

GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

RAJYA SABHA

UNSTARRED QUESTION NO. 2028

ANSWERED ON 07.08.2023

ADEQUATE WATER SYSTEM FOR IRRIGATION

2028#. SMT. MAHUA MAJI

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) the details of the present mechanism for rainwater harvesting under the provision of adequate water for irrigation in plateau areas like Jharkhand, where besides rain, farmers face acute shortage of water for irrigation throughout the year and have to migrate for employment;
- (b) the details of the per centage of farmers' fields being irrigated by rain water in the plateau areas of Jharkhand, district-wise; and
- (c) the steps being taken by Government to encourage private participation for water harvesting keeping in view of severe water crisis?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) Water is a State subject and the Central Government supplements the efforts of the States through technical and financial support. Central Government implements various schemes/abhiyans which, inter-alia include rainwater harvesting including in plateau areas. Jharkhand Govt. has intimated that check dams, weirs, ponds, aahars are constructed for Rain Water Harvesting and providing irrigation to farmers.

Major Central Government Schemes are Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) and Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS).

Besides, Jal Shakti Abhiyan (JSA) campaign was launched in the year 2019 in 256 water stressed districts of the country which has later been implemented across the country annually including Jharkhand as "Jal Shakti Abhiyan: Catch the Rain" (JSA: CTR) campaign since 2021. The fourth in the series, JSA:CTR 2023 has been launched on 04.03.2023 for implementation in all rural and urban areas of all districts across the country. Master Plan for Artificial Recharge to Groundwater- 2020 has been prepared by Central Ground Water Board (CGWB) in consultation with States/UTs. The Master Plan envisages construction of about 1.42 crore rain water harvesting and artificial recharge structures in the country to harness 185 Billion Cubic Metre (BCM) of monsoon rainfall. The Master Plan has been circulated to all the States/UTs for implementation.

(b) No such information is centrally maintained. However, Water Resource Department, Jharkhand has intimated that irrigation potential of 10.05 lakh ha out of 24.25 lakh ha irrigable land has been created by major, medium and minor schemes which is 41.44%. District-wise data is at **Annexure**.

(c) Central Government takes various steps to encourage private/public participation for water harvesting through Atal Bhujal Yojana (ATAL JAL), water talks, webinars, workshops, water awards, awareness generation campaigns, trainings, National Water Policy, guidelines, involvement of civil societies, non-government and voluntary organisations etc. Jharkhand Government also encourages public participation for rain water harvesting through stalls in melas by presenting rain water harvesting models and through distribution of pamphlets, putting hoardings in public places.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 22028 TO BE ANSWERED IN RAJYA SABHA ON 07.08.2023 REGARDING “ADEQUATE WATER SYSTEM FOR IRRIGATION”.

District-wise Irrigation Potential created in Jharkhand

Sl.No	Districts	Gross Irrigation Potential Created (in Hectare)
1	Bokaro	16309
2	Chatra	26701
3	Deoghar	72198
4	Dhanbad	18720
5	Dumka	122688
6	East Singhbhum	122470
7	Garhwa	46763
8	Giridih	17998
9	Godda	180052
10	Gumla	30153
11	Hazaribagh	15449
12	Jamtara	46122
13	Khunti	19673
14	Koderma	10027
15	Latehar	29488
16	Lohardaga	10938
17	Pakur	10591
18	Palamu	74263
19	Ramgarh	3249
20	Ranchi	45972
21	Sahibganj	12314
22	Saraikela Kharsawan	17276
23	Simdega	13520
24	West Singhbhum	41803
Total :-		1004737

Source: Water Resources Deptt., Jharkhand Government
