

ANALYTIC STUDY FOR SOIL FERTILITY IN DIFFERENT SOIL SAMPLES IN SULAYMANI

CHRO K. SALIH

Lecture, Department of Mathematics, Faculty of Science and Education Science,
School of Education Science, Sulaimania University, Iraq

ABSTRACT

Seven representative soil samples were collected from different regions in Sulaimani governorate namely Kalar, Penjwen, Chwarta, Ranya, Qaradagh, Chamchamal and Bakrajo, representing different climatic regions. The samples were subjected chemical, physical and microbiological analysis, *Azotobacter* bacteria were isolated from collected soil samples, to know which soil is more fertility. The experiment carried out in Completely Randomized Design (CRD) with three replications. Duncan's multiple test were used to comparison among the means.

Data Specification

The data used in this study was achieved from the department of biology college of science in the University of Sulaimani by using SPSS package.

KEYWORDS: Complete Randomized Design, ANOVA Table, Duncan's Test