date. Our sturdy packaging ensures high-quality protection against environmental influences and allows for convenient mixing with water.

FOR MORE INFORMATION

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**PROVITA
SUPPLEMENTS**

PLEASE NOTE

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.

bonsilage SPEED G 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 G can improve silage quality and reduce the risk of reheating. The target density for proper fermentation should be a minimum of 15 lbs DM/ft³. 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 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.