International Journal of Agricultural Sciences
Volume 9 | Issue 2| June, 2013 | 695-697

RESEARCH PAPER

Yield performance and economic of tamarind based intercropping systems under northern dry zone of Karnataka

B. ARUNKUMAR*, GURUPRASAD HIREMATH[1], VERESHKUMAR[2] AND N.K. HEGDE
K.R.C. College of Horticulture, ARABHAVI (KARNATAKA) INDIA
(Email : arunhortuasb@gmail.com)

Abstract : A field experiment was conducted to find out the suitable tamarind based intercropping systems under irrigated situation at Kittur Rani Channamma College of Horticulture, Arabhavi, Gokak, Belgaum (district), Karnataka. Eleven intercrops *viz.*, ajowan, ashwagandha, brinjal, carrot, chilli, coleus, garlic, ginger, lab lab bean, safed musli and turmeric were evaluated for their performance both under intercropping and sole cropping situations. The yield of the intercrops varied significantly between intercropping and sole cropping. Tamarind based intercropping system with safed musli recorded the highest net income (Rs. 3.152 lakh/ha) while the highest benefit cost ratio was obtained in tamarind + ginger cropping system (4.40) followed by tamarind + turmeric (2.49).

Key Words : Intercropping system, Yield, Tamarind, Economies

View Point Article : Arunkumar, B., Hiremath, Guruprasad, Vereshkumar and Hegde, N.K. (2013). Yield performance and economic of tamarind based inter cropping systems under northern dry zone of Karnataka. *Internat. J. agric. Sci.*, **9**(2): 695-697.

Article History : Received : 21.01.2013**; Revised :** 09.04.2013**; Accepted :** 10.05.2013

*** Author for correspondence (Presenet Address)** : Department of Horticulture, University of Agricultural Sciences, G.K.V.K., BENGALURU (KARNATAKA) INDIA
[1]Department of Genetics and Plant Breeding, University of Agricultural Sciences, G.K.V.K., BENGALURU (KARNATAKA) INDIA (Email : guruprasad4235@gmail.com)
[2]Department of Entomology, University of Agricultural Sciences, G.K.V.K., BENGALURU (KARNATAKA) INDIA (Email : veeresh@gmail.com)