ABSTRACT

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

Poonjar panchayat extents over an area of 1952 ha. in Meenachil taluk of Kottayam district. Rubber is the major crop in this tract. During the detailed soil survey, six soil series are identified in the dry land and one in wet land of the panchayat. The dry land series are Lakkattoor, Palackattumala, Paippara, Uzhavoor, Thalunkal and Parampuzha series. Palackattumala series cover the maximum area of 635 ha.

Three land capability and three land irrigability classes are encountered in the panchayat. The major land capability class is IV e and land irrigability class is 4t. Soil erosion is the main soil problem affecting this panchayat due to highly undulating and rolling topography. The information provided in this report includes location specific problems and their management for integrated development of the panchayat.