Economics of Organic Farming
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Economics of Organic Farming
A Study in Andhra Pradesh

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The book is dedicated to
Lord Lakshmi Nrusimha,
Antarvedi
Foreword

It gives great pleasure to write the foreword to “Economics of Organic Farming: A Study in Andhra Pradesh”. This comprehensive book was originally written as a Thesis that was submitted by Dr. P. Sri Krishna Sudheer for the award of the Degree of Doctor of Philosophy in Economics to Andhra University, Visakhapatnam, India.

While the book focuses on the economic issues that surround organic farming in Andhra Pradesh, it is set in the context of both international and Indian data.

India has 547,591 certified organic farmers and PGS organic farmers, the highest number for any country in the world. It is rapidly emerging as one of the largest and fastest growing organic sectors in the world. This includes all facets of the sector especially in terms of increases in the volumes of production and the diversity of crops, increases in the number of producers and the rapidly growing domestic consumer market to drive this growth. This trend is consistent with much of Asia and is being driven by the steady rise of the emerging middle classes who are concerned about food safety, particularly pesticides.

The comprehensive data combined with the original and high quality research that is documented in this book ensures that it will be an invaluable resource document for the organic and sustainable farming sectors in India and globally.

Yours Faithfully,

Andre Leu
President, IFOAM
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<td>Abbreviation</td>
<td>Full Form</td>
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<tr>
<td>Ac.</td>
<td>Acre</td>
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<tr>
<td>AE</td>
<td>Allocative Efficiency</td>
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<tr>
<td>AP</td>
<td>Andhra Pradesh</td>
</tr>
<tr>
<td>APEDA</td>
<td>The Agricultural and Processed Food Products Export Development Authority</td>
</tr>
<tr>
<td>Bt.</td>
<td>Bacillus Thurungensis</td>
</tr>
<tr>
<td>CEPA</td>
<td>Centre for Economic Efficiency and Productive Analysis</td>
</tr>
<tr>
<td>CMA</td>
<td>Centre for Management in Agriculture</td>
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<tr>
<td>CRS</td>
<td>Constant Returns to Scale</td>
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<tr>
<td>DEAP</td>
<td>Data Envelopment Analysis (Computer) Programme</td>
</tr>
<tr>
<td>DES</td>
<td>Directorate of Economics and Statistics</td>
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<tr>
<td>DRS</td>
<td>Decreasing Returns to Scale</td>
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<tr>
<td>EE</td>
<td>Economic Efficiency</td>
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<tr>
<td>FYM</td>
<td>Farm Yard Manure</td>
</tr>
<tr>
<td>FiBL</td>
<td>Research Institute of Organic Agriculture</td>
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<tr>
<td>GDP</td>
<td>Gross Domestic Product</td>
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<tr>
<td>GMC</td>
<td>Genetically Modified Crops</td>
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<td>Govt.</td>
<td>Government</td>
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<td>Ha.</td>
<td>Hectare</td>
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<td>HYV</td>
<td>High Yield Variety Programme</td>
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<td>IFAOM</td>
<td>International Federation of Organic Agriculture Movement</td>
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</table>
IIM - Indian Institute of Management
IRS - Increasing Returns to Scale
Mm - Mille Meters
MT - Metric Tonnes
NABARD - National Bank for Agriculture and Rural Development
NPOF - National Project on Organic Farming
NPOP - National Programme for Organic Production
SE - Scale Efficiency
SFPF - Stochastic Frontier Production Function
TCA - Total Cropped Area
TE - Technical Efficiency
TGA - Total Geographical Area
UNDP - United Nations Development Programme
VRS - Variable Returns to Scale
COAG - The FAO Committee on Agriculture
NT - Not Tillage
ORG - Organic Diversified
NSJV - Northern San Joaquin Valley
PCM - Pest Control Management
IPM - Integrated Pest Management
US - United States
EU - European Union
IARI - Indian Agriculture Research Institute