

## FOR STABLE, HIGHLY DIGESTIBLE CORN OR SORGHUM SILAGES

**BONSILAGE PRO WS 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 PRO WS to conserve valuable fermentable carbohydrates and enhance feed out quality.**

### BONSILAGE PRO WS

- » **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, and Sorghum Sudan Grass Silage: 28-38% DM
- » **Strains:** Selected strains of homo- and heterofermentative lactic acid bacteria
- » **Ingredients:** *Lactobacillus buchneri*, *Lactobacillus plantarum*, *Lactobacillus brevis*, dextrose
- » **Active Substance:** Lactic acid bacteria not less than  $1.36 \times 10^{11}$  CFU/g product

### CHARACTERISTICS

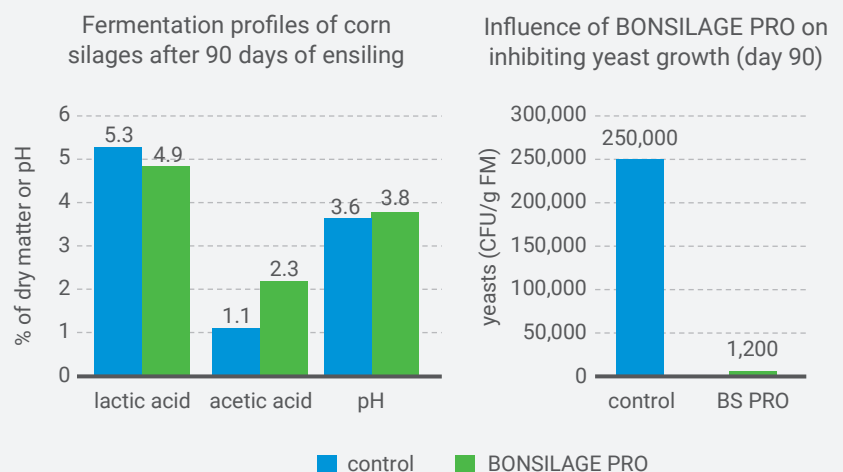
- » *Lb. plantarum* quickly lowers the pH level by producing lactic acid in the beginning of the fermentation cycle
- » *Lb. buchneri* and *Lb. brevis* produce increased acetic acid to inhibit yeast and mold, which reduces the risk of reheating and the shrinkage that often occurs during feed out
- » BONSILAGE PRO WS enhances fiber digestibility and helps retain dry matter and nutrient quality in your forage

**BONSILAGE PRO WS conserves valuable 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 WS raises the level of acetic acid, which extends the time silage can be used by protecting it from molds and yeasts.



## BONSILAGE PRO 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 1 g of BONSILAGE PRO 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 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 24 hours if kept below 70°F

BONSILAGE PRO 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 PRO 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 PRO 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 PRO 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.