



Performance of intercrops and interception of photosynthetically active radiation (PAR) under tamarind based intercropping systems

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Abstract : Interception of photosynthetically active radiation (PAR) in tamarind (8 year old) based intercropping systems compared to sole cropping in open area was studied at Kittur Rani Channamma College of Horticulture, Arabhavi, Belgaum district, Karnataka. The interception of PAR by all the crops was higher under sole cropping throughout the stages of growth when compared to tamarind based intercropping system. At 120 DAP, turmeric intercepted the highest PAR (39622 lux) among sole crop followed by coleus (38346 lux). Similarly, under intercropping situation also, turmeric intercepted the higher PAR (30713 lux) followed by chilli (28864 lux).

Key Words : Photosynthetically active radiation, Intercropping, Tamarind

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