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THE ASIAN JOURNAL OF HORTICULTURE
Volume **9** | Issue 1 | June, 2014 | 240-242
e ISSN- 0976-724X | Open Access-*www.researchjournal.co.in* |

Research Paper

Article history **:**
Received : 10.09.2012
Revised : 15.05.2014
Accepted : 25.05.2014

Study of softwood grafting on different mango varieties

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ABSTRACT : The present investigation revealed that minimum days taken for grafting observed in T_4 (Dashehari) and maximum days in T_9 (Local-3) at 90 DAS, similarly for days taken for scion sprouting was observed minimum in T_4 (Dashehari) and maximum days in T_6 (Rajapuri) and for per cent success of soft wood grafting was maximum in T_1 (Kesar) and minimum in T_{10} (Local-4). Maximum height of scion at 30, 60 and 90 days grafting was observed significant under treatment T_1 (Kesar), T_6 (Rajapuri) and T_4 (Dashehari) and minimum in treatment T_{10} (Local-4) and T_2 (Badam), respectively. The maximum per cent survival of grafts was recorded maximum for T_1 (Kesar) while the minimum was found in T_7 (Local-1) for 30 days grafting and for 60 days grafting T_9 (Local-3,). The maximum number of leaves of scion bud after 30, 60 and 90 days grafting was observed in T_1 (Kesar), T_8 (Local-2) and T_4 (Dashehari), while the minimum number of leaves of scion bud after 30, 60 and 90 days grafting was observed under the treatment T_{10} (Local-4) and T_7 (Local-1).

KEY WORDS : Soft wood grafting, Mango (*Mangifera indica* L.)

HOW TO CITE THIS ARTICLE : Prajapati, G.K., Patel, M.M., Bhadauria, H.S., Varma, L.R., Modi, D.J. and Garasiya, V.R. (2014). Study of softwood grafting on different mango varieties (*Mangifera indica* L.). *Asian J. Hort.*, **9**(1) : 240-242.