

# MASTER MIX SILO-BOOSTER

## REDUCING THE LEVEL OF NITRATE IN HEAT STRESSED CORN SILAGE

Why should you use Master Mix SILO-BOOSTER instead of another product? SILO-BOOSTER has been proven in 22 years of on-farm use, as well as in continuous university research. With each new discovery in silage science, we have improved the original formula. Today's SILO-BOOSTER gives the most effective silage inoculant yet developed.

Laboratory analysis of both treated and untreated silages confirms the increased production of lactic acid by the bacterial cultures in SILO-BOOSTER.

	<u>SILO-BOOSTER TREATED</u>	<u>CONTROL</u>
Lactic acid % (average of 11 measurements from day 1 to day 30) .....	2.35%	1.83%
pH (average of 11 measurements from day 1 to day 30) .....	3.98%	3.96%

While both silages showed very similar changes in total pH change; the SILO-BOOSTER treated silage contained more lactic acid. The homofermentive production of lactic acid by SILO-BOOSTER cultures reduces the potential for dry matter losses and the generation of excessive heat of fermentation.

### COMPARISON OF SILO-BOOSTER TREATED AND CONTROL SILAGES

Fed To High Producing Dairy Cows  
Conducted At The University of Wisconsin

	<u>SILO-BOOSTER SILAGE</u>	<u>CONTROL</u>	
Milk (Lb./day) .....	87.3	86.2	NS
Fat % .....	3.84	3.88	NS
Forage DM Intake (Lb./day) .....	26.97	29.99	**
Conc. DM Intake (Lb./day) .....	27.45	26.78	NS
Total DM Intake (Lb. day) .....	54.31	56.77	*
DM/Lb. Milk .....	0.65	0.69	**

N.S. - non significant, \* < 5%, \*\* < 1%  
Statistics conducted on weekly totals.

SILO-BOOSTER treated silage was able to generate income per ton of forage feed. With milk valued at \$ .125 per pound; butterfat at \$ .17 per point; forage at \$ .045 per pound of dry matter, and the concentrate portions at \$ .08 per pound; SILO-BOOSTER silage returned \$4.90 for each \$1.00 invested in inoculant.



APPLICATION: 1 Lb. of SILO-BOOSTER per ton of Forage.  
2 Lbs. of SILO-BOOSTER per ton of High Moisture Ear Corn.

*Add Feed Value To This Year's Silage By Reducing Costly Fermentation Losses*

## MASTER MIX SILO-BOOSTER AVAILABLE AT THE FOLLOWING DEALERS

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