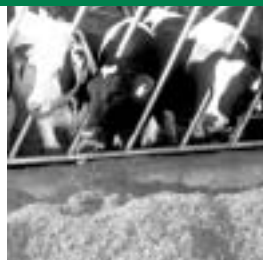
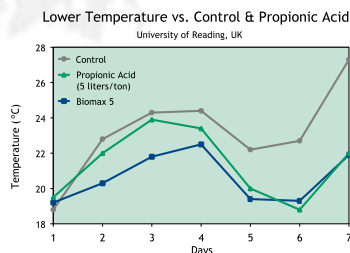
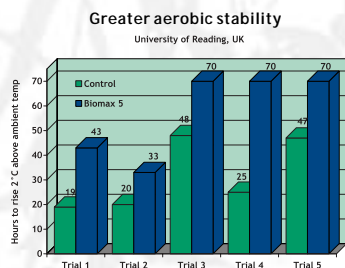


More mileage from your silage with Biomax[®] 5

Biomax[®] 5 Microbial Inoculant for Corn Silage was formulated after extensive testing and validation at three levels of research: laboratory, university studies and numerous field trials. Biomax 5 provides a guaranteed source of specially selected strains of *Lactobacillus plantarum* — PA-28 & K-270 — that are superior in improving the storage and feeding of corn silage.

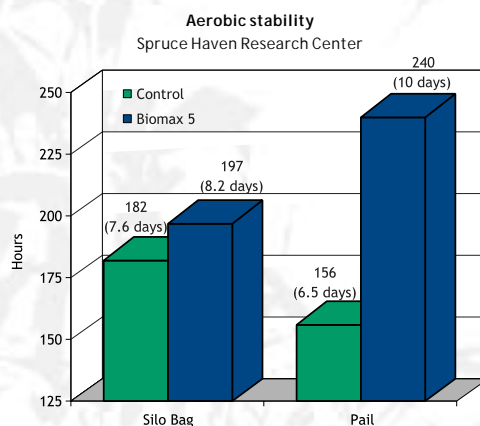
Biomax 5 was designed specifically for improved aerobic stability

Corn silage is especially prone to aerobic instability. In a trial at CEDAR (Center for Dairy Research) at the University of Reading, UK, the temperature of Biomax 5 treated silage took an average of 24 hours longer to increase 2°C (4°F) over ambient temperature. In a separate trial, the temperature of Biomax 5 treated corn silage was significantly lower than the control, and showed results comparable to propionic acid.



Biomax 5 results in greater stability and lower number of yeast

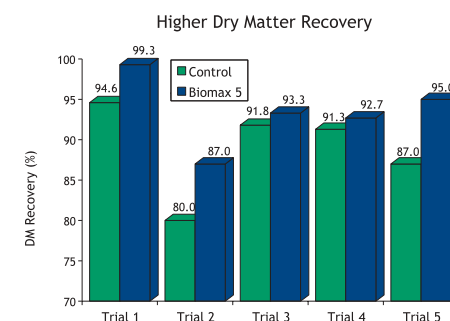
Research conducted at Spruce Haven Research Center, NY, showed Biomax 5 treated corn silage was stable longer than untreated silage when ensiled in silo bags and pails. The treated silage was stable 15 hours longer in silo bags, and 84 hours longer in pails (see graph below).



Yeasts are the major cause of aerobic deterioration, resulting in nutrient and DM (dry matter) losses. The Spruce Haven trial also showed that yeast levels in Biomax 5 treated silage were 65% lower than untreated. These results suggest that inoculating corn silage with Biomax 5 can result in significantly more stable silage, with less spoilage.

Biomax 5 results in higher dry matter recovery

Results from five research trials showed an average of 5% more DM recovery for corn silage treated with Biomax 5. Higher DM recovery means more silage available at feedout and less money wasted on alternative feed purchases.



Biomax 5 results in additional income

Greater aerobic stability can mean higher DM recovery, longer bunk life, less spoilage on the forage face, more available nutrients, and greater palatability. These benefits can result in higher DM intake, and higher production. With Biomax 5, you can get a great return on your investment. Based on DM recovery alone, the additional value of corn silage would be \$1.44 per ton.

Treatment	DM Recovery
Control	89%
Biomax 5	94%

Assume the value of corn silage is \$24 per ton.
Cost per ton of silage:

Control silage \$24/89% = \$26.97
Biomax 5 treated silage \$24/94% = \$25.53

An added value of \$1.44 per ton of treated silage.

Checklist for Good Silage Management

- ▼ Make sure the silo structure is in good condition, free from cracks, holes and poorly fitting doors.
- ▼ Harvest crops at recommended moisture and maturity.
- ▼ Chop forage at the optimum length.
- ▼ Use a bacterial silage inoculant for more efficient fermentation. Apply at recommended rates, using a well-calibrated applicator.
- ▼ Fill silo as quickly as possible.
- ▼ Distribute forage evenly in silo.
- ▼ Level and pack silage well.
- ▼ Cover and seal silo.
- ▼ During feedout, remove recommended amount of silage from the face daily.



Benefits

- ▼ Higher dry matter recovery (average 5%)
- ▼ Over 1 day longer aerobic stability (bunklife)
 - Lower forage temperature
 - Less spoilage on forage face
 - Less wasted forage
- ▼ Increased nutrient availability
- ▼ Better palatability and intake for improved production efficiency
- ▼ Greater return on investment

Features

- ▼ Specially selected strains that work to inhibit major spoilage yeasts
- ▼ Controls fermentation: produces high levels of lactic acid and quickly lowers pH
- ▼ Proven by university and field research conducted on a variety of corn hybrids, harvest and storage conditions
- ▼ Concentrated and stabilized bacteria that are faster acting than competitive products
- ▼ Safe and easy to use

NutriSave™
Forage Management System
Saving more of the valuable nutrients you grow

Call 1-800-851-8810, ext. 5541 for more information

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Corn Silage
With

Biomax 5

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