ABSTRACT

Detailed soil survey of Sreekandapuram Panchayat in Taliparamba taluk of Kannur District was undertaken with a view to assess the resource status of the Panchayat for integrated development. The report provides a detailed account of the general characteristics of the Panchayat, description of various soils, their problems and management requirements, interpretations and recommendations for various uses etc.

The Panchayat extends over an area of 6870 ha. Rubber is the major crop, followed by, coconut cashew and arecanut. The main wetland crop is paddy. Eleven soil series have been identified in the Panchayat. They are Arathil, Edanad, Kakkode, Kolikkadavu, Pilathara, Chittady, Pudukai, Narikkot, Sreekandapuram, Ulleri and Vayalapra. Six-land capability classes and five-land irrigability classes have been derived. Soil unit-wise crop suitability classification has also been arrived at. Fertility studies have been undertaken by collecting surface soil samples from suitable locations. The soils were also grouped in to various hydrologic groups. The general problems and suggestions with respect to soils have been discussed in detail. Soil taxonomic classification and soil series description are also appended. Soil, land capability and irrigability map and related maps are also prepared and attached with the report.

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