



# Social dimensions of integrated production and pest management

A case study in Mali

## Table of contents

<b>1. INTRODUCTION.....</b>	<b>1</b>
1.1. Why study the social impact of IPM? .....	1
1.2. Enhancing farmers' knowledge through IPM: a brief introduction .....	1
1.3. The setting: IPM and the Office du Niger irrigation system in Mali.....	3
Some characteristics of the case .....	3
The relevance of the Office du Niger as a case study.....	4
1.4. Set-up and methodology of the study .....	5
<b>2. CONCEPTUAL FRAMEWORK.....</b>	<b>7</b>
2.1. The first dimension: knowledge.....	8
2.2. The second dimension: collective action .....	8
2.3. The third dimension: locus of decision-making.....	9
<b>3. STUDY OF THE IPM PROGRAMME IN THE OFFICE DU NIGER IN MALI.....</b>	<b>11</b>
3.1. The institutional setting .....	11
3.2. The knowledge dimension .....	15
Awareness of sources of information.....	16
Skills and awareness of ways to communicate with bureaucracies .....	16
Reflections on the comparative method.....	17
Reflection on extension habits .....	18
Confidence .....	20
3.3. The collective action dimension .....	20
Collective action and diversity before the IPM pilot project .....	21
3.4. The decision-making dimension .....	27
The changes in decisions taken by farmers themselves .....	28
Changes in the behaviour of farmers towards others .....	29
Changes in the behaviour of other actors towards farmers .....	30
<b>4. CONCLUSIONS .....</b>	<b>32</b>
4.1. Conclusions on technical impacts .....	32
4.2. Knowledge development and attitude changes.....	33
4.3. Collective Action .....	34
4.4. Locus of Decision-Making .....	35