

**GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF DRINKING WATER & SANITATION
LOK SABHA
UNSTARRED QUESTION NO. 3084
TO BE ANSWERED ON 11.07.2019**

Using Moringa as Water Purifier

3084. SHRI PINAKI MISHRA:

Will the Minister of JAL SHAKTI be pleased to state:

(a) whether the moringa seeds have proven to be a perfect water purifier besides being very cost effective and healthy;

(b) if so, whether the Government is considering investing more funds into the research and development of this local vegetable plant to achieve better and larger benefits for providing cheaper and clean drinking water to the masses and if so, the details thereof; and

(c) whether the Ministry has coordinated with the Ministry of Agriculture for increasing the production of Moringa vegetables for larger, better and beneficial use and if so, the details thereof?

**ANSWER
MINISTER OF STATE FOR JAL SHAKTI
(SHRI RATTAN LAL KATARIA)**

(a) & (b) The research and development project on “Use of Moringa Oleifera Seed Flour as a potential source for water purification” was assigned to Central Food Technology Research Institute, Mysore by the Department of Drinking Water and Sanitation (DDWS) with an objective to carry out the research on the use of Moringa Oleifera Seed Flour as a potential source for water purification. In the research report, it has been concluded that the Moringa Oleifera Seeds Flour is effective to remove only turbidity of the water and doesn't have any effect on parameters like Chemical Oxygen Demand, acidity, alkalinity, hardness, pH, microbial activity, TDS and conductivity. It needs to be coupled with other water treating compounds or processes to produce a safe and economic water purifier. No further request for funding the said R&D project is received in the Department of Drinking Water and Sanitation.

(c) In view of the above, does not arise.