

CATALOG

Southeast Asia Program Publications 2017

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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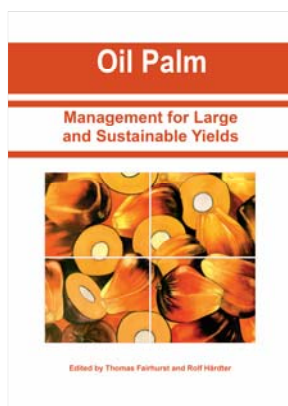
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NOTES ON BOOK ORDER

For enquiries, please email: **SEAP@IPNI.NET**

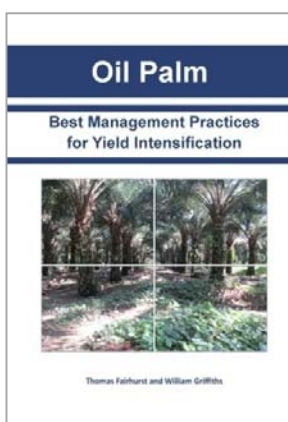
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Books



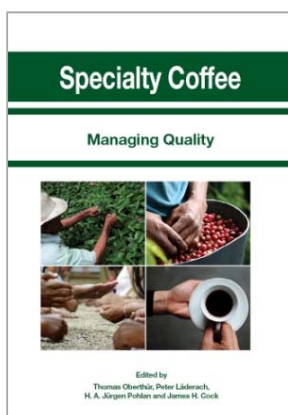
OIL PALM: MANAGEMENT FOR LARGE AND SUSTAINABLE YIELDS
Edited by T.H. Fairhurst and R. Härdter
382 pages; paperback; 25 cm x 17.5 cm x 2 cm; 950 g
US\$35.00

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

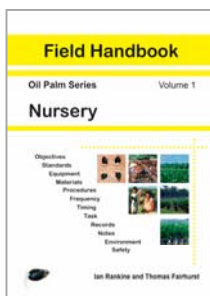
This book represents a culmination of the past 10 years of research and practical experience we have gained on refining Best Management Practices (BMPs) and developing a process to deploy them successfully in order to improve yields in Southeast Asia. It outlines the need, causes, and characteristics 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

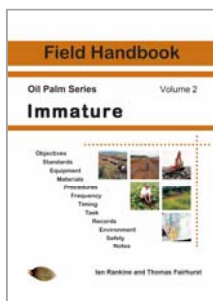
A superb cup of coffee depends on a complex of processes along the supply chain that allows little margin for error at any stage. Furthermore, personal preferences and tastes are often involved in defining quality. Thus, the process of producing magnificent coffees is as much an art as a science. This 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.

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.

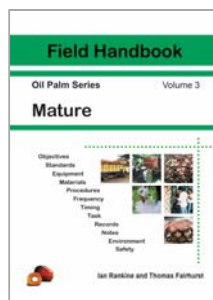


FIELD HANDBOOK: OIL PALM SERIES, VOLUME 2 - IMMATURE

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 extend 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 pegangan untuk pembibitan. Dilengkapi dengan informasi dan petunjuk pemilihan lokasi pembibitan dan persiapan lahan, instalasi irigasi, penanaman kecambah dan pemindahan dari pre-nursery ke main-nursery, pemantauan pertumbuhan dan perkembangan bibit serta gejala defisiensi serta seleksi dan norma kerja.



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**

Buku pegangan untuk tanaman belum menghasilkan. Dilengkapi dengan panduan persiapan lahan (survey, persiapan lahan, pembuatan tapak kuda, kacang penutup tanah) dan prosedur pemeliharaan tanaman belum menghasilkan (pengendalian gulma, manajemen nutrisi dan aktifitas sensus) dan norma kerja.



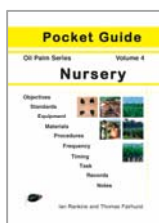
BUKU LAPANGAN: SERI TANAMAN KELAPA SAWIT, VOLUME 3 - TANAMAN MENGHASILKAN

I.R. Rankine dan T.H. Fairhurst

**134 pages; Wire-O binding; laminated; 21 cm x 15 cm x 1.5 cm; 620 g
US\$30.00**

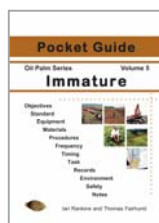
Buku pegangan untuk tanaman menghasilkan. Memuat informasi panen dan transportasi, pengendalian gulma, manajemen nutrisi, pemanfaatan janjangan kosong sebagai mulsa, penunasan dan manajemen kanopi, pengendalian hama dan penyakit serta norma kerja di areal menghasilkan.

Pocket Guides



POCKET GUIDE: OIL PALM SERIES, VOLUME 4 - NURSERY
I.R. Rankine and T.H. Fairhurst
82 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1 cm; 170 g
US\$15.00

This pocket-sized edition of the Nursery Handbook contains all relevant information needed by field staff to implement best management practices in oil palm nurseries.



POCKET GUIDE: OIL PALM SERIES, VOLUME 5 - IMMATURE
I.R. Rankine and T.H. Fairhurst
94 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1.25 cm; 190 g
US\$15.00

This pocket-sized edition of the Immature Handbook contains all relevant information needed by field staff to implement best management practices related to land preparation for planting and procedures for immature maintenance.



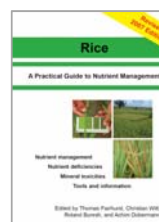
POCKET GUIDE: OIL PALM SERIES, VOLUME 6 - MATURE
I.R. Rankine and T.H. Fairhurst
100 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1.25 cm; 200 g
US\$15.00

This pocket-sized edition of the Immature Handbook contains all relevant information needed by field staff to implement best management practices in mature plantings.



POCKET GUIDE: OIL PALM SERIES, VOLUME 7 - NUTRIENT DISORDERS AND NUTRIENT MANAGEMENT
T.H. Fairhurst, J.-P. Caliman, R. Härdter and C. Witt
126 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1.5 cm; 240 g
US\$15.00

Pocket guide providing essential and up-to-date information on leaf sampling, quantitative surveys on deficiency symptoms, and other important guidelines related to nutrient management. Includes a large annex with pictures of nutrient deficiency symptoms.



RICE: A PRACTICAL GUIDE TO NUTRIENT MANAGEMENT
Edited by T.H. Fairhurst, C. Witt, R. Buresh and A. Dobermann
138 pages; Wire-O binding; laminated; 14 cm x 10 cm x 1.5 cm; 220 g
US\$15.00

Since its first introduction in 2002, this Practical Guide became the standard reference for developing site-specific nutrient management (SSNM) recommendations in irrigated and favorable rainfed rice. The SSNM approach has been successfully evaluated in a wide range of farmers' fields in Asia and is now promoted by national agencies in many Asian countries. The Guide includes a large annex with pictures of nutrient deficiency symptoms.

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 saku pembibitan kelapa sawit mencakup informasi “best management practices” yang dibutuhkan oleh staff pembibitan agar dapat menghasilkan bibit siap tanam dengan kualitas yang baik.



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 saku tanaman belum menghasilkan, merupakan kumpulan informasi yang sangat berguna untuk staff lapangan yang akan menerapkan sistem “best management practices” di perkebunan kelapa sawit fase belum menghasilkan. Dengan panduan yang begitu practices mudah untuk dipahami sehingga dapat diterapkan dengan maksimal.



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 saku tanaman menghasilkan, merupakan kumpulan informasi yang sangat berguna untuk staff lapangan yang akan menerapkan sistem “best management practices” di perkebunan kelapa sawit fase menghasilkan. Panduan-panduan yang disampaikan mudah untuk dipahami dan diterapkan di lapangan.



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

Buku saku tentang pengelolaan terhadap kelainan serta gejala defisiensi unsur hara tanaman kelapa sawit, menyediakan informasi-informasi terkini untuk proses pengambilan sample daun, survey gejala defisiensi unsur hara secara kuantitatif dan panduan-panduan lainnya yang berhubungan dengan manajemen nutrisi, dan dilengkapi dengan foto-foto gejala defisiensi unsur hara pada tanaman kelapa sawit.

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.



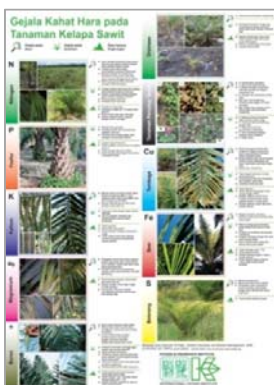
NUTRIENT DISORDERS IN RICE

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.

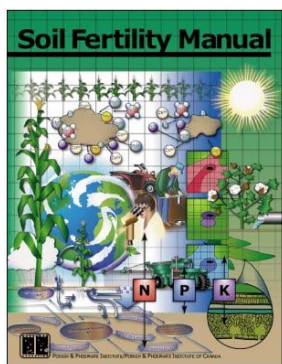
Oil palm poster is also available in Bahasa Indonesia, French and Burmese:



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

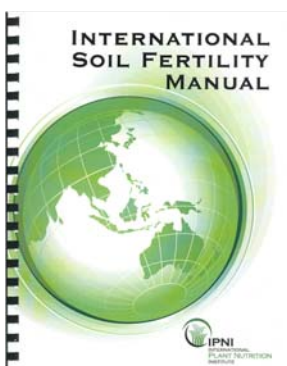
Poster dengan foto untuk identifikasi gejala defisiensi unsur hara pada kelapa sawit yang dilengkapi dengan deskripsi singkat seperti kondisi lingkungannya.

Manuals



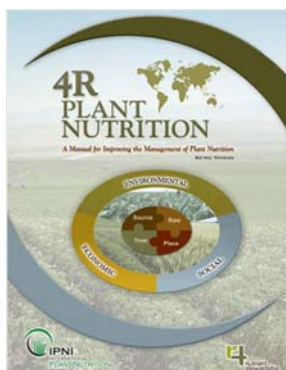
SOIL FERTILITY MANUAL (in imperial/US units)
192 pages; paperback; 28 cm x 21 cm x 1.5 cm; 720 g
US\$20.00

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\$10.00

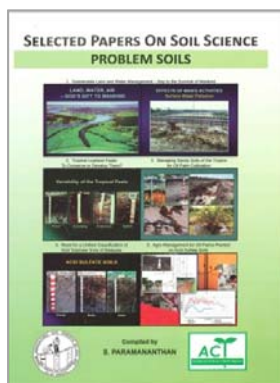
This manual contains the topics covered in the North American version, as well as additional information on tropical crops and soils. Rates, yields and other units of measure are presented in metrics. This 10-chapter publication is GBC-bound. It is a practical and useful publication discussing the major,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



4R PLANT NUTRITION: A MANUAL FOR IMPROVING THE MANAGEMENT OF PLANT NUTRITION (in metric units)
138 pages; paperback; 22.0 cm x 28.0 cm x 1.5 cm; 590 g
US\$30.00

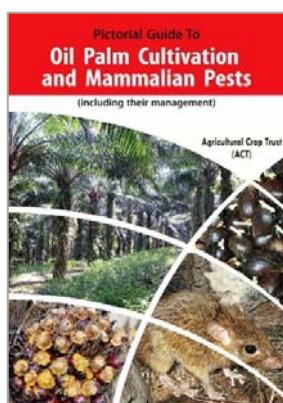
4R Nutrient Stewardship is a new innovative approach for fertilizer best management practices adopted by the world's fertilizer industry. This approach considers economic, social, and environmental dimensions of nutrient management and is essential to sustainability of agricultural systems. The concept is simple—apply the right source of nutrient, at the right rate, at the right time, and in the right place—but the implementation is knowledge-intensive and site-specific. The 4R Plant Nutrition Manual is a book filled with illustrations, learning modules, and case studies.

Other Books



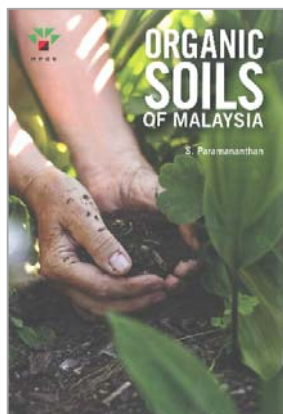
SELECTED PAPERS ON SOIL SCIENCE - PROBLEM SOILS
Compiled by S. Paramanathan (Agricultural Crop Trust)
107 pages; paperback; 25 cm x 19 cm x 0.75 cm; 250 g
US\$10.00

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.



PICTORIAL GUIDE TO OIL PALM CULTIVATION AND MAMMALIAN PESTS (including their management)
Chung Gait Fee, Lee Chin Tui and Chee Kheng Hoy (Agricultural Crop Trust)
394 pages; paperback; 15 cm x 21 cm x 1.25 cm; 840 g
US\$50.00

Oil palm is an efficient oil crop and produces very versatile vegetable oil. It is found in approximately 50% of products on supermarket shelves, including food and non-food items. To meet the increasing demand that follows our world population growth on a land-scarce scenario, increasing crop yields becomes the key challenge. Successful management to improve palm oil yield requires one to look into management of mammalian pests to prevent crop loss. This book serves as a quick guide to: (1) oil palm plantations, botany and general cultural practices; (2) major rat species which are destructive in oil palm plantations; (3) other mammalian pests including domestic livestock; (4) help readers recognize mammalian pests, damage symptoms and understand the management approaches, including prevention measures.



ORGANIC SOILS OF MALAYSIA
S. Paramanathan (Malaysia Palm Oil Council)
156 pages; paperback; 16.5 cm x 24 cm x 1 cm; 450 g
US\$18.00

This is the first book dedicated to tropical peat and its behavior when cultivated with oil palm. The book gives an insight of the characteristics of tropical lowland peat soils and shows how can be mapped, identified and classified. The agronomic utility of such a soil classification system which can explain the variation of oil palm performance and yield is shown. Attention is drawn to the fact that some peat soils can be developed and planted with oil palm to provide economic returns but there are other peat soils which cannot be farmed economically and must be conserved. One chapter of the book provides the good agricultural practices that must be followed to make oil palm cultivation sustainable. This is a good book for enthusiasts who want to know more about tropical peat soils and how oil palm can be cultivated sustainably on these soils.