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Altri autori (Persone)	HungChih-Yu WangLixia
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Nota di contenuto	1 Environmental Pollution and Climate Change Implications of Agricultural Fertilizer Use -- 2 Challenges to Agriculture Production Under Climate Change -- 3 Synthetic Nitrogen Fertilizer Pollution -- 4 Nitrogen Nexus -- 5 Fertigation -- 6 Mitigating Nutrient Pollution from Livestock Manure -- 7 Utilizing Biochar for Nitrogen Management from Manures in Agriculture -- 8 Biochar-mediated Composting for Boosting Microbial Activity and Compost Quality -- 9 Recycling Biosolids into Agriculture -- 10 Recent Advances in Bio-fertilizer Development -- 11 Nano Fertilizers.
Sommario/riassunto	This book presents a comprehensive exploration of advanced scientific techniques for reducing agricultural nutrient pollution in the context of climate change. It delves into the sources, pathways, and extent of nutrient release into the environment, offering stakeholders valuable

insights into how scientific advancements can help reduce environmental footprints. The authors critically examine key knowledge gaps, policy interventions, and challenges related to nutrient management from agrochemicals, synthetic fertilizers, and organic manures. As the demand for safe, sustainable, and environmentally friendly agricultural practices grows in the face of climate change, this book synthesizes scientific research, reports, and policies. It provides reliable information for scientists, students, policymakers, and organizations to promote effective nutrient utilization in agriculture while minimizing environmental impacts.

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