ABSTRACT

The soil and land resources report of Veeyapuram panchayat gives a detailed account of the general characteristics of its area, soils, major problems and management requirements, interpretations and recommendations for various uses.

The panchayat spreads over an area of 1394 ha and is located in the north eastern part of Karthikapally taluk in Alappuzha district. The garden land covers an area of 241ha and is cultivated with coconut, tapioca, banana, vegetables etc. Wetland covers an area of 1038 ha, of which paddy is cultivated. The soil series identified in the panchayat are Champakulam, Ramankary and Pallipad ‘A’. Pallipad ‘A’ occupies the garden land (241ha).

Based on the characteristics of the soils, three land capability classes such as II, III and IV and three land irrigability classes viz. 2, 3 and 4 were recognised. IVw is the predominant land capability subclass and 4d the land irrigability subclass. Other interpretative studies like hydrologic grouping, crop suitability, soil fertility and production potential of the soils were made. The main problems encountered in the panchayat are dealt with briefly. Interpretative maps are appended.