

## OPTIMIZATION OF COMMAND AREA OF PUMP IRRIGATION SYSTEM

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**ABSTRACT** : The study was conducted to optimize command area of diesel and electrically operated irrigation pumps. All the direct and indirect factors which was effected the total investment in crop production for specific area has been consider for village-Parsara, Block-Jasra, Distt-Allahabad (U.P.). It was found that the optimum command area for diesel and electrically operated irrigation pump is 15 hectare and 20 hectare respectively.

**Key Words** : Optimum command area, diesel operated irrigation pump, electrically-operated irrigation pump.