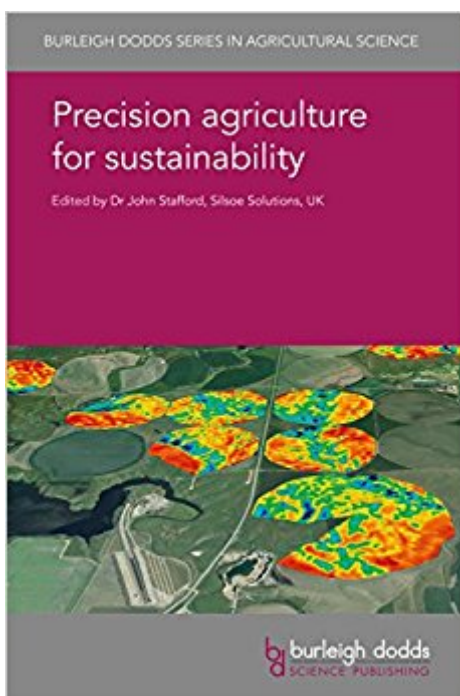


The book was found

Precision Agriculture For Sustainability (Burleigh Dodds Series In Agricultural Science)



Synopsis

Precision agriculture is based on the ability to identify inter and intra-field variability and to use this information for more targeted crop management. By using resources more efficiently, precision agriculture can make agriculture more productive and sustainable. This volume reviews the key elements of and advances in precision agriculture technology and applications. Part 1 looks at monitoring techniques, including proximal soil and crop sensors and remote sensing technologies. The book then goes on to discuss how this information is processed to identify management zones and input targets as well as the delivery mechanisms required such as variable rate application and targeted spray technologies. The final part of the book surveys the wide range of applications of precision agriculture, from controlled traffic farming to site-specific nutrient and water management. With its distinguished editor and international team of subject experts, this will be a standard reference for crop scientists and agronomists as well as all those concerned with improving the efficiency and sustainability of agriculture.

Book Information

Series: Burleigh Dodds Series in Agricultural Science (Book 52)

Hardcover: 380 pages

Publisher: Burleigh Dodds Science Publishing (April 1, 2018)

Language: English

ISBN-10: 1786762048

ISBN-13: 978-1786762047

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,569,971 in Books (See Top 100 in Books) #39 in [Books > Science & Math > Agricultural Sciences > Irrigation](#) #210 in [Books > Science & Math > Agricultural Sciences > Soil Science](#) #302 in [Books > Science & Math > Agricultural Sciences > Crop Science](#)

Customer Reviews

"Congratulations to the authors for putting together a comprehensive collection of key themes in precision agriculture. When appropriately augmented with local material, specific to the country/production system of relevance, this text is a very valuable, foundational learning tool. First principles can only go so far. In a rapidly evolving sector, a survey of the latest developments in these key areas is a must for students, teachers and researchers alike." Dr. B.A. Stewart, Director

Dryland Agriculture Institute and Distinguished Professor of Agriculture, West Texas A&M University, USA

Formerly a scientist at the internationally-renowned Silsoe Research Institute, Dr Stafford is well known as a leader in precision agriculture technologies. He is a Fellow of the Institution of Agricultural Engineers, Co-Editor of the journal Precision Agriculture and past President of the International Society of Precision Agriculture (ISPA).

[Download to continue reading...](#)

Precision agriculture for sustainability (Burleigh Dodds Series in Agricultural Science) Achieving sustainable cultivation of wheat Volume 2: Cultivation techniques (Burleigh Dodds Series in Agricultural Science) Achieving sustainable cultivation of rice Volume 2: Cultivation, pest and disease management (Burleigh Dodds Series in Agricultural Science) 6 books in 1 - Agriculture, Agronomy, Animal Husbandry, Sustainable Agriculture, Tropical Agriculture, Farm Animals, Vegetables, Fruit Trees, Chickens, ... Tomatoes, Cucumbers (How To Do Agriculture) The Agricultural Groundwater Revolution: Comprehensive Assessment of Water Management in Agriculture (Comprehensive Assessment of Water Management in Agriculture Series) (v. 3) Batteries for Sustainability: Selected Entries from the Encyclopedia of Sustainability Science and Technology Economics of Agricultural Development: World Food Systems and Resource Use (Routledge Textbooks in Environmental and Agricultural Economics) Fundamentals of Agricultural Development: Chapter 1 of Agricultural Options for Small-Scale Farmers Genetically Modified Crops and Agricultural Development (Palgrave Studies in Agricultural Economics and Food Policy) Food, Farming, and Sustainability: Readings in Agricultural Law List of the agricultural periodicals of the United States and Canada: Published during the century July 1810 to July 1910, (U.S. Department of Agriculture. Miscellaneous publication) HIV/AIDS And Human Development In Sub-Saharan Africa: Impact Mitigation Through Agricultural Interventions: An Overview and Annotated Bibliography ... Leaders in Agriculture and the Environment) Antimicrobials and Agriculture (Studies in the agricultural & food sciences) Spirituals of Harry T. Burleigh: Low Voice [Songbook] Agriculture: Spiritual Foundations for the Renewal of Agriculture Reconstructing Sustainability Science: Knowledge and action for a sustainable future (The Earthscan Science in Society Series) Three Dimensional Surface Topography (Ultra Precision Technology Series) Using the Agricultural, Environmental, and Food Literature (Books in Library and Information Science) Pursuing Sustainability: A Guide to the Science and Practice Sustainability Science

Contact Us

DMCA

Privacy

FAQ & Help