

608. Agrawal, S.C., Chinnamani, S. and Rege, N.D. 1961. Mixed plantation for effective soil conservation in the Nilgiris. *Indian For.*, 87(1):26-33.

*Eucalyptus globulus* and *Acacia mollissima* constitute the main species of plantations raised in the Nilgiris and Kodaikanal. Experiments conducted at Ootacamund have indicated that *Eucalyptus globulus* even at an espacement of 6' x 6' permits a fairly heavy soil loss even though the leaf litter was allowed to accumulate. It is only from the fourth year onwards that the soil loss was not experienced at this espacement. It is seen that in bigger and older

plantations of bluegum, the trees are lopped and leaves collected for oil, the humus is poor and very often rills and gullies appear.