

**EFFECT OF MICRONUTRIENTS ON RICE YIELD WITH AND WITHOUT
LIME AND THEIR RESIDUAL EFFECT ON WHEAT YIELD IN ACID
SOIL OF KATHMANDU, NEPAL**

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ABSTRACT

Based on the micronutrients deficiencies especially boron, zinc and molybdenum in Nepal, the performance of different micronutrients such as boron, copper, iron, manganese, molybdenum and zinc on the yield of rice in the acid soil as well as lime amended soil of Kathmandu, Nepal and their residual effect on wheat were evaluated during summer, 1983 and winter, 1984 respectively.

A significant response of micronutrients on the grain yield of rice was obtained in the lime amended soil whereas significant response of these micronutrients were not observed in the acid soil of the same area. The residual effect of these micronutrients on the grain yield of the following wheat crop was not significant. However, the grain yield of wheat in the lime amended treatments were higher than the untreated treatments.