

735. **Pratap Narain, Singh, Ravender. and Singh Kalyan. 1990.** Influence of forest covers on physico-chemical and site characteristics in Doon Valley. *Indian For.*, 116:901-916.

Studies were conducted on soil nutrient status, their dynamics and physico-chemical characteristics of soil under *sal*, *Eucalyptus* and brushwood forests in 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 brushwood and *sal* forest. Organic carbon, total nitrogen, available potash and exchangeable calcium and magnesium in soil were maximum in brushwood forest followed by *Eucalyptus* and *sal* but available phosphorus was more under *sal*.