



Research Article

## Extent of economic gain through drip irrigation system by banana growers

■ G. NETRAVATHIA AND KRUNAL D. GULKARI

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**SUMMARY :** However, in India, 64 per cent of cultivated land is dependent on monsoons. The economic significance of irrigation in India is namely, to reduce over dependence on monsoons, advanced agricultural productivity, bringing more land under cultivation and for reducing instability in output levels. In Gujarat, only 23 per cent of the total cultivable land of the state is under irrigation, even with the fullest exploitation of the Sardar Sarovar Project. In order to inspire the farmers to maximize agriculture production at minimum cost to increase their income by adopting scientific water management technology to bring in revolutionary transformation of the agriculture scenario. The study was concerned to determine the economic gain accrued due to adoption of drip irrigation system by the banana growers. The study was conducted in Anand district of Anand, Umreth and Ankalav talukas that were having maximum number of drip sets installed for banana crop with a sample size of 120. The important aspects studied listed for the study were motivational sources for introducing DIS, saving in water, saving in fertilizers cost, saving in plant protection cost, saving in weed control expenses, saving of labour cost and increase in fruit production.

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Author for correspondence :

**G. NETRAVATHIA**

Department of Agricultural  
Extension, Anand  
Agricultural University,  
ANAND (GUJARAT)  
INDIA  
Email: g.nethravathi@  
gmail.com

See end of the article for  
authors' affiliations