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Abiotic Stress Tolerant Transgenics of Bacopa Monniera

By Parvez Khan

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Taschenbuch. Book Condition: Neu. 220x150x3 mm. This item is printed on demand - Print on Demand Neuware - Medicinal plants are world's oldest known healthcare products which play role in traditional medicines. WHO estimated that more than 80% of world's population in developing countries depends primarily on herbal medicines. There is growing concern about diminishing population, loss of genetic diversity & habitat degradation. Bacopa used in various medicines, mainly in brain tonics. Bacopa & other medicinal plants suffers poor germination in natural habitat. Tissue culture techniques has proved successful in the manipulation, conservation of medicinal & threatened plants. This approach not only reduces the duration for propagation & selection of desirable trait but also facilitate raising plantlets in a limited space. In-vitro propagation of Bacopa on semi-solid medium has been taken up in this book. Direct manipulation of DNA sequences to alter gene expression in medicinal plants is an area that is ripe for expansion. Primary target for trait manipulation in medicinal plants is the content of active compounds & resistance to biotic & abiotic stress must also be improved-as given in the book. New genomic approaches like transgenics explained in this book provide better material for the breeders. 56 pp. Englisch.



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