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Sommario/riassunto	This volume aims to raise awareness and stimulate research on how agricultural management could help to mitigate climate change impacts, and focuses on technical progressions and innovations in climate change mitigation and adaptation. It addresses new innovations in agricultural technology and management with the goal of balancing agricultural production and its associated climate effects in a sustainable manner. The major topics covered include crop and soil management, techniques and technologies for emission reduction, irrigation, land degradation, pest and disease management, farmers' perspectives, and climate-smart agriculture policy. The book is geared towards students, researchers, and professionals in the fields of environmental science, agriculture science, and climate change.