

630. **Chinnamani, S. and Gupte, S.C. 1966.** A note on stump planting of some *Eucalyptus* and black wattle in the Nilgiris. *Indian For.*, 92(11):667-668.

The paper suggests that raising *Acacia mollissima*, *Eucalyptus tereticornis* and *Eucalyptus citriodora* plantations by stump planting, will save considerable amount on the nursery costs, costs of transport of planting material, cost on frost covers, etc. The stumps have a great advantage over mossed seedlings not only in the cost of planting stock but also in the survival during frost seasons without any frost protection. Ranganathan (5) has pointed out that frost injury to the young seedlings in the Nilgiris is mainly due to the non-availability of soil moisture from the top layer of about 12-15 cm as a result of frozen soil water. In the case of stumps the tap root is placed sufficiently deep to take up the soil moisture from deeper levels. This probably explains why the plant does not suffer from frost injury.