



Role of soil microfauna and microflora in agriculture

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Abstract : Microbial biomass in the soil contains millions of soil organisms is the living part of organic matter in the soil. The microbial biomass mainly consists of bacteria and fungi, which has active and inactive parts. Some of which are very beneficial to the soil include bacteria and fungi for maintenance of fertility. Apart from these, earthworms, nematodes, protozoa and different arthropods also remain as inhabitants in the soil. The soil contains millions of micro-organisms which are dominated by bacteria and fungi. Bacteria and fungi are associated with crop health problems. Bacteria and fungi are a necessary part of the ecosystem and help with the availability of plant nutrients and plant health. By building up soil organic matter it will increase plant nutrient availability, water-holding capacity and improves soil structure. Management of soil organic matter is, therefore, a major part of the general farm practices.

Key Words : Biomass, Micro-organisms, Soil

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