



Research Note

Article history :

Received : 15.02.2014

Accepted : 30.05.2014

Standardization of propagation methods of Chironji (*Buchnanian lanzan Spreng*)

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ABSTRACT : Chironji, a multipurpose tree provides food, fuel, fodder, timber and medicine to the local community. It is free for collection, as a result of which the local inhabitants, traders and greedy merchants destroy the branches/whole trees during collection of its fruits without bothering about new plantations. This has led to the destruction of Chironji plants in the forests. The seed germination studies were conducted in the nursery of Krishi Vigyan Kendra, Dantewada. For studies on plant survival and growth, fresh seeds of *B. lanzan* were planted in the field in silty-loam soil. Seed germination of 75 per cent within 20 days could be achieved with satisfactory seedling growth by mechanically damaging the stony endocarp with hammer before sowing followed by seed treatment with 5 per cent H₂SO₄ that is 61.5 per cent within 25 days and only 39 per cent germination were recorded in seed sown normally.

KEY WORDS : Chironji, Germination, Non-timber forest produce, Propagation

HOW TO CITE THIS ARTICLE : Narayan, Kamal, Patra, H.K. and Dhruw, S.K. (2014). Standardization of propagation methods of Chironji (*Buchnanian lanzan Spreng*). *Asian J. Hort.*, 9(1) : 283-284.