

An Introduction To Agriculture And Agronomy

Agriculture, one of the oldest human occupations, is practised all over the world, using techniques ranging from the profoundly traditional to the most scientifically advanced. Without it we would starve. Yet how many of us understand what is happening in the fields that we see as we drive through the countryside? How often do we think about the origins of the food in our trolley? In this Very Short Introduction Paul Brassley and Richard Soffe explain what farmers do and why they do it. Beginning with the most basic resource, the soil, they show why it is important, and how farmers can increase its productivity, before turning to the plants and animals that grow on it, and tracing the connections between their biology and the various ways in which farmers work with them. The authors conclude by looking at some of the controversial issues facing contemporary agriculture: its sustainability; its impact on wildlife and landscape; issues of animal welfare; and the affect of climate change and the development of genetically modified organisms on farmers. ABOUT THE SERIES: The Very Short Introductions series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject quickly. Our expert authors combine facts, analysis, perspective, new ideas, and enthusiasm to make interesting and challenging topics highly readable.

A textbook introducing the basic aspects of agriculture and food production and including a chapter on agricultural careers.

Civilization from its origins has depended on the food, fibre, and other commodities produced by farmers. In this unique exploration of the world history of agriculture, Mark B. Tauger looks at farmers, farming, and their relationships to non-farmers from the classical societies of the Mediterranean and China through to the twenty-first century.? Viewing farmers as the most important human interface between civilization and the natural world, Agriculture in World History examines the ways that urban societies have both exploited and supported farmers, and together have endured the environmental changes and crises that threatened food production.? Accessibly written and following a chronological structure, Agriculture in World History illuminates these topics through studies of farmers in numerous countries all over the world from Antiquity to the contemporary period. Key themes addressed include the impact of global warming, the role of political and social transformations, and the development of agricultural technology. In particular, the book highlights the complexities of recent decades: increased food production, declining numbers of farmers, and environmental, economic, and political challenges to increasing food production against the demands of a growing population. This wide-ranging survey will be an indispensable text for students of world history, and for anyone interested in the historical development of the present agricultural and food crises.?

Animal Agriculture: Sustainability, Challenges and Innovations discusses the land-based production of high-quality protein by livestock and poultry and how it plays an important role in improving human nutrition, growth and health. With exponential growth of the global population and marked rises in meat consumption per capita, demands for animal-source protein are expected to increase 72% between 2013 and 2050. This raises concerns about the sustainability and environmental impacts of animal agriculture. An attractive solution to meeting increasing needs for animal products and

mitigating undesirable effects of agricultural practices is to enhance the efficiency of animal growth, reproduction, and lactation. Currently, there is no resource that offers specific knowledge of both animal science and technology, including biotechnology for the sustainability of animal agriculture for the expanding global demand of food in the face of diminishing resources. This book fills that gap, giving readers all the necessary information on important issues facing modern animal agriculture, namely its sustainability, challenges and innovative solutions. Integrates new knowledge in animal breeding, biotechnology, nutrition, reproduction and management Addresses the urgent issue of sustainability in modern animal agriculture Provides practical solutions on how to solve the current and future problems that face animal agriculture worldwide Forages, Volume I, Seventh Edition is the most comprehensive text available for teachers of undergraduate Forages courses. This edition will provide students with a good balance of scientific principles, to aid in integrating the concepts they learn, and practical information on forage identification, plant characteristics, management, and utilization that can be used by forage management practitioners. Grassland ecosystems are extremely complex, including the plant/animal interface as well as the soil/climate/forage interface and the text must support understanding and integration of all of these considerations. The coverage of the science behind the plant characteristics and responses make the book applicable in many parts of the world, while other region-specific management information relates mainly to North America. This edition has been updated to address emerging areas of study, including the use of forage plants as bioenergy crops. The editors also address the renewed national interest in environmental issues such as water quality, global climate change and eutrophication in the Gulf. This edition also addresses the role of forages for wildlife habitat and food sources, another area of increased interest in recent years. These revisions respond to the generational change taking place among forage scientists and teachers in recent years.

The third edition of this book exposes the reader to a wide array of engineering principles and their application to agriculture. It presents an array of more or less independent topics to facilitate daily assessments or quizzes, and aims to enhance the students' problem solving ability. Each chapter contains objectives, worked examples and sample problems are included at the end of each chapter. This book was first published in the late 60's by AVI. It remains relevant for post secondary classes in Agricultural Engineering Technology and Agricultural Mechanics, and secondary agriculture teachers.

The New Horse-Powered Farm is the first book of its kind, offering wisdom and techniques for using horse power on the small farm or homestead. It sets the stage for incorporating draft power on the farm by presenting necessary information for experienced and novice teamsters alike, including getting started with workhorses; the merits of different draft breeds; various training systems for the horse and teamster; haying with horses, seeding crops, and raising small grains; in-depth coverage of tools and systems; and managing a woodlot, farm economics, education, agritourism, and more. It's a must-have resource for any farmer, homesteader, or teamster seeking to work with draft power in a closed-loop farming system.

"Employing nearly one half of the world's workforce, agriculture is clearly of great economic and social importance. An incredible variety of methods is used globally; the

Western world has the latest scientific and industrial advancements at its disposal, yet in some parts of the Third World a living is made using tools that have hardly changed in two thousand years." "David Grigg provides a comprehensive introduction to agriculture in both the First and Third Worlds, describing both human and environmental issues. Covering the physical environment, economic behaviour and demands, institutional, social and cultural influences, and the impact of farming upon the environment, the book explores the wide range of factors which influence how agriculture and agricultural practice differ from place to place." "For this new edition, the text, statistics, artwork and bibliography have been entirely updated and revised. In addition, two new chapters have been incorporated, on modernization and on the environment."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

Interest is growing in sustainable agriculture, which involves the use of productive and profitable farming practices that take advantage of natural biological processes to conserve resources, reduce inputs, protect the environment, and enhance public health. Continuing research is helping to demonstrate the ways that many factors--economics, biology, policy, and tradition--interact in sustainable agriculture systems. This book contains the proceedings of a workshop on the findings of a broad range of research projects funded by the U.S. Department of Agriculture. The areas of study, such as integrated pest management, alternative cropping and tillage systems, and comparisons with more conventional approaches, are essential to developing and adopting profitable and sustainable farming systems.

This introductory textbook provides an overview of the concepts necessary for an understanding of agricultural and agribusiness law. The text will help students of land-based industries with little or no legal background to appreciate and identify issues which may require referral or consultation with legal counsel. Each concise chapter addresses a different legal issue that those employed in agriculture and agribusiness may face, and both federal law and representative examples of state law are included. In addition to traditional topics such as contracts, property law and estate planning, the book also covers more contemporary issues such as organic certification, animal law, genetically engineered crops and food safety. Agricultural law extends beyond those directly engaged in farming to those in agribusiness who provide services and inputs to farmers, buy farmers' products, store or transport products, manufacture food products, and serve as intermediaries between farmers and consumers. The book will therefore also serve as a reference and a guide for those employed in agribusiness as well as agriculture.

This textbook takes a truly international approach towards agricultural economics, uniting many different perspectives on the subject and providing insight into agriculture in general, and into how practical farming works in particular. The book is laced throughout with real world examples and other pedagogical features. Topics covered are wide-ranging and include: world food production and population the food chain and food safety non-foods derived from farming land and soil issues arable and animal production and management at farm level. The World of Agricultural Economics: an introduction is primarily an introductory textbook for students in agricultural economics, agronomy and adjacent fields. However, its accessible approach means that it is also suitable for readers without any previous knowledge in the field, who are seeking an

introduction to agriculture.

The second edition of this introductory text, for students of agriculture, has been thoroughly updated. The addition of a chapter on government policy and agriculture acquaints students with the aspects of the policy process which has made such an impact in this area. The balanced text describes universal economic principles illustrated primarily by examples drawn from farming and the food industry. At the end of each chapter is an exercise making use of the preceding material, and completion of these exercises forms an integral part of the teaching function of this text. Extended answers to the questions posed in the exercises, a list of essay questions, and suggested further reading are given at the end of the book.

The main features of this book are: *Sixteen chapters written by twenty of Nigeria's top agriculturalists give a comprehensive coverage of all aspects of agricultural science and management *Extensively illustrated *Each chapter contains a glossary and a guide to further reading *Practical exercises and revision questions included

Schusky offers a historical overview of the two major periods of agriculture--the Neolithic Revolution, which occurred when humans initially domesticated plants and animals, and the Neoclaric Revolution, which began with the introduction of fossil fuel into agriculture in the 20th century. He dramatizes the extensive changes that are occurring in modern agriculture due to the extensified use of fossil energy. The book details how the overdependence on fossil energy, with its looming exhaustion, is a major cause of pessimism about food production. The book also addresses the possible solutions to this scenario--conservation steps, an increase in the mix of solar energy, and an emphasis on human labor.

For courses in Introduction to Agricultural or Applied Economics Introduction to Agricultural Economics, Sixth Edition, provides students with a systematic introduction to the basic economic concepts and issues impacting the U.S. food and fiber industry and offers strong coverage of macroeconomic theory and international trade. The Teaching and Learning Package includes an Instructor's Manual and PowerPoint slides. Teaching and Learning Experience: Strong coverage of macroeconomics, the role of government, and international agricultural trade: The coverage of macroeconomics and agricultural programs and policies allows students to further understand the domestic market economy. Building block approach: Discusses individual consumer and producer decision-making, market equilibrium and economic welfare conditions, government intervention in agriculture, macroeconomic policy, and international trade. Extensive chapter review: Each chapter contains an extensive list of questions designed to test student comprehension of the material covered.

The perception of Ethiopia projected in the media is often one of chronic poverty and hunger, but this bleak assessment does not accurately reflect most of the country today. Ethiopia encompasses a wide variety of agroecologies and peoples. Its agriculture sector, economy, and food security status are equally complex. In fact, since 2001 the per capita income in certain rural areas has risen by more than 50 percent, and crop yields and availability have also increased. Higher investments in roads and mobile phone technology have led to improved infrastructure and thereby greater access to markets, commodities, services, and information. In *Food and Agriculture in Ethiopia: Progress and Policy Challenges*, Paul Dorosh and Shahidur Rashid, along with other experts, tell the story of Ethiopia's political, economic, and agricultural transformation. The book is designed to provide empirical evidence to shed light on the complexities of agricultural and food policy in today's Ethiopia, highlight major policies and interventions of the past decade, and provide insights into building resilience to natural disasters and food crises. It examines the key issues, constraints, and opportunities

that are likely to shape a food-secure future in Ethiopia, focusing on land quality, crop production, adoption of high-quality seed and fertilizer, and household income. Students, researchers, policy analysts, and decisionmakers will find this book a useful overview of Ethiopia's political, economic, and agricultural transformation as well as a resource for major food policy issues in Ethiopia. Contributors: Dawit Alemu, Guush Berhane, Jordan Chamberlin, Sarah Coll-Black, Paul Dorosh, Berhanu Gebremedhin, Sinafikeh Asrat Gemessa, Daniel O. Gilligan, John Graham, Kibrom Tafere Hirrfot, John Hoddinott, Adam Kennedy, Neha Kumar, Mehrab Malek, Linden McBride, Dawit Kelemework Mekonnen, Asfaw Negassa, Shahidur Rashid, Emily Schmidt, David Spielman, Alemayehu Seyoum Taffesse, Seneshaw Tamiru, James Thurlow, William Wiseman.

This text offers an integrated, innovative, and comprehensive introduction to agriculture for Australian students. The science and economics of agriculture - production, profit and sustainability - are integrated. The scientific basis, 'on farm', and 'beyond farm' aspects of agriculture in Australia are all covered. The whole-farm or farm-management approach is used throughout. Following an introduction to the subject and to the book, the location of agricultural production in Australia is described and explained. Part Two, comprising five chapters, describes fundamental processes in agriculture. 'Processes in Plant Production' explains how plants live and grow, and the roles of major field crops and pastures. 'Processes in Animal Production' explains how farm animals live and grow, and how the principal animal products are produced. 'Economic Principles of Production' explains the economic concepts which are necessary to understand profitable production processes. In 'Agribusiness Management', the focus is on integrating the technical, economic and human components of a farm business into whole-farm analysis, and applying a whole-farm approach to making decisions about profitable use of farm resources. 'Agribusiness Marketing' brings markets and marketing into the story. Part Three, 'Sustaining Agriculture', in two chapters, tells how sustaining agricultural resources and increasing agricultural productivity are compatible and complementary objectives. 'Sustaining Resources' explains how to prevent degradation of resources and maintain productivity. 'Improving Agriculture' describes how to sustain agriculture by improving productivity and profitability. Agriculture in Australia: An Introduction is well-organised and clearly written. Pedagogical aids will facilitate learning. Students will find it an indispensable text.

This book is for use in introductory courses in colleges of agriculture and in other applications requiring a problematical approach to agriculture. It is intended as a replacement for An Introduction to Agricultural Engineering by Roth, Crow, and Mahoney. Parts of the previous book have been revised and included, but some sections have been removed and new ones added. Problem solving has been expanded to include a chapter on techniques, and suggestions are incorporated throughout the example problems. The topics and treatment were selected for three reasons: (1) to acquaint students with a wide range of applications of engineering principles to agriculture. (2) to present a selection of independent but related topics. and (3) to develop and enhance the problem solving ability of the students. Each chapter contains educational objectives, introductory material, example problems (where appropriate), and sample problems, with answers, that can be used for self-assessment. Most chapters are self-contained and can be used independently of the others. Those that are sequential are organized in a logical order to ensure that the knowledge and skills needed are presented in a previous chapter. As principal author I wish to express my gratitude to Dr. Lawrence O. Roth for his contributions of subject matter and guidance. I also wish to thank Professor Earl E. Baugher for his expertise as technical editor, and my wife Marsha for her help and patience. HARRY FIELD v 1 Problem Solving OBJECTIVES 1. Be able to define problem solving.

The initial focus of Ancient Greek Agriculture is firmly on the art of agriculture proper, the tools

and the technique, the plants cultivated and the animals reared. Thereafter, Isager and Skydsgaard focus on the position of agriculture in the society of gods and men in the Greek city-states. The arguments of Ancient Greek Agriculture are strengthened by the book's close adherence to contemporary Greek sources, literary as well as archaeological, avoiding the use of later as well as Roman material.

Agriculture: A Very Short Introduction Oxford University Press

With the growing popularity and availability of precision equipment, farmers and producers have access to more data than ever before. With proper implementation, precision agriculture management can improve profitability and sustainability of production. Precision Agriculture Basics is geared at students, crop consultants, farmers, extension workers, and practitioners that are interested in practical applications of site-specific agricultural management. Using a multidisciplinary approach, readers are taught to make data-driven on-farm decisions using the most current knowledge and tools in crop science, agricultural engineering, and geostatistics. Precision Agriculture Basics also features a stunning video glossary including interviews with agronomists on the job and in the field.

Ranging from biofuels to building materials, and from cosmetics to pharmaceuticals, the list of products that may be manufactured using discards from farming and fishery operations is extensive. Byproducts from Agriculture and Fisheries examines the procedures and technologies involved in this process of reconstitution, taking an environmentally aware approach as it explores the developing role of value-added byproducts in the spheres of food security, waste management, and climate control. An international group of authors contributes engaging and insightful chapters on a wide selection of animal and plant byproducts, discussing the practical business of byproduct recovery within the vital contexts of shifting socio-economic concerns and the emergence of green chemistry. This important text: Covers recent developments, current research, and emerging technologies in the fields of byproduct recovery and utilization Explores potential opportunities for future research and the prospective socioeconomic benefits of green waste management Includes detailed descriptions of procedures for the transformation of the wastes into of value-added food and non-food products With its combination of practical instruction and broader commentary, Byproducts from Agriculture and Fisheries offers essential insight and expertise to all students and professionals working in agriculture, environmental science, food science, and any other field concerned with sustainable resources.

This new edition offers a timely update to the leading textbook dedicated to all aspects of U.S. food policy. The update accounts for experience with policy changes in the 2014 Farm Bill and prospects for the next Farm Bill, the publication of the 2015–2020 Dietary Guidelines for Americans, the removal of Generally Recognized as Safe (GRAS) status for trans fats, the collapse of the Trans Pacific Partnership (TPP) treaty, stalled child nutrition reauthorization legislation, reforms in food-labeling policy, the consequences of the 2016 presidential election and many other developments. The second edition offers greater attention both to food justice issues and to economic methods, including extensive economics appendices in a new online Companion Website. As with

the first edition, real-world controversies and debates motivate the book's attention to economic principles, policy analysis, nutrition science and contemporary data sources. The book assumes that the reader's concern is not just the economic interests of farmers and food producers but also includes nutrition, sustainable agriculture, food justice, the environment and food security. The goal is to make U.S. food policy more comprehensible to those inside and outside the agri-food sector whose interests and aspirations have been ignored. The chapters cover U.S. agriculture, food production and the environment, international agricultural trade, food and beverage manufacturing, food retail and restaurants, food safety, dietary guidance, food labeling, advertising and federal food assistance programs for the poor. The author is an agricultural economist with many years of experience in the nonprofit advocacy sector, the U.S. Department of Agriculture and as a professor at Tufts University. The author's blog on U.S. food policy provides a forum for discussion and debate of the issues set out in the book.

This textbook provides students with a comprehensive introduction to organic food and farming. Janet Chrzan, Jacqueline A. Ricotta and contributors explain organic food and organic farming principles; the history of organics; how organic food is grown, distributed, and consumed; the nutritional benefits; and the social and cultural meanings attached to the concept "organic". Organic Food, Farming and Culture contains a wide range of features to reinforce understanding and learning, including: - practical case studies from organic farmers, chefs, restaurateurs, students, and "concerned" consumers - exercises, discussion questions, and further reading suggestions - illustrations of farms, food, and organic processes. An engaging introduction to organic agriculture, this book is essential reading for those interested in food studies, sustainable agriculture, food security, environmental studies, nutrition and health.

Updated and revised, this fifth edition incorporates recent developments in the environment in which agriculture operates. Issues that have gained prominence since the previous edition (2014) include climate change and agriculture's mitigating role, concern with animal welfare, the social contributions that agriculture makes, risks associated with globalization, and rising concern over sustainability. Important for UK and EU readers are the adjustments needed now that the UK is no longer a member of the European Union and the nature of the national policies developed to replace the EU's Common Agricultural Policy. Containing all the major economic principles with agriculture-specific examples, An Introduction to Economics, 5th Edition provides a rounded and up-to-date introduction to the subject. The inclusion of updated chapter-focused exercises, essay questions and suggestions for further reading make this textbook an invaluable learning tool.

The Routledge Handbook of Gender and Agriculture covers major theoretical issues as well as critical empirical shifts in gender and agriculture. Gender relations in agriculture are shifting in most regions of the world with changes in

the structure of agriculture, the organization of production, international restructuring of value chains, climate change, the global pandemic, and national and multinational policy changes. This book provides a cutting-edge assessment of the field of gender and agriculture, with contributions from both leading scholars and up-and-coming academics as well as policymakers and practitioners. The handbook is organized into four parts: part 1, institutions, markets, and policies; part 2, land, labor, and agrarian transformations; part 3, knowledge, methods, and access to information; and part 4, farming people and identities. The last chapter is an epilogue from many of the contributors focusing on gender, agriculture, and shifting food systems during the coronavirus pandemic. The chapters address both historical subjects as well as ground-breaking work on gender and agriculture, which will help to chart the future of the field. The handbook has an international focus with contributions examining issues at both the global and local levels with contributors from across the world. With contributions from leading academics, policymakers, and practitioners, and with a global outlook, the Routledge Handbook of Gender and Agriculture is an essential reference volume for scholars, students, and practitioners interested in gender and agriculture.

This introductory textbook provides an overview of the concepts necessary for an understanding of agricultural and agribusiness law. The text will help students of land-based industries with little or no legal background to appreciate and identify issues that may require referral or consultation with legal counsel. This new edition is fully revised and updated, particularly addressing developments in taxation and trade, and includes a new chapter on criminal law, an area of increasing relevance to agriculture. Each concise chapter addresses a different legal issue that those employed in agriculture and agribusiness may face, and both federal law and representative examples of state law are included. In addition to traditional topics such as contracts, property law, and estate planning, the book also covers more contemporary issues such as organic certification, animal law, genetically engineered crops, and food safety. Agricultural law extends beyond those directly engaged in farming to those in agribusiness who provide services and inputs to farmers, buy farmers' products, store or transport products, manufacture food products and serve as intermediaries between farmers and consumers. The book will, therefore, also serve as a reference and a guide for those employed in agribusiness and agriculture. >Agricultural law extends beyond those directly engaged in farming to those in agribusiness who provide services and inputs to farmers, buy farmers' products, store or transport products, manufacture food products and serve as intermediaries between farmers and consumers. The book will, therefore, also serve as a reference and a guide for those employed in agribusiness and agriculture.

"The challenges facing agriculture are plenty. Along with the world's growing population and diminishing amounts of water and arable land, the gradual increase in severe weather presents new challenges and imperatives for

producing new, more resilient crops to feed a more crowded planet in the twenty-first century. Innovation has historically helped agriculture keep pace with earth's social, population, and ecological changes. In the last 50 years, mechanical, biological, and chemical innovations have more than doubled agricultural output while barely changing input quantities. The ample investment behind these innovations was available because of a high rate of return: a 2007 paper found that the median ROI in agriculture was 45 percent between 1965 and 2005. This landscape has changed. Today many of the world's wealthier countries have scaled back their share of GDP devoted to agricultural R&D amid evidence of diminishing returns. Universities, which have historically been a major source of agricultural innovation, increasingly depend on funding from industry rather than government to fund their research. As Upton Sinclair wrote of the effects industry influences, "It is difficult to get a man to understand something when his salary depends upon his not understanding it." In this volume of the NBER Conference Report series, editor Petra Moser offers an empirical, applied-economic framework to the different elements of agricultural R&D, particularly as they relate to the shift from public to private funding. Individual chapters examine the sources of agricultural knowledge and investigate challenges for measuring the returns to the adoption of new agricultural technologies, examine knowledge spillovers from universities to agricultural innovation, and explore interactions between university engagement and scientific productivity. Additional analysis of agricultural venture capital point to it as an emerging and future source of resource in this essential domain"--

Part I: low-external-input and sustainable agriculture (leisa): an emerging option; Agriculture and sustainability; Sustainability and farmers: making decisions at the farm level; Technology development by farmers; Part II: Principles and possibilities of leisa; Low-external-input farming and agroecology; Basic ecological principles of leisa; Development of leisa systems; Part III: Linking farmers and scientists in developing leisa technologies; Actors and activities in developing leisa technologies; Participatory technology development in practice: process and methods; Appendices; Appendix A some promising leisa techniques and practices; Appendix B glossary of key terms; Appendix C useful contacts and sources of further information; References; Index.

This book is for use in introductory courses in colleges of agriculture and in other applications requiring a problematic approach to agriculture. It is intended as a replacement for an Introduction to Agricultural Engineering by Roth, Crow, and Mahoney. Parts of the previous book have been revised and included, but some sections have been removed and new ones has been expanded to include a chapter added. Problem solving on techniques, and suggestions are incorporated throughout the example problems. The topics and treatment were selected for three reasons: (1) to acquaint students with a wide range of applications of engineering principles to agriculture, (2) to present a selection of independent but related, topics, and (3) to develop and enhance the problem solving ability of the students. Each chapter contains educational objectives, introductory material, example problems (where appropriate), and sample problems, with answers, that can be used for self-assessment. Most chapters are self-contained and can be used independently of the others. Those that are sequential are organized in a logical order to ensure that the knowledge and skills needed are presented in a previous chapter. As principal author I wish to express my gratitude to Dr.

Lawrence O. Roth for his contributions of subject matter and guidance. I also wish to thank Professor Earl E. Baugher for his expertise as technical editor, and my wife Marsha for her help and patience. HARRY FIELD v 1 Problem Solving OBJECTIVES 1. Be able to define problem solving.

World Agriculture and the Environment presents a unique assessment of agricultural commodity production and the environmental problems it causes, along with prescriptions for increasing efficiency and reducing damage to natural systems. Drawing on his extensive travel and research in agricultural regions around the world, and employing statistics from a range of authoritative sources including the United Nations Food and Agriculture Organization, the author examines twenty of the world's major crops, including beef, coffee, corn, rice, rubber, shrimp, sorghum, tea, and tobacco. For each crop, he offers comparative information including:

- a "fast facts" overview section that summarizes key data for the crop
- main producing and consuming countries
- main types of production
- market trend information and market chain analyses
- major environmental impacts
- management strategies and best practices
- key contacts and references

With maps of major commodity production areas worldwide, the book represents the first truly global portrait of agricultural production patterns and environmental impacts.

Unlike some other reproductions of classic texts (1) We have not used OCR(Optical Character Recognition), as this leads to bad quality books with introduced typos. (2) In books where there are images such as portraits, maps, sketches etc We have endeavoured to keep the quality of these images, so they represent accurately the original artefact. Although occasionally there may be certain imperfections with these old texts, we feel they deserve to be made available for future generations to enjoy.

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