

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

LOK SABHA
UNSTARRED QUESTION NO. 2665
TO BE ANSWERED ON THE 19TH DECEMBER, 2023

DRIP SPRINKLER SYSTEM

2665. SHRI RAHUL KASWAN:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) whether the Government proposes to provide irrigation water to all farmers by providing grants for making 'Diggi' on their field for the Drip Sprinkler System (drop by drop) irrigation scheme in areas irrigated by wells, tubewells and canals;
- (b) if so, the details thereof; and
- (c) the time by which the completion of the scheme for providing water to every farmer for irrigation is likely to be completed?

ANSWER

MINISTER OF AGRICULTURE AND FARMER'S WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI ARJUN MUNDA)

(a) to (c): Diggi is a water storage structure for collection of water to use in irrigation. Government of India supports construction of water harvesting and conservation works through Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS). Large number of water bodies such as farm ponds, dug wells, check dams and community ponds (water harvesting & Fishery) have been created under the MGNREGS Scheme. Under MGNREGS, 26.30 lakh water harvesting structures have been created during last five years and current year, so far.

Mission Amrit Sarovar has been launched in April 2022 as a part of celebration of Azadi ka Amrit Mahotsav with an objective of construction/ development of at least 75 Amrit Sarovar (ponds) in every district of the country. So far, 84,224 work have been commenced and 68,522 sites have been completed under the Mission.

Government of India is committed to accord high priority to water conservation and its management. To this effect, Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) was launched during 2015-16 with the vision of extending the coverage of irrigation “Har Khet Ko Pani” and improving water use efficiency “More Crop Per Drop” in a focused manner with end to end solution on source creation, distribution, management field application and extension activities. The components of PMKSY are as under:-

1. Accelerated Irrigation Benefit Programme (AIBP) being implemented by Department of Water Resources, River Development & Ganga Rejuvenation (DoWR, RD&GR).
2. Har Khet Ko Pani (HKKP) being implemented by Department of Water Resources, RD & GR.
3. Watershed Development Component (WDC-PMKSY) being implemented by Department of Land Resources.
4. Per Drop More Crop (PDMC) being implemented by Department of Agriculture & Farmers' Welfare.

The PMKSY-AIBP focuses on faster completion of on-going Major and Medium Irrigation projects prioritized during 2016-17 for expeditious completion along with their Command Area Development and Water Management (CADWM) works.

PMKSY– Har Khet Ko Pani- Ground Water Irrigation scheme aims for assured ground water irrigation to small and marginal farmers by construction of wells and tubewells to reduce the dependence on rainwater. So far 13 projects have been implemented in 10 States, namely, Assam, Arunachal Pradesh, Gujarat, Nagaland, Manipur, Mizoram, Tripura, Tamil Nadu, Uttar Pradesh, Uttarakhand.

The schemes of Surface Minor Irrigation (SMI) and Repair, Renovation & Restoration (RRR) of Water Bodies are under the HKKP component of PMKSY being implemented by DoWR, RD&GR.

Watershed Development Component (WDC-PMKSY) is being implemented by Department of Land Resources. The activities undertaken inter alia, include ridge area treatment, drainage line treatment, soil and moisture conservation, rainwater harvesting, nursery raising, pasture development, livelihoods for asset less persons etc.

Per Drop More Crop (PDMC): During 2015-16 to 2021-22, PDMC was implemented as a component of PMKSY. From the year 2022-23, PDMC is being implemented by Department of Agriculture & Farmers Welfare as a component of Rashtriya Krishi Vikas Yojana (RKVY).

PDMC focuses on enhancing water use efficiency at farm level through Micro Irrigation, namely, Drip and Sprinkler irrigation systems. To supplement source creation to enable the farmers to adopt micro irrigation, the scheme supports for micro level water storage, water conservation/management activities etc on need basis. So far, an area of 83.05 Lakh hectare has been covered under Micro Irrigation in the Country through PDMC scheme.

The Operational Guidelines of PDMC envisages that the activities of on-going programmes and schemes particularly with created water sources to be linked with Micro Irrigation to make potential use for higher water use efficiency.

The Government has further approved implementation of PMKSY during 2021-22 to 2025-26 with overall outlay of Rs. 93,068.56 crore. The broad details of the works approved for implementation under the scheme during the period are as below:

- i. AIBP including CADWM: The scheme proposed for completion of 60 number of ongoing AIBP and 85 number of ongoing CAD&WM major/ medium projects. The DoWR, RD&GR has also been mandated to include more projects for funding under AIBP. In addition, funding of two additional National projects, namely, Lakhwar and Renuka projects, has also been approved. A total of 13.88 lakh hectare irrigation potential has been envisaged to be created during 2021-22 to 2025-26. Further, 30.23 lakh hectare of command area development works have also been planned during this period.
- ii. PMKSY-HKPP: Completion of ongoing SMI & RRR of water bodies schemes with creation of 3.7 lakh hectare of irrigation potential and taking up new projects to create 0.8 lakh hectare of irrigation potential has been approved during this period.
- iii. PMKSY-WDC: Completion of sanctioned Watershed Development projects covering 50.55 lakh hectare area has been approved during this period.
