

Fertilization and Management Advice



Practical Dairy Training Centre
Plateau
Kenya
☎ 0716803620
📍 0.437763, 35.372685

User : PDTC Kenya (254716803626)

+254 (0)728 970 136
info@soilcares.com

General Information

Sample Number : 1598806

Date : 2025-08-11

Field Size : 1 acre

Soil Texture : Clay

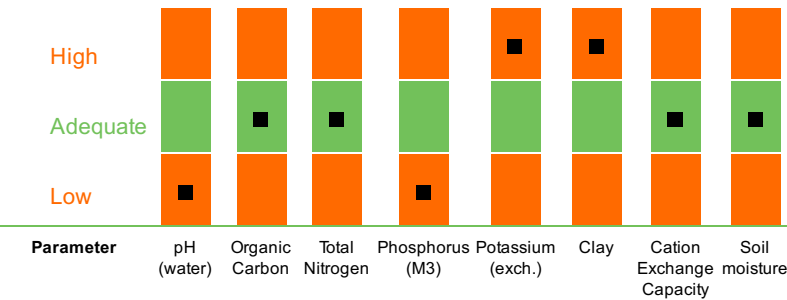
Field Name : Field 1

Crop Name : Maize (corn)

Target Yield : 800 kg

Field Description : Maize field

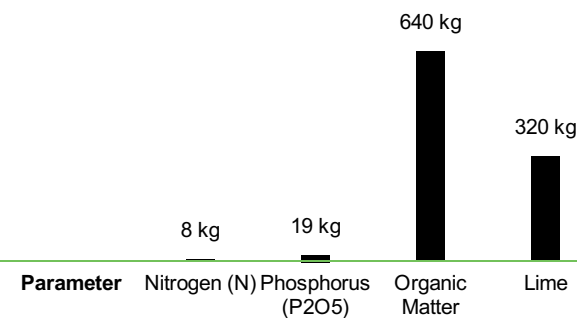
Soil Fertility Status







Soil Fertility Status

| Parameter | Unit | Analysis Result | Range Low | Range High | Low | Adequate | High |
|--------------------------|----------|-----------------|-----------|------------|-----|----------|------|
| pH (water) | pH Value | 5.4 | 6.0 | 7.2 | ■ | | |
| Organic Carbon | g/kg | 22.2 | 17 | 50 | | ■ | |
| Total Nitrogen | g/kg | Adequate | 1 | 2 | | ■ | |
| Phosphorus (M3) | mg/kg | Low | 20 | 40 | ■ | | |
| Potassium (exch.) | mmol+/kg | High | 1.5 | 3 | | | ■ |
| Clay | % | 67 | 20 | 40 | | | ■ |
| Cation Exchange Capacity | mmol+/kg | 117 | 75 | 200 | | ■ | |
| Soil moisture | % | 11.4 | 10 | 30 | | ■ | |





Actual Nutrient Need



Soil Correction Plan

| | Activities | Instructions | Best Option | First Alternative | Second Alternative |
|---|--|--|---|--|---|
| 1 |  Before Planting | If Available | 350 kg Agricultural Lime | | |
| 2 |  Before Planting | If Available | 640 kg Compost or Animal Manure | | |
| 3 |  At Planting | Place the fertiliser at the bottom of the planting holes, put 10 cm of soil on top, add the seed and cover the seed with soil. | 65 kg 0:18:0+36%CaO and 30 kg 20:30:0+ 4MgO | 15 kg 40:0:0+14%S and 110 kg 0:18:0+36%CaO | 25 kg 24:0:0+6%s and 110 kg 0:18:0+36%CaO |
| 4 |  6 weeks after | You can topdress when your crops are 6 weeks old and healthy (no pests, sufficient rain). | 10 kg 26:0:0 | 10 kg 24:0:0+6%s | 15 kg 15.5:0:0+19% CaO |

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@agrocared.com.

Practical Dairy Training Centre
Plateau
Kenya
0716803620
0.437763, 35.372685

User : PDTC Kenya (254716803626)

+254 (0)728 970 136
info@soilcares.com

General Information

Sample Number : 1598806

Date : 2025-08-11

Field Size : 1 acre

Soil Texture : Clay

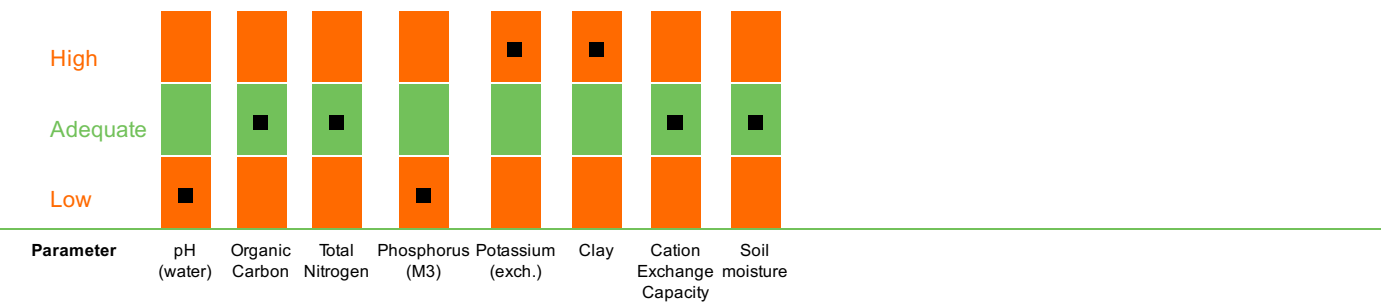
Field Name : Field 1

Crop Name : Potato

Target Yield : 5900 kg

Field Description : Maize field

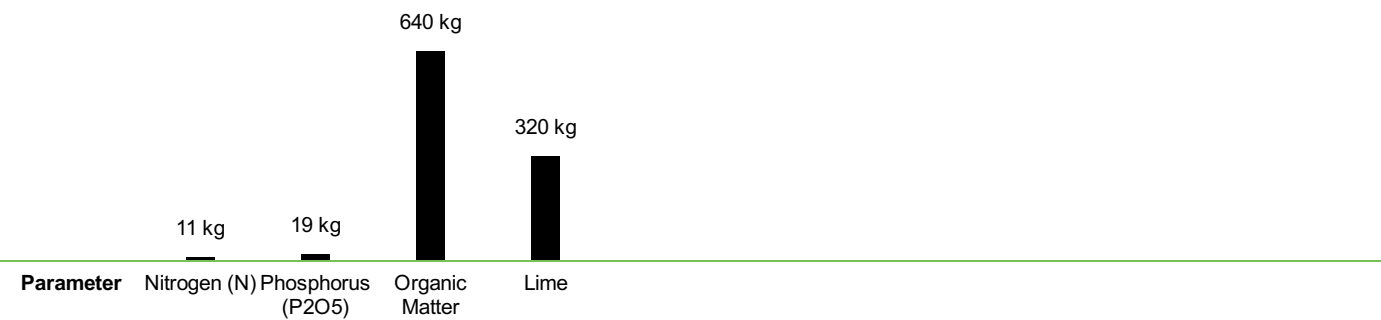
Soil Fertility Status







Soil Fertility Status

| Parameter | Unit | Analysis Result | Range Low | Range High | Low | Adequate | High |
|--------------------------|----------|-----------------|-----------|------------|-----|----------|------|
| pH (water) | pH Value | 5.4 | 6.0 | 7.2 | ■ | | |
| Organic Carbon | g/kg | 22.2 | 17 | 50 | | ■ | |
| Total Nitrogen | g/kg | Adequate | 1 | 2 | | ■ | |
| Phosphorus (M3) | mg/kg | Low | 20 | 40 | ■ | | |
| Potassium (exch.) | mmol+/kg | High | 1.5 | 3 | | | ■ |
| Clay | % | 67 | 20 | 40 | | | ■ |
| Cation Exchange Capacity | mmol+/kg | 117 | 75 | 200 | | ■ | |
| Soil moisture | % | 11.4 | 10 | 30 | | ■ | |





Actual Nutrient Need



Soil Correction Plan

| | Activities | Instructions | Best Option | First Alternative | Second Alternative |
|---|--|--|---|--|---|
| 1 |  Before Planting | If Available | 350 kg Agricultural Lime | | |
| 2 |  Before Planting | If Available | 640 kg Compost or Animal Manure | | |
| 3 |  At Planting | Place the fertiliser at the bottom of the planting holes, put 10 cm of soil on top, add the seed and cover the seed with soil. | 45 kg 0:18:0+36%CaO and 40 kg 20:30:0+ 4MgO | 35 kg 24:0:0+6% and 105 kg 0:18:0+36%CaO | 50 kg 15.5:0:0+19% CaO and 105 kg 0:18:0+36%CaO |
| 4 |  6 weeks after | You can topdress when your crops are 6 weeks old and healthy (no pests, sufficient rain). | 15 kg 26:0:0 | 10 kg 40:0:0+14%S | 15 kg 24:0:0+6% |

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@agrocared.com.