



## Performance of summer pearl millet (*Pennisetum glaucum* L.) based intercropping with legume crops in different row ratios under middle Gujarat conditions

K.N. PATEL AND A.C. SADHU\*

Department of Agronomy, B.A. College of Agriculture, Anand Agricultural University, ANAND (GUJARAT) INDIA

**Abstract :** The field experiment was conducted in summer, 2010 on loamy sand soil at Anand to study the comparative performance of different pearl millet based intercropping systems. Results revealed that pearl millet sole produced higher grain and straw yields of pearl millet, but intercropping of pearl millet + green gram at 1:2 row ratio recorded higher pearl millet equivalent yield, net return and benefit:cost ratio and it was found superior than sole pearl millet and intercropping of pearl millet with greengram, mothbean or cluster bean in different row ratios.

**Key Words :** Pearl millet, Row ratios, Legume

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