



Rumen Protected L-Lysine HCL

Introduction

Dairy cows require lysine (an essential amino acid) for milk production. Because the dairy cow does not synthesize Lysine, a variety of feed ingredients are fed to try and meet the Lysine requirement of the high-producing dairy cow. Unfortunately, Lysine in these feed ingredients is broken down by rumen bacteria and other microorganisms, allowing very less amounts of Lysine to reach the small intestine for absorption. As a result, the lysine available to the cow, and thus the amount of Lysine that the cow can effectively utilize for milk production, are often at levels below the cow's requirement.

OptiLys is a protected, digestible and available source of L-Lysine for the high-producing dairy cow.

Assay

L- lysine 40%

Features

- * Increases milk quantity.
- * Increases milk quality.
- * Decreases dietary crude protein needs.
- * Gives flexibility to a protein sources in the feedstuffs formulation.
- * Decreases formulation cost.

Inclusion rate

Dairy Cows	30-60 g/head/day
Buffalo	80-100 g/head/day
Beef-Cattle	15-30 g/head/day
Sheep	5-10 g/ head/day
Goats.....	5-10 g/head/day

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