

1981. Bhardwaj, S.P. and Prasad, S.N. 1982. Direct and residual effect of zinc levels on maize-barley rotation in Doon Valley. *Indian J. Agric. Res.*, 16(3): 178-182.

Direct and residual effect of four levels of zinc sulphate viz. 0, 10, 20 and 40 kg/ha was studied on maize-barley-maize-barley (2 years) rotation. Twenty kg ZnSO₄ per ha gave an extra increase of Rs. 957 per ha from maize and the yield of first crop only was significantly higher over control in both the years. Zinc sulphate @ 24.4 kg/ha was found to be optimum by statistical analysis of response curve.