

# Spotlight on Agriculture

No 23

Ministry of Agriculture,  
Water and Rural Development  
Directorate of Agriculture Research and Training  
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## Agriculture Laboratory

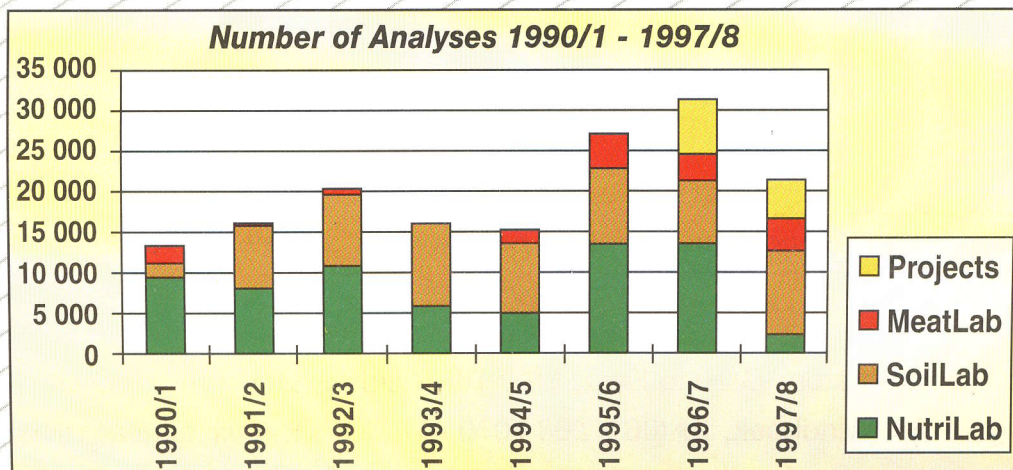
### QUALITY CONTROL

The Agriculture Laboratory is a member of the Agri-Laboratory Association of Southern Africa (AgriLASA), and participates in their Quality Control Scheme

The Agriculture Laboratory of the Ministry of Agriculture, Water and Rural Development is a service laboratory for the agricultural industry of Namibia. Chemical, biochemical and physical analytical services are provided for both the agronomy/horticulture and livestock sectors.

### THERE ARE SEVERAL SECTIONS:

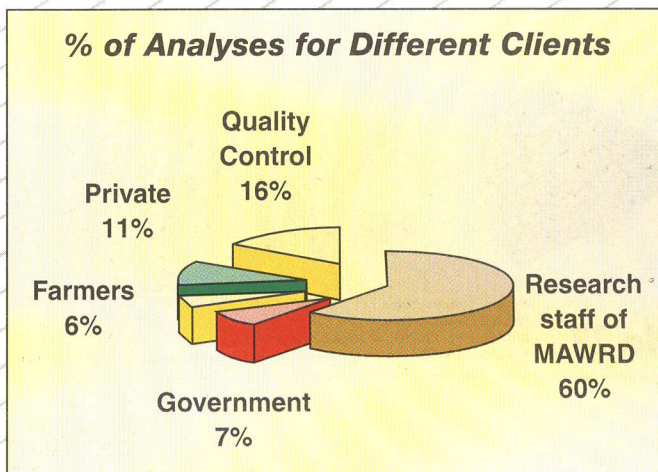
- **NUTRITION LABORATORY** - Animal nutrition e.g. feed, lick and faeces analyses
- **SOIL LABORATORY** - Plant nutrition e.g. soil and leaf analyses
- **MEAT LABORATORY** - For MAWRD Research Projects e.g. meat analyses, carcass measurements
- **RADIO-ISOTOPE LABORATORY** - For MAWRD Research Projects e.g. measuring progesterone in milk, using Radio-Immuno Assay Techniques
- **PHYSIOLOGY LABORATORY** - For MAWRD Research Projects e.g. measuring metabolites in blood serum







The Nutrition and Soil Laboratories support numerous research and development projects for other government agencies, non-governmental organisations and academic institutions. Samples are also received from private companies and individuals. The main clients of the Agriculture Laboratory are researchers from the Directorate of Agricultural Research and Training of the Ministry.



### THE AGRICULTURE LABORATORY OFFERS SEVERAL PACKAGES:

- **STANDARD FARM SOIL ANALYSIS** - for fertility assessment and fertiliser recommendations
- **SALINITY AND SODICITY ASSESSMENT** - for soils high in soluble salts or likely to be irrigated with saline water
- **SOIL CHARACTERISATION** - for soil mapping and description
- **MANURE ANALYSIS** - for fertiliser purposes
- **PLANT LEAF TISSUE ANALYSIS** - for nutrient diagnosis
- **FEED ANALYSIS - SCIENTIFIC** - for nutritional research, plant composition and quality control
- **FEED ANALYSIS - SCIENTIFIC PLUS** - as above, with combinations of additional analysis
- **FEED ANALYSIS - GENERAL** - for feed registration, legal claims, feeds, licks and plants
- **FEED ANALYSIS - GENERAL PLUS** - as above, with combinations of additional analyses
- **MINERAL LICK ANALYSIS**
- **FAECES ANALYSIS** - for animal nutrition purposes

In addition to these standard packages, all analyses can be requested separately. It is, however, recommended that clients rather choose the appropriate package, to ensure that all analyses needed for a particular diagnosis or recommendation are included.

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**Price lists and advice on sampling procedures are available on request**

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