ABSTRACT

This report includes an assessment of the soil and land resources of Ambalapuzha south panchayat and presents their characteristics along with an evaluation of their limitations and managerial requirements for sustained use.

Ambalapuzha South panchayat is situated in the Ambalapuzha Taluk of Alapuzha district. It covers an area of 1215ha. Garden land occupies 465ha and wetland comes to 750ha. Soil series identified in garden land are Punnapra and Kavur and that in the wetland are Ambalapuzha, Champakulam, Ramankary and Thottapally. Reclaimed lands occupy 48ha in the panchayat.

Coconut and Cashew are the major garden land crops. Root (wilt) and Mandari are the common diseases noticed in coconut in the area. Flooding is the major problem in the wetlands. A second crop of Paddy is raised in some areas. Paddy is mostly cultivated as Puncha crop.

Land capability classes identified in the area are III and IV. IVw is the major land capability subclass and 3d is the major land irrigability subclass.

Interpretative maps like soil, land capability and land irrigability are included in this report. The report provides information on specific problems and their management for an integrated development of the panchayat.