BIGWA FARM
AGRICULTURE SERVICES

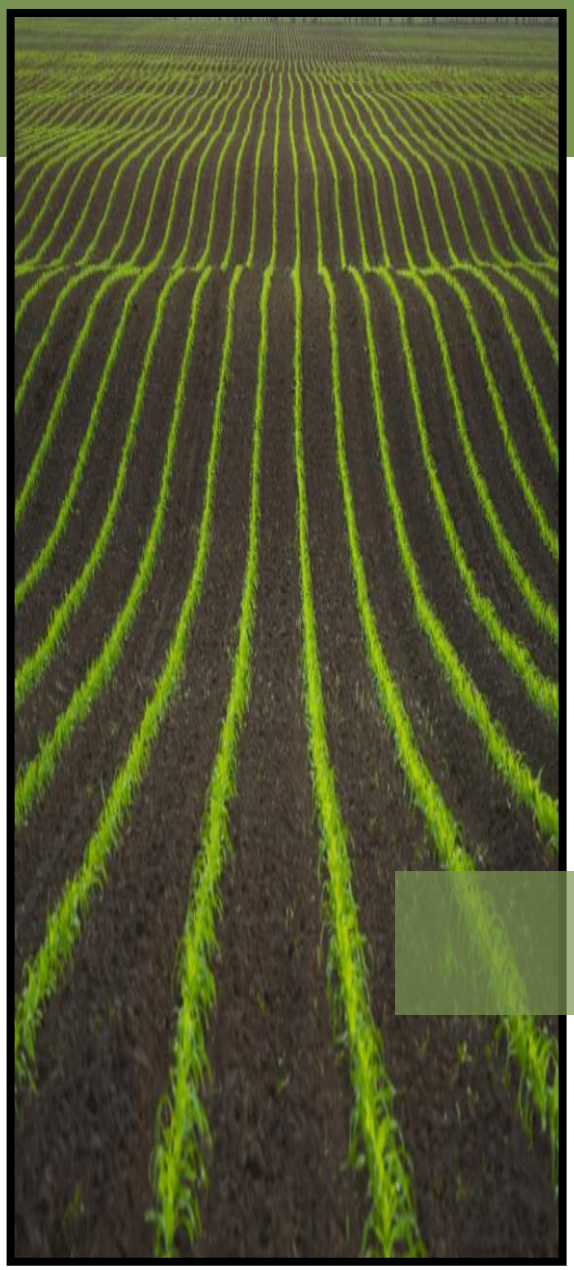
SOIL ANALYSIS

FERTILIZATION

&

MANAGEMENT

ADVISORY



BIGWA FARM LTD AGRICULTURE SERVICES

BIGWA FARM
AGRICULTURE SERVICES

Fertilization & Management Advisory

We offer soil analysis to optimize production while efficiently managing your resources. Regular soil testing enables the early detection of harmful soil conditions such as acidity and salinity build-up, nutrient imbalances and overloads, and the depletion of organic matter. It is thus a cornerstone of sustainable farming.

What we Offer

Soil samples are analyzed with the following values pH (water), Organic Carbon, Total Nitrogen, Phosphorus (M3), Potassium (exch.), Clay, Cation Exchange Capacity and Soil Moisture.

Result & Recommendations

01. Soil Fertility Status **02.** Actual Nutrient Needed **03.** Soil Correction Plan **04**. Suitable Crop Types

Sample Report Enclosed

A sample report is enclosed for your ready reference. - See page 3.

Delivery Time

Results will be delivered within 48 hours of soils samples reaching our laboratory.

Price List

Soil laboratory analysis costs per parameter per sample

S/No.	Activity/Analysis	(Tshs)
01	Sample Preparation	2,000
02	Particle Size Analysis	5,000
03	Organic Carbon	4,000
04	Total Nitrogen	8,000
05	Ph	2,000
06	Electrical Conductivity (EC)	1,000
07	Cation Exchange Capacity (CEC)	10,000
08	Exchangeable Bases (Na, K, Mg, Ca)	16,000
09	Available Phosphorus	5,000
	TOTAL	53,000

Soil analysis cost for complete fertility analysis is 53,000/- as described in the table above Results within 48 Hours - guaranteed.

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Sample Report

Fertilization and Management Advice

No Client -

User : Onno Beemsterboer (0624209111)

-6.817486, 39.285607

General Information

Sample Number : 1231346 | Date : 2024-10-17 | Field Size : 1 ha | Soil Texture : Sandy Loam

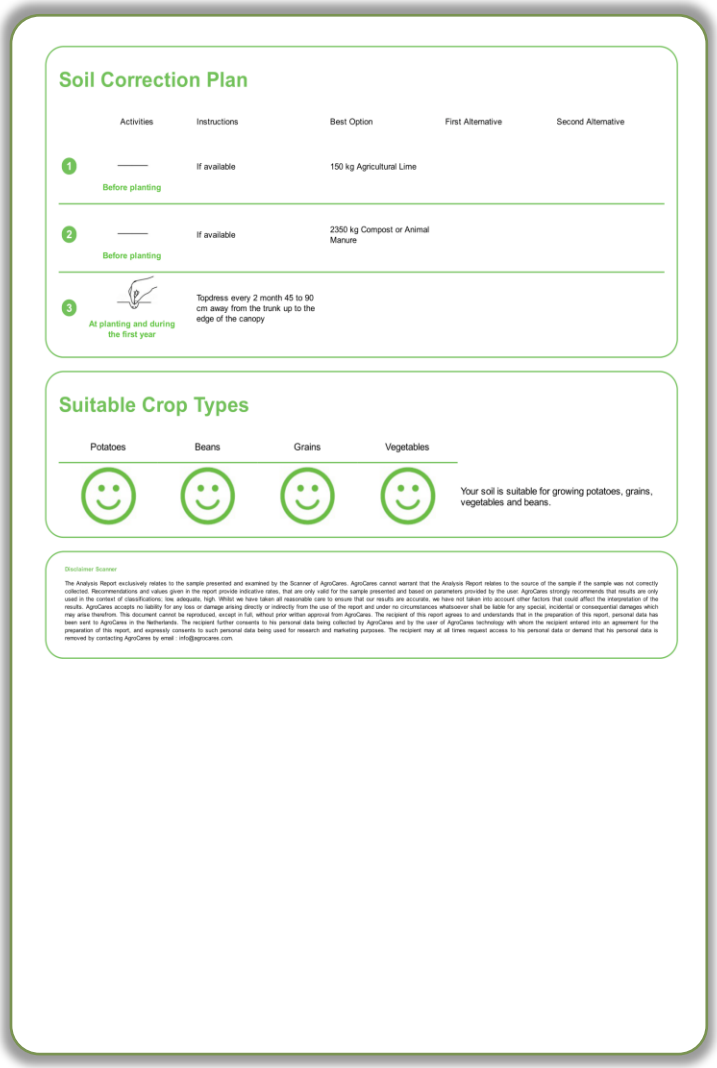
Field Name : No Field | Crop Name : Mango | Target Yield : 2600 kg

Soil Fertility Status

Soil Fertility Status

Parameter	Unit	Analysis Result	Range Low	Range High	Low	Adequate	High
pH (water)	pH Value	6.3	6.0	7.2		■	
Organic Carbon	g/kg	12.3	17	50	■		
Total Nitrogen	g/kg	Adequate	1	2		■	
Phosphorus (M3)	mg/kg	High	20	40			■
Potassium (exch.)	mmol+/kg	High	1.5	3			■
Clay	%	18	20	40	■		
Cation Exchange Capacity	mmol+/kg	74	75	200	■		
Soil moisture	%	6.9	10	30	■		

Actual Nutrient Need



Soil Correction Plan

	Activities	Instructions	Best Option	First Alternative	Second Alternative
1	Before planting	If available	150 kg Agricultural Lime		
2	Before planting	If available	2350 kg Compost or Animal Manure		
3	At planting and during the first year	Topdress every 2 month 45 to 90 cm away from the trunk up to the edge of the canopy			

Suitable Crop Types

Potatoes | Beans | Grains | Vegetables

Your soil is suitable for growing potatoes, grains, vegetables and beans.

Disclaimer Scanner

The Analysis Report exclusively relates to the sample presented and examined by the Scanner of AgroCares. AgroCares cannot warrant that the Analysis Report relates to the source of the sample if the sample was not correctly collected. Recommendations and values given in the report provide indicative rates, that are only valid for the sample presented and based on parameters provided by the user. AgroCares strongly recommends that results are only used in the context of classifications; low, adequate, high. Whilst we have taken all reasonable care to ensure that our results are accurate, we have not taken into account other factors that could affect the interpretation of the results. AgroCares accepts no liability for any loss or damage arising directly or indirectly from the use of the report and under no circumstances whatsoever shall be liable for any special, incidental or consequential damages which may arise therefrom. This document cannot be reproduced, except in full, without prior written approval from AgroCares. The recipient of this report agrees to and understands that in the preparation of this report, personal data has been sent to AgroCares in the Netherlands. The recipient further consents to his personal data being collected by AgroCares and by the user of AgroCares technology with whom the recipient entered into an agreement for the preparation of this report, and expressly consents to such personal data being used for research and marketing purposes. The recipient may at all times request access to his personal data or demand that his personal data is removed by contacting AgroCares by email : info@agrocares.com.

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