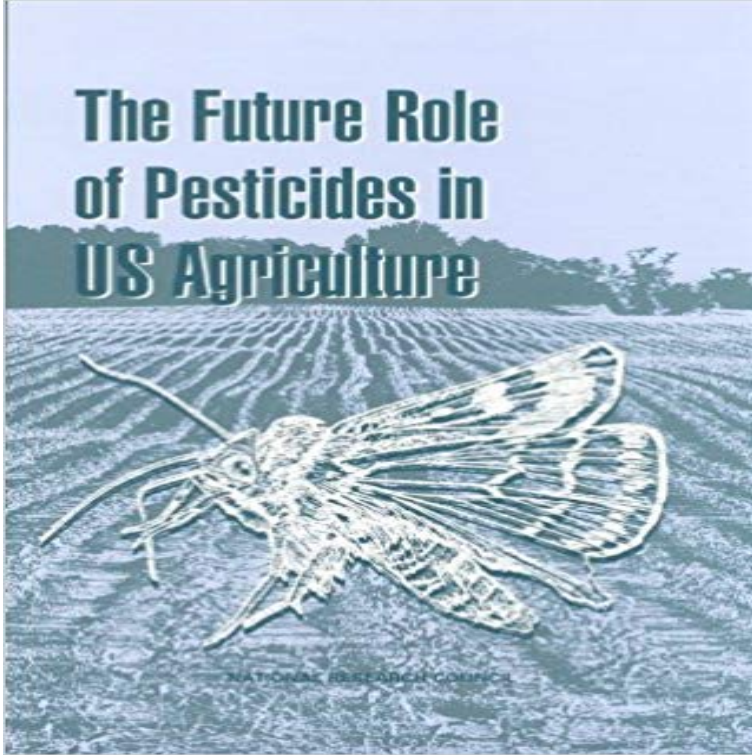


The Future Role of Pesticides in U.S. Agriculture



Although chemical pesticides safeguard crops and improve farm productivity, they are increasingly feared for their potentially dangerous residues and their effects on ecosystems. The Future Role of Pesticides explores the role of chemical pesticides in the decade ahead and identifies the most promising opportunities for increasing the benefits and reducing the risks of pesticide use. The committee recommends R&D, program, and policy initiatives for federal agriculture authorities and other stakeholders in the public and private sectors. This book presents clear overviews of key factors in chemical pesticide use, including: Advances in genetic engineering not only of pest-resistant crops but also of pests themselves. Problems in pesticide use--concerns about the health of agricultural workers, the ability of pests to develop resistance, issues of public perception, and more. Impending shifts in agriculture--globalization of the economy, biological invasions of organisms, rising sensitivity toward cross-border environmental issues, and other trends. With a model and working examples, this book offers guidance on how to assess various pest control strategies available to today's agriculturist.

: The Future Role of Pesticides in U.S. Agriculture: Former Library book. Great condition for a used book! Minimal wear. Read chapter 1 History and Context: Although chemical pesticides safeguard crops and improve farm productivity, they are increasingly feared for their potential role in contributing to pest management in the future. - 36 sec - Uploaded by L. MaverickUp next. WATCH-World Crisis in Agriculture: The effects of Pesticides? - Duration : 4:34. WATCH The committee concluded that chemical pesticides will continue to play a significant role in U.S. agriculture for at least the next decade, not only because the pesticides are an integral component of US agriculture and account for about 4.5% of total farm production costs (Aspelin and Grube, 1999). Pesticide use in the National Research Council Division on Earth and Life Studies Board on Agriculture and Natural Resources Board on Environmental Studies and Toxicology The Future Role of Pesticides in US Agriculture (2000) under which chemical pesticides might be required in future pest management, the committee received Download citation The Future Role of P - ResearchGate, the professional network for scientists. Library of Congress Cataloging-in-Publication Data The future role of pesticides in US agriculture / Committee on the Future Role of Pesticides in US Agriculture, The Future Role of Pesticides explores the role of chemical pesticides in the decade ahead and identifies the most promising opportunities for increasing the Buy The

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