

# Variations of Rice Yield with Rainfall in Nepal during 1971 - 2000

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## **ABSTRACT**

This study attempts to show the relationship between rice yield and rainfall in Nepal during the period 1971-2000. During the period, there was a shortfall in rice production in almost 10 years showing the crucial relationship between rainfall and rice yield. The minimum deficit year accounts for 70,000 metric tons in 1997 compared to the previous year and maximum deficit accounts for more than 800,000 metric tons in 1982 compared to the previous year during the study period. In terms of monetary value, the deficit comes to US\$ 13 million and US\$ 120 million respectively during the minimum and maximum deficit years. Since rice occupies an important role in the national economy, a detailed study of rainfall and rice yield should be carried out.

*Key Words:* Rice yield, Rainfall, Nepal

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