

**Effect of season on grafting success in different cultivars of sapota
(*Manilkara achras* (Mill.) Fosberg) under tropical humid conditions of
Andhra Pradesh.**

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ABSTRACT

Two sets of experiments were carried out during 2012-2013 to assess incompatibility of sapota cultivars to softwood grafting, and to find out the best time for softwood grafting, at Horticultural Research Station, Venkataramannagudem. Considerable variation in success of softwood grafting among sapota cultivars was observed. Among ten cultivars studied, Pala showed highest compatibility with Khirnee rootstock to softwood grafting, followed by Cricket Ball and DSH-2. There was a total failure in graft-take in cultivars CO-1, DSH-1 and Gutti. Softwood grafting success was highest in sapota when carried out on 1st July (72%) followed by 15th August (70%), 5th June (62%) and 15th June (56%).

Key words : Cultivars, Incompatibility, Khirnee, Sapota, Season, Softwood Grafting.