Abstract

During 1999, detailed soil survey of Kakkodi panchayat in Kozhikode district was undertaken. This panchayat has an area of 1859 Ha and is located on the northern side of Kozhikode taluk. Garden land comprises about 75% of the total area (1076.54 ha); the rest is wet land (617.02 ha) and miscellaneous land (165.44 ha). Coconut and arecanut are the major crops grown in the garden land. Paddy is cultivated in land with an area of 62.4 ha only. Pepper, banana, vegetables, tuber crops etc. are the other crops grown.

Nine soil series are seen here, viz., Chaliar, Chelapram, Kakkodi, Kalarikunnu, Kizhakkumuri, Kunnamangalam, Memmala, Nanminda and Sivapuram series. The predominant land capability classes are IIw and IIIe and land irrigability classes are 2t and 2d. The main problems encountered in the panchayat and suggestions to overcome those are detailed in the report. Land capability classification, land irrigability classification, crop suitability, soil fertility status and hydrologic grouping studies are conducted in the report. Various interpretative maps are appended.