

LONG TERM EFFECTS OF CULTIVATION AND MANURING ON COCONUT SOIL

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ABSTRACT

Under the climatic and soil conditions existing at the Central Plantation Crops Research Institute, Kasaragod, regular cultivation and manuring are necessary to increase and maintain the yield at a high level in coconut. Regular cultivation by itself is effective in increasing yields, even in the absence of manuring. Soil samples collected during six consecutive years were analysed for N, P_2O_5 , K_2O , CaO and MgO. Cultivation alone as well as cultivation and manuring increased the available P_2O_5 and K_2O in the soil in comparison with the uncultivated and unmanured plot.