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## IFFCO & IG Drones Begins Field Trials of Nano Urea Liquid Spraying with Drones

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IFFCO, which was the first to use nanotechnology to assist farmers in fertilizer distribution, conducted a field trial using drones to ensure equal distribution of nutrients. Problems will be solved by using drones to spray more land in less time.

IG Drones collaborated with IFFCO to begin field testing of Nano urea Liquid spraying with drones. [India](#), the world's largest consumer of urea and di-ammonium phosphate, plans to achieve self-sufficiency by 2025 and anticipates saving Rs. 40,000 crores by switching to Nano-urea manufactured in [India](#) by IFFCO.

[India](#) is a major agricultural player on a global scale. Crop productivity can be increased through better soil, water, and nutrient management, which will help keep the agriculture sector booming. Authorities are focusing on nano urea liquid because it has been found to be extremely high-quality in growing the dietary fine and crop productivity without improving the quality of underground water, in order to improve the seamless provision of fertilizers.

Prime Minister Narendra Modi officially opened the world's first nano urea liquid plant in Kalol, Gujarat. Nano Urea, manufactured by Indian Farmers' Fertilizer Cooperative Limited (IFFCO), is the only Nano fertilizer approved by the Government of [India](#) and covered by the Fertilizer Control Order (FCO).

It was developed and patented with the assistance of IFFCO. One 50 kg bag of granular urea that farmers currently use is equivalent to a 500 ml bottle of nano urea.

As a result, the logistical cost of urea will be greatly reduced. Eight more micro urea plants will be built across the country.

The global market for liquid fertilizers is expected to be worth USD three billion by 2025, with a CAGR of 4.4 percent. The rise in demand for more desirable high-efficiency fertilizers, the ease of use and application of liquid fertilizers, and the adoption of precision farming and covered agriculture are all expected to fuel the market boom.

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As a result, the farmers will have more time. Spraying will be less expensive. This will result in financial savings for the farmers. Furthermore, the safety of the sprinklers will be guaranteed. Drones are one of the most important components because they are the only way to disperse nutrients quickly.

Read the [original article](#) on Krishi Jagran.