



RESEARCH ARTICLE :

Resource–use efficiency and technical efficiency of turmeric production in northern Karnataka

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SUMMARY : The present study is an attempt to assess the resource-use and technical efficiency in turmeric production in Northern Karnataka. For the study, 96 farmers practicing the cultivation of turmeric in both Bagalkot and Belagavi district were selected randomly. The data collected from the respondents were analysed using Cobb-Douglas (CD) production function and Timmer's output based measure of technical efficiency. The study revealed that, the MVP: MFC ratio was found more than unity in case of planting material, chemical fertilizers and plant protection chemicals in Belagavi district and bullock labour, machine labour and chemical fertilizers in Bagalkot district and nearly 50 per cent of the farmers were operating under less than 90 per cent technical efficiency ratings, mainly due to use of traditional cultivation practices. The major production and post-harvest constraint as opined by the sample farmers in both the districts were pest and disease attack and price fluctuation, respectively.

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