Biological efficiency of intercropping in okra (*Abelmoschus esculentus* (L.)

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Abstract

An investigation to assess the feasibility of raising intercrops in association with okra was carried out at Vellanikkara during the *kharif* and *rabi* seasons of 2000. The results showed favourable land equivalent ratio (LER), land equivalent coefficient, area time equivalency ratio, aggressivity values and total biomass production for the intercropping treatments implying their intrinsic advantages over sole crops. LER was consistently greater than unity in all treatments; aggressivity values, however, showed that cowpea and amaranth were dominant over okra, while cucumber was dominated. Equivalent yield, total biomass production of okra and net returns were highest for the combination involving okra+cowpea at 60× 45cm spacing during both *kharif* and *rabi* seasons.

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