Micro propagation of Banana

Micro propagation of plants at industrial level maintains high standards of homogeneity in plants like pineapple, banana, strawberry and potato.

Micropropagation protocol for banana

In vitro micropropagation of banana (*Musa* sp.)

Suckers surface sterilized with 1% NaoCl for 30 minutes

Apical meristems were isolatedcultured on MS basal medium supplemented with Benzylaminopurine (BAP) 10.0 mg/l and Indole Acetic Acid (IAA) 1.0 mg/l

Induction of shoots with in168 days

Kinetin 2.0 mg/l and Napthalene Acetic Acid (NAA) 0.5 mg/l for root induction

Acclimatization in polyhouse

Followed by shade-house under 50% light for hardening process

Tested for genetic uniformity

Transferred to field