

## KENANA ANIMAL FEED

### GUIDE FOR USE OF KENANA ANIMAL FEED ( MILKING )

- Formulated according to the international specification of dairy cattle feeding .
- There are no abnormal effects on the alimentary canal ( digestive system of the animal ).
- We recommend offering KSC animal feed to the cattle in equal morning and evening meals.
- As known in ruminants, an adaptation period of about a week is required before the full productivity of the animal feed is observed.
- The animal can depend only on KSC animal feed . However, to avoid Vitamin A deficiency it is recommended to offer about 2 kg of green fodder twice a week.

### IMPORTANT DIRECTIVES:

- Kenana Natural Feed is a complete diet any additional ingredients or feeding is not recommended.
- Please don't add or mix with water.



### ESTIMATION OF FEED REQUIREMENT ASSUMING THE FOLLOWING:

Live weight of the cow = 450 kgs  
 Daily Milk Production : 15 kgs  
 Expected Daily Live Weight Gain: Nil  
 Maintenance Daily Metabolisable Energy Requirement: 49.30 MJ<sup>(1)</sup>  
 ME requirement for milk production: 73.50 MJ<sup>(2)</sup>  
 Total Metabolisable Energy Dairy Requirement: 122.80 MJ.  
 The Kenana Natural Dairy feed contains 10.1 MJ/Kg of DM.  
 Therefore, the total feed requirement for the cow above is  $122 \div 10.1 = 12.16$  of Kenana Feed ( DM )  
 Therefore,  $12.16 \div 0.90^{(3)} = 13.50$  Kg of Kenana Feed Natural Feed.

Some notes and observations on the Animal feed Guidelines:

1/ Calculated according to the following formula:  $0.091 \text{ L wt(kg)} + 8.3 = \text{MJ ME/day}$   
 2/ kg milk = 5.0MJ ME  
 3/ DM in Kenana natural feed .