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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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Q6

How is science interwoven deeply with our lives? What are the striking changes in agriculture triggered off by the science-based technologies?

UPSC Civil Services Mains 2020 · GS III · 10 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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HYV wheat and rice

Semi-dwarf, fertiliser-responsive varieties that underwrote India's grain self-sufficiency from the late 1960s.

Bt cotton

India's principal commercial GM crop, aimed at bollworm, with continuing debates on pink bollworm and seed systems.

Soil Health Card

Scheme to issue plot-wise nutrient advice so fertiliser use is not a blunt N-heavy dose.

PMKSY-PDMC

Per Drop More Crop: micro-irrigation support as a science-and-engineering water save.

Agro-met advisories

IMD-ICAR district weather-based farm advice delivered by SMS and extension.

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