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Sommario/riassunto

This book provides all aspects of the physiology, stress responses and tolerance to abiotic stresses of the Brassicaceae plants. Different plant families have been providing food, fodder, fuel, medicine and other basic needs for the human and animal since the ancient time. Among the plant families, Brassicaceae has special importance for their agricultural importance and multifarious uses apart from the basic needs. Interest understanding the response of Brassicaceae plants toward abiotic stresses is growing considering the economic importance and the special adaptive mechanisms. The knowledge needs to be translated into improved elite lines that can contribute to achieve food security. The physiological and molecular mechanisms acting on Brassicaceae introduced in this book are useful to students and researchers working on biology, physiology, environmental interactions and biotechnology of Brassicaceae plants.
