

Status: Filled

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Project Description

Micropropagation is an advanced vegetative propagation technique for producing a large number of genetically uniform and pathogen-free transplants in a limited time and space. It is a plant tissue culture technique for growing plants from small pieces of tissue under sterile conditions in a laboratory on specially selected media. The benefits of plant tissue culture are extensive in the agricultural world in many respects, the first being that it allows for the production of huge numbers of plants in a very short period of time. Plant tissue culture is also advantageous to growers because the overwhelming number of disease free plants can be produced using the tissue collected from a single parent plant - a plant which itself remains unharmed in the tissue harvesting process. Propagation through tissue culture also eliminates