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Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

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Q15

How does nanotechnology offer significant advancements in the field of agriculture? How can this technology help to uplift the socio-economic status of farmers?

UPSC Civil Services Mains 2025 · GS III · 15 marks · Crops, Irrigation and Marketing

Major crops - cropping patterns in various parts of the country; different types of irrigation and irrigation systems; storage, transport and marketing of agricultural produce and issues and related constraints; e-technology in the aid of farmers.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

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Nano urea

A liquid nitrogen product sold at scale in India with claims of higher efficiency; scientists continue to test yield claims in open fields.

Use efficiency

Ordinary urea is poorly taken up by plants; a large share is lost to air and water, which is the scientific case for better formulations.

FCO

The Fertiliser Control Order, the legal list and standard for what may be sold as fertiliser in India.

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