ABSTRACT

This report deals with the soil and land resources of Thalakulathur panchayat of Kozhikode taluk of Kozhikode district. The report gives a detailed account of the general characteristics of the panchayat viz., area, soils, major problems and management requirements, interpretations and recommendations for various uses.

The panchayat is located near the northern boundary of Kozhikode taluk in Kozhikode district and covers an area of 1743 ha. The garden land occupies an area of 1229 ha with coconut as the major crop. Banana, vegetables, arecanut, cashew and fruit trees are the other garden land crops. Wetland covers an area of 349 ha, of which paddy is cultivated only in an area of 80 ha. The rest of the area is converted for cultivating crops like coconut, banana, arecanut etc. The soil series identified in the garden land are Beypore, Chaliar, Elathur, Kalarikkunnu, Kunnamangalam, Nanminda, Memmala and Thiruvampadi. The major portion of the garden land is under Nanminda series (425 ha) followed by Elathur series (328 ha). Chelapram(8ha) and Kakkodi series (341ha) represent the wetland soils.

Based on the characteristics of the soils four land capability classes such as II, III, IV and VI and five land irrigability classes viz. 2,3,4,5 and 6 were recognised. II is the predominant land capability subclass and 2t, the land irrigability subclass. Other interpretative studies like hydrologic grouping, Crop suitability, soil fertility and production potential of the soils were made. The main problems encountered in the panchayat are dealt with briefly. Interpretative maps are appended.