

Physicochemical Parametric Study of Soil Quality from Jalgaon District Chalisgaon Region

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Abstract: Soil is one of the essential components which require for the healthy growth of a plant. Various types of nutrients, minerals and micronutrients required for growth and metabolic activities of plant which get fulfilled from a soil. With continual cultivation of crops and adversative practices, quality of soil get dropped so there is need of parametric investigation of soil with regular interval of time. The present study is based on the samples of soil collected from farms of some selected villages of Chalisgaon tehsil, Jalgaon district. We conducted analysis of the collected soil samples using physico-chemical important parametric studies like colour of soil, measure of pH, measure of electrical conductivity (EC), percentage of organic carbon (O.C.), presence of (N-P-K) i.e., Nitrogen-Phosphorus-Potassium. This study helps to determine the composition of soil as well as able to find out deficient.

Keywords: Soil, physicochemical parameters, nutrient, analysis, deficiency.

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