

MICRO-GRAFTING MERISTEM TIP
CULTURE OF CITRUS SPECIES

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Feasibility of micro-grafting of 'Bibile Sweet' orange scion on to rootstock of woodapple and sour orange was studied. At the same time effect of hormone (indole acetic acid-IAA and benzylaminopurine -BAP), rootstock and physical state of medium on improvement of success of micro-grafting of citrus species was studied.

Sour orange as rootstock gave better results than woodapple for 'Bibile Sweet' orange. BAP concentration at 1 mg/l and IAA at 1 mg/l gave best results on both sour orange and woodapple rootstock. Hormone concentration lower than the above affected the success. The highest grafting success was found when the physical state of medium was solid.