



**Sasya Shyamala Krishi Vigyan Kendra**  
**Ramakrishna Mission Vivekananda Educational and Research Institute**  
 (Deemed-to-be University as declared by Government of India under Section 3 of UGC Act, 1956)  
 At Arapanch, P.O.-Sonarpur, Dist.-South 24 Pgs, Kolkata-700150  
 Email ID: rkmvu.kvknarendrapur@gmail.com



**Soil, Plant, Water and Compost Analysis Facility for University/ICAR/Govt Org./KVK/NGO**

Item	Item code	Charges	Item	Item code	Charges
<b>Soil Sample Analysis</b>			<b>Plant Sample Analysis</b>		
Soil texture by Hydrometer	SWTL1	100.00	Nitrogen	SWTL39	160.00
Particle size analysis by Soil Pipette Apparatus	SWTL2	250.00	Phosphorous	SWTL40	80.00
Bulk density	SWTL3	100.00	Potassium	SWTL41	80.00
Particle density	SWTL4	50.00	Sulphur	SWTL42	80.00
Porosity of soil	SWTL5	150.00	Calcium	SWTL43	80.00
Moisture content	SWTL6	30.00	Magnesium	SWTL44	150.00
Water Holding Capacity	SWTL7	25.00	Zn	SWTL45	150.00
Soil suction by Tensiometer	SWTL8	250.00	Cu	SWTL46	150.00
Infiltration rate by Infiltrometer	SWTL9	200.00	Fe	SWTL47	150.00
Undisturbed sample collection by Soil core sampler for 80 cm depth	SWTL10	250.00	Mn	SWTL48	150.00
pH	SWTL11	30.00	Zn, Cu, Fe, Mn, Cd, Pb, Hg - each element	SWTL49	150.00
EC	SWTL12	30.00	As	SWTL50	750.00
Lime requirement	SWTL13	75.00	<b>Water Sample Analysis</b>		
Gypsum requirement	SWTL14	75.00	pH	SWTL51	30.00
Total organic carbon (ignition loss method)	SWTL15	100.00	EC	SWTL52	30.00
Oxidizable organic carbon (Walkey Black)	SWTL16	100.00	Chloride	SWTL53	75.00
Cation exchange capacity	SWTL17	100.00	Carbonate	SWTL54	50.00
Total Nitrogen	SWTL18	160.00	Bicarbonate	SWTL55	50.00
Available Nitrogen	SWTL19	100.00	Calcium	SWTL56	50.00
Ammoniacal nitrogen	SWTL20	100.00	Sodium	SWTL57	50.00
Nitrate nitrogen	SWTL21	100.00	Nitrate	SWTL58	50.00
Total Phosphorous	SWTL22	120.00	Ammonia	SWTL59	100.00
Available Phosphorous	SWTL23	80.00	Sulphate	SWTL60	75.00
Organic Phosphorous	SWTL24	120.00	SAR	SWTL61	100.00
Total Potassium	SWTL25	120.00	RSC	SWTL62	75.00
Available Potassium	SWTL26	80.00	Irrigation water quality (pH, Total soluble salts, Chloride, Carbonate, Bicarbonate, Nitrate, SAR)	SWTL63	385.00
Total Sulphur	SWTL27	150.00	Zn, Cu, Fe, Mn, Cd, Pb, Hg, Mg- each element	SWTL65	150.00
Available Sulphur	SWTL28	80.00	As	SWTL66	750.00
Magnesium	SWTL29	150.00	<b>Compost Analysis</b>		
Calcium	SWTL30	80.00	pH	SWTL67	25.00
Boron	SWTL31	150.00	EC	SWTL68	25.00
Zn	SWTL32	150.00	Moisture content	SWTL69	30.00
Cu	SWTL33	150.00	Total organic carbon	SWTL70	100.00
Fe	SWTL34	150.00	Total nitrogen	SWTL71	160.00
Mn	SWTL35	150.00	Humus	SWTL72	100.00
Cd, Pb, Hg - each element	SWTL36	150.00	Humic acid	SWTL73	100.00
As	SWTL37	750.00	Fulvic acid	SWTL74	100.00
Soil analysis (pH, EC, Org C, Avl N, P, K, S)	SWTL38	500.00	Compost testing (pH, EC, moisture content, Organic carbon content, C/N ratio, total N, P, K)	SWTL75	600.00

Item	Item code	Charges
<b>Soil Microbial Parameter Analysis</b>		
<b>Bacterial population</b>	SWTL76	120.00
<b>Fungal population</b>	SWTL77	120.00
<b>Actinomycetes population</b>	SWTL78	100.00
<b>Soil microbial biomass nitrogen</b>	SWTL79	150.00
<b>Soil microbial biomass carbon</b>	SWTL80	150.00
<b>Soil microbial biomass phosphorous</b>	SWTL81	150.00
<b>Microbial population</b>	SWTL82	120.00
<b>Basal soil respiration</b>	SWTL83	120.00
<b>Substrate induced respiration</b>	SWTL84	120.00
<b>Fluorescein diacetate hydrolyzing activity</b>	SWTL85	120.00
<b>Dehydrogenase activity</b>	SWTL86	250.00
<b>Soil Enzymes</b>	SWTL87	300.00
<b>Nitrogen fixation capacity</b>	SWTL88	160.00
<b>Phosphate fixation capacity</b>	SWTL89	160.00

N. B. All charges are excluding GST (18%).

The payment for sample analysis has to be made during submission of samples through cash/cheque/NEFT in favour of the 'Sasya Shyamala Krishi Vigyan Kendra (KVK) Revolving Fund' A/c. Details of Bank A/c are given below:

A/c Name: Sasya Shyamala Krishi Vigyan Kendra (KVK) Revolving Fund

A/c No: 0419104000030737

Name of Bank: IDBI Bank

Branch: Narendrapur

IFSC: IBKL0000419

MICR: 700259019

For further details, please contact:

1. Head, SSKVK  
Emil id: rkmvu.kvknarendrapur@gmail.com  
Mobile: 09475724875
2. For agricultural purpose (soil, plant, water, compost analysis)  
Dr. Monidipta Saha, Programme Assistant (Lab. Tech.)  
Mobile: 9433580933