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Sommario/riassunto

This book, 'Heavy Metal Toxicity and Tolerance in Plants,' offers a comprehensive exploration of the impact of heavy metals on plant physiology and biochemistry. Edited by a team of international experts, it delves into the interactions between plants and heavy metals, highlighting the physiological, biochemical, and molecular responses of plants. The book presents strategies for enhancing metal tolerance using advanced techniques such as omics and genetic engineering. It also addresses the implications of heavy metal contamination in food crops and human health. Intended for researchers, students, and professionals in plant sciences and environmental studies, this work aims to provide insights into plant resilience and adaptation mechanisms in the face of heavy metal stress.

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