

CROPS



BONSILAGE CORN+ ensures a reliable fermentation process for corn and sorghum silages. After a rapid pH drop, it ensures the controlled formation of acetic acid, which provides an enhanced level of protection against reheating. **BONSILAGE CORN+** facilitates improved digestibility and energy density of the forage. It also releases significant amounts of propylene glycol, which has been shown to benefit cow health, especially in early lactation.

TYPE

Biological and water soluble silage additive

DOSAGE

At least 500,000 CFU/g fresh matter (FM) of forage

DRY MATTER RANGE OF CROPS

Corn and sorghum silage: 28-45% DM

STRAINS

Lactobacillus buchneri and *Lactobacillus plantarum*

INGREDIENTS

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

ACTIVE SUBSTANCE

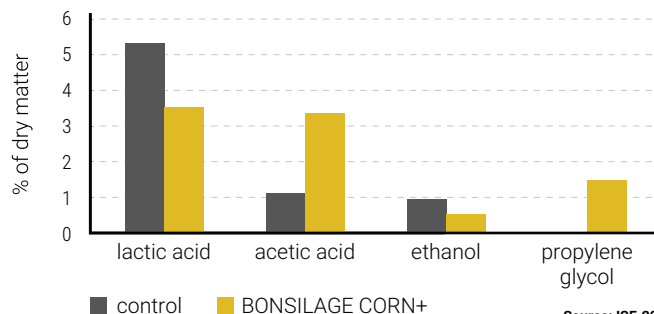
Lactic acid bacteria not less than 2.27×10^{11} CFU/g product

- » *Lb. plantarum* quickly lowers the pH level by rapidly producing lactic acid in the beginning of the fermentation cycle.
- » *Lb. buchneri* produces acetic acid to inhibit yeast and mold, which reduces the risk of reheating and the shrinkage that can occur during feed out.
- » *Lb. buchneri* also produces high levels of propylene glycol, which reduces the potential for Ketosis in dairy cows.
- » **BONSILAGE CORN+** facilitates improved fiber digestibility and helps retain dry matter and nutrients in your forage.
- » **BONSILAGE CORN+** is a premium treatment for corn or sorghum silage, creating a highly digestible feed source for animals.

RESEARCH

We conduct extensive on-farm research and feeding trials to ensure the highest level of performance from **BONSILAGE** products. Research trials show that **BONSILAGE CORN+** produces much more propylene glycol (1,2-PD) in the silage when compared to untreated silage. It also raises the level of acetic acid, which extends the time silage can be used by protecting it from molds and yeasts.

Fermentation profile of corn silage after 90 days of ensiling



Source: ISF, 2020



SMALL CAN (200 G)
100 tons FM forage



LARGE CAN (1 KG)
500 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 BONSILAGE product uniformly in the bucket.
4. Add more water to achieve desired application volume.



APPLICATION & OUTPUT

- » Apply 2 g of BONSILAGE CORN+ 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, large can (1 kg) will sufficiently treat 500 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 CORN+ 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 CORN+ 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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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 CORN+ 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 CORN+ 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.