

IRRIGATION PROBLEMS FACED BY THE RICE FARMERS
AND ITS RECOMMENDATIONS

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ABSTRACT

The objective of this project is to review some of the important problems that arise at on-farm level and to propose a new water management system centring on the following practices such as land levelling and reshaping, scheduling irrigation improved methods of planting and cultural practices, adopting short-term techniques like water storage and also by construction of irrigation and drainage facilities for a better water management on the farm.

The area selected for the study is Kg.Kubang Bemban, in Terengganu . An effort has been made to analyse the problems that have arised within the area by practising water management system. It is found that there is lack of water control at the farm level due to the irregular, narrow shapes of field lots, inadequate irrigation and drainage facilities for better water management, problems in transportation for the tractors of the products due to the lack of farm roads an so on.

To overcome some of the problems mentioned above and a particularly the control of flow of water on irregular shape field, some solution like land levelling and reshaping on field lots have been discuss.

Some recommendations have been proposed for irrigation and drainage facilities, easier transportation and method to reduce toxic substance in the soil.

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1.0 INTRODUCTION

1.1 OBJECTIVE OF PRESENT STUDY

The objective of this project is to review some of the important problems that arise at the on-farm level and to propose a new water management system based on the following practices; land levelling and reshaping, scheduling irrigation, improved method of planting and cultural practices, adopting short-term techniques like water storage, and construction of irrigation and drainage facilities for a better water management.

1.2 METHODOLOGY

A field survey of 50 paddy farmers in the area were selected where two types of data were collected for the study; first is the data from the project area involving personal interviews at the homes of respondents conducted by the author; Personal interviews were preferred by questionnaire was due to the low literacy rate in the area. (Refer Appendix A)

Prior to the interview the were brief session held by the project officer on how to collect the data .Second is the data involving research done by the Department of Irrigation and Drainage.