ABSTRACT

Soil and land resource inventory of Chirakkadavu panchayat was undertaken by the Soil Survey wing of the Department of Agriculture during 2005 to assess the resources of the area, to identify the problems and to suggest suitable development programmes for sustained and integrated development of the area.

Chirakkadavu panchayat extends over 3916 ha. in Kanjirapally taluk of Kottayam district. Soil Survey of this panchayat was undertaken during May 2005 with a view to collect resource 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 Chirakkadavu, Kooropada, Elikkulam, Anikkadu and Lakkattur series. Among these Lakkattur soils cover the maximum area.

Seven land capability and eight land irrigability classes are encountered in the panchayat. The major land capability subclass is IV e and land irrigability subclass is 4t. Relevant maps on soil, land capability and land irrigability, soil conservation priority, and fertility status have been prepared and appended.