

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

LOK SABHA
UNSTARRED QUESTION NO.1552
TO BE ANSWERED ON THE 11TH FEBRUARY, 2020

FEASIBILITY OF PIPED IRRIGATION

1552. SHRI NAMA NAGESWARA RAO:

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

- (a) whether the Government is considering the feasibility of having piped distribution system for irrigation as is being followed in many foreign countries and if so, the details thereof; and
- (b) if not, the reasons therefor?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): With the rising population and increase in demand for water by various sectors, it is essential that water use efficiency is increased in every water use activity including irrigation for sustaining the food, water and shelter requirement of the human and animal population within finite water availability. Piped irrigation system can curtail irrigation water demand without compromising net irrigation requirement (NIR) by improving water use efficiency in irrigation sector. The estimated overall efficiency with piped irrigation network is of the order of 70-80% which is above the efficiency of conventional canal network system (35-60%).

In this context, Guidelines for Planning and Design of Piped Irrigation Network (July, 2017) has been prepared by Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti. The same is available at www.cwc.gov.in/sites/default/files/PIN%2027_7_2017_Uploaded.pdf.

Government of India promotes and supports State Government to implement Piped Distribution System in all the irrigation projects which are proposed or being implemented. Under Pradhan Mantri Krishi Sinchayee Yojana (PMKSY), States like Maharashtra, Gujarat, Chhattisgarh etc have already started implementing the piped distribution system.
