



## Protocols for Micropropagation of Selected Economically-Important Horticultural Plants

By -

Humana Press Inc. Hardcover. Condition: New. 490 pages. Dimensions: 9.9in. x 7.3in. x 1.5in. Micropropagation is a reliable technology applied commercially worldwide for large-scale plant multiplication, germplasm conservation, pathogen elimination, genetic manipulations and supply of selected plants. In *Protocols for Micropropagation of Selected Economically-Important Horticultural Plants*, well recognised researchers in the field compile step-wise protocols for rapid plant multiplication of economically-important horticultural species. The book contains 35 chapters, divided into four major sections. The first three sections (Section A, B and C) contain 29 micropropagation protocols of selected fruit and nut species, indoor and outdoor ornamental plants, cut flowers, and vegetables. In addition to the detailed protocols of in vitro shoot initiation, proliferation, root induction and acclimatization, chapters also include detailed information on medium preparation, explant selection and preparation. The six chapters of Section D cover specific reviews on pivotal topics, such as in vitro rejuvenation, synthetic seed technology, thermotherapy and meristem culture in banana, genetic transformation of pineapple, flower color somaclonal variation in torenia, and cryotherapy of horticultural crops. Moreover, as a part of the highly successful *Methods in Molecular Biology* series, chapters include introductions to the respective topic, lists of necessary materials, notes, and illustrative photos. Comprehensive and well-written,...



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