

1289. Mathur, H.N., Agarwal, M.C., Ram Babu and Joshie, P. 1979. Benefit cost ratio of fuel-fodder plantation in Doon Valley. *Indian J. Soil Conserv.*, 7(2): 53-58.

Discusses the results of a study on economic utilization of wastelands initiated during 1959-60 in Doon Valley with two fuel tree species (viz. *Dalbergia sissoo* and *Acacia catechu*) raised at four spacings (viz. 4.55 x 4.55 m, 9.15 x 9.15 m, 13.75 x 13.75m and 18.30 x 18.30 m). Fodder grass (*Chrysopogon fulvus*) was raised in all the treatments except in *Acacia catechu* (4.55 x 4.55 m) in which *Eulaliopsis binata* was introduced. *Chrysopogon fulvus* was also raised pure in one plot. Benefit:cost ratios clearly indicated that *D.sissoo* at 9.15 x 9.15 m planted with *Chrysopogon fulvus* for fuel and fodder, *Chrysopogon fulvus* alone for fodder and *Acacia catechu* at 4.55 x 4.55 m under planted with *Eulaliopsis binata* for fuel and fibre requirement are economically viable for the wastelands.