Social Science Perspectives on Managing Agricultural Technology

Edited by David Groenfeldt and Joyce Lewinger Moock
TABLE OF CONTENTS

List of Acronyms v

Foreword vii

Rockefeller Foundation Social Science Fellowship Program in Agriculture ix

Joyce Lewinger Moock

Management of Agricultural Technology: The View from IIM xi

Roberto Lenton

Developing Agricultural Technology in Pakistan xiii

Amir Muhammed

Part I: Interpretative Summary 1

New Perspectives on Managing Agricultural Technology: An Overview of the Workshop’s Themes 3

David Groenfeldt

Part II: Setting a Research Agenda 11

On the Design of Commodity Research Programs in the International Centers 13

John K. Lynam

Part III: Developing Agricultural Technology 31

Social Science and the Management and Selection of Agricultural Technology in Rwanda 33

Angelique Haugerud

Interdisciplinary Research on Intercropping Sugarcane and Food Crops in South Nyanza, Kenya 45

Deborah S. Rubin

Integrating Social Science Research into the Development and Testing of New Agricultural Technology: The Case of CIAT’s Great Lakes Bean Project 57

Joachim Voss

A Social Science Perspective on Evaluating and Designing Component Research A Case Study of Nitrogen Fertilizer and Postrainy Season Sorghum in India 69

Karen Ann Dvořák
Choosing Priorities for Agroforestry Research

Sara J. Scherr

Adding Community-Level Variables to FSR: A Research Priority

B. E. Grandin

Part IV: Adopting New Agricultural Technology

The Role of Household and Market-Level Economic Research in Improving the Design and Management of Technology

Thomas Reardon


Christina H. Gladwin

After the Green Revolution: Technical Change in Bean Production in Colombia, Costa Rica, and Guatemala

Douglas Pachico

Recent Trends in Small Farmer Input Use in Andean America

Scott Evan Guggenheim

Part V: Management as Agricultural Technology

When the Honeymoon is Over: Managerial Reality After Technology Generation and Acceptance

Roherr E. Rhoades

Irrigation Management and the Development Process: Two Examples from Sri Lanka

David Groenfeldt

Social Science Monitoring as a Management Tool for Directing the Benefits of New Agricultural Technology to the Poor

Steven Romanoff

Information Management in Agroforestry Research and Development: For Whom and by Whom?

J. B. Raintree

List of Participants