

**Khybri, M.L., Prasad, S.N. and Sewa Ram. 1980.** Effect of loss of top soil on the yield of wheat. Abst. 59, National Symp. on "Soil Conservation and Water Management in 1980's", Dehradun, March 12-13, 1980: 42.

Effect of loss of top soil on the growth and yield of irrigated wheat (var. HD-1553) was studied on deep alluvial silt loam soils of Dehradun (U.P.) in *rabi* 1977-78 and 1978-79. Loss of top soil was accomplished manually by removing the soil in the plots (size 5m x 5m) uniformly at different depths. Uniform dose of fertilizer at 120 kg N, 60 kg P<sub>2</sub>O<sub>5</sub> and 40 kg K<sub>2</sub>O/ha was applied to all the treatments. There was a significant gradual reduction in the growth and yield of wheat with increasing depth of top soil removal. Yield of wheat grain decreased from 5421 kg/ha to 4297 kg/ha and straw from 8768 kg/ha to 7450 kg/ha from control and 30 cm top soil removal, respectively.