

**GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA**

UNSTARRED QUESTION NO:4036

ANSWERED ON:13.08.2015

Use of Treated Sewage/Drainage Water for Irrigation

Choudhary Col. (Retd) Sona Ram

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

- (a) whether there is acute shortage of water for irrigation and consequently very large areas of land remain uncultivated and if so, the details thereof and the reasons therefor;
- (b) whether any scheme has been prepared for using sea-water and treated sewage/drainage water for irrigation on the lines of Israel and Spain;
- (c) if so, the details thereof; and
- (d) whether the Government is taking concrete measures for using treated sewage/ drainage water for irrigation and if so, the details thereof?

Answer

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
(PROF. SANWAR LAL JAT)

(a) As per available information, out of the total precipitation of about 4000 Billion Cubic Meter (BCM), nearly 1123 BCM is available for use in the country.

Ministry of Agriculture has estimated that the net sown area in the country is about 141 Million Hectares, of which about 65 Million Hectares is irrigated and remaining 76 Million Hectares are rainfed. However, as per the information available with this Ministry, Irrigation Potential Created is about 113.90 Million Hectares.

The National Commission for Integrated Water Resources Development (1999) had assessed that the total water requirement for irrigation for the years 2010, 2025 and 2050 would be about 557 BCM, 611 BCM and 807 BCM respectively.

(b) to (d) No specific scheme for reusing of the sea water and treated sewage / drainage water for irrigation is being implemented presently. However, Central Government has approved the scheme of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY), one of the objectives of which is to explore the feasibility of reusing treated municipal waste water for peri-urban agriculture.
