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RESEARCH PAPER

# Influence of precision farming technology on chilli (*Capsicum annuum* L.) cultivation in Maharashtra

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## ABSTRACT

Chilli (*Capsicum annuum* L.) is one of India's major export commodities. The study was conducted in Satara district of Maharashtra in village Goregaon (Wangi). Precision farming is tools in hands of village farmer give beneficial result in increasing the socio-economic status of farmer. 91 farmers having 228 acre total land were selected for precision farming. Chilli crop was selected for *Kharif* session in 2013. In this experiment comparative study of conventional chilli cultivation and use of precision technology in chilli cultivation was undertaken. The result indicated that precision farming increased social and economic status of farmer by increasing, yield (25 t/ha), quality of produce (93.40%), economic use of water (97.80%) and C : B ratio. The C : B ratio of precision farming is higher (1.94) than conventional farming (1.55). The strength and weakness of precision farming was also studied.

**Key Words :** Precision farming, Chilli, Cost of cultivation, India

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