ABSTRACT

Soil and land resource inventory of Azhoor panchayat was undertaken by the Soil Survey wing of the Department of Agriculture to assess the resources of the area, to identify the problems and to suggest suitable development programmes for sustained and integrated development of the area. It is located in Chirayinkeezh Taluk of Thiruvananthapuram District and extends over 1246 ha. The panchayat lies in coastal and mid land region. The major crops in the panchayat are coconut, tapioca, banana and vegetables.

During the course of soil survey nine soil series were identified viz; Thonnakkal, Vellayani, Poovar, Chirayinkil, Neyyattinkara, Pangappara, Marukil, Trivandrum and Kazhakuttam Series. Thonnakkal series extends over the major area. The soils of Azhoor panchayat are classified into three land capability classes and four land irrigability classes. The predominant land capability class is IVe and land irrigability class is 5t. Interpretative studies include crop suitability, production potential, hydrologic grouping etc. Various interpretative maps viz; soil and land capability and irrigability map, soil conservation priority map, proposed land use map etc. are appended.