Abstract

This report deals with the soil and land resources of Kayakkodi panchayat of Vatakara taluk of Kozhikode 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.

Kayakkodi panchayat extends over 2819 ha in Vatakara taluk of Kozhikode district. Coconut is the major crop grown in the panchayat. Thirteen soil series identified in the panchayat are Kunnamangalam, Memmala, Sivapuram, Nadapuram, Nanminda, Tanneramala, Adivaram, Thiruvampady, Vayad, Koorachundu, Kakkayam, Kunduthode and Sankarampuzha. Memmala soils cover the maximum area 822.5 ha. Five land capability and five land irrigability classes are encountered in the panchayat. Class IV e is the predominant land capability subclass. The major land irrigability class is class 3t.

In general, soils of the panchayat have medium nitrogen, low phosphorus and potassium. Relevant maps on soil, land capability and land irrigability and soil conservation priority have been prepared and appended.