

378. Prasad, S.N., Verma, B., Prasad, A. and Singh, H.B. 1987. Intercropping of field crops with fodder of *Subabul* under rainfed conditions in reclaimed ravine lands of Kota. Abstract No. 19, National Symp. on "Land and Water Management in Ravines", CSWCRTI, Research Centre, Agra, March 19-22, 1987: 16.

To study the performance of *subabul* (Hawaiin Giant var. K.8) and to find out suitable field

crops as intercrops, a study was initiated in *kharif*, 1981 under rainfed conditions at Kota. The grain yields of different intercrops were reduced due to competition with *subabul*. The grain yield reductions were 153, 285 and 134 kg in sorghum, pigeonpea+sorghum and pigeonpea + blackgram which correspond to 9.5, 13.9 and 12.9% lower yield respectively as compared to their stands without *subabul*. The average (1981 to 1986) maximum green fodder yield (35 t/ha) was obtained from *subabul* planted at 0.75 m x 0.25 m spacing followed by 3.75m x 0.25m (13.14 t/ha) as pure crops. Fodder yield further reduced by 43.3, 80.6 and 31.7% due to intercropping with sorghum, pigeonpea+sorghum and pigeonpea+blackgram.