BENEFITS:-

- 1. It improves general health of the animals.
- 2. It enhances milk yield of animals.
- 3. It improves quality and increases the fat content of milk.
- 4. It improves reproductive efficiency of animals.
- 5. It reduces the need for other supplements.
- 6. It keeps the digestive system in line and decreases gases emission, e.g. methane gas which causes environmental pollution.





Dose adjustment: -

The average dose of NIAB Feed Block for cow and buffalo depends on various factors like age and stage of the animal along with nutritional and environmental factors. On average 400-600 g/day, are recommended for cattle and buffalo whereas for sheep and goat it is 200-300 g/day.

Cost of the Blocks:-

The price of 2 kg NIAB Feed Block is Rs. 180/Block

Precautions:-

NIAB Feed Block enhances thirst; therefore, provide the plenty of drinking water to the animal.

For further information please contact:-

Dr. Hafiz Noubahar Hussain, PS and Dr. Muhammad Usman Mazhar, SS **Website:** http://:www.niab.org.pk



NIAB FEED BLOCK

(Developed with the help of IAEA)

A Simple and Economical Way to Increase Meat and Milk Production from Ruminants (Buffalo, Cow, Goat, Sheep).

Preface:-

The productivity of most of Pakistani animals is low and does not fulfill the demand of our fast increasing population. One of the major constraints for low production is the inadequate nutrition. The available main resources are pasture, straw and crop residues, which are generally low in essential nutrients. Feeding concentrates (oil seed cake, wheat bran etc.) are also not approachable due to high price. To solve this problem, NIAB started research in cooperation with International Atomic Energy Agency (IAEA prepared "NIAB Feed Block' which contains all the essential nutrients in appropriate proportion to fulfill the requirement of the animal.

Dr. Muhammad Yussouf Saleem

Director, NIAB

Table: Following ingredients are required to prepare the blocks

Ingredients used for "NIAB Feed Blocks"
Molasses
Wheat Bran
Protein meal
Di-Calcium Phosphate (DCP)
Urea (to a safe level)
Lime
Salt
Gypsum
Min. Mix

PAKISTAN ATOMIC ENERGY COMMISSION

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