



ICAR-Directorate of Weed Research, Jabalpur

Annexure I: List of equipment (costing > 10.0 lakhs), parameters to be estimated and charges applicable

Sl. No.	Name of the equipment	Contact scientist	parameters to be estimated	Charges per sample (Rs.)		
				Industry	University/ students	National institutions
1	LC-MS/MS	Dr Shobha Sondhia, Pr. Scientist, Residue chemistry	Mass with ESI	7000/-	3000/-	5500/-
2	HPLC	Dr Shobha Sondhia, Pr. Scientist, Residue Chemistry	Herbicide and allied chemicals	3000/-	1000/-	2000/-
3	Thermocycler	Dr Deepak Pawar, Scientist, Biotechnology	Amplification of DNA	300/-	200/-	200/-
4	Osmometer	Dr Chandrakant Singh, Sr. Scientist, Plant Physiology	Measurement of Osmotic potential	100/-	50/-	50/-
5	Micro-spectrophotometer (nano drop type)	Dr Deepak Pawar, Scientist, Biotechnology	Quantification of nucleic acid	50/-	25/-	25/-
6	Refrigerated microcentrifuge	Dr Chandrakant Singh, Sr. Scientist, Plant Physiology	Centrifugation at low temperature (4°C and above)	50/-	25/-	25/-
7	Ultrafreezer (-80°C)	Dr Deepak Pawar, Scientist, Biotechnology	Storage of DNA, RNA, Protein samples, etc.	500/-	250/-	250/-
8	AAS	Dr Surabhi Hota, Scientist, Soil Science	Fe, Mn, Zn and Cu analysis	500/-	300/-	200/-
9	IRGA	Dr Chandrakant Singh, Sr. Scientist, Plant Physiology	Photosynthetic parameters	50/-	25/-	25/-
10	Leaf Area Meter	Dr PK Mukherjee, Pr. Scientist, Agronomy	Measurement of leaf area	300/hr	150/hr	200/hr
11	GCMS	Dr Surabhi Hota, Scientist, Soil Science	Quantification of volatile and semi volatile organic compounds for determination of microbial diversity	5000/-	2500/-	3000/-
12	RTPCR	Dr Deepak Pawar, Scientist, Biotechnology	Gene expression analysis	9000/-	7000/-	7000/-