STUDY ON STATUS, IMPACT AND DETERMINANTS OF FARMERS' PARTICIPATION IN IRRIGATION MANAGEMENT

Sponsored by Planning Commission

Government of India

INSTITUTE FOR RESOURCE MANAGEMENT AND ECONOMIC DEVELOPMENT

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CONTENTS

		PAGE
PREFACE		i
ACRONYMS AND TERMS		
STUDY TEAM		iii
	SECTION I- INTRODUCTORY	
CHAPTER-I	INTRODUCTION	1-14
CHAPTER -II	EXPERIMENTS IN FARMERS 15-37 PARTICIPATION IN IRRIGATION MANAGEMENT - AN OVERVIEW	
ANNEXURE	LIST OF EXPERIMENTS	A1-A17
	SECTION II - CASE STUDIES	
CHAPTER-III	BIHAR EXPERIMENT	38-80
CHAPTER-IV	GUJRAT EXPERIMENT 81	
CHAPTER-V	MAHARASHTRA EXPERIMENT	127-171
CHAPTER-VI	TAMILNADU EXPERIMENT	172-210
	SECTION III - AN OVERVIEW OF	
	EXPERIENCE AND LESSONS	
CHAPTER VII	AN OVERVIEW OF PIM IN INDIA	211-217
CHAPTER VIII	FUNCTIONING AND IMPACT 218-232	
CHAPTER IX	PIM, OFFICIAL MACHINERY AND	233-237
	PANCHAYATS	
CHAPTER X	FACTORS AFFECTING PERFORMANCE	238-242
	AND GROWTH	
CHAPTER XI	RECOMMENDATIONS	243-249

PREFACE

The Institute for Resource Management and Economic Development (IRMED), Delhi, conducted a study on Status, Impact and Determinants of Farmers' Participation in Irrigation Management in India. The study was sponsored by the Planning Commission, Government of India. It was started in September 1997 and completed in January 1999. As data and information available from secondary sources were inadequate in certain respects and non existent in others, the study relied mainly on fresh data and information from primary sources. Four States of Bihar, Gujarat, Maharashtra and Tamilnadu were selected for detailed study involving collection of primary data through field surveys. A draft report of the study was submitted to Planning Commission in January 1999 inviting comments on the findings and suggestions. These were received in the begining of July 1999. The draft report was accordingly revised in the light of the comments and suggestions received, as well as review of by the Institute itself. A revised draft was submitted to Planning Commission in July 1999. This was approved by the Planning Commission. A suggestion was, however, made the some of the sections of the last chapter could be shown as separate chapters. The present report has been finalised in thelight of this suggestions given in the report would prove to be of much use for policy formulation.

Before concluding, I would like to thank members of the Committee of Direction for their valuable comments and advice. Thanks are also due to Shri A.K. Chakravorty, Shri L.M. Bhatt, Deputy Director and all members of the research staff who worked on this project. I offer my special thanks to Planning Commission and specially to Shri B.N. Nawalwala, Advisor I & CAD Division and Shri Shailendra Sharma, Adviser, Incharge (SER) for providing the needed cooperation

Kamta Prasad

November 7, 2000

Chairman

ACRONYMS AND TERMS

AED Agricultural Engineering Department

AKRSP Aga Khan Rural Support Project

ARP Action Research Programme

CAD Command Area Development

BFA Bneficiary Farmers Association

CADA Command Area Development Authority

CAPART Council for Advancement of Peoples' Action and Rural Technology

CCA Cultural Command Area

Chak Land covered by an outlet of one cuses

Cuses Cubic feet per second

CWR Center for Water Resources

Dalpati Group Leader of group tubewell members

DLC Distributary Level Committee

DRDA District Rural Development Agency

FO Farmers Organisation

FODP Farmers Organisation Development Programme

FPIM Farmers Participation in Irrigation Management

GCA Gross Command Area

GWRDC Gujrat Water Resources Development Corporation

Ha/Hect Hectare

HALWD Hill Area Land and Water Development

HRD Human Resource Development

ICA Irrigation Command Area

ICO Irrigation Community Organiser

ID Irrigation Department

JMS Joint Management Survey

IIMI International Irrigation Management Institute

IMTI Irrigation Management Training Institute

IRMED Institute for Resource Management and Economic Development

ISPAN Irrigation Support Project for Asia and the Near East

Kudimaramath Indigenous system of voluntary labour in Tamilnadu

KVS Krishak Vikas Sangh

LI Lift Irrigation

M.cft. Million Cubic Feet

M.cum Million Cubic Metre

MOU Memorandum of Understanding

NGO Non Governmental Organisation

O & M Operation and Maintenance

OFD On Farm Department

Panchayat Village level body for administration and development

PIM Participatory Irrigation Management

PRI Panchayati Raj Institutions

RWS Rotational Water Supply

SWDF Sdguru Water Development Foundation

TCM Thousand Cubic Metre

TN Tamilnadu

TW Tubewell

USAID U.S. Agency for International Development

VASFA Vaishali Area Small Farmers Association

VLC Village Level Committee

WALMI Water and Land Management Institute

Warabandi System of water rotation on an watercourse

WRD Water Resources Department

WUA Water Users Association

STUDY TEAM

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SECTION 1

INTRODUCTO RY