



Research Article

## Study on the impact on the farmers in the adoption of drip irrigation system

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**SUMMARY :** Drip irrigation is an effective method of providing irrigation water directly into soil at the root zone of plants. The present paper attempts to determine to what extent the farmers adopted drip irrigation system. Interviewing 120 farmers face-to-face, selected through proportionate sampling technique from eight Panchayat Samities of Chittorgarh and Udaipur in Rajasthan state of India, relevant data were gathered. Empirical data revealed that of total, 35 (58.33 %) and 31 (51.67%) of farmers from Chittorgarh and Udaipur districts, respectively fell under medium adoption level regarding DIS. Farmers of both the categories (Chittorgarh and Udaipur) are needed to be educated and persuaded regarding following techniques: Use of strainer filter to control physical impurities, use of fertigation with DIS, acid treatment for cleaning the system, use of emitters per plant, use of 5 ppm chlorine to avoid algae and bacteria and removal of emitters at the time of every ploughing.

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