

CATALOG

Southeast Asia Program Publications 2015

About IPNI

The International Plant Nutrition Institute (IPNI) is a not-for-profit, science-based organization dedicated to the responsible management of plant nutrition for the benefit of people. Through cooperation and partnerships with respected institutions around the world, IPNI adds its strength to agronomic research, education, demonstrations, training, and other endeavours. Best management practices for nutrient stewardship encourage the concept of 4Rs - applying the right nutrient source, at the right rate, at the right time, and in the right place. To learn more about IPNI, please visit: www.ipni.net

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TABLE OF CONTENT

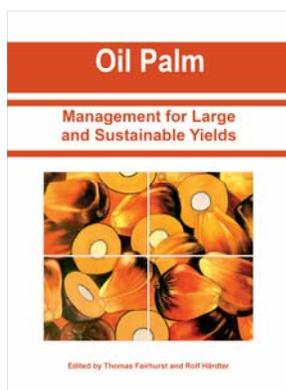
Books	Page 3
▪ Oil Palm: Management for Large and Sustainable Yields	
▪ Oil Palm - Best Management Practices for Yield Intensification	
▪ Specialty Coffee: Managing Quality	
▪ Soil Fertility Kit: Management of Soil Fertility in Acid, Upland Soil	
Field Handbooks	Page 4
▪ Field Handbook. Oil Palm Series, Volume 1: Nursery	
▪ Field Handbook. Oil Palm Series, Volume 2: Immature	
▪ Field Handbook. Oil Palm Series, Volume 3: Mature	
▪ Buku Lapangan. Seri Tanaman Kelapa Sawit, Volume 1: Pembibitan	
▪ Buku Lapangan. Seri Tanaman Kelapa Sawit, Volume 2: Tanaman Belum Menghasilkan	
▪ Buku Lapangan. Seri Tanaman Kelapa Sawit, Volume 3: Tanaman Menghasilkan	
Pocket Guides	Page 5
▪ Pocket Guide. Oil Palm Series, Volume 4: Nursery	
▪ Pocket Guide. Oil Palm Series, Volume 5: Immature	
▪ Pocket Guide. Oil Palm Series, Volume 6: Mature	
▪ Pocket Guide. Oil Palm Series, Volume 7: Nutrient Disorders and Nutrient Management	
▪ Rice: A Practical Guide to Nutrient Management	
▪ Buku Petunjuk. Seri Tanaman Kelapa Sawit, Volume 4: Pembibitan	
▪ Buku Petunjuk. Seri Tanaman Kelapa Sawit, Volume 5: Tanaman Belum Menghasilkan	
▪ Buku Petunjuk. Seri Tanaman Kelapa Sawit, Volume 6: Tanaman Menghasilkan	
▪ Buku Petunjuk. Seri Tanaman Kelapa Sawit, Volume 7: Kelainan Hara dan Pengelolaannya	
Posters	Page 6
▪ Nutrient Deficiency Symptoms in Oil Palm	
▪ Nutrient Disorders in Rice	
▪ Gejala Kahat Hara pada Tanaman Kelapa Sawit	
▪ Symptômes des déficiences minérales chez le palmier à huile	
Manuals	Page 7
▪ International Soil Fertility Manual (metric units)	
▪ Soil Fertility Manual (imperial units)	
Other Books	Page 8
▪ <i>Mucuna bracteata</i> : A Cover Crop and Living Green Manure	
▪ Pictorial Guide to Common Weeds of Plantations and Their Control	
▪ Selected Papers on Soil Science - Problem Soils	

NOTES ON BOOK ORDER

- Prices are valid until 31 December 2015
- Publications will be dispatched after receipt of payment
- Prices exclude delivery and handling charges; destination duties/taxes are to be borne by the client
- Mode of payment by credit card or telegraphic transfer
- Mode of delivery by air courier or pick-up from IPNI SEAP Office in Penang, Malaysia

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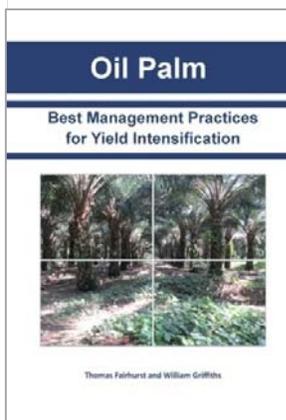
Books



OIL PALM: MANAGEMENT FOR LARGE AND SUSTAINABLE YIELDS

Edited by T.H. Fairhurst and R. Härdter
382 pages; paperback; 25 cm x 17.5 cm x 2 cm; 950 g
US\$35.00

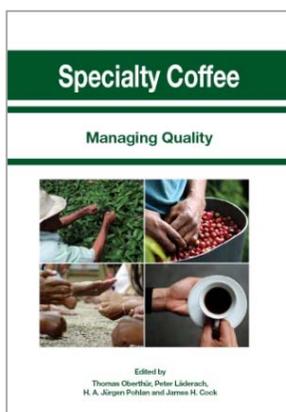
The advent of precision agriculture and new oil palm planting materials have made it necessary to provide planters with the latest information on oil palm management. This book provides an in-depth discussion on every aspect of oil palm management - from botany to nutritional needs, from managing the canopy to precision management using GIS.



OIL PALM: BEST MANAGEMENT PRACTICES FOR YIELD INTENSIFICATION

Thomas Fairhurst and William Griffiths
180 pages; paperback; 25 cm x 17.5 cm x 1.5 cm; 540 g
US\$40.00

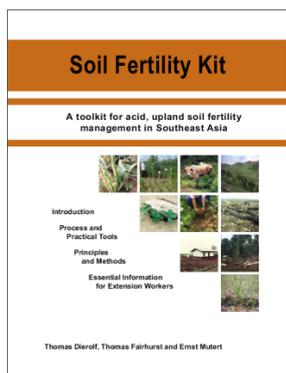
This book represents a culmination of the past 10 years of research and practical experience we have gained on refining Best Management Practices (BMPs) and developing a process to deploy them successfully in order to improve yields in Southeast Asia. It outlines the need, causes, and characteristics of yields and then discusses the implementation of BMPs. It concludes with a review of case studies and pilot programs showing how BMPs were implemented and the achieved results with accompanying statistical analysis. It demonstrates that improving yields is profitable and that yield intensification is necessary to reduce area expansion. It is a practical textbook documenting how to implement the right BMPs that can increase yields and production in ways that are profitable to plantations and sustainable environmental stewardship.



SPECIALTY COFFEE: MANAGING QUALITY

Edited by T. Oberthür, P. Läderach, H.A.J. Pohlen and J.H. Cock
347 pages; paperback; 25 cm x 17.5 cm x 2.5 cm; 1.05 kg
US\$85.00

A superb cup of coffee depends on a complex of processes along the supply chain that allows little margin for error at any stage. Furthermore, personal preferences and tastes are often involved in defining quality. Thus, the process of producing magnificent coffees is as much an art as a science. This book attempts to combine hard science with art and put it into a business context: the result is a book with a wide range of styles. It is neither a blueprint nor a recipe for specialty coffee production. The intention is to provide information and ideas that stimulate and support creative thinking that are bases for developing and adjusting the myriad processes of the specialty coffee supply chains to produce a multitude of coffees with distinctive traits from a diverse range of origins.

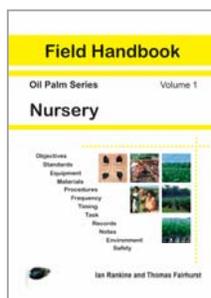


SOIL FERTILITY KIT: MANAGEMENT OF SOIL FERTILITY IN ACID, UPLAND SOIL

T.S. Dierolf, T.H. Fairhurst and E.W. Mutert
150 pages; paperback; 25 cm x 19 cm x 1 cm; 530 g
US\$25.00

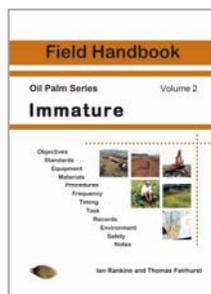
Deforestation, resulting soil erosion, and poor crop management are the major causes of land degradation. Soil is the farmer's basic resource, and thus, soil fertility is a key determinant in human development. This book presents the important concepts of soil fertility management in an easy-to-understand format. Full-color photographs, tables and charts are used throughout the book so that readers can quickly grasp the underlying principles of soil fertility.

Field Handbooks



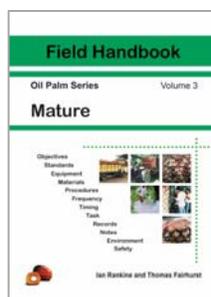
FIELD HANDBOOK. OIL PALM SERIES, VOLUME 1: NURSERY
I.R. Rankine and T.H. Fairhurst
108 pages; Wire-O binding; laminated; 21 cm x 15 cm x 1.5 cm; 460 g
US\$30.00

Handbook for personnel in charge of nursery management. Includes specific instructions and information on site selection and preparation, irrigation, transplanting, monitoring seedling performance and deficiency symptoms.



FIELD HANDBOOK. OIL PALM SERIES, VOLUME 2: IMMATURE
I.R. Rankine and T.H. Fairhurst
154 pages; Wire-O binding; laminated; 21 cm x 15 cm x 2 cm; 640 g
US\$30.00

Handbook for personnel in charge of plantation development. Includes guidelines on land preparation for planting (surveying, land clearing, platform construction, legume cover) and procedures for immature maintenance (weeding, nutrient management and census activities).



FIELD HANDBOOK. OIL PALM SERIES, VOLUME 3: MATURE
I.R. Rankine and T.H. Fairhurst
134 pages; Wire-O binding; laminated; 21 cm x 15 cm x 1.5 cm; 570 g
US\$30.00

Handbook for personnel in charge of operations in mature plantings. Topics cover harvesting and delivery efficiency, weeding, nutrient management, mulching with empty fruit bunches, canopy management and pruning, and to a lesser extent pest and diseases.

Also available in Bahasa Indonesia:



BUKU LAPANGAN. SERI TANAMAN KELAPA SAWIT, VOLUME 1: PEMBIBITAN
I.R. Rankine dan T.H. Fairhurst
108 pages; Wire-O binding; laminated; 21 cm x 15 cm x 1.5 cm; 480 g
US\$30.00



BUKU LAPANGAN. SERI TANAMAN KELAPA SAWIT, VOLUME 2: TANAMAN BELUM MENGHASILKAN
I.R. Rankine dan T.H. Fairhurst
154 pages; Wire-O binding; laminated; 21 cm x 15 cm x 2 cm; 640 g
US\$30.00

Oil palm pocket guides are also available in Bahasa Indonesia:



BUKU PETUNJUK. SERI TANAMAN KELAPA SAWIT, VOLUME 4: PEMBIBITAN
I.R. Rankine dan T.H. Fairhurst
83 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1 cm; 160 g
US\$15.00



BUKU PETUNJUK. SERI TANAMAN KELAPA SAWIT, VOLUME 5: TANAMAN BELUM MENGHASILKAN
I.R. Rankine dan T.H. Fairhurst
98 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1.25 cm; 190 g
US\$15.00

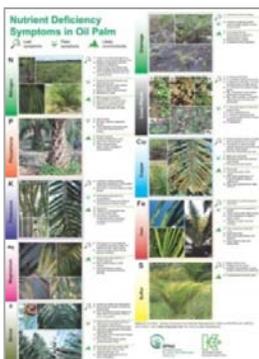


BUKU PETUNJUK. SERI TANAMAN KELAPA SAWIT, VOLUME 6: TANAMAN MENGHASILKAN
I.R. Rankine dan T.H. Fairhurst
96 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1.25 cm; 190 g
US\$15.00



BUKU PETUNJUK. SERI TANAMAN KELAPA SAWIT, VOLUME 7: KELAINAN HARA DAN PENGELOLAANNYA
T.H. Fairhurst, J.-P. Caliman, R. Härdter dan C. Witt
130 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1.5 cm; 250 g
US\$15.00

Posters



NUTRIENT DEFICIENCY SYMPTOMS IN OIL PALM
A1 size; laminated; folded
US\$5.00

Poster with pictures for the identification of nutrient deficiency symptoms in oil palm including brief descriptions of likely environments in which they occur.



NUTRIENT DISORDERS IN RICE
A1 size; laminated; folded
US\$5.00

Poster with pictures for the identification of nutrient deficiency symptoms in rice including brief descriptions of likely environments in which they occur.

Oil palm poster is also available in Bahasa Indonesia, French and Burmese:

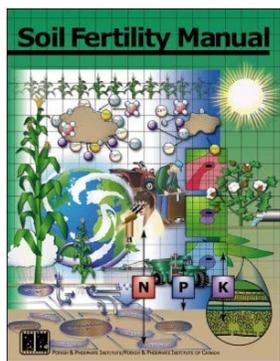


GEJALA KAHAT HARA PADA TANAMAN KELAPA SAWIT (Bahasa Indonesia)
A1 size; laminated; folded
US\$5.00



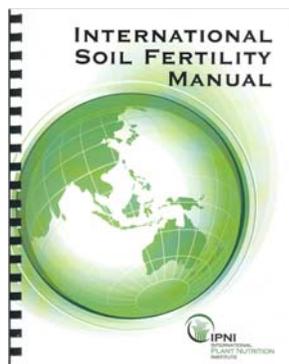
Symptômes des déficiences minérales chez le palmier à huile (French)
A1 size; laminated; folded
US\$5.00

Manuals



SOIL FERTILITY MANUAL (in imperial/US units)
192 pages; paperback; 28 cm x 21 cm x 1.5 cm; 720 g
US\$35.00

This manual features the basic principles of soil/plant relationships and fertilizer/aglime use. The Manual serves as a practical and modern resource on soil fertility, including the primary and secondary nutrients and micronutrients, soil sampling and testing, plant analysis, other diagnostic techniques and more. The publication now contains 11 chapters, plus a glossary and new appendix sections containing tables of conversions and reference lists, and color photos of various nutrient deficiency symptoms in crops. The presentation style of the manual continues to be practical and easy-to-grasp, making it adaptable to use by agronomists, farm advisers, students, farmers, and others...suitable for classroom use, meetings, and individual study.



INTERNATIONAL SOIL FERTILITY MANUAL (in metric units)
126 pages; paperback; 29.5 cm x 21 cm x 0.5 cm; 470 g
US\$25.00

This manual contains the topics covered in the North American version, as well as additional information on tropical crops and soils. Rates, yields and other units of measure are presented in metrics. This 114-page, 10-chapter publication is GBC-bound. It is a practical and useful publication discussing the major, secondary and micronutrients, along with soil testing, plant analysis, diagnostic techniques and more.

Other Books



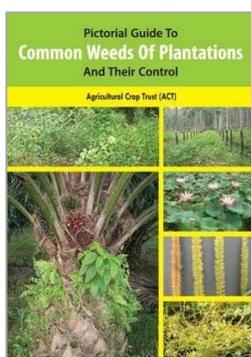
MUCUNA BRACTEATA: A COVER CROP AND LIVING GREEN MANURE

Edited by K.J. Goh and S.B. Chiu (Agricultural Crop Trust)

183 pages; hardcover; 23 cm x 15.5 cm x 1.5 cm; 430 g

US\$30.00

This book is the proceedings of the seminar *Mucuna bracteata*: A Cover Crop and Living Green Manure (29th November 2006, Sg. Tekam, Pahang) plus a new chapter on "The cultivation of *Mucuna bracteata* – A pictorial guide", Q&A session and 102 color photographs. This book brings together, in one accessible volume, most of what is currently known about *Mucuna bracteata*, reports on applied research and the practical aspects of its cultivation. The first 5 chapters attempt to bring a better understanding of the sciences and agronomy of *Mucuna bracteata* to the readers while the remaining chapters translate theory into large scale practice. All the chapters are written by practitioners who are also specialists in various subjects of plantation crop management.



PICTORIAL GUIDE TO COMMON WEEDS OF PLANTATIONS AND THEIR CONTROL

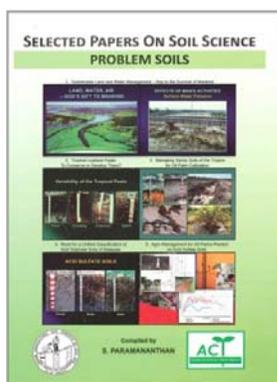
G.F. Chung, C.T. Lee, S.B. Chiu and K.H. Chee (Agricultural Crop Trust)

354 pages; hardcover; 21 cm x 15 cm x 2 cm; 740 g

US\$60.00

This book is an identification guide for some of the more common weeds in pictorial form with a section on weed management that has tables of herbicides for controlling specific categories of weeds. For easy reference, these weeds are listed under: grasses, sedges, broadleaved plants, ferns, epiphytes, volunteer plants, parasitic plants and aquatic plants. Broadleaved weeds, the most numerous, are subdivided into 5 sections: non-creeping, creeping, legume covers, woody and others.

This book presents an excellent collection of plant photos which will enable those working in plantations to easily identify weeds they find in their estates and to choose the right methods for weed control. It also serves as a reference for managers, planters, agronomists and others working with tropical plantation crops of Southeast Asia. The book also surprises with an index of weed names in Chinese.



SELECTED PAPERS ON SOIL SCIENCE - PROBLEM SOILS

Compiled by S. Paramanathan (Agricultural Crop Trust)

107 pages; paperback; 25 cm x 19 cm x 0.75 cm; 250 g

US\$10.00



Soils are the foundation on which sustainable agriculture can be practiced. It is important to know the soils found on a piece of land and their properties to help decide which is the most economical crop best suited for the area. Many tropical soils are considered problem soils which need special management practices to maximize yields. Unfortunately many textbooks on soils today are based on temperate soils. Here the publisher has compiled a collection of papers, which may not be readily accessible, in an attempt to help bridge the knowledge gap. Through these papers on problem soils such as peat, sandy soils and acid sulfate soils, the publisher hopes to help improve agricultural practices and to promote efficient sustainable use of our natural resources for agriculture.