



# PROPEL<sup>®</sup>

ENERGY NUGGET

FRESH COWS EAT IT UP

*A high-energy, palatable Macro-Encapsulation<sup>™</sup> product specifically formulated to be used to supplement lactating cow and post-fresh transition cow diets.*

## PRODUCT FEATURES

- Macro-Encapsulation<sup>™</sup> Technology
- Flexible feeding rates allow mixing Propel<sup>®</sup> Energy Nugget with other ingredients or forages to meet animal's requirements.
- More palatable than calcium salts of fatty acids, prilled fats, or fat and fat by-products which can reduce dry matter intake
- Highly digestible energy post-ruminally
- Low PUFA ( polyunsaturated fatty acid) levels

## PRODUCT BENEFITS

- Delivers high quality, high density energy nutrition in an easy to handle form
- Maximizes ration modifications to meet forage changes
- Supports higher feed intakes that support
  - Improved body condition or reduced weight loss on early lactation cows can result in improved reproductive performance
  - Improved yield of milk components
  - Improved persistency of milk production because intakes are optimized
  - Improved income potential
- Cows expend less heat to digest fat, maximizing efficiency in hot weather
- Optimize rumen function and milk components

## Feeding Directions

1. Post-fresh transition and lactation diets should be balanced with the Purina Animal Nutrition DNS (Dynamic Nutrition System) ration balancing program.
  - a. Ration balancing guidelines: Rations are most accurately balanced using DNS.
  - b. Ensure that ADF and NDF requirements are met based on accurate feedstuff intakes.
  - c. Monitor PUFA (polyunsaturated fatty acid) levels, especially when unprocessed high oil seeds (cotton seed, soybeans) or other fat ingredient sources are included in the ration.
  - d. Feed at a rate of 0.5 – 2.5 lbs per head per day based on the DNS ration balancing program.
  - e. Ensure required vitamin and mineral levels are met based on cows' milk production level.
  - f. Always have clean free-choice water available.
  - g. Never feed moldy or out of condition feedstuffs.
2. Keep Propel<sup>®</sup> Energy Nugget fresh. For optimum freshness, feed within 30 days of its manufacturing date.
3. Propel<sup>®</sup> Energy Nugget can be mixed with pelleted, texturized, or meal feeds.

