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Titolo	Plant Defense Mechanisms / / edited by Josphert N. Kimatu
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Descrizione fisica	1 online resource (226 pages) : illustrations
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Sommario/riassunto	Recent human migrations, technological advances, agricultural activities, and climate change-induced phenomenon have forced plants to increasingly adapt to new environments. This book highlights current morphological, anatomical, physiological, molecular, and genomic advances in plant defense mechanisms. These advances, including epigenetic mechanisms, have been linked to observed phenotypic plant plasticity. Researchers have found intriguing plant interactions and novel mechanisms, which have increased our understanding of how sessile plants adapt to and thrive in challenging environments. The studies in this book consider the resilience and sustainability of plant genomes and epigenomes and the role they will play in the next generation of food systems.