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- Studies on tree crop association under agroforestry were taken up at Kota. Effect of a) Eucalvptus tereticornis planted over bunds on greengram, blackgram and sorghum in kharif and safflower and taramira in rabi and b) intercropping in Leucaena leucocephala (K-8) with sorghum, pigeonpea + sorghum and pigeonpea + blackgram were studied. Results of two years indicated that under Eucalyptus (plantation over bunds) sorghum in kharif and taramira in rabi were suitable, recording only 41 and 88% yield reduction from 0-2 m over 20-30 m away from trees than blackgram, greengram and safflower recording 92, 79 and 99% reduction in yield from 0-2 m over 20-30 m away. Adverse effect of

Eucalyptus on production of field crops was upto 10 m distance in *kharif* (42% reduction) and upto 20 m in *rabi* (70% reduction) due to competition for moisture and light. Another study on intercropping or field crops with *Leucaena leucocephala* showed possibility of getting substantial fodder yield along with field crops in 1981, when it rained only 456 mm.

getting substantial fodder yield alongwith field crops in 1981, when it rained only 456 mm against average rains of 737 mm. Pigeonpea + blackgram and pigeonpea + sorghum were successful intercrops, producing 1074 and 869 kg/ha, respectively. Sorghum was not successful mainly because of severe drought conditions.