



## Impact of Drip Irrigation Scheduling and Water Use Efficiency on Tomato (*Lycopersicon esculentum*) In Western Uttar Pradesh, India

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**Abstract:** The present study entitled Impact of drip irrigation scheduling and water use efficiency on tomato (*Lycopersicon Esculentum*) was carried out at Department of Agricultural Sciences and Engineering, IFTM University, Moradabad in 2016-17. The effect different irrigation schedules viz. one hour in one-day interval, two hours in two-day interval, three hours in three-day interval and four hours in four-day interval was observed to assess the drip irrigation scheduling on growth and fruit quality of tomato, and determine the benefit-cost (B-C) ratio. The three hours in three-day interval was significantly superior on the basis of plant height, fruit weight, yield and water use efficiency.

**Keywords:** Drip irrigation method, Treatments, Irrigation scheduling

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