

PLANNING AND IMPLEMENTATION OF  
AGRICULTURAL DEVELOPMENT IN INDIA  
WITH SPECIAL REFERENCE TO MAHARASHTRA

A THESIS SUBMITTED TO THE UNIVERSITY OF POONA  
FOR THE AWARD OF  
Ph.D. DEGREE IN ECONOMICS

- V. Venkatesan

## C O N T E N T S

|            |  |     |
|------------|--|-----|
| Chapter 1. | Introduction   | 1   |
| Chapter 2. | Evolution of agricultural development strategies in Indian Plans.  | 10  |
|            | Notes and References   | 67  |
|            | Annexe .. Community Development Budget   | 70  |
| Chapter 3. | Planning Process in Agriculture  | 71  |
|            | Notes and References   | 109 |
| Chapter 4. | Institutional framework for agricultural development in Maharashtra.   | 110 |
|            | Notes and References   | 160 |
|            | Annexe 1. Organisation of the Directorate of Agriculture (pre-T&V position)                                  | 162 |
|            | Annexe 2. District level set-up (pre-T&V)  | 163 |
|            | Annexe 3. District level set-up (post T&V)   | 164 |
|            | Annexe 4. Components of a drought prone area programme and the departments and agencies involved.            | 165 |
| Chapter 5. | The functioning of agricultural development administration in Maharashtra.                                   | 166 |
|            | Notes and References   | 181 |
|            | Annexe 1. Format of the Village Production Plan  | 182 |
|            | Annexe 2. Agenda of a typical meeting of the Block Coordination Committee                                    | 183 |
|            | Annexe 3. A report placed by the BDO, Akot Panchayat Samiti before Block Coordination Committee.             | 184 |
|            | Annexe 4. Work done by four selected BDOs during the year 1979-80.   | 185 |
|            | Annexe 5. Details of work done during 1979-80 by a typical Agricultural Officer, Panchayat Samiti.           | 186 |
|            | Annexe 6. Annual calendar of activities connected with agricultural development of a typical Zilla Parishad. | 195 |

|             |  |     |
|-------------|--|-----|
| Annexe 7.   | List of schemes implemented by a typical Zilla Parishad.                                     | 201 |
| Annexe 8.   | Issues raised in the Divisional level Kharif/Rabi Campaign Meetings from 1975-76 to 1980-81. | 202 |
| Annexe 9.   | Work done by selected Superintending Agricultural Officers from July 1980 to April 1981      | 225 |
| Chapter 6.  | Management of seed production  | 226 |
|             | Notes and References   | 268 |
| Annexe 1.   | Diagram showing the institutions involved in seed production and the communication pattern.  | 269 |
| Annexe 2.   | Components of the National Seeds Project   | 271 |
| Chapter 7.  | Problems of irrigation development and management.   | 272 |
|             | Notes and References   | 329 |
| Annexe ..   | Diagram illustrating the terms used in para 1.3  | 330 |
| Chapter 8.  | Financial and organisational aspects of command area development.                            | 331 |
|             | Notes and References   | 365 |
| Annexe 1.   | Command Area Development organisation in Maharashtra.  | 366 |
| Annexe 2.   | Organisation of Irrigation Division (Operation and Management)                               | 367 |
| Chapter 9.  | Employment Guarantee Scheme  | 368 |
|             | Notes and References   | 424 |
| Annexe 1.   | Diagram showing the application of Plan resources to EGS.                                    | 425 |
| Annexe 2.   | A typical operational plan for EGS   | 426 |
| Chapter 10. | Conclusion.  | 427 |

### Acknowledgements

The research work leading to this thesis was done under the guidance of Prof. V.M. Dandekar, at the Gokhale Institute of Politics and Economics, Pune. I gratefully acknowledge his painstaking efforts to improve the quality of my research and the drafting of the thesis.

I would like to place on record my thanks to the Government of Maharashtra for permitting me to refer to the monthly diaries of some officials in this thesis. I would also like to acknowledge the fact that many officials of the Government of Maharashtra of various ranks, have helped me in my research work by discussing their problems with me, freely and frankly.

- V.Venkatesan.

## ABBREVIATIONS

|          |  |
|----------|--|
| AEO      | : Agricultural Extension Officer                     |
| A.P.     | : Andhra Pradesh                                     |
| APC      | : Agricultural Prices Commission                     |
| APMC     | : Agricultural Produce Market Committee              |
| ARC      | : Administrative Reforms Commission                  |
| ARDC     | : Agricultural Refinance and Development Corporation |
| ASC      | : Agro Service Centres                               |
| A.U.     | : Agricultural Universities                          |
| BDO      | : Block Development Officer                          |
| BLIS Act | : Bombay Land Improvement Schemes Act, 1942          |
| CAD      | : Command Area Development                           |
| CADA     | : Command Area Development Authorities               |
| CCA      | : Culturable Command Area                            |
| C.D      | : Community Development                              |
| CEO      | : Chief Executive Officer                            |
| CSC      | : Central Seed Committee                             |
| CVRC     | : Central Varietal Release Committee                 |
| CWC      | : Central Water Commission                           |
| DoA      | : Directorate of Agriculture                         |
| DPAP     | : Drought Prone Areas Programme                      |
| DPDC     | : District Planning and Development Council          |
| EGS      | : Employment Guarantee Scheme                        |
| FAO      | : Food and Agriculture Organization                  |
| FSS      | : Farmers' Service Societies                         |
| GSDA     | : Groundwater Survey and Development Agency          |
| HYV      | : High Yielding Varieties                            |

ABBREVIATIONS (contd...)

|         |  |
|---------|--|
| IAAP    | : Intensive Agricultural Area Programme                    |
| IADP    | : Intensive Agricultural District Programme                |
| ICAR    | : Indian Council of Agricultural Research                  |
| IDCOM   | : Irrigation Development Corporation of Maharashtra.       |
| LDA     | : Land Development Agency                                  |
| LDB     | : Land Development Banks                                   |
| L.I     | : Lift Irrigation  |
| MAIDC   | : Maharashtra Agro-Industries Development Corporation Ltd. |
| MARKFED | : Maharashtra State Co-operative Marketing Federation Ltd. |
| MLA     | : Member of Legislative Assembly                           |
| MLDC    | : Maharashtra Land Development Corporation                 |
| MP      | : Member of Parliament                                     |
| MSEB    | : Maharashtra State Electricity Board                      |
| MSFC    | : Maharashtra State Farming Corporation                    |
| MSSC    | : Maharashtra State Seeds Corporation Ltd.                 |
| NCA     | : National Commission on Agriculture                       |
| NDC     | : National Development Council                             |
| NES     | : National Extension Service                               |
| NSC     | : National Seeds Corporation Ltd.                          |
| NSP     | : National Seeds Project                                   |
| o.f.d.  | : On-farm-development                                      |
| PAC     | : Public Accounts Committee                                |
| PACS    | : Primary Agricultural Credit Societies                    |
| PAO     | : Principal Agricultural Officer                           |
| RBI     | : Reserve Bank of India                                    |
| REC     | : Rural Electrification Corporation                        |

ABBREVIATIONS (contd....)

|      |                                       |
|------|---------------------------------------|
| RWS  | : Rotational Water Supply             |
| SAO  | : Superintending Agricultural Officer |
| SDAO | : Sub-Divisional Agricultural Officer |
| SFDA | : Small Farmers' Development Agency   |
| SMS  | : Subject-Matter Specialists          |
| SSC  | : State Seeds Corporations            |
| SVRC | : State Varietal Release Committee    |
| TSP  | : Tribal Sub Plan                     |
| T&V  | : Training and Visit                  |
| VEW  | : Village Extension Worker            |
| VLW  | : Village Level Worker or Gramsevak   |
| ZP   | : Zilla Parishad                      |