

869. **Bhola, S.N., Dayal, R. and Mishra, P.R. 1968.** A study on soil water movement in clay loam soil. *Indian For.*, 94(4):281-289.

The study deals with the rate of loss of available soil water through evaporation and evapotranspiration under field conditions in a clay loam soil under three land treatments (control-hoeing with no plants, hoeing with tobacco plants, cultivated fallow-no hoeing). Average daily loss of available moisture in hoed plots with no plants worked out to be 0.0617 mm/day/30 cm depth only as against 0.4755 and 0.320 mm/day/30 cm depth in hoed plots with tobacco plants and in cultivated fallow. The transpiration loss percentage per day was 30.1.55 and 2.38 for 15, 30 and 45 cm depths while evaporative loss alone was to the tune of 1.28 of 0.20 and 0.048 per day, respectively.