



## Biotechnology of Ectomycorrhizae

By Bonfante, P. / Nuti, M.

Book Condition: New. Publisher/Verlag: Springer, Berlin | Molecular Approaches | Forty years after the discovery of the helix nature of DNA and more than twenty after the first applications of recombinant DNA technology to the pharmaceutical industry, the Pandora's vase of biotechnology seems far from being empty. New products for agriculture and the food industry are constantly being placed on the market, and powerful monitoring techniques have been developed to track non-modified and genetically modified vaccines, viruses, microbes and plants released into the environment. Molecular approaches for taxonomic purposes, which might also be useful for quality control and assurance, have been successfully developed and used for taxonomic purposes in the last decade for both prokaryotic and eukaryotic cells, including yeasts and filamentous fungi. Mycorrhizae are one example of a traditional biotechnology that can greatly benefit from the latest molecular approaches. These universal symbioses between soil fungi and plant roots play a central role in most of the natural and agricultural ecosystems in such key processes as nutrient cycling, soil structural conservation and plant health. For these reasons, mycorrhizae have been successfully used to improve the quality of forest and agricultural seedlings, to produce high-quality micropropagated plants and to increase the production...



**READ ONLINE**  
[ 3.08 MB ]

### Reviews

*This book is definitely not effortless to start on reading through but extremely fun to learn. Better than never, though i am quite late in start reading this one. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Aliya Franecki**

*This is actually the finest ebook i have got study till now. I actually have go through and that i am sure that i am going to likely to read once again once again later on. Its been developed in an extremely straightforward way and is particularly simply soon after i finished reading through this ebook through which actually modified me, change the way i really believe.*

-- **Mrs. Maybelle O'Conner**



