

# COMPREHENSIVE SOIL NUTRIENT

# ANALYSIS



**ECO FARMS & AGRO SERVICES LIMITED**

NAME: EMEKA IBRAHIM

NO. OF SAMPLES RECEIVED: 40

FARM ADDRESS: NO. 123 KAYODE STREET, JOS, PLATEAU STATE.

DATE REPORTED: 1ST JANUARY, 2024

## TOP SOIL 20CM DEPTH

## FIELD A

S/no	Parameter /Symbol	Unit	Results	Guide low	Guide high	method
1	pH		4.2	6.00	7.50	pH meter
2	EC	uS/cm	190		<800	EC Meter
3	Phosphorus (P)	ppm	26.0	50.0	100	spectroscopy
4	Potassium (K)	ppm	90.5	202	539	spectroscopy
5	Calcium (Ca)	ppm	1950	2070	2420	spectroscopy
6	Magnesium (Mg)	ppm	158	207	415	spectroscopy
7	Sulphur (S)	ppm	14.0	20.0	200	spectroscopy
8	Sodium (Na)	ppm	13.9		<199	spectroscopy
9	Iron( Fe)	ppm	45.0	50.0	350	spectroscopy
10	Manganese (Mn)	ppm	30.6	30.0	250	spectroscopy
11	Boron (B)	ppm	0.50	0.80	2.00	spectroscopy
12	Copper (Cu)	ppm	1.60	2.00	10.0	spectroscopy
13	Zinc (Zn)	ppm	6.34	2.00	20.0	spectroscopy
14	Total Nitrogen (N)	%	0.20	0.20	0.50	calculated
15	Organic Matter (OM)	%	0.05	3.00	4.00	calculated
16	Carbon/ Nitrogen ratio		1.05	10.0	25.0	calculated

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