ABSTRACT

This report deals with the soil and land resources of Kasargod municipality in Kasargod taluk of Kasargod district. The report gives a detailed account of the general characteristics of the municipality viz., area, soils, major problems and management requirements, interpretations and recommendations for various uses. Kasargod municipality is located south west of Kasargod taluk and comprises an area of 1669.5ha. Wet land covers an area of 296.25 ha and an area of about 294 ha is put under paddy. The garden land occupies 993.80ha and coconut is the major crop. Banana, pepper, tapioca, vegetables etc are grown as intercrops in coconut gardens. Cashew occupies about 162 ha in the municipality.

Based on the detailed soil survey seven soil series were identified in the municipality. The soils identified in the garden land are Perumbale(333.50ha), Mogral(387.50ha), Hosdurg(157.50ha) and Kudlu (147.50ha). The wet lands comprise of Nileswaram(168.75ha) and Tekkila series(127.50ha). Six land capability classes, namely, Iw, Ile, Ils, Ile, Iles and IVes and ten land irrigability classes, namely, 2d, 2s, 3t, 3st, 3ts, 4s, 4ts, 5t, 5ts and 6ts were identified in the area. Other interpretative studies like crop suitability and soil fertility of the soils were made. In general the soils of the municipality are low to medium in nitrogen, phosphorus and potassium. The information provided in the report include location specific problems and their management practices for the integrated development of the area. Interpretative maps are appended.