

# FINALLY...

## You can lower protein costs and maintain or improve performance

**More precise ration formulations with AminoShure™-L lysine lets you...** *Reduce feed costs • More efficiently use nitrogen • Increase income over feed cost (IOFC) • Reduce nitrogen excretion*

By balancing rations for amino acids and feeding optimum lysine, you can lower crude protein levels. Why? Because protein utilization becomes dramatically more efficient. And lowering crude protein creates space for more byproducts, forages or concentrate. You get better herd performance with lower costs.

### Here's what the research shows

|                    | Diet 1*           | AminoShure-L Diet | Diet 3**          |
|--------------------|-------------------|-------------------|-------------------|
| % Crude Protein    | 17.8              | 17.0              | 17.0              |
| Lysine, g/day      | 175               | 173               | 158               |
| Milk yield, lb/day | 42.5 <sup>a</sup> | 42.6 <sup>a</sup> | 40.5 <sup>b</sup> |
| Milk urea nitrogen | 16.2 <sup>a</sup> | 11.5 <sup>b</sup> | 11.8 <sup>b</sup> |

\* Diet 1 balanced to meet lysine requirements using blood meal.  
\*\* Diet 3 same as AminoShure-L diet except not balanced for lysine.  
a, b significant difference  $p < 0.05$ .

## AminoShure™-L Rumen-Protected Lysine

\*AminoShure-L is a highly dense, very consistent source of lysine. Lysine is one of the first two limiting amino acids, limiting because insufficient levels limit the cow's production and performance.

**BALCHEM**  
ANIMAL NUTRITION & HEALTH

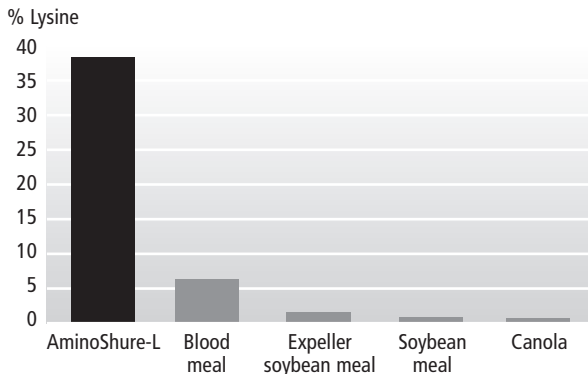
The global leader in

protection  
nutrition™

# Reduce crude protein and maintain or enhance performance?

**Yes!** AminoShure™-L delivers unprecedented consistency in lysine levels for more precise rations.

## Lysine levels in feedstuffs



**AminoShure™-L**  
Rumen-Protected Lysine  
[www.aminoshure-L.com](http://www.aminoshure-L.com)



Contact us now...

**The Old Mill Troy, Inc.**  
53 E. Main Street • P.O. Box 567  
N. Troy, VT 05859  
800-945-4474 • 802-988-4476 (Fax)

09BLCM-AMNSHRPROTE|NPC-09/09

© 2009 Balchem Corp. All trademarks and servicemarks are property of Balchem Corporation.

**The Old Mill Troy, Inc.**

P.O. Box 567

N. Troy, VT 05859

RETURN SERVICE REQUESTED