



Republic of the Philippines  
**DEPARTMENT OF AGRICULTURE**  
**Regional Field Office 10**  
Antonio Luna St., Cagayan de Oro City  
Telephone No. (088) 8562753-55  
Email Address: agri10cdo@gmail.com

February 15, 2021

**CARLENE C. COLLADO, CPA**  
Regional Executive Director  
This Office

**SUBJECT: Request to Revise Guidelines for Laboratory Fees in the Integrated Laboratory Division of DA RFO 10**

Dear Dir. Collado,

Greetings!

We are recommending the proposed Guidelines for Collection of Laboratory Fees in the Integrated Laboratory Division this office, in conformity with existing laboratory Fees of Department of Agriculture in having with the following:

**A. National Issuances supporting the Imposition of Fees in Government Services.**

1. **Sec. 54, Chapter 12, Book IV of Executive Order No. 292 (Administrative Code of 1987)** where heads of bureaus, offices or agencies, may, upon approval of the department head, charge and collect the cost of the services rendered by the bureau, office or agency concerned;
2. **Republic Act No. 8435, An Act Prescribing Urgent Related Measures to Modernize the Agriculture and Fisheries Sectors of the Country in Order to enhance their Profitability, and prepare said Sectors for the Challenges of the Globalization through an Adequate Focused and Rational Delivery of Necessary Support Services, Appropriating Funds therefore and for Other Purposes;**
3. **Administrative Order No. 31 series of 2012 by the President of the Philippines** re: "Directing and Authorizing all Heads of Departments, Bureaus, Commissions, Agencies, Offices and Instrumentalities of the National Government, Including Government-Owned and/or Controlled Corporations (GOCCs) to rationalize the Rates of their Fees and Charges, Increase their Existing Rates and Impose New Fees and Charges";
4. **D.O No. 04 series 2017** entitled *Department Policy on Rationalizing and Strengthening DA National and Regional Laboratory Services*, with the Integrated Laboratory of the Division Regional Field Office 10 categorized as Level 2B and is required to conform to the national and/or international standards for Good Laboratory Practice as stated in Section III Rule No. 2 and Section IV Rule No. 3.d; &
5. **D.O No. 10 series 2018** entitled *Establishing the Institutional Linked and Coordination between the National Laboratories of the Bureau of Animal Industry, Plant Industry, and Soil and Water Management and the Integrated Laboratories of the Regional Field Offices*, Section III Rule No. 3.a conform to the laboratory policies, protocols and standards developed and prescribed by the National Laboratories.

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B. Laboratory Fees as Adopted in the Department of Agriculture National Laboratories (Bureau of Soils and Water Management for Regional Soils Laboratory & Bureau of Animal Industry for Regional Animal Disease Diagnostic Laboratory & Feed Chemical Analytical Laboratory)

#### REGIONAL SOILS LABORATORY

Type of Service	Parameters	Test Method	NEW RATE	
SOIL TESTING				
Macronutrient	pH (H2O, 1:1) @ 25°C	Potentiometric	P	100.00
	Available Phosphorus (Avail. P)	Bray #1, UV Vis Olsen, UV Vis	P	250.00
	Organic Matter (OM)	Walkley and Black/Colorimetric, UV-Vis (Calculation, OC x 1.72)	P	250.00
Exchangeable Base	Potassium (K)	Ammonium Acetate, pH 7 FP	P	160.00
	Calcium (Ca)	Ammonium Acetate, pH 7, AAS	P	250.00
	Sodium (Na)	Ammonium Acetate, pH 7, AAS	P	250.00
	Magnesium (Mg)	Ammonium Acetate, pH 7, AAS	P	250.00
Trace Elements	% Nitrogen	Calculation (OMx0.05)	-	
	Copper (Cu)	Mehlich No. 3	P	160.00
	Iron (Fe)	Mehlich No. 3	P	160.00
	Zinc (Zn)	Mehlich No. 3	P	160.00
	Manganese (Mn)	Mehlich No. 3	P	160.00
Physical	Soil Texture		P	300.00
Type of Service	Parameters	Test Method	NEW RATE	
FERTILIZER TESTING				
Macronutrient	pH (H2O, 1:1) @ 25°C	Potentiometric	P	100.00
	Moisture	Gravimetric	P	100.00
	Total Nitrogen	Kjeldahl	P	300.00
	Total Phosphorus (Total P2O5)	Vanadomolybdate, UV Vis	P	300.00
Trace Elements	Total Potassium (Total K2O)	Acid Digestion, Flame Photometry	P	300.00
	Copper (Cu)	Acid Digestion, AAS	P	160.00
	Iron (Fe)	Acid Digestion, AAS	P	160.00
	Zinc (Zn)	Acid Digestion, AAS	P	160.00
	Manganese (Mn)	Acid Digestion, AAS	P	160.00
Special Parameter	Organic Carbon (OC)	Walkley and Black, Titrimetric	P	250.00

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Type of Service	Parameters	Test Method	NEW RATE
<b>SOIL TESTING</b>			
Macronutrient	pH (H2O, 1:1) @ 25°C	Potentiometric	₱ 100.00
	Available Phosphorus (Avail. P)	Bray #1, UV Vis	₱ 250.00
		Olsen, UV Vis	₱ 250.00
	Organic Matter (OM)	Walkley and Black/Colorimetric, UV-Vis (Calculation, OC x 1.72)	₱ 250.00
Exchangeable Base	Potassium (K)	Ammonium Acetate, pH 7 FP	₱ 160.00
	Calcium (Ca)	Ammonium Acetate, pH 7, AAS	₱ 250.00
	Sodium (Na)	Ammonium Acetate, pH 7, AAS	₱ 250.00
	Magnesium (Mg)	Ammonium Acetate, pH 7, AAS	₱ 250.00
	% Nitrogen	Calculation (OMx0.05)	-
Trace Elements	Copper (Cu)	Mehlich No. 3	₱ 160.00
	Iron (Fe)	Mehlich No. 3	₱ 160.00
	Zinc (Zn)	Mehlich No. 3	₱ 160.00
	Manganese (Mn)	Mehlich No. 3	₱ 160.00
Physical	Soil Texture		₱ 300.00
Type of Service	Parameters	Test Method	NEW RATE
<b>FERTILIZER TESTING</b>			
	pH (H2O, 1:1) @ 25°C	Potentiometric	₱ 100.00
	Moisture	Gravimetric	₱ 100.00
Macronutrient	Total Nitrogen	Kjeldahl	₱ 300.00
	Total Phosphorus (Total P2O5)	Vanadomolybdate, UV Vis	₱ 300.00
	Total Potassium (Total K2O)	Acid Digestion, Flame Photometry	₱ 300.00
Trace Elements	Copper (Cu)	Acid Digestion, AAS	₱ 160.00
	Iron (Fe)	Acid Digestion, AAS	₱ 160.00
	Zinc (Zn)	Acid Digestion, AAS	₱ 160.00
	Manganese (Mn)	Acid Digestion, AAS	₱ 160.00
Special Parameter	Organic Carbon (OC)	Walkley and Black, Titrimetric	₱ 250.00

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Type of Service	Parameters	Test Method	NEW RATE
<b>RAPID SOIL TEST</b>			
	pH	STK Quick Test (Qualitative)	₱ 130.00
	Nitrogen (N)		
	Phosphorus (P)		
	Potassium (K)		
	Soil Test Kit Refill	-	₱ 200.00
	Soil Test Kit	-	₱ 500.00

<b>OTHER SERVICES</b>			
	Trichoderma, 30g/pack		₱ 10.00
	Fertilizer Recommendation/crop		₱ 15.00
	Sample Preparation for Soil/Fertilizer		₱ 100.00

Type of Service	Parameters	Test Method	NEW RATE
<b>PLANT TISSUE ANALYSIS TESTING</b>			
<i>Macronutrient</i>	Total Nitrogen	Kjeldahl	₱ 250.00
	Total Phosphorus	Acid Digestion, UV Vis	₱ 300.00
	Total Potassium	Acid Digestion, Flame Photometry	₱ 300.00
<i>Trace Elements</i>	Copper (Cu)	Acid Digestion, AAS	₱ 160.00
	Iron (Fe)	Acid Digestion, AAS	₱ 160.00
	Zinc (Zn)	Acid Digestion, AAS	₱ 160.00
	Manganese (Mn)	Acid Digestion, AAS	₱ 160.00

Type of Service	Parameters	Test Method	NEW RATE
<b>IRRIGATION WATER TESTING</b>			
	pH ( 1:1) @ 25°C	Potentiometric	₱ 100.00
	Electrical Conductivity (EC) @ 25°C	Potentiometric	₱ 160.00
	Calcium (Ca)	AAS	₱ 250.00
	Magnesium (Mg)	AAS	₱ 250.00
	Sodium (Na)	AAS	₱ 250.00
	Potassium (K)	AAS	₱ 160.00
<i>Trace Elements</i>	Copper (Cu)	Acid Digestion, AAS	₱ 160.00
	Iron (Fe)	Acid Digestion, AAS	₱ 160.00
	Zinc (Zn)	Acid Digestion, AAS	₱ 160.00
	Manganese (Mn)	Acid Digestion, AAS	₱ 160.00

#### FEED CHEMICAL ANALYTICAL LABORATORY

<b>FEED TESTING</b>			
	Aflatoxin Test	Competitive Direct - ELISA	₱ 1,300.00
	Protein (Crude)	Kjeldahl Method	₱ 216.00
	Fiber (Crude)	Weende Method	₱ 240.00
	Fat (Crude)	Soxhlet Extrction - Randall Technique	₱ 216.00
	Moisture	Oven Drying	₱ 120.00
	Ash	Ignition - Gravimetric	₱ 120.00
	Feed Microscopy	Stereo Microscopy	₱ 120.00
	Salt	Mohr Method	₱ 240.00
	Calcium	Titrimetric Method	₱ 240.00
	Phosphorus	Spectrophotometric Method	₱ 240.00
	Urease Activity Test	Modified Caskey-Knapp	₱ 216.00

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## REGIONAL ANIMAL DISEASE DIAGNOSTIC LABORATORY

Type of Service	Parameters	Test Method	RATE	UNIT
<b>1. Bacteriology</b>				
	Antibiotic Sensitivity Test (AST)	Vitek 2 Compact 15	P 600.00	per organism
		Conventional method	P 98.00	per organism
	Bacterial isolation & identification	Vitek 2 Compact 15	P 600.00	per organism
<b>2. Gross Pathology</b>				
	Avian species			
	a) up to 8 weeks old	Necropsy	P 10.00	per animal
	b) over 2 months old		P 20.00	per animal
<b>3. Hematology</b>				
	Blood Chemistry	VetScan VS2	P 100.00	per sample
	Complete Blood Count (CBC)	VetScan HM5	P 100.00	per sample
<b>4. Molecular Biology</b>				
	African Swine Fever (ASF)		P 3,000.00	per pool*
	Avian Influenza (AI)	Polymerase Chain Reaction (PCR)	P 3,000.00	per pool*
	Classical Swine Fever		P 3,000.00	per pool*
	Newcastle's Disease		P 3,000.00	per pool*
<b>5. Parasitology</b>				
	Blood parasites			
	Surra	Microhematocrit Centrifugation Test (MHCT)	P 90.00	per sample
	Anaplasmosis/Babesiosis	Special Staining	P 20.00	per sample
	Internal parasites	Fecalalysis:		
		a. Direct smear	P 10.00	per sample
		b. Concentration/Flotation	P 26.00	per sample
		c. McMaster	P 35.00	per sample
<b>6. Serology</b>				
	Avian Influenza (AI)	Enzyme-Linked Immunosorbent Assay (ELISA)	P 140.00	per sample
		Hemagglutination-Inhibition (HI) Test	P 26.00	per sample
	Brucellosis	Rose Bengal Test (RBT)	P 20.00	per sample
			P 140.00	per sample
	Caprine Arthritis Encephalitis (CAE)	Enzyme-Linked Immunosorbent Assay (ELISA)	P 140.00	per sample
	Classical Swine Fever (CSF)/Hog Cholera antibody		P 140.00	per sample
	Classical Swine Fever (CSF)/Hog Cholera antigen		P 140.00	per sample
	Equine Infectious Anemia (EIA)	Agar Gel Precipitation Test (AGPT)/Coggins Test	P 150.00	per sample
	Infectious Bursal Disease (IBD)		P 140.00	per sample
	Newcastle's Disease	Enzyme-Linked Immunosorbent Assay (ELISA)	P 140.00	per sample
	Porcine Reproductive and Respiratory Syndrome		P 140.00	per sample
	Pseudorabies		P 140.00	per sample
	Surra	Card Agglutination Test for Trypanosoma (CATT)	P 90.00	per sample
<b>7. Virology</b>				
	Rabies	Fluorescent Antibody Test (FAT)	P FREE	per sample

\*1 pool = minimum of 1 and maximum of 5 samples

## C. GUIDELINES FOR LABORATORY FEES

The Integrated Laboratory Division of the Department of Agriculture-Regional Field Office X is composed of three (3) laboratories: (a) Regional Animal Disease Diagnostic Laboratory (RADDL); (b) Regional Soils Laboratory (RSL); (c) Regional Feed Chemical Analysis Laboratory (FCAL). Below are the proposed adjusted fees/privileges for clients in conformance to the above stated laws/issuances:

NO.	CLIENT	LAB FEES
1	Students (Graduate Research/Thesis)	20% discount
2	Clients with samples for rabies diagnosis	Free
3	Commercial farms & National Government Agencies with test kits for requested test/s - RADDL	Free
4	DA Regulatory Division samples for monitoring ,surveillance and disease investigation	Free
5	DA Research Stations/Experiment Stations including Bureau of Soils and Water Management	Free

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NO.	CLIENT	LAB FEES
6	Local Government Unit Authorized Representative For Soil Mapping - RSL	Free
7	National Veterinary Quarantine Services (NVQS) samples for disease investigation	Free
8	Students (Undergraduate Research)	Free
9	Suppliers for Feeds & Feed Ingredients, Organic and Inorganic Fertilizers under <i>Small Value Procurement</i>	Free
10	Livestock raiser formulating their own mixed feeds (Walk In)	Full Payment
11	Livestock & poultry suppliers for DA dispersal	Full Payment
12	National Veterinary Quarantine Services (NVQS) samples for disease surveillance from imported animals and for shipment purposes	Full Payment
13	Private Companies & Farmers	Full payment
14	Suppliers for Organic & Inorganic Fertilizers, Soil Ammendments, FAA & FFJ & the like	Full payment
15	Suppliers for Organic and Inorganic Fertilizers under Procurement for <i>Public Competitive Bidding</i>	Full Payment
16	All other walk in client/particulars/analyses not covered under 1 to 15	Full payment

#### **D. GENERAL REQUIREMENTS TO AVAIL ILD SERVICES:**

##### ***D-A. Students shall/must:***

1. Submit a request letter duly signed by their Dean and Adviser, addressed to the Regional Executive Director (RED) of this Office, attention to the Integrated Laboratory Division (ILD) Chief, two (2) weeks prior to submission of samples indicating that the student will provide a furnished copy of the research/thesis to DARFO 10 library for research purposes. An active contact number must be indicated in the letter;
2. Submit the above letter to Office of the Regional Executive Director, Department of Agriculture Regional Field Office 10, A. Luna St., Cagayan de Oro City;
3. Wait for notification from ILD personnel for their sample to be accommodated;
4. Provide a furnished copy of the said letter to DARFO 10 Library for reference as proof that the student will provide a copy of their research/thesis to the agency.

##### ***D-B. LGUs or their duly authorized representatives shall/must:***

1. Present a Certification/Recommendation stating the no. of samples and the parameters to be tested signed by the Municipal/City/Provincial Agriculturist prior to or upon submission of samples.

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Upon approval of the new rates, the same shall be published for 30 calendar days in the newspaper, bulletin board or any conspicuous place in the Office and the DA RFO 10 website for public information. Such rates shall then be imposed after the said 30 calendar days.

Hoping for your favorable response on this matter.

Thank you very much.

Respectfully yours,

**MA. TERESA B. ROA, DVM**  
Chief, ILD

Recommended by:

**CARMELITA T. BAJARLA, MBA**  
Director III, Regional Technical Director

Approved by:

**CARLENE C. COLLADO, CPA**  
Regional Executive Director

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