

DEPARTMENT OF CHEMISTRY

Soil Analysis at Kollavaripalem Village

Date: 16.12.2017

Title of the Practice: Soil analysis at Kollavaripalem village

Objective:

To estimate the nutrient status of the soil and to determine the accurate amount of nutrients to be applied for a particular soil in order to avoid excessive fertiliser application and bring down the expenditure on fertilisers. To bring awareness about importance of soil and water testing among the farming community for increased yields.

Context:

Soil and water are the greatest natural resources hence it is more important to study, analyse and effectively manage the soil. In view of this a greater importance has been attached for the management of soil by the way of analysis there by contributing increased productivity in modern agriculture.

The Practice:

The soil testing programme involved the following steps.

1. Collection of soil samples
2. Chemical analysis of samples
3. Calibration and interpretation of the results of chemical analysis
4. Recommendations

Evidence of success:

The farmers came to know about the fertility status of the soil and also the quantity of fertilisers to be used depending upon the status of the soil.





