

Analytical Testing of Soil, Plants, Fertilisers, Water and Animal Feeds

Overview

Analytical services are provided on agricultural and related materials (soils, animal feeds, plants, fertilisers and irrigation water).

Who is eligible?

- Researchers.
- Subsistence farmers.
- Commercial farmers.
- Young farmers.
- Parastatals.
- Other government departments.
- Private agencies.

How do I get this service?

- Complete [Soil sample submission form](#) for soil and fertiliser samples.
- Complete [Plant sample submission form](#) for plant and animal feed samples.
- Submit samples with the relevant completed application form to the laboratory for testing. (See address below).
- After evaluation of the test results, a report will be dispatched to the applicant in the form of a report.
- If required, the test results can be explained to applicants by a laboratory officer.

What supporting documents are required?

- Certified copy of Valid National Identity Card (Oman).
- Young farmers need to produce a letter (confirming that they are the youth in that district) written by the District Agricultural Office.

How long will this service take?

Fourteen to Twenty-one (14 to 21) working days.

How much does it cost?

Table 1: Cost for Soil and Fertiliser Analysis per sample

Analysis	Price (BWP)
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 sample

Analysis	Price (BWP)
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

Where can I obtain this service?

Visit the nearest [District Crop Production Office](#) and [District Animal Production Office](#).

Opening hours: 07:30 to 12:45 then 13:45 to 16:30, Monday to Friday except public holidays.

Where can I get more information on this Service

The Coordinator
Soil and Plant Analytical Laboratory
Department of Agricultural Research
Private Bag 0033.
Gaborone,

Botswana.

Tel. (+267) 3668100 ext.: 8136/43/48

Fax. (+267) 3928965

Call Centre: 17755

Email. moa17755@gov.bw