

ICAR - Directorate of Weed Research, Jabalpur (M.P), India

Sophisticated Analytical Instrument and Farm Facility

The rates for using facilities at ICAR-DWR, Jabalpur

Instrument facility

S. No.	Facility*	Parameter	Charges (Rs)			Remark
			Industry	University**	National labs/ Institutes	
1	LCMS	Mass with ESI	7000	3000	5500	Per sample
2	HPLC	Herbicide and allied chemicals (As per suitability of solvents)	3000	1000	2000	Per sample
3	Thermocycler	Amplification of DNA	300	200	200	Per single time use
4	Osmometer	Osmotic potential	100	50	50	Per sample
5	Micro-spectrophotometer (Nanodrop type)	Quantification of nucleic acids	50	25	25	Per sample
6	Refrigerated micro-centrifuge	Centrifugation at low temp (4°C or above)	50	25	25	Per sample
7	Ultra freezer (-80°C)	Storage of DNA/RNA/protein samples in 2 ml tube	500	250	250	Per week
8.	Atomic Absorbance Spectrophotometer	Fe, Mn, Zn, Cu	500	300	200	Per sample
9.	Leaf area meter	Leaf area	300	150	200	Per hour

Conditions:

Thermocycler

- Machine can be used only in Laboratory and would not be allowed to take out from the laboratory.
- User must know the basic operational flow to work on the machine.
- Users should bring their working programme (Protocol).
- No consumables will be provided.

Osmometer

Users have to prepare samples with due consultation with lab in-charge

Micro-spectrophotometer (Nanodrop type)

Only clear and purified samples can be quantified. Machine used a micro volume normally 1-2 ul

Refrigerated micro-centrifuge

Machine can spin 30 tubes (2 ml each).

Ultra freezer (-80°C)

Samples to be stored must in 2 ml plastic microtube with proper labeling in storage box (capacity 81 or 100 places).

***Based on availability; **For students only**

Infrastructure facility

S. No.	Facility*	Parameter	Charges (Rs)			Remark
			Industry/ private agencies	University	National labs/ Institutes	
1.	Net House (size of net house are (I) 17.1m x 6.2m x 3m (LxWxH) and (II) 18.4m x 7.75m x 2.15m (LxWxH)	For doing short term experiment or raising nursery/crops for seed purpose which need bird protection, mass rearing of insects etc.	5000	3000	4000	Per month
2.	Laser land leveler*	Leveling of farm land	800 [†]	1000	1000	Per hour
3.	Happy seeder*	Sowing of crops under conservation tillage	700 [†]	800	800	Per hour

*This facilities will be provided with in the radius of 20 km ([†]these rates are exclusively to farmers)
Rates are inclusive of GST

For further details contact

Director

ICAR-Directorate of Weed Research

Maharajpur, Adhartal,

Jabalpur – 482 004, Madhya Pradesh

Tel : 0761-2353934

Fax : 0761-2353129

e-mail : dirdwsr@icar.org.in