

803. **Singh, B., Pradhan, I.P. and Singh, A. 1977.** Effect of different types and times of mulching on the success and economics of afforestation in semi-arid ravineous tract of Gujarat. *Indian For.*, 103(2):120-128.

Results of a study conducted at Vasad (Gujarat) showed that clod mulching (soil hoeing without pulverisation and spreading clods on the surface in one metre diameter around plants) in postmonsoon period (October) gave significantly better height and diameter growth of *khair* (*Acacia catechu*) plants as compared to grass mulching or the usual weeding and hoeing. Clod mulching in October also gave higher survival percentage of plants and was overall cheaper in cost than the practice of weeding and hoeing as prevailing in this region.