



SULPHUR Coated UREA

Sulphur Coated Urea (SCU): is a slow release granular fertilizer that provides plants with nutrients throughout the growing season with good combination of nitrogen and sulphur.

RELEASE MECHANISM:



1- granules absorb water vapor through the pores in the coating



2- moisture slowly dissolves urea



2- Nitrogen diffuses slowly and continuously in the soil

1. When the SCU comes in contact with soil moisture, granules begin to absorb water vapor through micro-pores in the coating.
2. Moisture slowly dissolves the urea content.
3. Nitrogen diffuses continuously into the soil .

WHY TO USE SULPHUR COATED UREA (SCU)?

- SCU:** reduces the risk of nitrogen leaching or washing and increases fertilizer use efficiency.
- SCU:** makes more nitrogen available as a nutrient to the plant.
- SCU:** promotes plant growth, increases the yield and improves the quality of the crops.
- SCU:** is suitable for all crops including ground cover, turf, shrubs, trees and field crops.
- SCU:** releases nitrogen independently of microbial and bacterial action in the soil.
- SCU:** decreases the risk of heavy applications of conventional fertilizers.
- SCU:** is an environment-friendly fertilizer, which control nutrients release rate.
- SCU:** provides sulphur as a plant nutrient.



COMPOSITION:

Nitrogen (N) 40%
 Sulphur (S) 13%

APPLICATION RATE:

Field crops : 20-40-kg/1000 m2.
 Trees : 1-2 kg/tree
 Cereals and corn : 30-50 kg/1000 m2
 Ground cover & Lawn : 20-40-kg/1000 m2

IMPORTANT:

- Sulphur Coated Urea SCU offers slow-release feeding up to 12 weeks.
- Release rate is controlled by the soil temperature, which determines the rate of water vapor penetration and fertilizer diffusion.
- As temperature rises, the release rate increases.

BAGGING:

WPP laminated bags with PE inner liner (resist tearing, easier to read, keep product drier, reduce caking)
 Available in 25 Kg bags.



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