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SECTION 3: Allelopathy in Potential Invasive Weeds

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Chapter 15. Evaluation of Weed Suppressive Effect of Allelochemicals of Ornamental Marigold SpeciesSECTION 5: Rice Allelopathy; Chapter 16. Rice Allelopathy; Chapter 17. Allelochemicals Involved in Rice Allelopathy; SECTION 6: New Approach in Tree Allelopathy; Chapter 18. Variation in Allelopathic Influence among Wide Range of Tree Species; Chapter 19. Monitoring Allelopathic Expression and Functional Performance of Tamarind (Tamarindus indica L.): A Case Study; Chapter 20. Influence of Water Extract from Uncaria tomentosa Bark on Ultrastructure of Capsicum

SECTION 7: New Field in Allelopathy (Aquatic Plants, Mushrooms, Insects, Animals)Chapter 21. Production of Allelochemicals by an Aquatic Plant, Myriophyllum spicatum L.; Chapter 22. Fruiting Bodies of Mushrooms as Allelopathic Plants; Chapter 23. Allelopathic Action of Triticale Allelochemicals Towards Grain Aphid; Chapter 24. Rat Sexual Behavior and Volatile Substance from Plants; Back cover

Sommario/riassunto

The principal goal of allelopathy is to foster sustainable agriculture, forestry, and environment. The objective is to minimize the industrial chemicals and to maximize the use of natural resources locally available while improving crop productivity, forestry and the environment. The technological advances made in allelopathy research in recent years have been created, analyzed, and developed by scientific establishments throughout the world. They present exciting and intellectually challenging problems which are solvable using modern techniques. These modern and advanced techniques as describ