

**भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद्**  
**INDIAN COUNCIL OF FORESTRY RESEARCH & EDUCATION**

(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार की एक स्वायत्त परिषद्)  
 (An Autonomous body under the Ministry of Environment, Forests & Climate Change, Government of India)

पो० ओ० न्यू फॉरेस्ट, देहरादून - 248 006 (उत्तराखण्ड)  
 P.O. New Forest, DEHRA DUN - 248 006 (Uttarakhand)

संख्या / No. 3-1/2017-ICFRE/Admin./Budget/Pt. file

दिनांक / Dated: 28.12.2017

To,  
 The Director,  
 IFTGB, Coimbatore

**Sub: - Rationalization of user testing Charges and consultancy fee rates in accordance with market structure.**

Sir,

Apropos of the subject cited above, this is to inform that the competent authority has approved the rates for different user testing proposed by your institute, as per details given below:

S.No.	Name of testing/consultancy	Rates
	<b>Soil Sample</b>	
1	pH	250 (pH, texture, calcareousness & EC)
2	EC	
3	Organic Carbon (OC) / Organic Matter	250
4	N, P, K, Ca, Mg, Na	300 each nutrient
5	Cu, Mn, Fe, Zn	300 each nutrient
6	Total soil analysis	3200
7	Texture	500
8	Bulk Density	150
9	Dry matter/Moisture percent	100
10	Micronutrients (Mg, Ni, Zn, Fe, Co, Cr, Cu, Mn)	450 per micronutrient
	<b>Water Sample</b>	
11	pH&EC	100
12	TDS	100
13	Na, K, Ca, Mg, Cl, CO <sub>3</sub> , HCO <sub>3</sub>	500
14	Total Water analysis	700 per sample
15	Microscopic observation of plant related samples	500
16	HPLC	3300
17	GC-MS	3700
	For academic & Govt. R&D intitutions	
	For industry and other commercial organizations	
18	UV-Visible	500
19	Plant identification charges	250
20	Submission/identification of Voucher specimen and allotment of accession number	501 per specimen
21	Molecular characterization of a Clone /Germplasm	7000 (RAPD & ISSR)
22	Insect Pest/Pathogen	Students & Farmers
	Identification by comparison	Industries & Forest Dpt.
		500 per specimen
		1000 per specimen



23	Insect Pest/Pathogen Identification by studying taxonomic characters	Students & Farmers	1000 per specimen
		Industries & Forest Dpt.	2000 per specimen
24	Field testing of insecticides against termites and insect defoliators		100000
25	Identification of beneficial soil microbes		1000 per sample
26	Testing of Biofertilizers		10000 per sample
27	Issue of Phytosanitary Certificates a. Seed material b. Planting material		1000 per certificate [Proposed rate to be approved by Ministry of Agriculture (50-100 based on quantity)]
28	Screening of germplasms for pest/disease resistance through rapid screening in lab and field		100000
29	Isolation and pure culturing of Bacteria, fungus & virus		1000 per sample
	<b>Seed Testing</b>		
30	Purity, Germination %, moisture content, Disease, insect damage		1000 Kg
	<b>Oil Testing</b>		
31	Density		200/-sample
32	Refractive Index		200/-sample
33	Acid Value		300/-sample
34	Saponification Value		400/-sample
35	Iodine Value		600/-sample
36	Unsaponifiable Matter		600/-sample
37	Oil Percentage		700/-sample
38	Peroxide value		400/-sample
39	Viscosity		400/-sample
40	Cloud Point for biodiesel		600/-sample
41	Pour Point for biodiesel		600/-sample
42	Flash Point for biodiesel		600/-sample
43	<b>Laboratory Tests</b>		
	Determination of phenols (if standards available)		600/- per sample
	Determination of tannins (if standards available)		600/- per sample
	Determination of carbohydrates (if standards available)		600/- per sample
	Determination of starch		600/- per sample
	Determination of chlorogenic acid (if standards available)		600/- per sample
	Determination of Protein (if standards available)		600/- per sample
	Determination of free amino acid		600/- per sample
44	<b>HPLC analysis</b>		
	Determination of phenolic acid and other compounds (if standards and other chemicals are available)		2000/- per sample
45	HPLC	For academic & Govt. R&D intitutions	2000/- per sample
		For industry and other commercial organizations	

Yours faithfully



(Arun Singh Rawat)

Deputy Director General (Admin.)