ABSTRACT

This report deals with the soil and land resources of Quilandy panchayat of Quilandy 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 about 30 kilometre north of Kozhikode district and covers an area of 2161 ha. The garden land occupies an area of 1293.2ha with coconut as the major crop. Banana, vegetables, arecanut, pepper and fruit trees are the other garden land crops. Wetland covers an area of 721.6 ha. Eleven soil series are identified in the panchayat. The major portion of the garden land is under Kunnamangalam series. Kizhakkumuri represent the major wetland soils.

Based on the characteristics of the soils, land capability classes such as IIw, Ile, Ile, Iles, IVe, IVes and VIe and land irrigability classes viz. 2d, 2s, 2t, 3t, 3st, 4t, 4ts, 6t and 5t were recognised. IIw is the predominant land capability subclass and 2d 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.