

Agarwal, M.C., Nirmal Kumar and Puri, D.N. 1996. Relative

efficiency of Latin Square Design on natural grasslands in Agra ravines. *Ann. Arid Zone*, 35(2):137-142.

Relative efficiencies of various Latin Square Designs (LSDs) were worked out and compared with Complete Randomized Designs (CRDs) and Randomized Complete Block Designs (RCBDs) for various sizes and shapes of plots on natural grasslands of Agra ravines. The number of units required in CRD and RCBD taking rows as blocks or columns as blocks for obtaining the relative efficiency equivalent to that of 3x3, 4x4, 5x5 and 6x6 LSD were also evaluated and it was found that LSD was more efficient than CRD and RCBD for experimentation on natural grasslands having more than 10% slope in this region.