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## **PUBLISHED FARM SCALE VALIDATION OF DECREASED YEAST AND BETTER AEROBIC STABILITY IN WHOLE CORN SILAGE TREATED WITH *LACTOBACILLUS BUCHNERI* 40788**

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MILWAUKEE – A research trial evaluating the effectiveness of *Lactobacillus buchneri* 40788 on fermentation and aerobic stability was recently published in the Journal of Dairy Science. Results show whole plant corn stored in silos had decreased yeast and improved aerobic stability when treated with *Lactobacillus buchneri* 40788 versus Untreated silage.

Samples of corn silage were taken from farms in Wisconsin, Minnesota and Pennsylvania for the trial. Analyses were performed at the University of Delaware. *Lactobacillus buchneri* was introduced in the US silage market in 2002. Since then, many studies have documented its effects of increasing acetic acid and reducing the number of yeasts and molds, thus improving aerobic stability. However, most of these studies were conducted in laboratory-scale silos. The objective of this study was to determine the effects of inoculation of *L. buchneri* when applied to whole-plant corn stored in farm silos.

The inoculants were products of Lallemand Animal Nutrition and distributed by Vita-Plus Corporation.

For a full copy of the paper, refer to the Journal of Dairy Science 92:1174-1176 or contact Kerri Ast at 414-393-4022 or [kast@lallemand.com](mailto:kast@lallemand.com).

Lallemand, Inc. is a privately held Canadian company specialized in yeast, bacteria and yeast derivatives, for animal nutrition, baking, winemaking and pharmaceutical industries. Lallemand is the only major supplier of yeast and bacteria that is a primary producer of both, and is a recognized leader in screening for optimized microbial strains for feed, food and ethanol applications.

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