



Microbes at Work

**For Immediate Release**

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**Bio-Vet Introduces Dairy ProP169<sup>®</sup>**

*New technology improves cows' energy balance and milk production*

**Blue Mounds, Wis. – (Sept. 1, 2007)** – Bio-Vet, Inc., introduces Dairy ProP169<sup>®</sup>, a direct-fed microbial featuring *Propionibacterium freudenreichii* strain P169. Dairy ProP169 offers dairy producers new technology for improving energy balance and milk production in cows.

In controlled feeding trials, cows fed strain P169 showed significant improvements in milk production, ranging from 4 to 12 percent. Milk components were positively affected in these trials, such that production of total milk fat, total milk protein and milk lactose all increased. Feed efficiency was also improved.

Strain P169 is a naturally occurring rumen-origin bacterium.

Supplementation of strain P169 also has been shown to dramatically increase rumen propionate yield. Propionate is quickly converted to glucose (energy) in cattle and is one of the most efficient volatile fatty acids produced in the rumen.

Dairy ProP169<sup>®</sup> is effective in dairy rations:

- Fed to cows in negative energy balance, such as early lactation and very high production cows
- Limited by substrates for the production of ruminal propionate (i.e. high forage rations)
- Containing a maximum amount of concentrated energy (i.e. high starch and fat levels)

Dairy ProP169<sup>®</sup> is compatible with other technologies such as yeast, rBST and monensin.

Dairy ProP169<sup>®</sup> is available in two sizes: a 2 kg pouch (enough for 1,000 feedings at a 2-gram per head rate) and 7.5 kg pouch (3,750 feedings). The recommended feeding rate is 2 to 4 grams per cow per day.

Bio-Vet, Inc., founded in 1991, researches, manufactures and markets direct fed microbial and nutritional products for dairy and beef cattle, small ruminants and horses. Bio-Vet is a leader in using beneficial bacteria to improve animal health and productivity. The company holds U.S. patents for its innovative products. For more information, contact Bio-Vet at 1-800-246-8381 or visit [www.bio-vet.com](http://www.bio-vet.com).

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