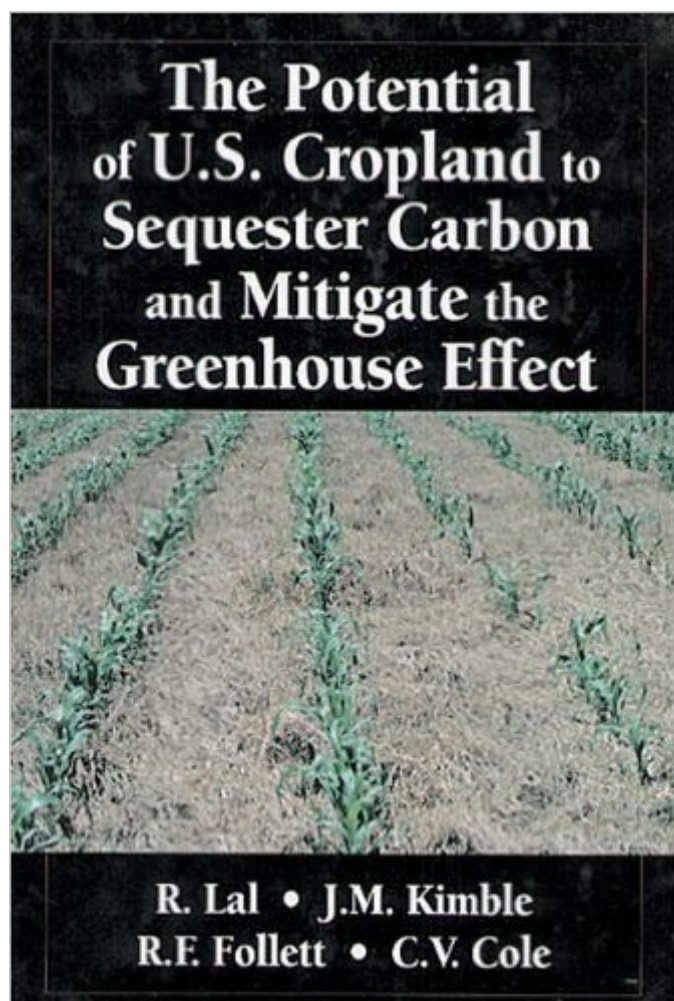


The book was found

# The Potential Of U.S. Cropland To Sequester Carbon And Mitigate The Greenhouse Effect



## Synopsis

This report assesses the potential of U.S. cropland to sequester carbon, concluding that properly applied soil restorative processes and best management practices can help mitigate the greenhouse effect by decreasing the emissions of greenhouse gases from U.S. agricultural activities and by making U.S. cropland a major sink for carbon sequestration. Topics include: Describe the greenhouse processes and global trends in emissions as well as the three principal components of anthropogenic global warming potential Present data on U.S. emissions and agriculture's related role Examines the soil organic carbon (SOC) pool in soils of the U.S. and its loss due to cultivation Provides a reference for the magnitude of carbon sequestration potential Analyzes the primary processes governing greenhouse gas emission from the pedosphere Establishes a link between SOC content and soil quality Outlines strategies for mitigating emissions from U.S. cropland Discusses soil erosion management Assesses the potential of using cropland to create biomass for direct fuel to produce power Details the potential for sequestering carbon by intensifying prime agricultural land

The Potential of U.S. Cropland to Sequester Carbon and Mitigate the Greenhouse Effect provides an exceptional framework for the adoption of science-based management methods on U.S. cropland, encouraging appropriate agricultural practices for the sustainable use of our natural resources and the improvement of our nation's environment.

## Book Information

Hardcover: 144 pages

Publisher: CRC Press; 1st edition (August 1, 1998)

Language: English

ISBN-10: 157504112X

ISBN-13: 978-1575041124

Product Dimensions: 6.9 x 0.5 x 10.5 inches

Shipping Weight: 15 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #3,229,789 in Books (See Top 100 in Books) #73 in [Books > Crafts, Hobbies & Home > Gardening & Landscape Design > Soil](#) #444 in [Books > Crafts, Hobbies & Home > Gardening & Landscape Design > Greenhouses](#) #609 in [Books > Science & Math > Agricultural Sciences > Agronomy](#)

## Customer Reviews

great

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

The Potential of U.S. Cropland to Sequester Carbon and Mitigate the Greenhouse Effect  
Greenhouse: Greenhouse Construction & Gardening Box Set (Greenhouse, Greenhouse Management, Greenhouse Growing, Greenhouse Plans, Greenhouse Gardening, Greenhouse Gardening for Beginner) Greenhouse: Greenhouse Gardening Box Set (Greenhouse, Greenhouse Gardening, Greenhouse Gardening for Beginners, Greenhouse for Dummies, Garden, Gardening)  
21st Century Guide to Carbon Sequestration - Capture and Storage to Fight Global Warming and Control Greenhouse Gases, Carbon Dioxide, Coal Power, Technology Roadmap and Program Plan  
Greenhouse Gardening: Secrets of Building a Perfect Greenhouse, Tips for Growing Vegetables and Flowers All Year Round! (Homesteading & Greenhouse Gardening) Greenhouse Gardening: How To Effectively Grow Fruits, Vegetables, And Plants All Year In A Greenhouse Efficiently (Gardening, Planting, Companion Gardening, Gardening Guide, Greenhouse Gardening) Returning Carbon to Nature: Coal, Carbon Capture, and Storage Rodd's Chemistry of Carbon Compounds, Part D: Membered Heterocyclic Compounds With More Than 2 Heteroatoms in the Ring (Rodd's Chemistry of Carbon Compounds 2nd Edition) Greenhouse Gardening for Beginners 2nd Edition: How to Grow Flowers and Vegetables Year-Round In Your Greenhouse (Gardening, Planting, Companion Gardening, ... Gardening Guide, Planting Guide) Greenhouse Plans: How To Build A Simple, Portable, PVC Hoop House With Various Size Configurations (Greenhouse Plans Series) Solar Electric Power Generation - Photovoltaic Energy Systems: Modeling of Optical and Thermal Performance, Electrical Yield, Energy Balance, Effect on Reduction of Greenhouse Gas Emissions Trivia: The Rosie Effect: A Novel By Graeme Simsion (Trivia-On-Books) (The Rosie Project & The Rosie Effect Bundle Book 2) Playing against Nature: Integrating Science and Economics to Mitigate Natural Hazards in an Uncertain World (Wiley Works) Pest Control Simplified for Everyone: Kill, Repel, or Mitigate Pests with or Without Pesticides New methods and recent developments of the stereochemistry of ephedrine, pyrrolizidine, granatane and tropane alkaloids, (Recent developments in the chemistry of natural carbon compounds) Green Innovation in China: China's Wind Power Industry and the Global Transition to a Low-Carbon Economy (Contemporary Asia in the World) Second Supplements to the 2nd Edition of Rodd's Chemistry of Carbon Compounds, Volume 5: Topical Volumes and Cumulative Index Reactions and symbols of carbon compounds;: A textbook of organic Chemistry 2nd Crops and Carbon: Paying Farmers to Combat Climate Change Carbon Nanotubes: Advanced Topics in the Synthesis, Structure, Properties and Applications (Topics in Applied Physics)

[Dmca](#)