

Singh, R., Prasad, S.N., Singh, K.D. and Samra, J.S. 1997. Runoff, Soil and Nutrient Losses in Vertisols of South-Eastern (Ed. R.P. Singh) Rajasthan. Bulletin No. T-34/K-4, CSWCRTI, Research Centre, Kota 324002: 33 p.

The bulletin contains very useful data with respect to runoff, soil and nutrient losses based on studies conducted at the CSWCRTI, Research Centre, Kota during past four decades. The results of studies on runoff and soil loss as well as nutrient losses under four slope lengths viz. 22, 44, 66 and 88 m with uniform width of 1.83 m at 1% slope indicated maximum runoff (42.3% of rainfall) and soil loss (7.12 t/ha) under 22 m plot length and minimum (30.7% runoff and 5.45 t/ha/yr soil loss) under 88 m plot in cultivated fallow situations. Similarly, runoff and soil loss with soybean cropping was 15.9% and 525 kg/ha/yr under 22 m plot length which progressively decreased to 2% and 90 kg/ha/yr respectively under 88 m plot length. The nutrient losses followed the trend of soil loss.