



Research Article

Estimation of runoff losses under differential topographical situations in plateau region of Garhwa

■ B. K. YADAV, B.S. KHERAWAT, RAJESH KUMAR AND SUSHIL KUMAR

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MEMBERS OF RESEARCH FORUM :

Corresponding author :
B.S. KHERAWAT, Crop Improvement Division, Central Soil Salinity Research Institute, KARNAL (HARYANA) INDIA

Co-authors :
B.K. YADAV, Krishi Vigyan Kendra (B.A.U.) GARHWA (JHARKHAND) INDIA

RAJESH KUMAR, Crop Improvement Division, Central Soil Salinity Research Institute, KARNAL (HARYANA) INDIA

SUSHIL KUMAR, Department of Agriculture Chemistry and Soil Science, Ch. Chotu Ram (P.G.) College, MUZAFFARNAGAR (U.P.) INDIA

Summary

In a field experiment, soil moisture, soil and nutrient losses, and surface runoff under differential topographical situations in plateau region of Garhwa was monitored and recorded. On an average, soil loss was 1.97 ± 0.19 , 8.91 ± 0.98 and 12.49 ± 1.22 t/ha, respectively, in don1, don 2 and don3 land features. Rainfall had significant positive ($p = 0.01$) correlation with soil and run off losses. Significant ($P = 0.05$) monthly variations were observed for soil loss in different don topographical features.

Key words : Plateau, Garhwa, Topography, Soil loss, Run off loss

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