



Gromor nano DAP

Gromor Nano DAP consists of particles of polymer-encapsulated DAP 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 membrane through endocytosis. Inter and intra cellular movement of nano DAP happens through apoplastic and symplastic pathways. Inside the cell, DAP nanoparticles release DAP molecules which are further utilized for ATP synthesis, which in turn provides energy for photosynthesis and other cellular functions.

Pack Size 1 Litre

Specifications

- Gromor Nano DAP 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 Diammonium Phosphate (DAP).
- It is a source of nitrogen and phosphorus – 2 key primary nutrients (2% N and 5% P₂O₅)

- The small size of Nano DAP (< 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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