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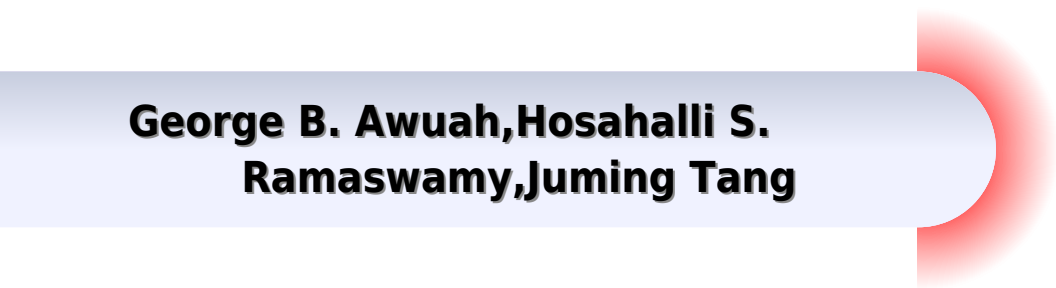
# MICROWAVE AND RADIO-FREQUENCY TECHNOLOGIES IN AGRICULTURE

AN INTRODUCTION FOR AGRICULTURALISTS  
AND ENGINEERS



# Microwave Radio Frequency Technologies Agriculture Agriculturalists

**George B. Awuah, Hosahalli S.  
Ramaswamy, Juming Tang**



## **Microwave Radio Frequency Technologies Agriculture Agriculturalists:**

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**Precision Agriculture Technologies for Food Security and Sustainability** Abd El-Kader, Sherine M., Mohammad El-Basioni, Basma M., 2020-10-16 Precision agriculture integrates new technologies with the agronomic experience to intelligently manage the high spatial variability of all agricultural variables and the time scales at which these variables change The right application of this approach increases the size and quality of the agricultural production saves resources improves environmental quality helps to achieve self sufficiency food security and agricultural sustainability increases exports and more Precision Agriculture Technologies for Food Security and Sustainability is an essential reference source that compiles a comprehensive multidisciplinary review of current research in the field of precision agriculture It also discusses cutting edge tools and models that can help facilitate and improve the systems implementation Featuring coverage of a wide range of topics including agronomy public policy and internet of things this book is ideally designed for agriculturalists government officials economists environmentalists academicians researchers students and engineers in the fields of electronics ICT and agriculture

*Emerging Microwave Technologies in Industrial, Agricultural, Medical and Food Processing* Kok Yeow You, 2018-07-04 Recently the rapid development of microwave technologies has had a significant impact on current industrial agricultural medical and food processing fields This book is a self contained collection of valuable scholarly papers related to the microwave applications This book contains 10 chapters that cover several subtopics of the microwave engineering namely microwave system design models emerging microwave devices and microwave heating drying technologies Hence this book should be useful to the academics scientists practicing researchers and postgraduate students whose works are related to microwave technologies

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