

1. Record Nr.	UNINA9910640098603321
Autore	Dubos Bernard
Titolo	Oil Palm Fertilization Guide
Pubbl/distr/stampa	Versailles : , : Quae, , 2022 ©2023
Descrizione fisica	1 electronic resource (82 p.)
Collana	Savoir Faire Series
Altri autori (Persone)	BonneauXavier FloriAlbert Durand-GasselInTristan
Soggetti	Fertilizers & manures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Intended as guide for designing the fertilization system in oil palm plantations, this book explains in clear language how to define fertilizer recommendations for each plantation, considering the specific characteristics of each site. The authors present the principles for interpreting the results of plant tissue analysis, mainly leaflets, taking into account the influence of factors specific to each plantation (age, plant material, climate, soil). They detail how to experimentally determine site-specific reference levels of mineral elements and sampling rules for monitoring the nutritional status of the plantation. Priority is given to the most specific facies (soil, plant material) of the planted areas rather than to an average representation of the plots. This guide explains how to create fertilization schedules to achieve optimal leaf contents from experimentation, and to compare these data with information from geographic information systems. This decision support system is designed to be valid in all situations. In addition to the economic optimization of fertilization, environmental concerns are considered: soil health and absorption efficiency must be integrated into the fertilization strategy by optimizing cultivation practices for fertilizer application and organic matter management. This guide is illustrated by numerous examples from trials in various soil, climate

and plant material conditions in Africa and Latin America.

2. Record Nr.	UNINA9911150603703321
Autore	Sasvari Zoltan
Titolo	Multivariate characteristic and correlation functions / / Zoltan Sasvari
Pubbl/distr/stampa	Berlin ; ; Boston, : De Gruyter, 2013
ISBN	9783110223996 3110223996
Edizione	[1st ed.]
Descrizione fisica	1 online resource (376 p.)
Collana	De Gruyter Studies in Mathematics ; ; 50
Classificazione	SK 800
Disciplina	519.2/32
Soggetti	Characteristic functions Correlation (Statistics) Variables (Mathematics) Multivariate analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [357]-360) and index.
Nota di contenuto	Front matter -- Preface -- Contents -- Chapter 1. Characteristic functions -- Chapter 2. Correlation functions -- Chapter 3. Special properties -- Chapter 4. The extension problem -- Chapter 5. Selected applications -- Appendix A. Basic notation -- Appendix B. Basic analysis -- Appendix C. Advanced analysis -- Appendix D. Functional analysis -- Appendix E. Measure theory -- Appendix F. Probability -- Bibliography -- Index
Sommario/riassunto	In a certain sense characteristic functions and correlation functions are the same, the common underlying concept is positive definiteness. Many results in probability theory, mathematical statistics and stochastic processes can be derived by using these functions. While there are books on characteristic functions of one variable, books devoting some sections to the multivariate case, and books treating the general case of locally compact groups, interestingly there is no book devoted entirely to the multidimensional case which is extremely important for applications. This book is intended to fill this gap at least partially. It makes the basic concepts and results on multivariate

characteristic and correlation functions easily accessible to both students and researchers in a comprehensive manner. The first chapter presents basic results and should be read carefully since it is essential for the understanding of the subsequent chapters. The second chapter is devoted to correlation functions, their applications to stationary processes and some connections to harmonic analysis. In Chapter 3 we deal with several special properties, Chapter 4 is devoted to the extension problem while Chapter 5 contains a few applications. A relatively large appendix comprises topics like infinite products, functional equations, special functions or compact operators.
