

CALCIUM BYPASS FAT

**THE MULTI-PURPOSE
RUMEN PROTECTED FAT**



calciumbypassfat.com

HOW TO FEED CALCIUM BYPASS FAT / RUMEN PROTECTED FAT

Calcium bypass fat can be supplemented to dairy cows and other animals by mixing with concentrate mixture. Mix well with other foods used by animals. Thus, it will give better results on milk. Calcium Bypass Fat can be given as single dose or in divided doses.

TYPICAL FEED RATES OF CALCIUM BYPASS FAT/RUMEN PROTECTED FAT

Recommended amount of use varies according to criteria such as yield level of animals, lactation period, structure of ration etc. Based on average conditions, we can recommend the following doses:

Specification	G/Head/Day
Medium-efficient cows	4.000-5.000 liters / 300-500
High yielding cows	500-1 kg
Sheep	50-150
Goats	50-150

CALCIUM BYPASS FAT / RUMEN PROTECTED FAT EXPLANATION AND PACKAGING

Rumen Protected Fat are the most highly digestible fat group in many trials and have proven to have a very positive effect on yield and reproductive performance in high milk-yielding animals. Calcium salts of long chain fatty acids are produced as the insoluble salt as a result of the reaction of long chain fatty acids with the carboxyl group. Due to this feature, digestibility is high. Also calcium salts are not affected by rumen ph.

- Appearance is solid, particulate powder <
- Coloris yellowish, light brown <
- Odoris characteristic oil-soap smelling <
- Available in 25 kg bags and big bag packing <
- Cool, dry and away from direct sunlight and should be kept in sealed package. <

WHY IS CALCIUM BYPASS FAT / RUMEN PROTECTED FAT UNIQUE

High yielding dairy cattle during early lactation are often in negative balance because of insufficient feed intake to meet energy requirements. Doped foods should be given to protect dairy cattle from diseases such as ketosis in the later period of lactated. Because the appetite-enhancing additive fats are added to the given feeds, they make the food delicious and catchy. For this, the rumen protected fat is the most ideal food. Calcium Bypass Fat is uniquely formulated with a specific balance of C16:0 and C18:1 fatty acids to achieve performance benefits through the whole lactation. It has many benefits for the feed of dairy cattle after the lactation period.

Some advantages of Calcium Bypass Fat:

- › Increases the fat content
- › Protects from heat stress
- › Keep animals in positive energy balance
- › If there is no recovery of lost body weight for any reason, milk yield increases during the entire production period
- › Improves meat quality

Properties	Typical Value
Total Fat	82-85%
Calcium	8-10%
Metabolic Energy	6900-7400 kcal/kg
Fatty Acid Composition	
C14	2-5 %
C16	22-34%
C16'	1,5-4%
C18	20-60%
C18'	32-45%
C18''	2-6%

IMPORTANCE OF C16 TO C18' RATIO

Foods to be used in dairy cows are expected to increase milk yield and fertility. Calcium Bypass fat contains high C16 and C18' fatty acids. C16 is very effective in increasing milk yield while C18' increase fat digestibility and fertility.

PROVEN BY RESEARCH

In recent studies conducted at high institutions, it was found that cows were more vigorous and healthy after using Calcium Bypass Fat. In addition, it was determined that milk yield and meat quality increased.



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