Effect of single and double rootstock on grafting success in mango

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SUMMARY

The studies were conducted at Central Nursery Scheme, Marathwada Agricultural University, Parbhani during June 1997 to February 1998. Five different varieties namely, Hur, Parbhani Hapus, Ratna, Neelam and Totapuri were tested on single and double rootstock separately. Variety Ratna when grafted on single as well as double rootstock gave maximum grafting success. Grafting success in field and later on in field survival are the serious bottleneck in mango cultivation and practical problems in the establishment of mango orchard. In both the cases, mortality of mango grafts in field and initial grafting success may be due to short supply of food material by single rootstock. The very objective of conducting this experiment was to overcome the problem by providing double rootstock.


Key words:
Mango, Grafting, Root stock

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