

1284. Agarwal, M.C., Dhyani, B.L., Samraj, P., Haldorai, B. and Henry, C. 1995. Economics of black wattle plantations in sloping lands of Nilgiris. *Indian J. Soil Conserv.*, 23(1): 69-73.

The paper deals with economics under four intercropping treatments: black wattle + grass-legume mixture, black wattle + scented geranium, black wattle + potato and black wattle + potato in first year only (hypothetical) and compares it with pure tree species (black wattle alone) to recommend the economically most efficient one for mass adoption in the sloping lands of Nilgiris. The economic analysis done for the rotation period of 12 years (1980 to 1991) by benefit-cost ratio, net present worth and payback period for discounted streams of benefits and costs at 10, 15 and 20 per cent and internal rate of return criterion revealed that black wattle + grass-legume mixture, black wattle + scented geranium and black wattle + potato are more economically efficient intercropping combinations.