Effect of structural conditions on softwood grafting success and survival of jamun grafts (*Syzygium cimini* Skeel)

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**ABSTRACT**

An experiment was carried out to study the effect of time on softwood grafting success and survival of jamun grafts (*Syzygium cimini* Skeel) was carried out at Horticultural Research Farm, Department of Horticulture, B.A. College of Agriculture, Anand during summer season in the year 2009. The treatments comprised of ten grafting dates (15th and 30th dates of each of April, May, June, and August months). The experiment was laid out in a Completely Randomized Design with 3 replications. The results revealed that among the three structural conditions open condition recorded significantly highest increment in length on scion i.e. 15.26%, length of rootstock i.e. 6.12%, numbers sprouted grafts i.e. 13.2, minimum days required for sprouting of grafts i.e. 22.90, maximum number of full opened leaves i.e. 4.9 and thereby maximum survival i.e. 75.32% at 90 DAG (days after grafting).

**Key words**: Jamun, Softwood grafting, Survival of grafts, Open condition, Net house, Open vent green house