Abstract

Thalappalam panchayat extents over an area of 2273 ha. in Meenachil taluk of Kottayam district. Rubber is the major crop in this tract. During the detailed soil survey, five soil series are identified in the dry land and one in wet land of the panchayat. The dry land series are Lakkattoor, Palackattumala, Paippara, Kurichithanam and Parampuzha series. Palackattumala series cover the maximum area of 792.52 ha.

Marady series is the only wetland series and occurs in an area of 1.46 ha only. Paddy cultivation has become very rare in the panchayat. Most of the wetland area is converted for other purposes and includes an area of 31.94 ha under miscellaneous soils.

Four land capability and six land irrigability classes are encountered in the panchayat. The major land capability class is IV e and land irrigability class is 5t. 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.