



Gromor nano Urea

Gromor Nano Urea consists of particles of polymer-encapsulated urea which are of nano size (< 100 nm). These nano-sized particles are suspended in an aqueous solution which can be sprayed onto the leaves of the plant after dilution. These particles enter the plant through stomata and then penetrate the cell membranes through endocytosis. Inter and intra cellular movement of nano urea happens through apoplastic and symplastic pathways. Inside the cell, urea nanoparticles release urea molecules which are further utilized for protein synthesis and other cellular functions.

500 ml

Specifications

- GGromor Nano Urea is a premium in-house invented and manufactured product based on cutting edge Nanotechnology.
- It is a unique liquid fertilizer product that contains nano particles of Urea.
- It is a source of nitrogen (12% N).
- The small size of Nano Urea (< 100 nm, out of which 60-80% are less than 50 nm) and high surface area drive the easy absorption by plant leaves.

Other Details

- It is ideal for all crops.
- Dosage is 1 Litre/acre

Crop Application

- First spray of 500ml at vegetative stage (25-30 days after crops sown/transplanted).
- Second spray of 500ml at the pre-flowering stage (45-50 days after crops sown/transplanted)

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