

# **Evaluation of Front Line Demonstrations on Fertigation in Cotton**

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## **ABSTRACT**

The present study in the form of frontline demonstrations were conducted by DAATT Centre, Warangal during 2011, 2012 to 2013 crop seasons in six villages of Warangal district of Telangana state. The results of demonstrations showed that farmers could increase the seed cotton yield notably by switching over to drip fertigation and adoption of improved production technology. From the front line demonstrations, it was observed that the drip fertigation in cotton recorded the higher average yield of three years (56.03q/ha) compared to average yield of the farmers' practices (28.82 q/ha). The percentage in yield increase in the demonstration was 91.6, whereas extension gap, technology gap and technology index over farmer's practices were 27.87 kg/ha, 13.1 and 18.9 respectively.

Key words: Fertigation in cotton, FLDs, evaluation.