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For Immediate Release
June 28, 2007

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LALLEMAND DEVELOPS NEW MICROENCAPSULATION TECHNOLOGY

(Milwaukee, WI) To ensure the viability of Levucell® SC through the pelleting process Lallemand has developed a patented system of micro-encapsulation. The micro-encapsulation process involves coating the dried yeast prills with a specific fatty acid mixture that protects the yeast against the high temperatures and pressures of pelleting. The protective fatty acid coating then solubilizes in the rumen environment to ensure the live yeast cells are metabolically active.

Levucell SC is an Active Dry Yeast, which has been proven to have a beneficial “probiotic” effect on ruminal fermentation. This specific strain of live yeast (*Saccharomyces cerevisiae* 1077) has been identified for its ability to enhance rumen efficiency, stabilize ruminal pH and ultimately increase animal performance. *Saccharomyces cerevisiae* is a hardy organism, therefore viability is not an issue in mineral premixes and “top dress” products. However, when pelleting feed, there are a number of manufacturing processes that reduce the viability of unprotected active dry yeasts. The resulting viability will be a function of temperature, pressure and time involved in the pelleting process.

Lallemand’s new ME process ensures product viability in pelleted feed.

Lallemand, Inc. is a privately held Canadian company specialized in yeast, bacteria, and yeast derivatives for animal nutrition, baking, winemaking, and human nutrition industries. Lallemand is the only major supplier of yeast and bacteria that is a primary producer of both.

The Animal Nutrition Product Line in North America includes ALKOSEL® selenium enriched yeast, Levucell SC® rumen specific yeast, BIOTAL® forage inoculants, Levucell SB® active yeast and Micro-Cell® probiotic phase feeding.

For additional information please visit www.lallemand.com or call Customer Service at 1800 692 4700.