

Miracle Of 21st Century : World's First Nano-Tech Based Liquid Nano Urea

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Introduction

In the current scenario it is an urgent requirement to satisfy the nutritional demand of rapidly growing global population while increasing the productivity of crops thereby increasing farmers income using conventional farming techniques nearly one-third of crops get damaged so there is need of more innovative technologies to overcome the damages like pest infestation microbial attacks natural calamities poor soil quality and lesser nutrient availability agriculture is a mainstay of developing economy and provides food for a better life but the cost of inputs like fertilizers pesticides is showing in this regard Nano technology has contributed to agro technological revolution that has used potential to reform the resilient agriculture system by promising food security.

June 2021 IFFCO To Launch Liquid Nano Urea :

An innovation solution for reducing environmental pollution and for betterment of soil health.

IFFCO unveils world's first Nano liquid urea fertilizer on Monday 1st June 2021 which is cheaper and easier to store in transport if you said that it's nenu urea liquid is already included in fertilizer control order ,1985 on the basis of multi location in multi crop trials undertaken under National agricultural research system (NARS) at 20 ICAR research institutes , state agriculture universities and KVK's on 43 crops.



Nano Urea Efficacy :

To test its efficacy 11,000 farmer field trials were also undertaken on more than 94 crops across the country recently these trials demonstrated that there is an 8% increase in yield with this Nano liquid fertilizer. A 500ml bottle of IFFCO Nano urea liquid will replace at least one bag of conventional urea hence , it will reduce the input cost to farmer it is said to be capable of replacing one conventional urea and each 500ml bottle contains 14000 PPM nitrogen which is equivalent of nitrogen nutrient provided by one bag of conventional urea.



IFFCO NANO UREA LIQUID

Introducing World's First Nano Urea for Farmers

- Reduces Input Cost
- Increases Farmers' Income
- Environment-friendly
- Enhances Crop Productivity
- Improves Nutritional Value
- Cheaper than Conventional Urea

Technology Behind Nano Urea :

Use of nanotech for plant nutrients to halve area usage and raise productivity. Nano liquid contains nanoscale nitrogen particles which have more surface area (10000 times over 1 mm urea prill)and number of particles (55000 nitrogen particles over 1 mm urea prill) which makes it more impactful.

Boon To Farmers :

As compared to conventional urea bag it is much cheaper, easy to handle and use more importantly the use of this liquid fertilizer will not only boost balance nutrition of crop but also reduce the excess use of urea by farmers which has been causing environmental pollution and harming soil health making plant more susceptible to disease and insect infestation said IFFCO. It would effectively increase farmer's income due to the small size of Nano urea liquid it can be kept in pocket and will significantly bring down the cost of logistics and warehousing also. It save nitrogen to extent of 50%.

Conclusion :

IFFCO urea is a product of 21st century and it is the need of hour to keep the environment, soil, air and water safe for future generations while securing food for all.