Abstract

This report deals with the soil and land resources of Kadaplamattom panchayat of Meenachil taluk of Kottayam 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.

Kadaplamattom panchayat extends over 2202 ha. Soil Survey of this panchayat was undertaken during the period from October 1994 to December 1994, with a view to collect resources data with special emphasis on soil aspects. These were then classified and interpreted to arrive at location specific soil, land and water management suggestions for the integrated and sustainable development of the panchayat. Five soil series identified in the panchayat are Lakkattoor Vallichira, Uzhavoor, Pampady and Kozha series. Lakkattor soils cover the maximum area. Seven land capability and land irrigibility classes are encountered in the panchayat. The major land capability subclasses is IV e and land irrigibility sub class is 4t Relevant maps on soil, land capability and land irrigability, soil conservation priority, fertility status and crop suitability have been prepared and appended.