

**EFFICIENCY OF AGRICULTURE AND ITS DETERMINANTS
IN DISTRICTS OF TAMIL NADU**

By

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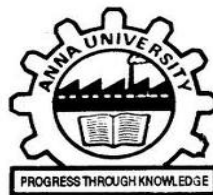
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ABSTRACT

Given the importance of the well being of a large percentage of population who depend on agriculture and the poor growth of this sector, it becomes important to study how improvements can be made in improving the output growth of this sector. In this paper, an attempt has been made to measure the technical efficiency of raising agriculture in districts of Tamil Nadu in order to find out what possibilities exist in raising the output without additional resources and given technology. For this purpose, this study employs the stochastic frontier production function model for panel data and district wise data on inputs and outputs relating to agriculture in Tamil Nadu during 2001-02 to 2006-07. The average efficiency is 45.5 percent. In an alternative specification, it is 48.8 percent. This study also attempts to identify the factors determining efficiency variations among the districts in Tamil Nadu. Education, infrastructure, credit facility and higher of agriculture in total GDDP emerged out to be significant factors.