

## SUPERIOR QUALITY SILAGE PLUS BENEFITS FOR COW HEALTH

**BONSILAGE CORN+ WS 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+ WS 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.**

### BONSILAGE CORN+ WS

- » **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, Sorghum, and Sorghum Sudan Grass, Silage: 28-45% DM
- » **Strains:** Selected strains of homo- and heterofermentative lactic acid bacteria
- » **Ingredients:** *Lactobacillus buchneri* and *Lactobacillus plantarum*, dextrose
- » **Active Substance:** Lactic acid bacteria not less than  $2.27 \times 10^{11}$  CFU/g product

### CHARACTERISTICS

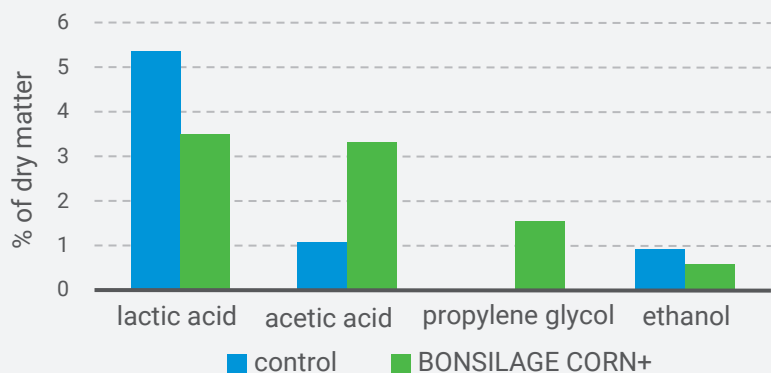
- » *Lb. plantarum* quickly lowers the pH level by quickly producing lactic acid in the beginning of the fermentation cycle
- » *Lb. buchneri* produces increased acetic acid to inhibit yeast and mold, which reduces the risk of reheating and the shrinkage that can occur during feed out
- » *Lb. buchneri* produces high levels of propylene glycol, which reduces the potential for Ketosis in dairy cows
- » BONSILAGE CORN+ WS facilitates improved fiber digestibility and helps retain dry matter and nutrients in your forage

**BONSILAGE CORN+ WS 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+ WS 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 acids profiles of corn silages after 90 days of ensiling



## BONSILAGE CORN+ WS



## 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. Refer to mixing chart for correct volumes.

## APPLICATION & OUTPUT

- » Apply 2 g of BONSILAGE CORN+ WS 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. 90°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 24 hours if kept below 70°F

BONSILAGE CORN+ WS 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+ WS 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.

### 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+ WS 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+ WS can improve silage quality and reduce the risk of reheating. The target density for proper fermentation should be a minimum of 15 lbs DM/ft<sup>3</sup>. For complete fermentation, the silage should be stored a minimum of 6 weeks before start of feed out.