



**KAMARAJ IAS ACADEMY**  
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# Nano DAP

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**Subject: Science & Technology**

**Why is in news?** Home Minister Amit Shah inaugurates Country's first Nano DAP plant in Gandhinagar, Gujarat

Union Home and Cooperation Minister said nanotechnology will be the game changer in agriculture in the days ahead

Addressing a large number of farmers after inaugurating the **Country's first Nano DAP plant by IFFCO near Kalol in Gandhinagar**, the Minister said it is the need of the hour to adopt natural farming and reduce the use of fertilizers in agriculture without compromising the scale of the production.

The Minister lauded IFFCO's contribution in developing nano variants and coming up with successful alternatives to chemical fertilizers.

## About:

It is a **concentrated phosphate-based fertilizer**.

It provides phosphorous nutrition throughout the crop growth and development cycle.

Nano-DAP is jointly manufactured by Indian Farmers Fertiliser Cooperative (IFFCO) in association with a private player Coromandel.

Nano-DAP will be sold at Rs 600 per bottle of 500 ml. One bottle will be equivalent to one bag of DAP, which currently costs Rs 1,350.

## Expected benefits:

DAP is the **second most consumed fertilizer** in the country after urea.

Out of the estimated annual consumption of around 10-12.5 million tonnes, local production is around 4-5 million tonnes, while the rest has to be imported.

Nano-DAP will help to bring down India's fertilizer import bill.

It is also expected to contribute to bringing down the annual subsidy on non-urea fertilizers.

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