



# U-COATE®

NEEM FAT BASE



Guarantee: **Neem based urea coating agent**

## FEATURES & USES:

UCOATE® is made by structuring Neem oil and contains Neem triterpenes (Epinimbin, deacetylnimbin, sallanin). It is an effective urea coating agent which prevents loss of Nitrogen in soil and increases nitrogen uptake by the crops so that they receive maximum benefit of the applied nitrogenous fertilizers.

## MODE OF ACTION:

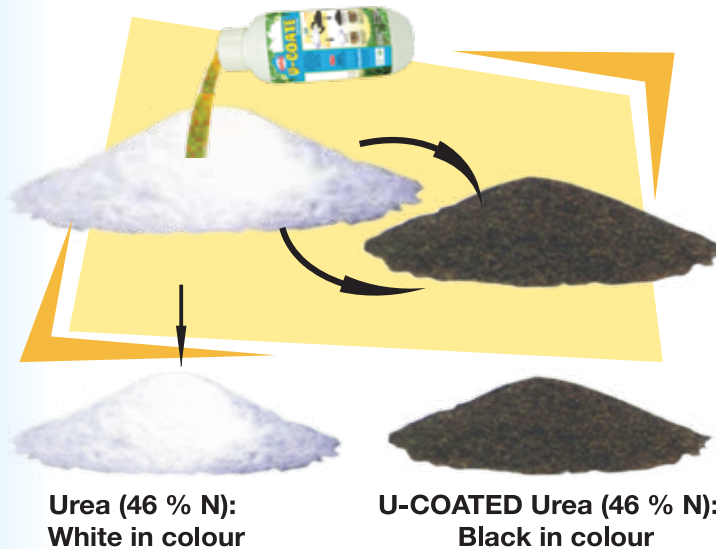
UCOATE® helps to retard the activity and growth of the bacteria responsible for denitrification e.g Nitrobacter and Nitrosomonas-Nitrobacter is responsible for loss of Nitrogen from Urea and CAN and its fast release. Use of Ureacoat® results in controlling the loss of nitrogen and therefore slow release of the Nitrogen.

## APPLICATION:

Mix 300gm UCOATE® with 50 Kg. of urea in a drum or on a plastic sheet in shade and mix thoroughly until a uniform coating is formed then leave under the shade for 2-3 hours. The coated urea is now ready to use. The Coated urea can be stored in normal conditions properly sealed in a bag or container.

## CROPS:

Cereals,  
sugarcane,  
rice,  
vegetables.



**Nitrogen in uncoated urea available to plant roots for only 70-90 hours**



**Nitrogen in coated urea available to plant roots for 20 days and above**

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