

## **PRODUCTION: A CASE STUDY OF TOMATO CROP IN VARANASI DISTRICT OF UTTAR PRADESH**

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### **ABSTRACT**

Tomato is one of the most important solanaceous vegetable crops grown throughout the world. In India tomato is the third largest vegetable next to only potato and brinjal. The study has been conducted using the primary data collected from the sample farmers of the selected areas of Araji Line block of Varanasi district to study the existing farm structure, cost of cultivation, profit measures and resource use efficiency of tomato in the agricultural year 2010-11. Cobb Douglas production function was used to assess the resource use efficiency of tomato in study area. On an average cost of cultivation of tomato per hectare was observed highest on marginal farms (₹50316.71) followed by large farms (₹47256.55), medium farms (₹42155.74) and small farms (₹42010.50).

**KEYWORDS:** Tomato, Farm Structure, Cost of Cultivation, Resource use Efficiency and MVP

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