



bonsilage PRO ensures a reliable fermentation process for whole plant corn and sorghum silages. The product rapidly lowers the pH level, and controlled acetic acid formation stabilizes the silage and reduces aerobic dry matter losses. Use bonsilage to conserve valuable fermentable carbohydrates and enhance feed out quality.

TYPE

Biological and water soluble silage additive

DOSAGE

At least 150,000 CFU/g fresh matter (FM) of forage

DRY MATTER RANGE OF CROPS

Corn, sorghum, sorghum sudangrass silage: 28-38% DM

STRAINS

Lactobacillus buchneri,
Lactobacillus plantarum,
Lactobacillus brevis

COMPOSITION

Selected strains of homo- and heterofermentative lactic acid bacteria, dextrose

ACTIVE SUBSTANCE

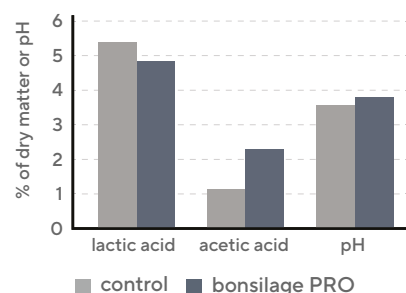
Lactic acid bacteria not less than 1.36×10^{11} CFU/g product

- » *Lb. plantarum* quickly lower the pH level by producing lactic acid in the front-end fermentation cycle.
- » *Lb. buchneri* and *Lb. brevis* produce increased acetic acid to inhibit yeast and mold, which reduces the risk of reheating and the shrinkage that often occurs during feed out.
- » **bonsilage PRO** enhances fiber digestibility and helps retain dry matter and nutrient quality in your forage.
- » **bonsilage PRO** conserves valuable rumen fermentable carbohydrates and helps to maintain a high nutritional value of the ensiled forage.

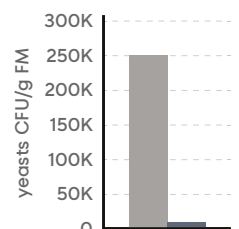
RESEARCH

We conduct extensive on-farm research and feeding trials to ensure the highest level of performance from bonsilage products. bonsilage PRO raises the level of acetic acid, which extends the aerobic stability of the silage by protecting it from molds and yeasts.

Fermentation profiles of corn silages after 90 days of ensiling



Yeast inhibition using bonsilage PRO (day 90)





200 G
200 tons FM forage



1000 G
1000 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 1 g of bonsilage PRO 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 200 tons FM forage, large can (1 kg) will sufficiently treat 1,000 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 PRO 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 PRO** 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 PRO 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 PRO** 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 6 weeks before start of feed out.