

EFFICIENCY OF UNTREATED AND TREATED DAIRY EFFLUENT ON PHYSICO-CHEMICAL PROPERTIES OF THE SOIL

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Abstract : Samples of untreated and treated dairy effluent were collected from Parag milk plant, Meerut. Three concentrations (25, 50 and 100%) were used in this study. Tap water served as control. It was observed that soil pH decreased non-significantly in all the treatments with effluent application as compared to control. However, Nitrogen, Phosphorus and Potassium content of the soil increased significantly. Thus soil fertility improved in Integrated Nutrient Management System (I.N.M.S.) and agro-ecosystem.

Keywords : *Brassica juncea*, Meerut, Nitrogen, Phosphorus, Potassium

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