

345. **Prabhanjan Rao, S.B., Ramanath, B. and Sam, M.J. 1973.** Response of gram to fertilizer application in the black cotton soils of Bellary under dryland farming. *Mysore J. Agric. Sci.*, 7: 360-365.

A study conducted on Bengalgram in a split plot on deep black soils during the *rabi* season 1968-69 to 1970-71 indicated that variety Annigere-1 recorded 16.2 per cent and 31.7 per cent higher yields over B.G. 482 and Gwalior-2, respectively. The addition of fertilizers at higher dose, viz. N 30 kg and  $P_2O_5$  20 kg/ha resulted in higher number of branches and pods per plant, 100 grain weight and overall yields.