

Intercropping in areca nut with vanilla under organic condition in Chikmagalore district of Karnataka, India

N. Kumara¹, S.N. Sachidananda² and B. Hanumanthe Gowda³

Received July 18, 2018 and Accepted September 10, 2018

ABSTRACT : Study was conducted during March 2013 to April 2014 in the areca nut garden of Mr. Nayak Ramaswamy, Survey No 45,47 Bannur Village Sakarayapatna Hobli Kadur Taluk of Chickmagalore district of Karnataka State, India. Study revealed that no significant differences were recorded in yield of areca nut in mono-cropping and inter-cropping system. Inter cropping of vanilla in areca nut plantations under organic system brought the benefit cost ratio for Areca nut farmers compared to farmers of Traditional mono-cropping system could get from Rs 2.04 to 1.45 in 2013-14 against the every rupee invested. Inter cropping of Vanilla with areca nut plantations will generate employment opportunities and improve the quality of rural life, apart from increasing the production of additional crops and employment potential.

Key Words : Vanilla (*Vanilla planifolia* Andrews), organic farming, inter cropping system, mono-cropping, areca nut, employment.