ABSTRACT

This report deals with the soil and land resources of Bedadka panchayat of Kasargod taluk of Kasargod district. The report gives a detailed account of the general characteristics of the panchayat viz., area, soils, major problems and management requirements, interpretations and recommendations for various uses.

The panchayat is situated in the southern part of Kasargod taluk and covers an area of 8524.03ha. The garden land occupies an area of 1585ha. Areca nut, cashew, coconut and paddy are the major crops. The wetland covers an area of 181.12ha. Low lands and valleys in between hillocks are cultivated with paddy, arecanut, banana, etc. Midlands are cultivated with coconut, pepper etc and hilly areas where water scarcity is experienced are cultivated with cashew. Ten soil series have been identified in the panchayat.

Based on the characteristics of the soils six land capability classes such as II, III and IV, VI, VII and VIII and five land irrigability classes viz. 2, 3, 4, 5 and 6 were recognised. VIe is the predominant land capability subclass and 5t, the land irrigability subclass. Other interpretative studies like hydrologic grouping, crop suitability and fertility of the soils were made. The main problems encountered in the panchayat are dealt with briefly. Interpretative maps are appended.