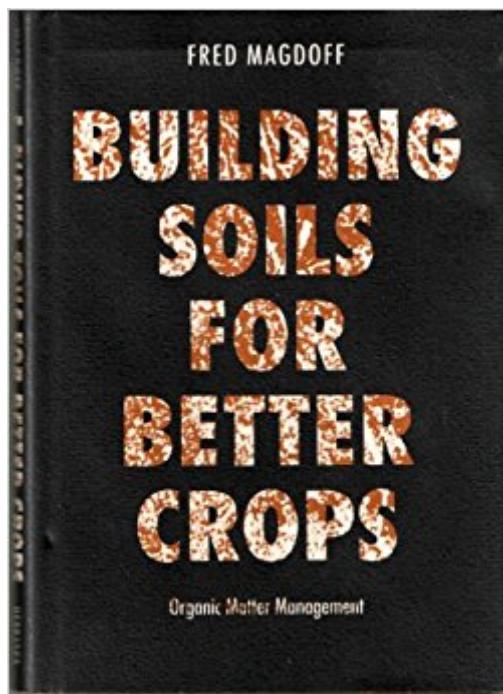


The book was found

# **Building Soils For Better Crops: Organic Matter Management (Our Sustainable Future)**



## Synopsis

Farmers and gardeners face all sorts of difficulties in the course of growing crops—•weeds and insect pests, low levels of fertility, lack of water, soil compaction, and erosion of topsoil. Usually seen as separate issues and dealt with individually, weeds, insects, nematodes, and plant diseases are controlled by pesticides; nutrient deficiencies are overcome through use of commercial fertilizers; drought stress is mitigated through irrigation; and compacted layers of soil are broken up by machinery. But all of these problems can be eliminated, or at least alleviated, by proper soil management that emphasizes organic matter build-up and maintenance. At the forefront of a reawakening interest in sustainable agriculture, this book is written for farmers, gardeners, extension specialists, and others interested in the practical stewardship of our natural resources. Fred Magdoff, noted for his expertise in soil fertility, presents the latest information on soil organic matter and explains modern management techniques along with the best of the older practices. He opens with a discussion of the nature of organic matter and its function in the soil and then reviews practices for building up and maintaining soil organic matter, including reduced tillage, residue management, and crop rotations. A final selection offers an overview of the dynamics and chemistry of organic matter.

## Book Information

Series: Our Sustainable Future

Hardcover: 176 pages

Publisher: University of Nebraska Press; 1st edition (March 1, 1993)

Language: English

ISBN-10: 0803231601

ISBN-13: 978-0803231603

Product Dimensions: 0.8 x 5.8 x 8.2 inches

Shipping Weight: 13 ounces

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,007,952 in Books (See Top 100 in Books) #76 in Books > Crafts, Hobbies & Home > Gardening & Landscape Design > Soil #470 in Books > Science & Math > Agricultural Sciences > Soil Science #2007 in Books > Crafts, Hobbies & Home > Gardening & Landscape Design > By Region

## Customer Reviews

"This is a key resource."•Charles Francis, University of Nebraska-Lincoln (Charles Francis

)"Covers the complex topic of soil organic matter in a style that will be understandable to readers with little or no training in soil science."•Larry King, North Carolina State University (Larry King )

Fred Magdoff is chairman of the Department of Plant and Soil Science at the University of Vermont and the coordinator for the Northeast Region of the USDA Sustainable Agriculture Program. He has also developed a soil test for nitrogen availability in humid areas.

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

Building Soils for Better Crops: Organic Matter Management (Our Sustainable Future) Tropical Soils: Properties and Management for Sustainable Agriculture (Topics in Sustainable Agronomy) Gardening Success with Difficult Soils: Limestone, Alkaline Clay, and Caliche Soils Tropical agriculture : the climate, soils, cultural methods, crops, live stock, commercial importance and opportunities of the tropics Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Sustainable Logistics and Supply Chain Management: Principles and Practices for Sustainable Operations and Management Healthy Soils for Sustainable Gardens (Brooklyn Botanic Garden All-Region Guide) Basics of R/C Model Aircraft Design: Practical Techniques for Building Better Models: Practical Techniques for Building Better Models Quantum Leadership: Building Better Partnerships for Sustainable Health Construction Materials, Methods and Techniques: Building for a Sustainable Future (Go Green with Renewable Energy Resources) Building Saigon South: Sustainable Lessons for a Livable Future Organic Homemade Lotion Recipes - For All Skin Types (The Best Lotion DIY Recipes): Lotion Making For Beginners (organic lawn care manual, organic skin care, beauty and the beast) Modified: GMOs and the Threat to Our Food, Our Land, Our Future Traveling the Power Line: From the Mojave Desert to the Bay of Fundy (Our Sustainable Future) Natural Resource Conservation: Management for a Sustainable Future (10th Edition) Inheritance: How Our Genes Change Our Lives--and Our Lives Change Our Genes The Mind-Gut Connection: How the Hidden Conversation Within Our Bodies Impacts Our Mood, Our Choices, and Our Overall Health The Mystery of the Shemitah: The 3,000-Year-Old Mystery That Holds the Secret of America's Future, the World's Future, and Your Future! Soils in Our Environment (11th Edition) Organic Manifesto: How Organic Food Can Heal Our Planet, Feed the World, and Keep Us Safe

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)