

# Characterization of Soil Quality Physical and Chemical Criteria Around Thirumangalam Area

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**Abstract:** Soil plays a crucial role in agriculture and building construction. Soil has different physical and chemical properties. The study of physical and chemical parameters of soil sample in Thirumangalam are were analyzed and this study reveals that the soil sample in that area is suitable for growing agricultural crops like Aloe vera, Cabbage, Garlic, Onion, Celeriac, Brussels sprout, Broccoli etc... and has low range of heavy metals.

**Keywords:** Chemical and Physical parameters, Agricultural lands