

946. **Singh, B., Verma, B. and Monappa, K. 1968.** Afforestation and grassland improvement in ravine lands for small-scale industries and dairy development-II. Proc. Symp. on Forests and forest-based industries, Soc. of Indian Foresters, New Forest, Dehradun. Abs No. 26: 96.

The paper deals with the economic aspects of the recommended landuse and development measures adopted in Gujarat ravines. Afforestation of ravine lands would provide a net annual return of Rs. 1370 and Rs. 660 per ha, if these were put under plantation of *Dendrocalamus strictus* (bamboo) and *Dalbergia sissoo* (*Sisham*). *Eucalyptus camaldulensis* was found to be more paying. Gully plugging and peripheral bunding combined with closure to grazing and fires was most economical and gave an average

annual return of Rs. 109.50 p. per ha from grasslands. This treatment gave a net annual return of Rs. 74.90 p. which was 140 per cent higher than the original production level. Fertilisation of grasslands having incurred net annual loss of Rs. 28.28 p. was not found economical.

per cent of fertilizers on forage