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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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Q4

How and to what extent would micro-irrigation help in solving India's water crisis ?

UPSC Civil Services Mains 2021 · 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.

<https://wrapexams.com/upsc/mains-answers/gs-3/2021/how-and-to-what-extent-would-micro-irrigation-help-in-solving-indias-water-crisis/>

PMKSY

Pradhan Mantri Krishi Sinchayee Yojana: umbrella for irrigation, including Per Drop More Crop micro-irrigation.

PDMC

Per Drop More Crop: subsidy and cluster support for drip and sprinkler.

Atal Bhujal Yojana

World Bank-aided groundwater management in notified water-stressed blocks; a complement to hardware.

Flood irrigation

Dominant Indian method with high conveyance and evaporation loss, especially in canal commands.

Rebound effect

Using water saved by drip to expand thirsty cropped area, which can cancel basin-level savings.

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