

Fertilization and Management Advice

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General Information

Sample Number : AAASA00739A18 Date : 2018-06-11 Field Name : MAIZE FARM Field Size : 0.03 acre Soil Texture : Sandy Loam
Crop Name : maize (corn) Target Yield : 20 kg

Actual Nutrient Need(in kg)

	0.6 kg	0.1 kg	0.0 kg	0.0 kg	0.0 kg	0.0 kg	23.5 kg	0.8 kg
Parameter	Nitrogen	Magnesium oxide	Sulfur	Zinc	Iron	Mn	organic matter	Lime

Fertilizer Recommendations

Activities	Instructions	Best Option	First Alternative	Second Alternative
1 Before Planting	————— If Available	50 kg Agricultural Lime		
2 Before Planting	————— If Available	24 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.	1 kg Mav 30:5:5 & 5M and 1 kg urea	1 kg Mav 30:5:5 & 5M and 1 kg CAN	1 kg Mav 30:5:5 & 5M and 1 kg Mav 26:0:0
4 6 weeks after	 You can topdress when your crops are 6 weeks old and healthy (no pests, sufficient rain).	1 kg CAN	1 kg urea	1 kg Mav 26:0:0

Suitable Crop Types

Potatoes

Beans

Grains

Vegetables



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

Soil Status

Parameter	Unit	Analysis Result	Range Low	Range High	Low	Adequate	High
pH (KCl)	pH Value	5.5	4.90	6.40		■	
Organic Carbon	g/kg	3.4	20.00	50.00	■		
Total Nitrogen	g/kg	0.4	1.00	2.00	■		
Total Phosphorus	g/kg	0.5	0.20	0.60		■	
Total Sulfur	g/kg	0.1	0.30	0.50	■		
Potassium (exch.)	mmol+/kg	4.7	1.50	3.00			■
Calcium (exch.)	mmol+/kg	29.8	15.00	25.00			■
Magnesium (exch.)	mmol+/kg	4.9	4.50	10.00		■	
Zinc (M3)	mg/kg	0.8	2.50	4.00	■		
Copper (M3)	mg/kg	0.8	1.00	2.00	■		
Cation Exchange Capacity	mmol+/kg	52.3	75.00	200.00	■		
Clay	%	6.6	25.00	50.00	■		
Sand	%	75.6	35.00	55.00			■
Total Aluminium	g/kg	68.6	56.00	91.00		■	
Total Potassium	g/kg	28.5	9.80	22.00			■
Total Silicium	g/kg	344.8	250.00	330.00			■
Total Iron	g/kg	10.0	27.00	72.00	■		
Phosphorus (M3)	mg P/kg	66.1	20.00	40.00			■
Total Manganese	g/kg	289	610.00	2300.00	■		

Disclaimer

The Analysis Report exclusively relates to the sample presented and examined by the scanner. SoilCares can not warrant that the Analysis Report relates to the source of the sample if the sample was not correctly collected. Please note that the recommendations given in the Analysis Report provide indicative rates, that are only valid for the sample presented and based on parameters included in the analysis request, such as crop type, field size, target yield. The sporadic character of samples and the date of the Analysis Report are fundamental in the interpretation of the Analysis Report. Whilst we have taken all reasonable care to ensure that our recommendations are accurate, we have not taken into account other factors that could greatly reduce crop nutrient uptake, including but not limited to, soil moisture, root diseases, nematodes, water logging, compaction, acidity, fertilizer placement, etc. Therefore we accept no liability for any loss or damage arising directly or indirectly from the use of the recommended fertilisers and under no circumstances whatsoever shall be liable for any special, incidental or consequential damages which may arise therefrom. This document can not be reproduced, except in full, without prior written approval from SoilCares. The recipient of this report agrees to and understands that in the preparation of this report, personal data has been sent to SoilCares in the Netherlands. He further consents to his personal data being collected by SoilCares and by the SoilCares franchisee 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 SoilCares by email: info@soilcares.com.

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