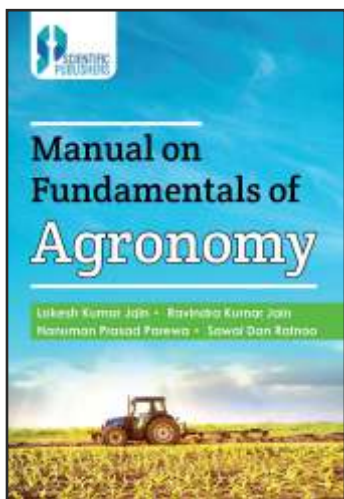


Comprehensive Laboratory Manual of Life Sciences

— Jyoti Saxena | Mamta Baunthiyal | Indu Ravi

The present book Comprehensive Laboratory Manual of Life Science, deals with practical trends in modern biological sciences. It furnishes protocols on recent advances in biotechnological methods and aims to cover three most important aspects of this interdisciplinary stream; such as Microbiology, Biochemistry and Molecular biology. The book contains four sections: 1. Introduction: emphasizes on good laboratory practices and etiquettes for beginners; the do's and don'ts of working in a laboratory, concepts and terminology, etc. 2. Instruments: Principle and Precautions: explores commonly used equipments employed in different experiments. 3. Experiments: is further divided into three parts: Microbiology with more than 70 experiments, Biochemistry with 62 and Molecular Biology having around 32 detailed protocols, accorded to make the readers proficient in the paramount disciplines of Bio Sciences and Biotechnology. 4. Appendix: at the end, a rather comprehensive section that concludes the book. This book is designed to meet the practical requirements of undergraduate and post graduate students of Life Science, Biotechnology, Microbiology, Biochemistry and Biochemical Engineering by providing worked out solution to the most commonly practiced experiments prescribed by majority of Indian Universities. The latest technological developments in the book will be appealing to the researchers and scientists.

ISBN: 9789386652300 | 2020 | 458 Pages | Price ₹ : 3250.00

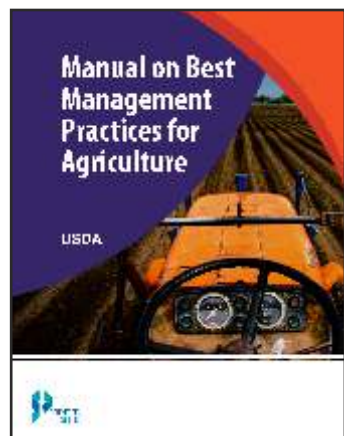


Manual on Fundamentals of Agronomy

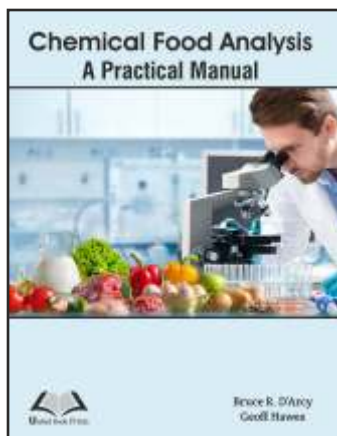
— L.K. Jain | Ravindra K. Jain | H.P. Parewa | S.D. Ratnool

This book is intended as a text for undergraduate students of Agriculture. It is useful to research scholars and other professionals in the field of agriculture development and management especially under teaching stream. Introductory Agronomy involves several basic subjects like agronomy, soil and water, farm machinery, entomology, engineering, soil science and plant breeding and genetics etc. For an integrated development and management of agriculture knowledge of all these subjects are necessary for undergraduate students. A sincere attempt is made to provide such prospective to the students. A fundamental knowledge of identification of crops, seeds, weeds, fertilizers and plant protection chemicals, water quality analysis and measurement will be needed in crop planning under different situations. Therefore, an attempt has been to present the topics relevant to the needs of the agronomy. Thus, book is therefore, designed to fulfill the need for students of agriculture and serves as reference tool for the

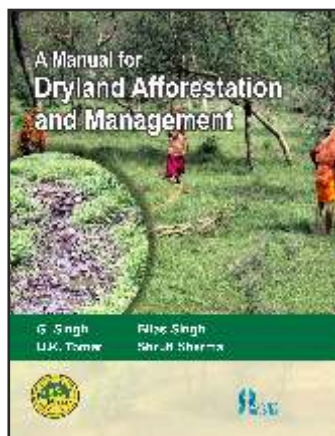
ISBN: 9789388172011 | 2020 | 246 Pages | Price ₹ : 1475.00



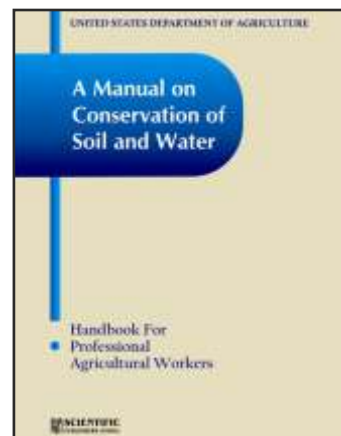
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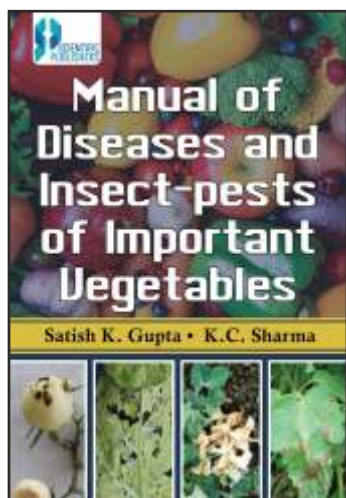
ISBN: 9789388399470
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ISBN: 9788172338220
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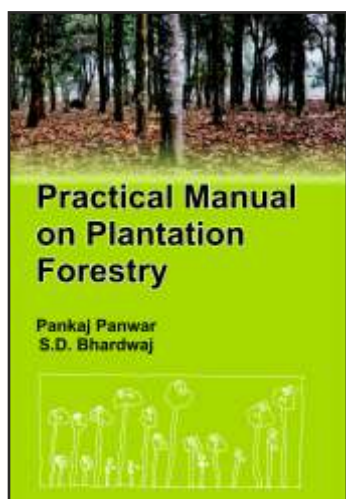


Manual of Diseases and Insect-Pests of Important Vegetables

— Satish K. Gupta | K.C. Sharma

The Manual entitled “Diseases and Insect-Pests of Important Vegetables” is specifically prepared for under-graduate and post-graduate students in Agriculture/Horticulture, teachers, extension Plant Pathologists & Entomologists and elite farmers. The Manual contains sixteen chapters dealing with important diseases and insect-pests of important vegetables. Each disease entry includes brief diagnostic symptoms, associated pathogen, predisposing factors and management while insect-pests include identification of insect-pests, their nature of damage and management. Coloured photographs of Symptoms and damage of major diseases and insect-pests are also included for easy identification. Besides this, chapters on fungicides, their formulations, pesticides registered, banned, refused registration and safe handling of pesticides have also been included which will help the students, extension workers and farmers in selection of proper pesticides to keep the diseases and pests below economic injury level.

ISBN: 9789389412284 | 2021 | 205 Pages | Price ₹ : 1500.00

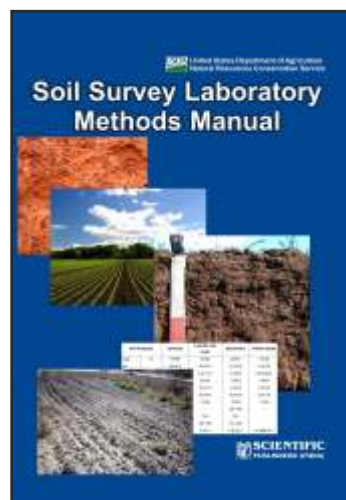


Practical Manual on Plantation Forestry

— Pankaj Panwar | S.D. Bhardwaj

The book would be of interest to those who are concerned with land use in forest and soil conservation, agriculture and forest colleges and universities. There are total eight chapters; Chapter first introduces plantation forestry as a science and spells the need and origin of large scale plantation. Second and third chapters are devoted to equipments and techniques used in plantation forestry. Rest of the chapters deals with management, planning, impact, energy relation of plantation and protection of plantation forestry.

ISBN: 9788172334291 | 2006 | 99 Pages | Price ₹ : 595.00

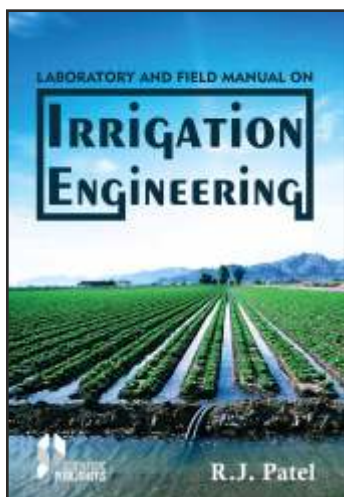


Soil Survey Laboratory Methods Manual

— USDA

The purpose of this manual is to document methodology and to serve as a reference for the laboratory analyst. The standard methods described in this SSIR No. 42, Soil Survey Laboratory Methods Manual, Version 4.0 replaces as a methods reference all earlier versions of the SSIR No. 42 (1989, 1992, and 1996, respectively) and SSIR No. 1, Procedures for Collecting Soil Samples and Methods of Analysis for Soil Survey (1972, 1982, and 1984). All SSL methods are performed with methodologies appropriate for the specific purpose. The SSL SOPs are standard methods, peer-recognized methods, SSL-developed methods, and/or specified methods in soil taxonomy (Soil Survey Staff, 1999). An earlier version of this manual (1996) also served as the primary document from which a companion manual, Soil Survey Laboratory Information Manual (SSIR No. 45, 1995), was developed. The SSIR No. 45 describes in greater detail the application of SSL data. Trade names are used in the manual solely for the purpose of providing specific information. Mention of a trade name does not constitute a guarantee of the product by USDA nor does it imply an endorsement by USDA.

ISBN: 9788172337735 | 2012 | 700 Pages | Price ₹ : 4500.00

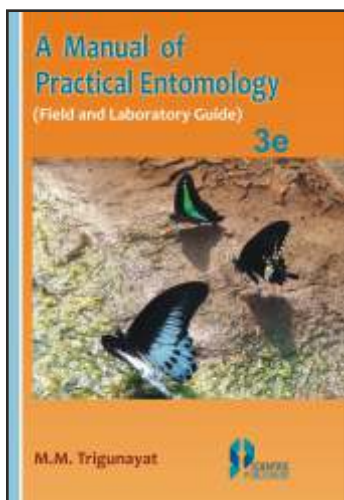


Laboratory and Field Manual on Irrigation Engineering

— R.J. Patel

The irrigation water is considered as the essential input for crop production. Over exploitation of natural water resources has caused a menace for the future human generations. The depletion of underground water table in high productivity areas and under utilization of the water resources in rain fed areas of the country, poor irrigation efficiency and high seepage losses from conveyance system, poor land development and mismanagement of the irrigation water resources has acquired alarming proportions. As the share of water for agriculture in future is going to reduce, there will be tremendous pressure to produce more per drop of water in order to meet the food and other requirements of burgeoning population of the country. The existing irrigation water resources are not utilized judiciously and their mismanagement has lead to problems like low production efficiency, salinization, water logging and degradation of land. To manage these problems and increase the production efficiency of irrigation, it is pertinent to adopt judicious methods of irrigation water use, by efficient on-farm irrigation management based on scientific approach. Therefore, a comprehensive knowledge of available soil moisture and its constants, scheduling and quality of irrigation water and proper drainage techniques is crucial. This manual on irrigation engineering is an attempt to fulfil this urgent need as it covers all major aspects of irrigation water management. Although, manual is meant primarily for the students of agricultural universities, yet it will provide valuable basic information and guide to the scientific community and field functionaries.

ISBN: 9789389184211 | 2020 | 440 Pages | Price ₹ : 1250.00

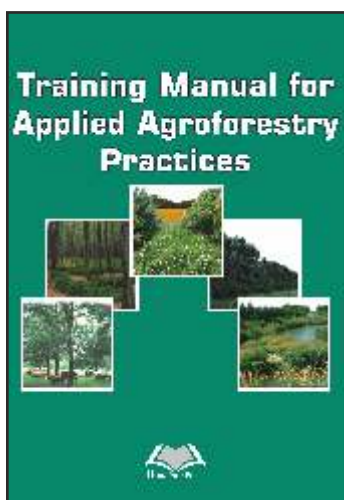


A Manual of Practical Entomology 3rd Ed

— M.M. Trigunayat

A Manual of Practical Entomology (Field and Laboratory guide) is written to provide text material on different aspects of the practical syllabi of M.Sc. Entomology. All chapters are illustrative and well explained. Easy text will help students understanding the exercises. Profusely illustrated with simple figures presentation and style gives the reader an insight to make it unique. Primarily intended for use by the post-graduate and graduate students of Entomology of the Universities in Rajasthan and elsewhere in India, it can also be used by agriculture departments, naturalists and workers in other related fields.

ISBN: 9788172339821 | 2016 | 358 Pages | Price ₹ : 1400.00



Training Manual for Applied Agroforestry Practices

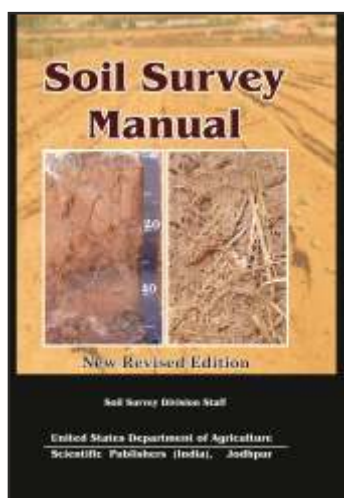
— Michael Gold

Contents:

User's Guide to the Training Manual

1. Defining Agroforestry, 2. Planning for Agroforestry. 3. Alley Cropping. 4. Silvopasture. 5. Riparian & Upstream Forest Buffers. 6. Windbreaks. 7. Forest Farming. 8. Agroforestry and Wildlife. 9. Marketing Principles. 10. Economic Considerations for Agroforestry. Appendices: Section 1: Economic Budgeting Guide Funding Incentives for Agroforestry. Tax Incentives for Agroforestry. Section 2: Trees and Shrubs. Section 3: Grasses and Forages. Section 4: The Basics of Selling Timber. Section 5: Planning for Agroforestry Workbook. Section 6: Plant Resource Guide

ISBN: 9789388399104 | 2019 | 245 Pages | Price ₹ : 1950.00

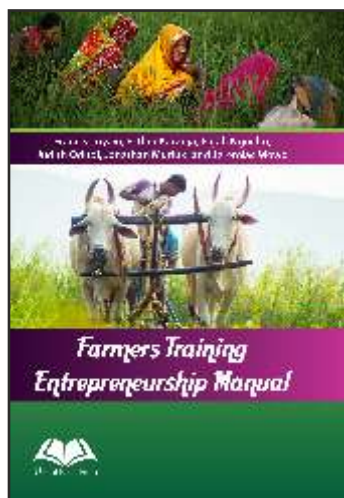


Soil Survey Manual New Revised Edition

— USDA

The Soil Survey Manual provides in a single volume the major principles and practices needed for making and using soil surveys and for assembling and using data related to them. The Manual is intended primarily for use by soil scientists engaged in the classification and mapping of soils and in the interpretation of soil surveys. Although the Manual is oriented to the needs of those actively engaged in preparing soil surveys for publication, workers and students who have limited soils experience or are less familiar with the soil survey process also will be able to use the information. The Manual is the primary reference on principles and technical details. The increased use of soils for purposes other than farming has prompted new interpretations, more collaboration with professional people of other disciplines and more adaptation of soil surveys to the concepts of other disciplines. These and other changes of two decades of work have made major revision of the Manual essential. This edition retains the practice of defining terms and concepts within the context of the explanatory text. In addition, many soil scientists in all the countries tested the definitions, concepts and techniques before they were printed in this current edition.

ISBN: 9788172336004 | 2022 | 437 Pages | Price ₹ : 2250.00

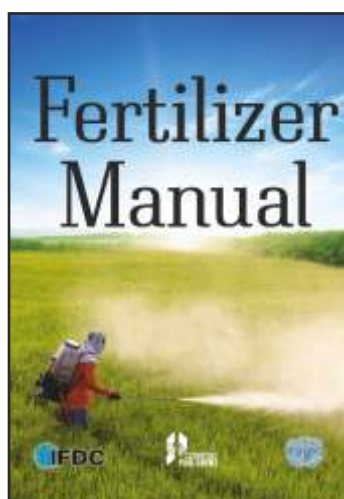


Farmers Training Entrepreneurship Manual

— Francis Luyayi | Esther Karanja | Elijah Ngocho
Judith Oduol | Jonathan Murluki | Jeremias Mowo

The entrepreneurship training presented in this manual is aimed at building the capacity of smallholder farmers in CA and AF thereby enhancing CGIAR's Systems priority 3 (Reducing rural poverty through agricultural diversification and emerging opportunities for high-value commodities and products) Priority 4 (Reducing extreme poverty and hunger) MDG 7 (Environmental sustainability and MDG 3 (Reducing the gender disparity). The development of this training manual is based on our experience and the extensive feedback received from different segments of entrepreneurs and trainers. The methodologies suggested here are being practised successfully in many fields. Efforts have been made to provide some significant information on the contents of each session. However, in the ever-changing economic scenario and information explosion, it is inevitable for the trainee to build upon the skills, update, give value addition and use the information here-in effectively to achieve the objectives.

ISBN: 9789383692668 | 2017 | 67 Pages | Price ₹ : 750.00

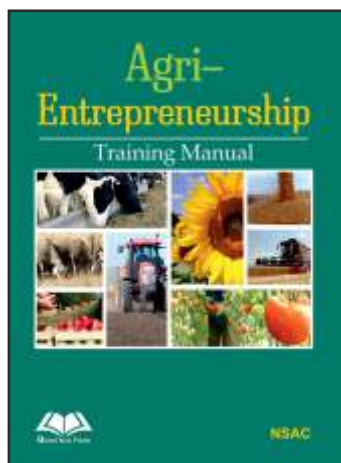


Fertilizer Manual

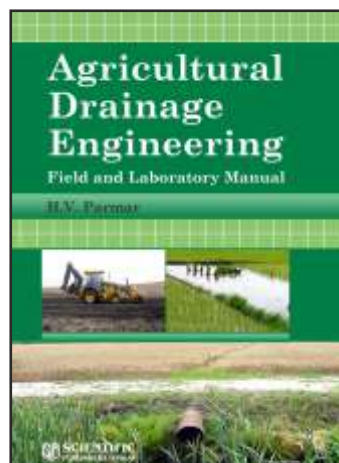
— IFDC

The publication of this edition of the Fertilizer Manual is timely in that the World Food Summit was held in Rome in November 1996. At this Summit, policymakers from around the world discussed the global challenges created by a burgeoning population, shrinking land area available for food production, and mounting food insecurity. The last revision of the Fertilizer Manual was published in 1979. Since that time major advances in fertilizer technology have occurred whereby more energy efficient processes and reductions in the cost of production have resulted. This edition of the Fertilizer Manual provides planners with information on these new advances. In the 3rd edition of the Fertilizer Manual, basic information from the 2nd edition has been retained.

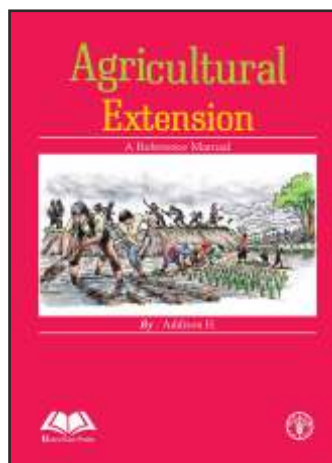
ISBN: 9789383692637 | 2019 | 620 Pages | Price ₹ : 7500.00



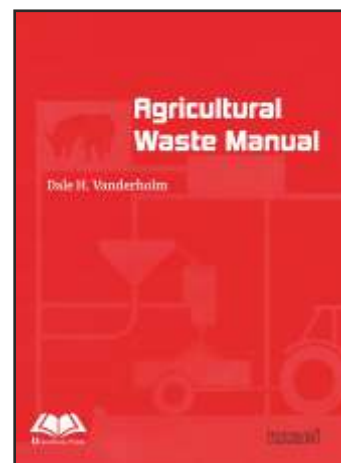
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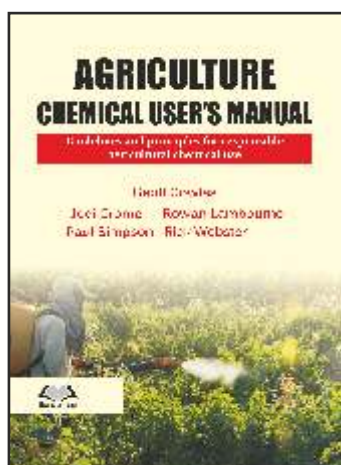
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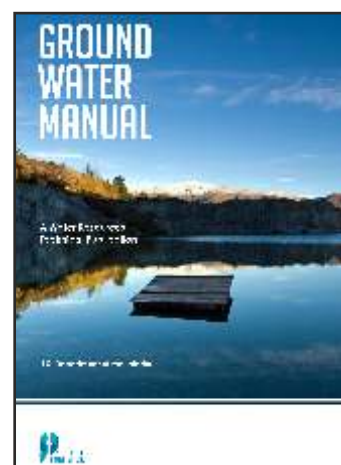
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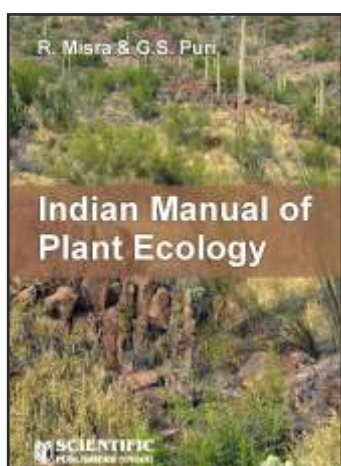
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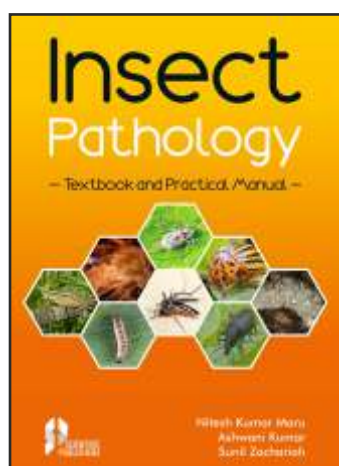
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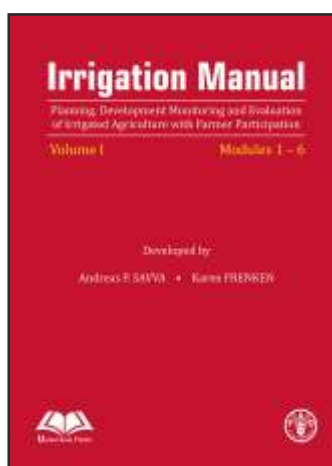
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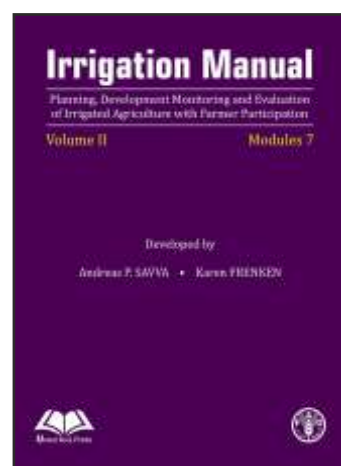
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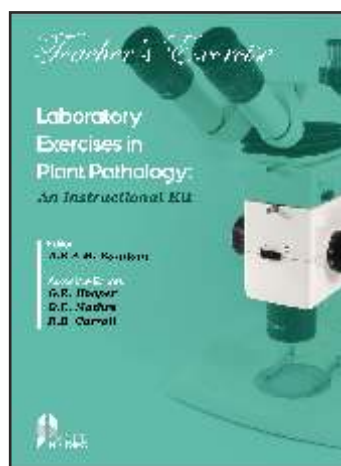
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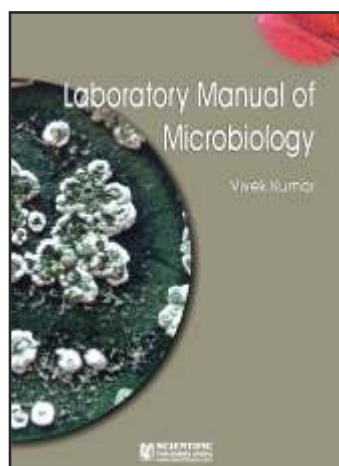
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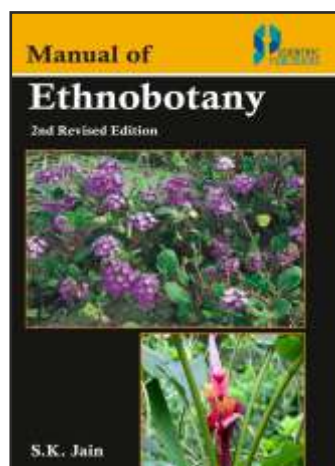
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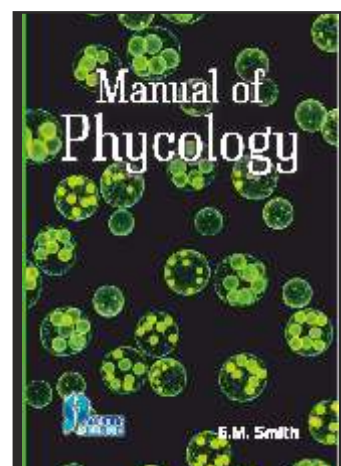
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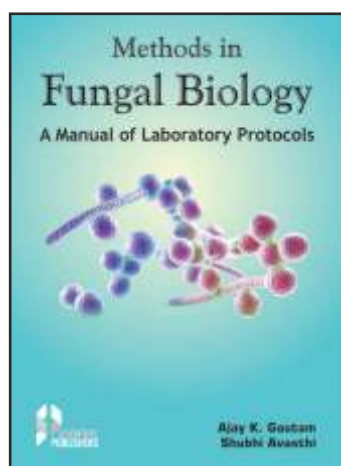
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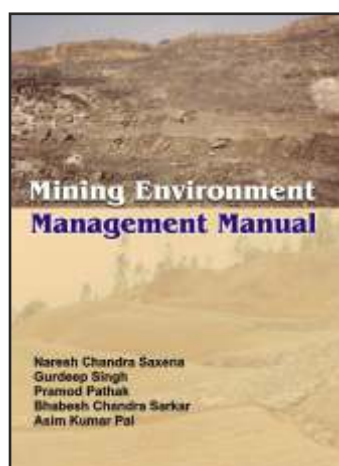
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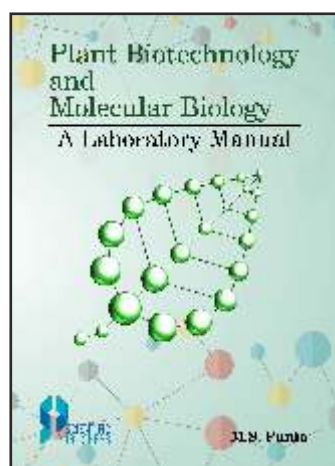
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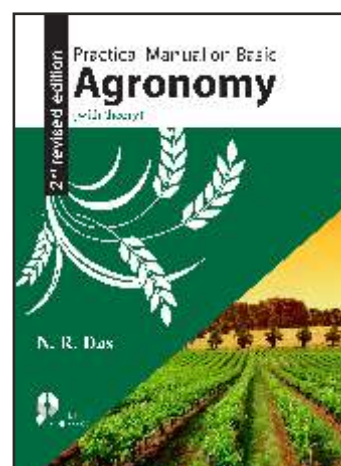
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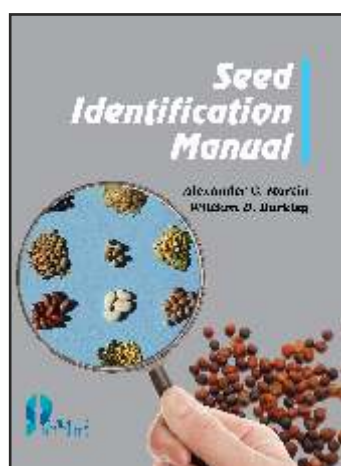
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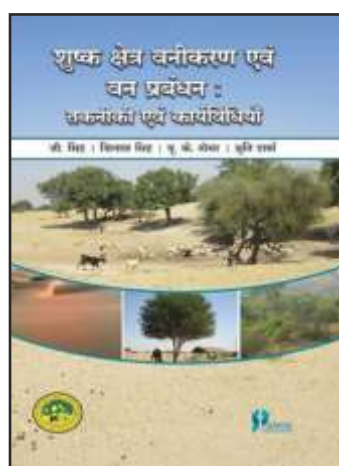
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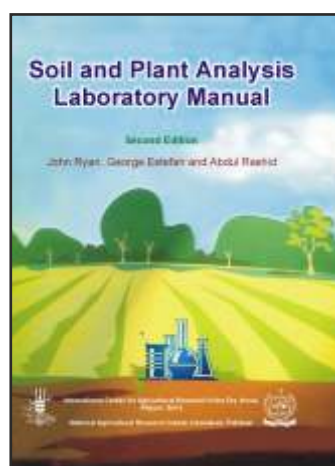
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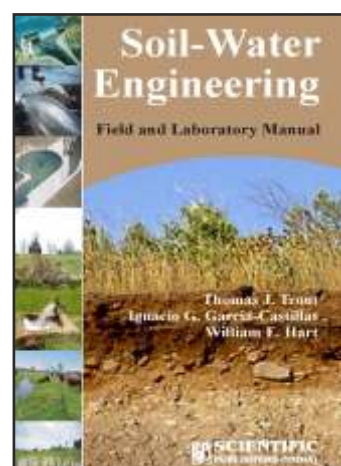
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