

DIRECTORATE OF RICE RESEARCH
(Indian Council of Agricultural Research)
Rajendranagar : Hyderabad – 500 030

Charges for the Services in the Coordinated Program of DRR (As per ICAR Norms):

S. No.	Item / Parameter	Testing fee (Rs.) [†]	
		Existing	revised
1.	Evaluation of transgenic crops / entry / location / year	15,000	75,000
2.	Evaluation of hybrids or varieties / entry / year	30,000	60,000
3.	Testing of Molecules and Agro-input Products (Fungicides / Insecticides / Herbicides / IGR's / PGR's / Micronutrients / Fertilizers / Bio-fertilizers, etc.): Per molecule / location / season (minimum 10 locations)	10,000	20,000

[†]Service Tax @ 14.5 % applicable for all the services

Charges for the Services under the Contract Research Projects at DRR:

S. No.	Item / Parameter	Testing fee (Rs.) [†]	
1.	Plant Pathology:	Existing	Revised
	A Fungicide formulations / treatment / season / disease (The charges would be collected for the standard check and untreated check, in the trial concerned)	10,000	20,000
	B Phytotoxicity observations	10,000	20,000
	C Residue sample collection (Seed, straw & soil)	10,000	10,000
	D Plant health effects (Shoot & root length, No. of tillers, overall crop stand at last reading)	10,000	20,000
	E Repeated inoculations (2 nd inoculation onwards /	10,000	20,000

		inoculation)		
	F	Screening for Disease resistance / Entry / Season:		
		➤ Blast (minimum of 50 lines)	300	400
		➤ Sheath blight (minimum samples not specified)	1,000	1,000
		➤ Bacterial blight / isolate (minimum of 50 lines)	300	400
		➤ Rice Tungro Disease (minimum of 25 lines)	500	500
	G	Quarantine testing (For Diseases, insect pests & nematodes / entry)	1,000	1,000
	H	Training (For Industry personnel) / person / 1 Week (Excluding lodging and boarding)	15,000	15,000
2.	Entomology:			
	A	Toxicity of Insect Pest / Natural enemy per formulation / treatment / season / insect (The charges would be collected for the standard check and untreated check, in the trial concerned)	20,000	20,000
	B	Phytotoxicity observations	10,000	10,000
	C	Screening for Insect resistance / Entry / Pest / Biotype (minimum of 40 lines)	300	300
	D	Inclusion of entries from private sector in DSN/MRST (maximum of 10 entries/company) (Fees per entry/ season/location/pest or disease (minimum of 10 locations, 500 g of seed per line per pest). <ul style="list-style-type: none"> The entries proposed should have been tested at DRR for a pest or disease. 		1000*
	E	Training (For Industry personnel) / person / 2 Week (Excluding lodging and boarding)	15,000	15,000
3.	Agronomy:			

	A	Herbicides / treatment / season (The charges would be collected for the standard check and untreated check, in the trial concerned)	10,000	20,000
4.	Plant Breeding:			
	A	Grain quality parameters:		
		➤ Non-Basmati rice (14 Characters) / Sample	2,000 2,500	5,000 7,000
		➤ Basmati rice (15 Characters) / Sample		
	B	Procurement Price of paddy seed of ordinary class (non-breeder seed class or labeled):		
		➤ Non-scented varieties (Cleaned) / Kg	11.50 20.00	Fine 18.00 Coarse 16.00
		➤ Scented varieties (Cleaned) / Kg		25.00
	C	Selling Price of paddy seed of ordinary class (non-breeder seed class or labeled):		
		➤ Bold/coarse grain varieties / Kg	13.00 16.00	25.00 30.00
		➤ Fine grain varieties (Non-scented) / Kg	30.00	45.00
		➤ Scented varieties / Kg		
5.	Biotechnology:			
	A	Training for Students (Excluding boarding & lodging):	7,500 15,000	7,500 15,000
		➤ 3 Months / Student		
		➤ 6 Months / Student		
		Training for Students of other Disciplines (Excluding boarding & lodging):		5,000 10,000
		➤ 3 Months / Student		
		➤ 6 Months / Student		
	B	Training for Industry (Excluding boarding & lodging):	15,000 30,000	15,000 30,000
		➤ 15 days - 1 Month / Participant		
		➤ 2 - 3 Months / Participant		

	C	Hybrid rice - Seed purity testing / Seed lot of 100 seeds.	3,000	5,000
	D	Screening for Fertility Restoration / entry (Minimum of 50 samples or genotypes)	100	100
	E	Screening for Resistance to Bacterial blight, Blast and Gall midge through Molecular Markers. Per Disease or Pest or Race or Biotype or trait/ entry or line genotype/ marker (Minimum of 50 entries or genotypes)	100	200
	F	RF & WC genes for Hybrid Rice production Per grain (Minimum of 10 samples of 100 grains)	30	50
6.	Soil Science:			
	A	Soil:		
		➤ pH, EC, Organic carbon, available N, P, K, NH ₄ , NO ₃	500	500
		➤ Available micronutrients – Zn, Mn, Fe, Cu, B, Mo	500	500
		➤ Texture analysis, CEC, Exch. Na, Ca, Mg, K, ESP, SAR	500	500
		➤ *Total C, N and S	500	500
		➤ *Nutrient Fractions/Nutrient – N, P, K	600	600
	B	Plant (Grain, Straw, Plant residues, Green Manure):		
		➤ Major & Secondary Nutrients –N, P, S, Si*	500	500
		➤ Micronutrients – Zn, Fe, Mn, Cu, B*, Al*, Ca, Mg	600	600
		➤ *Cellulose, lignin, hemicellulose, sugars, starch	750	750
	C	Manures (FYM, Compost, Vermicompost, etc.):		
		➤ Major & Secondary nutrients – C, N, P, S, K, Ca, Si*	500	500
		➤ Micronutrients – Zn, Fe, Mn, Cu, B*, Al*	600	600

	D	Water:		
		➤ pH, EC, Total soluble salts, Cl ⁻ , CO ₃ ²⁻ , HCO ₃ ⁻ , RSC, Na ⁺ , K ⁺ , Ca ²⁺ , Mg ²⁺ , NO ₃ ⁻ , SO ₄ ²⁻	600	600
		➤ Micronutrients (B, Zn, Fe, Mn, Cu)	500	500
		➤ *COD, BOD	500	500
	E	Microbiological and biochemical analysis of soils:		
		➤ Microbial biomass C, N and P	600	600
		➤ Soil enzymes - β glucosidase, phosphatase, dehydrogenase	600	600
		➤ Microbial population analysis – total heterotrophic bacteria, fungi and actinomycetes	750	750
		➤ Soil biochemical analysis – soil proteins, phenols and water soluble carbohydrates	600	600
		*Samples analyzed on special request. <u>Note:</u> a) Unprocessed samples at 20 % extra cost. b) Total C, N and S in soil and plant samples by CNS analyzer, the charges are for a single run. c) Cost per each nutrient / character will be proportionate to the proposed rate.	-	-
7.		Plant Physiology:	ICAR Institutes (Others)*	
	A	Leaf area / sample of 5 leaves (Minimum: 50 samples)	500 (1,000)	500 (1,000)
	B	Grain counter / sample (Minimum: 100 samples)	200 (500)	200 (500)
	C	Image analysis (Seed morphometry, Counting of	500 (625)	500 (625)

		lesions on diseased leaf, etc.) / sample of 3 replicates (Minimum: 25 samples)		
	D	Stomatal conductance / 3 replicates (Minimum: 20 samples)	400 (500)	400 (500)
	E	Seed moisture / 3 replicates (Minimum: 100 samples)	200 (500)	200 (500)
	F	Spad (CM-502/Chlorofyll index) / 3 replicates (Minimum: 100 samples)	500 (1,000)	500 (1,000)
	G	Seed cleaning (small sample size and partial grains) / 3 replicates (Minimum: 50 samples)	250 (500)	250 (500)
	H	Canopy analyzer / 3 replicates (Minimum: 20 samples)	500 (1,000)	500 (1,000)
	I	Spectrophotometric assays (without reagents) for pigments, proline, total sugars, free amino acids) / 3 replicates (Minimum: 50 samples)	1,000 (2,500)	1,000 (2,500)
	J	Spectrophotometric assays (with reagents) for pigments, proline, total sugars, free amino acids) / 3 replicates (Minimum: 50 samples)	2,500 (5,000)	2,500 (5,000)
		*Figures in parenthesis are for Other than ICAR institutes.	-	
8.	CTC: Training programs / Participant (Includes boarding and lodging):			
	A	<ul style="list-style-type: none"> ➤ Private Agro-input Agencies Executives (5 Days) ➤ Quality control of Rice: Officials of Export Inspection Council of India (5 Days) ➤ Hybrid Rice Seed Production Technology: Seed Production Personnel from Public & Private Sector Seed Companies (5 Days) 	8,000 8,000 8,000	16,000 16,000 16,000

	B	➤ Marker Assisted Selection: Private Seed Companies & Universities (Breeders & Bio-technologists) – For 5 Days	10,000	16,000
	C	➤ Hybrid Rice Breeding: Breeders from Public & Private Sector Seed Companies (10 Days)	12,000	20,000
9.	General:			
	A	Technology Transfer: (Example: Evaluation of SRI / Creating a Virtual Platform for Information & Training Support on SRI, etc.)	As per the Johl's Committee Guidelines	
	B	Technical Advise - Problem wise	2,000	4,000
	C	Video Shooting by various agencies (per hour)		20,000
		Farm Produce Paddy Straw	800/ton	1200/ton

† Service Tax @ 14.5 % applicable for all the services