



Arm & Hammer Animal Nutrition  
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# MEGALAC<sup>®</sup>

## RUMEN BYPASS FAT

**MEGALAC<sup>®</sup> Rumen Bypass Fat** is the brand name for a high-energy dairy feed ingredient marketed by Church & Dwight Co., Inc. MEGALAC consists of calcium salts of long chain fatty acids. This unique controlled-release energy source has a measured net energy of lactation value of 2.96 Mcal/lb. Unlike conventional fat sources, MEGALAC does not interfere with rumen fermentation.

### GUARANTEED ANALYSIS

Fat (as fatty acids)	Min.	82.5%
Calcium	Min.	8.8%
	Max.	10.6%
L.O.D. (moisture)	Typically	3.0% – 4.0%

### TYPICAL ANALYSIS (% of Dry Matter)

Acid Hydrolysis Fat (AOAC 954.02)	85.0
Total Fatty Acids (% of Fat)	95.0
Calcium	9.0
Fatty Acid Profile (% of Fatty Acids)	
Palmitic (C16:0)	50.8
Stearic (C18:0)	4.1
Oleic (C18:1)	35.7
Linoleic (C18:2)	7.0
Linolenic (C18:3)	0.2
Other	2.2

### INGREDIENTS

Calcium salts of long chain fatty acids (from vegetable oil)  
Ethoxyquin (as a preservative)

### ENERGY VALUES

Net Energy of Lactation – 2.96 Mcal/lb. (6.52 Mcal/kg)

### HANDLING

MEGALAC is a dry granular material that mixes well with all common feed ingredients. It does not melt or freeze, no matter how hot or cold the weather.

### ANALYTICAL METHOD

To analyze for the content of MEGALAC or feeds containing MEGALAC Rumen Bypass Fat, use AOAC (1990) method 954.02.

### BULK DENSITY

31.2 lbs./cu.ft.

# MEGALAC<sup>®</sup> Rumen Bypass Fat INFORMATION

## **PACKAGING**

MEGALAC® Rumen Bypass Fat is available in 50-pound bags, bulk sacks, and bulk.

## **FEEDING RECOMMENDATIONS**

For best results, MEGALAC should be incorporated into a properly balanced ration. Feeding MEGALAC at 0.5 lb. to 2.0 lbs. per cow per day may be needed to meet the energy requirements of the high-producing cow.

When balancing the ration to include MEGALAC, consideration should be given to providing sufficient undegradable protein intake for the expected additional milk. MEGALAC provides its greatest benefit when cows are in negative energy balance (typically the first third of lactation). Body condition is the best indicator of the energy status of a cow.

Introducing at low levels to cows beginning two weeks prior to calving is suggested. For more specific feeding recommendations, contact your nutrition advisor.

## **RESEARCH SUPPORT**

More than 40 research trials at leading universities in the United States, Canada, Mexico and Europe have shown that MEGALAC\*:

- does not interfere with rumen function,
- is highly digestible, and
- provides 2.96 Mcal/lb. to support increased milk production, body condition and/or reproduction.

## **NUTRIENT PROFILES**

To access the product's nutrient profile, please visit our website, [www.AHanimalnutrition.com](http://www.AHanimalnutrition.com).

## **ADDITIONAL INFORMATION**

To place orders, call Customer Service at 800-631-5591. For technical information, call 800-526-3563.

**Visit [www.AHanimalnutrition.com](http://www.AHanimalnutrition.com) for more information about MEGALAC.**

\*Every dairy operation will vary in economic response when using MEGALAC. Additional energy can go into milk production, milk fat or protein, body condition or reproductive needs. It may not be nutritionally possible to receive full responses in all categories.