



Kenya Agricultural & Livestock Research Organization
National Agricultural Research Laboratories
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BIOCHARCOAL TEST REPORT

Name: Safi Organics
Address: c/o Dr. E. Gikonyo, P. O. Box 14733 - 00800, Nairobi
Location of farm: Nairobi
Date sample received: 22-06-15
Date sample reported: 09-07-15
Reporting officer (through Director NARL): A. Chek

| Field | Soil Analytical Data | | | | | | | |
|--------------------------|----------------------|-----------------|-------|-----------------|-------|-----------------|-------|-------|
| | A1 | | A2 | | A3 | | | |
| Lab. No/2015 | 3719 | | 3720 | | 3721 | | | |
| Fertility results | value | class | value | class | value | class | value | class |
| * pH-water (1:1) | 7.34 | slight alkaline | 7.12 | slight alkaline | 7.06 | slight alkaline | | |
| * Total Nitrogen % | 1.05 | high | 1.40 | high | 1.05 | high | | |
| * Total Org. Carbon % | 3.01 | adequate | 3.13 | adequate | 2.67 | adequate | | |
| Phosphorus (Mehlich) ppm | 100 | high | 105 | high | 275 | high | | |
| Potassium me% | 5.45 | high | 6.09 | high | 6.09 | high | | |
| Calcium me% | 12.2 | adequate | 13.4 | adequate | 13.2 | adequate | | |
| Magnesium me% | 6.60 | high | 5.95 | high | 5.77 | high | | |
| Manganese me% | 0.59 | adequate | 0.53 | adequate | 0.52 | adequate | | |
| Copper ppm | 1.21 | adequate | 1.73 | adequate | 1.18 | adequate | | |
| Iron ppm | 303 | high | 312 | high | 305 | high | | |
| Zinc ppm | 18.4 | adequate | 38.4 | adequate | 20.0 | adequate | | |
| Sodium me% | 3.30 | high | 3.89 | high | 3.65 | high | | |
| Elect. Cond. mS/cm | 10.1 | high | 11.5 | high | 12.8 | high | | |

* ISO/IEC 17025 accredited

Interpretation and Fertilizer Recommendation

Results forwarded.

NOTE: Test results are based on customer sampled sample(s).
Methods used: Information is given out on client's request.