

736. **Pratap Narain and Singh, Gurmel. 1990.** Soil nutrient status and dynamics in typical forests of Doon Valley in North India. Proc. I International Symp. on "Forest Soils and Forest Management" North-east Forestry Univ., Harbin, China, July 22-27, 1990: 53-66.

Studies were conducted on soil nutrient status, their dynamics and forest site characteristics under *sal* (*Shorea robusta*), *eucalyptus* (*E.grandis* and *E.camaldulensis*) and brushwood forests of Doon Valley. Annual return of nutrients through leaf fall was maximum under *sal* forest followed by brushwood and *eucalyptus*. The understorey biomass and nutrients contained therein were however highest in *eucalyptus* followed by *sal* forest. Status of soil nutrients namely organic carbon, total nitrogen, available potassium and exchangeable calcium and magnesium in soil were maximum in brushwood forest followed by *eucalyptus* and *sal*.