

Climatic variability and rice-wheat productivity across the Western Development Region of Nepal using simulation technique

Kishore Sherchand

*Nepal Agricultural Research Council
Khumaltar, Lalitpur*

ABSTRACT:

Rice-wheat production system is considered the most important production system in Nepal. The CERES-Rice and CERES-Wheat model was calibrated and then validated using the experimental results of wheat Coordinated Varietal Trials (CVT) from various locations. The purpose of this study is to compare the precipitation anomaly and derive actual as well as potential yield and other parameters in relation to climatic variability across different altitude regimes of the Western Development Region of Nepal.
