

## Soil and Plant Analytical Laboratory

The soil and plant analytical laboratory provides support service to the department of Agricultural Research, farming community, and other government departments.

The laboratory's mandate is to provide analytical services on agricultural and related materials (soils, animal feeds, plants, fertilizers and irrigation water). To submit sample (s) for analysis, the customer has to complete a sample information form. Form 1 is for soil and fertilizer, and form 2 is for plants and animal feeds.

The charges for sample analysis are as indicated in Table 1 for soils analysis and Table 2 plants analysis.

Table 1: Cost for Soil and Fertilizer Analysis per sample

Analysis	Price (P)
Calcium	57.10
Magnesium	53.05
Phosphorus	21.35
Potassium	45.85
Sodium	45.85
Copper	48.15
Iron	48.15
Manganese	48.85
Zinc	47.40
Cation Exchange Capacity	84.25
PH	36.10
Organic Carbon	66.80
Particle Size	859.90
Electrical Conductivity	36.00

Table 2: Cost for Animal Feed and Plant Herbage analysis per sample

Analysis	Price (P)
Calcium	85.45
Magnesium	85.55
Phosphorus	78.30
Potassium	84.55
Sodium	85.00
copper	90.40
Iron	91.45
Manganese	91.30
Zinc	91.25
Nitrogen(Crude Protein)	74.95
Crude Fibre	77.45
Acid Detergent Lignin	30.50
Nutral Detergent Fibre	39.80
Crude fat	68.25
Dry matter	53.30
Ash	53.70
Organic Matter	50.80
In Vitro digestibility	146.00
NDF Nitrogen	114.75
Acid Detergent Fibre	25.75