

- 1202. Mohan, S.C. and Gupta, R.K. 1983.** Infiltration rates in various landuses from a Himalayan watershed in Tehri Garhwal. *Indian J. Soil Conserv.*, 11(2&3):1-4.

Studies on infiltration rates were made on various land uses in Bhaintan Watershed-a typical catchment area of the Ganga in the Himalayas by employing a double ring infiltrometer under constant head. Ist hourly infiltration rate (cm/hr) was in the range of 3.20-5.20 (forest land), 2.40-7.05 (crop lands), 3.70-4.95 (horticulture land) and 4.25 (grassland). Average infiltration rates were in the order of good terraced crop land > poorly terraced crop lands > grasslands > forest lands, each group indicating a wide range of variation within itself. Forest lands in the upper reaches showed conspicuously low values of infiltration rates which were mainly due to compacted condition of the soil and scanty litter deposit on the floor to hold and intercept water.