ABSTRACT

This report deals with the soil and land resources of Beypore 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 southern boundary of Kozhikode taluk in Kozhikode district and covers an area of 1072 ha. The garden land occupies an area of 772 ha with coconut as the major crop. Banana, vegetables, arecanut, pepper and fruit trees are the other garden land crops. Wetland covers an area of 193 ha, of which paddy is cultivated only in an area of 10 ha. As the panchayat is bounded on the western side by the Arabian sea and southern side by the Chaliar river, fishing is one of the major sources of livelihood. The soil series identified in the garden land are Beypore, Chaliar, Elathur, and Thikkodi. The major portion of the garden land is under Elathur series (505 ha). Kizhakkumuri represent the wetland soils.

Based on the characteristics of the soils, land capability classes such as IIw, Ile, IIws, and IIs and land irrigability classes viz. 2d, 2ts, 2s, 2t and 2ds were recognised. Ile 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.