

paddy have been presented.

142. Bhardwaj, S.P., Khybri, M.L., Gupta, O.P. and Rai, R.N. 1979. Effect of atrazine application in maize on soil and water losses. *Indian J. Soil Conserv.* 7(1):5-9.

In a study undertaken at Dehradun to find out the effect of the use of atrazine as weedicid in maize on soil and water loss, it was indicated that atrazine when applied at the rate of 2 kg/ha (active ingredient) either as pre-planting or pre-emergence increased about 60% soil loss and 12% water loss over hand weeding. Erosion was slightly higher under pre-planting over pre-emergence. No residual effect of atrazine application on the yield of wheat was observed. The correlation coefficient between rainfall and runoff was high.