

Performance of ginger in tamarind plantation (as intercrop) compared to sole cropping (Ginger)

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ABSTRACT

A field trail was conducted on medium black soil during 2003-2004 to study intercropping of ginger in tamarind plantation compared to sole cropping under irrigated condition. The experiment was laid out in six years old tamarind plantation spaced at 6 X 6 m (as intercrop) with three replications. Interception of Photosyntheticall active radiation (PAR) by ginger crop at 150 days after planting (DAP) as intercrop in tamarind plantation was 25,229 lux compared to 31,643 lux in open area. Significantly higher numbers of rhizomes were recorded under intercropping compared to sole cropping. Ginger grown as intercrop in tamarind plantation recorded higher yield (173.89 g/ plant) compared to sole crop in open area (117.17 g/plant).

Key words : Ginger, Tamarind, Sole corpping, Intercropping