



Research Paper

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Standardization of softwood grafting of jackfruit under Tripura conditions

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ABSTRACT : Tripura jackfruit (*Artocarpus heterophyllus* L.) is a popular fruit ranking first in total area and annual production in Tripura. Tripura is considered to be the home of jackfruit and it is reservoir of many year-round producing genotypes. Diverse forms of jack have been growing in hilly slopes and plains. At present most of the jackfruits are grown waste land, fallow land including in home gardens by farmers. Under the above circumstances standardization of softwood grafting for selection of superior genotypes including Baromaishya types (throughout the year flowering and fruiting) of Jackfruits. The experiment was carried out in the year 2009-11, in the College of Agriculture, Government orchard and farmers fields. Standardization of softwood grafting under Tripura condition like time (season) of grafting, length of scion and age of the rootstock. The investigation was carried out in different months (May to September). The result indicate that fifteen days (15 days) old rootstocks gave the highest success (87.68 %) and fifteen (15 cm) centimetre length precured scion gave the highest success (86.33 %). The maximum successes was found in 15th June (86.09 %) under open condition.

KEY WORDS : Jackfruit, Softwood grafting

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