ABSTRACT

Different types of soil surveys are carried out in the state for providing basic data to the user agencies, which could be interpreted to various soil based uses. Kidangoor panchayat extends over 2512 ha in Meenachil taluk of Kottayam district. Soil Survey of this panchayat was carried out during August 1994, 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. Eight soil series identified in the panchayat are Lakkattoor, Vallichira, Pampady, Anikad, Chemplavu, Kozha, Parampuzha and Marady series. Pampady soils cover the maximum area. Five land capability and land irrigability classes are encountered in the panchayat. The major land capability subclass is IV e and land irrigability 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.