



1. The Kenya Forestry Research Institute Laboratories are mandated to give services to other programmes within and outside the Institute. The laboratory information services carryout the following activities

- a) Soil and plant tissue chemical analysis. Soil physical analysis.
- b) Surveys for agroforestry and forestry and other related research activities in high, medium and low potential areas of Kenya.
- c) Soil fertility, plant nutritional tests from farms, plantations, horticulture and floriculture establishments etc.

The services are offered to KEFRI project programmes and centres. Educational institutions, farmers, community based organisations and private sector on a cost recovery basis. This is due to the high cost of laboratory inputs, servicing and maintenance of equipment and instruments. The Kefri facilities are situated at Muguga about 22 Kms from the City Centre. The laboratories are made up of Biotechnology, Pathology, Entomology and Soils laboratories with all the necessary amenities.

Equipment

Kenya Forestry Research Institute is well equipped with specific equipment that are used for routine and special analysis.

2. SOIL ANALYSIS

(a) Chemical analysis	Kshs
1. pH and EC each	80.00
2. Total Nitrogen	300.00
3. Organic carbon	300.00
4. Phosphorus (Olsen)	300.00
5. Phosphorus (Bray)	300.00
6. Exchangeable bases	
(each) (K, Ca, Mg, Na)	200.00
7. Micronutrients	
(Mn, Fe, Cu, Zn) each	100.00

8. Nitrogen/Carbon (N/C)	600.00
9. Nitrates	300.00

3. SOIL PHYSICAL ANALYSIS

	Kshs
1. Processing (sample pre-treatment)	70.00
2. Moisture content	70.00
3. Texture analysis	200.00
4. Bulk density	200.00
5. Porosity	200.00
6. Particle size density	200.00
7. Water holding capacity	200.00

4. PLANT TISSUES/LITTER/MANURE

1. Sample grinding	90.00
2. Macronutrients P, K, Na, Mg, Ca (each)	200.00
3. Total Nitrogen	300.00
4. Micro-nutrients (Fe, Zn, Cu, Mn) (each)	300.00
5. Organic matter	300.00

5. SPECIAL ANALYSIS

(a) Heavy metals	Kshs
Cadmium (Cd)	500.00
Lead (Pb)	500.00

(b) Special Trace elements	Kshs
Molybdenum (Mo)	500.00
Boron (B)	500.00
Aluminium (Al)	

6. FARM VISITS

Transport provided	=	1,500.00
Transport not provided	=	2,500.00

7. OTHER CHARGES

Report re-production cost at 30.00 per page.

NB.

The charges attached to this schedule are subject to revision from time to time as need may arise.