

## **Suitability of Different Organic manures in pot culture of okra and cabbage**

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**Abstract:** Quality and Healthy vegetables can be produced organically with minimal environmental pollution. Small scale organic farming in pots is much feasible in Jaffna. In order to find better organic potting materials to cultivate okra and cabbage, an experiment was conducted during August to December 2007. Three types of organic manures such as compost, farmyard manure and half of compost and farmyard manure combination were used as different treatments and the experiment was conducted in randomized complete block design with ten replicates. Growth and yield parameters were recorded in each crop. The results revealed that there was a significant different between treatments. Plant height and growth pattern of two crops varies among manure treatments. Okra performed well in compost, combination of compost and farmyard manure gave moderate yield and farmyard manure alone gave low yield. In cabbage, height of plant, number of leaves and yield were obtained in farmyard manure treatment. The growth differences in different growing media may be due to the different growth habit of root. Okra has deep rooting system than cabbage. Even though the average yield was low compared to conventional farming, these two crops such as okra and cabbage can be cultivated in pots by using compost and farmyard manure respectively.