

- 305. Mittal, S.P., Grewal, S.S., Agnihotri, Y. and Singh, Pratap. 1985. Economics of intercropping legumes in maize under rainfed condition. *Intern. J. Trop. Agri.* III(3): 187-191.**

A study was conducted for four years (1980-83) to find out yield, total production and net returns by growing legumes viz. blackgram, greengram, cowpea and groundnut as intercrop with maize at 60 cm spacing under rainfed condition. Mean maximum yield of maize (3362 kg/ha) was obtained when grown as pure crop at 60 cm spacing. All intercrops reduced maize yield. Amongst the intercrops, groundnut recorded the highest mean yield (686 kg/ha). The total production in terms of maize equivalent was the highest (4321 kg/ha) with groundnut and the least with cowpea (3044 kg/ha). Groundnut (Rs. 4456/ha) and black gram (Rs. 3915/ha) gave higher mean net returns while cowpea reduced net returns by 22% as compared to pure maize (Rs. 3551/ha) grown at optimum spacing of 60 cm.