



# Biomax<sup>®</sup>

## A versatile inoculant to enhance fermentation and reduce spoilage organisms

Biomax<sup>®</sup> is a science-based, research-proven inoculant with strain technology formulated to drive fermentation.

Specifically, it:

- Improves fermentation
- Works exceptionally well in corn silage
- Inhibits a range of yeasts and molds

**CHR HANSEN**

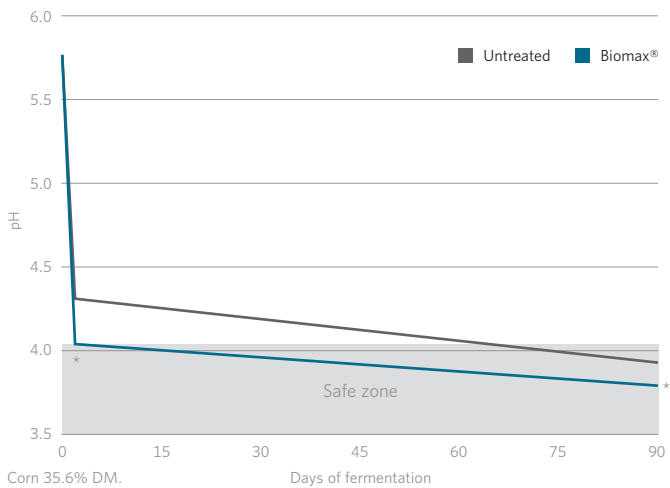
*Improving food & health*

## Starter/finisher technology

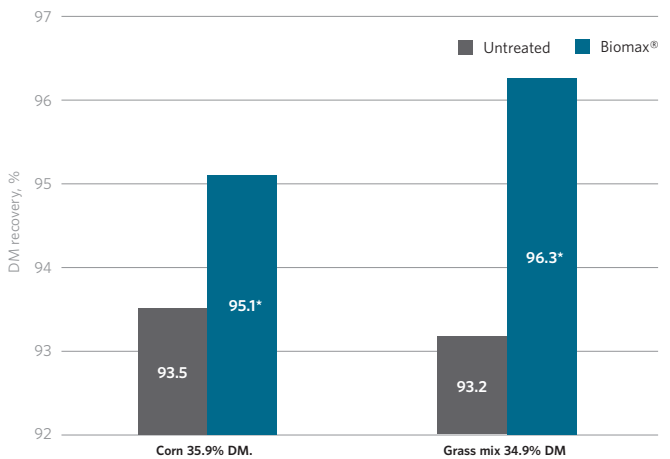
The starter/finisher strain technology has formed the backbone of our most successful fermentation products. Biomax® takes this technology to its maximum by providing two dedicated strains at equal rates. The benefits are exceptionally fast fermentation of both corn and more difficult to ferment crops, such as grasses.

## Strong performance in corn silage - and more difficult to ferment crops

Biomax® brings corn silage to the safe zone (pH) in just 2 days of fermentation. A rapid pH reduction is critical to obtain control of the natural spoilage organisms present on the crop. The benefit is improved dry matter recovery as well as nutrient preservation.



Corn silage fermented to the safe zone in just 2 days.



\*Significant difference for treated vs. untreated (P<0.05)

Dry matter recovery was improved for both corn and grass silages.

### What's inside Biomax®

Biomax® combines our fastest fermentation initiator *Enterococcus faecium* k20602 with the well proven *Lactobacillus plantarum* 6072

### Package:

- 1,000 g canister treats 500 tons of fresh forage. 1 box contains 6 x 1,000 g
- 200 g canister treats 100 tons of fresh forage. 1 box contains 12 x 200 g
- Form: powder
- Solubility: water soluble
- Shelf life: 24 months at room temperature (<77°F)

### Use:

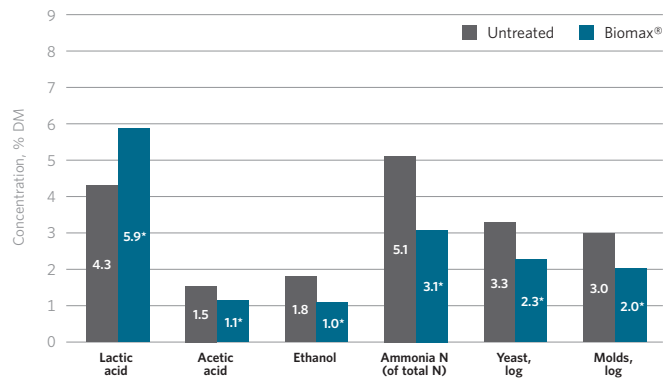
One 1,000 g canister treats 500 tons of fresh corn forage, haylage, grass or high moisture grain. Mix inoculant into amount of water appropriate for your applicator. Apply solution evenly over forage or grain as it is harvested or ensiled. When used as directed, 2 grams of Biomax® inoculates 1 ton fresh forage and grains at a rate of 150,000 cfu/g.

### Content:

- L. plantarum* 6072
- E. faecium* k20602

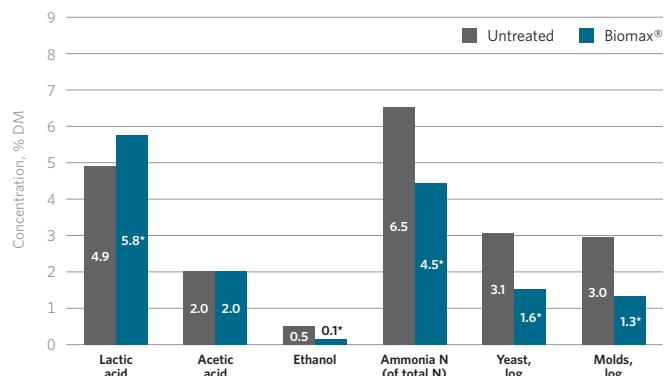
## Improved fermentation and better quality forage

An effective fermentation leads to better nutrient preservation and improved quality of forage. Biomax® delivers exactly this.



Corn 35.6% DM.

\*Significant difference for treated vs. untreated (P<0,05)



Ryegrass:fescue:orchard grass (70:20:10), dry matter 34.9%.

\*Significant difference for treated vs. untreated (P<0.05)

Control of the fermentation means better nutrient preservation and reduction of spoilage microorganisms.

Specific trial data available upon request.