

Prasad, Arjun and Sam, M.J. 1990. Yield potential of different grain legumes in legume-sorghum cropping system. *Indian J. Soil Conserv.*, 18(1&2): 74-76.

Studies were undertaken at Bellary (Karnataka) to evaluate the performance of ten promising cultivars of four different grain legumes viz. greengram, blackgram, cowpea and soybean. The results indicated that out of 10 cultivars of different grain legumes, average maximum net return of Rs. 6,534/ha was recorded in cowpea var. C-152 followed by soybean var. Hurdle (Rs. 5,329/ ha). In case of sorghum, maximum net return of Rs. 8,949/ha was recorded when sorghum was sown after blackgram (T₉). The combined net return (Rs. 14,858/ha) and cost benefit ratio (4.28) were maximum in cowpea (C-152). Sorghum system of cropping proved best for the region.