Abstract

Detailed soil survey of Melukavu panchayat was carried out to undertake a resource inventory of the tract with special emphasis on soil aspects. Melukavu panchayat extends over 2864 ha in Meenachil taluk of Kottayam district.

Rubber is the major crop in the panchayat. Nine soil series and one miscellaneous soil are identified in the panchayat. Kudayathur, Peringalli, Melukavu, Paippara, Kurichithanam, Lakkattur and Vallichira are observed in the garden land and Poonchira series in the valley portion.

Five land capability subclasses and six land, irrigability subclasses are encountered in the panchayat. The predominant land capability subclass is VI es and land irrigability subclass is 6st. This report gives an overall view of the soil and land resources of the panchayat and outlines the suggestions to improve the agriculture and allied activities for sustainable development of the area.