CONTENTS

Acknowledgements i
List of Tables ii - iii
List of Figures iv
Abbreviations v

Chapter 1: Introduction 1 - 27
1.1: Introduction
1.2: Review of Literature
1.3: Rationale
1.4: Objectives
1.5: Data sources
1.6: Period of study and Limitations
1.7: Organization of Thesis

Chapter 2: Conceptual Framework and Methodology 28 - 47
2.1: Conceptual background
2.2: Methods used in the study

Chapter 3: Review of Indian Agriculture 48 - 81
3.1: Introduction
3.2: Structural Adjustment and Indian Agriculture
3.3: Share of Agriculture in Gross Domestic Product
3.4: Growth Performance of Agriculture
3.5: Crop Specific Growth
3.6: Capital Formation
3.7: Irrigation
3.8: Fertilizer Consumption
3.9: Agricultural Credit
3.10: Diversification, Changing Cropping Pattern and Sources of Growth in Agriculture

Chapter 4: Issues in Indian Agriculture 82 - 114
4.1: Issues and Challenges
4.2: Population and Employment Burden on Agriculture
4.3: Declining size of holdings
4.4: Farmer Indebtedness
4.5: Farmer Suicide
4.6: Ecological Crisis in Agriculture
4.7: Depletion and Degradation of Resources
4.8: Issues in Irrigation
4.9: Vulnerability of Indian Agriculture to Climate Change

Chapter 5: Measuring Sustainability: A Malmquest Index Approach 115 - 146

5.1: Introduction
5.2: Sustainable Agriculture
5.3: Productivity and Efficiency in Indian Agriculture
5.4: Present study
5.5: Cereals
5.6: Coarse Cereals
5.7: Commercial Crops
5.8: Oilseeds
5.9: Pulses

Chapter 6: Productivity and Poverty: A District Level Analysis 147 - 172

6.1: Introduction
6.2: Poverty Trends in India
6.3: Profiling Poor
6.4: Poverty Alleviation Strategies in Five Year Plans
6.5: Pro-poor Growth / Inclusive Growth
6.6: Sustainable Agriculture and Poverty Reduction
6.7: Improved Productivity and Poverty Reduction
6.8: Empirical Study of the Relationship between Agricultural Sustainability and Poverty

Chapter 7: Summary and Conclusion 173 - 187

Bibliography 188 - 215

Appendices 216 - 228