

S.I. 2005 No. 116

Agricultural, Diagnostic and Other Services (Fees)

CAP. 252A

**AGRICULTURAL, DIAGNOSTIC AND OTHER SERVICES (FEES)
ORDER, 2005**

Authority : This Order was made on 5th August, 2005 by the Minister under section 3 of the *Agricultural, Diagnostic and Other Services (Fees) Act*.

Commencement: 25th August, 2005.

1. This Order may be cited as the *Agricultural, Diagnostic and Other Services (Fees) Order, 2005*.

2.(1) The fee set out in the second column of Parts A to D of the *Schedule* shall be paid in respect of the service set out opposite thereto in the first column thereof.

(2) Notwithstanding sub-paragraph (1), no fee for veterinary diagnostic laboratory services referred to in that sub-paragraph is payable in respect of services relating to any of the following animals and birds:

- (a) cattle;
- (b) pigs;
- (c) sheep;
- (d) goats;
- (e) rabbits;
- (f) chickens;
- (g) turkeys;
- (h) ducks;

(i) geese.

(3) Notwithstanding sub-paragraph (1), no fee for veterinary services laboratory testing referred to in that sub-paragraph is payable when testing constitutes part of an animal disease or food safety surveillance programme of such national importance as the Minister determines in writing.

3. *[The Agricultural, Diagnostic and Other Services (Fees) Order, 1996 (S.I. 1996 No. 19) is revoked.]*

SCHEDULE**PART A***(Paragraph 2)***VETERINARY SERVICES DEPARTMENT****Veterinary Regulatory Services**

PARTICULARS	FEE
	\$
1. Import Permits	
Permit for the importation of live animals	25.00
Annual importation of veterinary biological hatching eggs or germplasm	25.00
Importation of meat during a one-year period	500.00
Importation of all products of animal origin during a one-year period	500.00
Importation of up to 25lbs of products of animal origin for personal consumption	25.00
Importation of skins, trophies and other products of animal origin for personal use	25.00
Importation of beneficial insects, parasites and parasitoids	5.00
2. Landing Certificates	
For each	
(a) horse, mule or donkey	60.00
(b) head of cattle	30.00
(c) dog or cat	60.00
(d) goat, sheep or pig	30.00

PARTICULARS	FEE
(e) batch of live poultry or hatching eggs	10.00
(f) caged bird	10.00
(g) animal other than those listed in (a) to (e) above	20.00
For the trans-shipment of	
(a) live animals	25.00
(b) products of animal origin	25.00
For the quarantine of	
(a) detained dogs or cats (per day)	50.00
(b) detained horses (per day)	50.00
3. Export Certificates	
Meat or meat products	25.00
Poultry (per batch)	5.00
For each horse, donkey or mule	50.00
For each cat or dog	30.00
For a batch of 3 or less caged birds	30.00
For a batch of 4 or more caged birds	35.00
For animals other than those listed in (2) to (6) above	35.00
4. Incineration of animals (household pets) per animal	15.00
5. Post Mortems	
Post Mortem on horses (including histology and bacteriology, serology and other disciplines)	100.00
Post mortems on other animals (including histology, bacteriology, serology and other disciplines)	60.00

PARTICULARS	FEE
6. Histology	
Microscopic examination of tissue to determine disease	25.00
Immunohistochemistry	25.00
7. Cytology	
Examination of vaginal smears, cerebrospinal fluid and other body fluids to determine pathological cell changes	10.00
Complete semen analysis to include cell count, morphology, live-dead ratio, motility	15.00
8. Clinical Microbiology	
Bacterial Culture and Sensitivity testing	25.00
Fungal Culture	25.00
Polymerase Chain Reaction (PCR)	40.00
9. Haematology	
Physical and microscopic examination of blood and cellular components of blood to determine the presence of disease by:	
(a) measuring the:	
(i) Packed cell volume (haematocrit)	10.00
(ii) Haemoglobin	10.00
(iii) White blood cell count	10.00
(iv) Plasma protein	10.00
(v) Examination of blood smear	10.00
(b) Undertaking of a Complete Blood Count (CBC)	20.00
(c) Examination of blood smear to determine presence of blood parasites	10.00

PARTICULARS	FEE
<i>(d)</i> Complete Blood Count for exotic animals	25.00
<i>(e)</i> Determination of fibrinogen levels	10.00
<i>(f)</i> Knott's test for heartworm in dogs	10.00
10. Serology/Immunology	
The assessment of disease status by the monitoring of antigen-antibody reactions using the following techniques:	
<i>(a)</i> Agglutination tests (plate/card)	20.00
<i>(b)</i> Agar gel immunodiffusion tests	25.00
<i>(c)</i> Serum agglutination tests (e.g. Brucella)	20.00
<i>(d)</i> Complement Fixation Tests	20.00
<i>(e)</i> ELISA, (Enzyme Linked Immunosorbent Assay) Tests	20.00
<i>(f)</i> SNAP® EIA (Enzyme Immunoassay) Tests	30.00
11. Clinical Chemistry	
Determination of levels of the following enzymes, metabolites and electrolytes for the diagnosis and prognosis of disease:	
<i>(a)</i> Blood Urea Nitrogen	25.00
<i>(b)</i> Alanine Aminotransferase	25.00
<i>(c)</i> Aspartate Amniotransferase	25.00
<i>(d)</i> Creatine Phosphokinase	25.00
<i>(e)</i> Lactate Dehydrogenase	25.00
<i>(f)</i> Bilirubin (total)	25.00
<i>(g)</i> Bilirubin (direct)	25.00
<i>(h)</i> Cholesterol	25.00

PARTICULARS	FEE
(i) Glucose	25.00
(j) Calcium	25.00
(k) Phosphorus	25.00
(l) Albumin	25.00
(m) Total Protein	25.00
(n) Creatinine	25.00
(o) Lipase	25.00
(p) Amylase	25.00
(q) Magnesium	25.00
(r) Triglycerides	25.00
(s) Electrolytes (Sodium, Potassium, Chloride)	25.00
(t) Profiles of four or more of the above tests	90.00
12. Evaluation of Pancreatic function	25.00
13. Urinalysis	
Examination and analysis of urine	20.00
Analysis of urinary calculi	20.00
14. Parasitology	
Routine faecal flotation	15.00
MacMaster counts, faecal counts	20.00
Baermann	25.00
Examination of gut scrapings	15.00
KOH digestion and microscopic examination of skin scrapings for external parasites	15.00

PARTICULARS	FEE
15. Food Safety Testing and Food Microbiology	
Isolation and identification of food borne pathogens (per test)	
(a) Salmonella spp	25.00
(b) Campylobacter	25.00
(c) Listeria sp	25.00
(d) Clostridium sp	25.00
(e) Enteropathogenic E. coli	25.00
(f) Escherichia coli O157:H7	25.00
(g) Bacillus cereus	25.00
(h) Other food borne pathogens	25.00
Bacterial counts	25.00
BacTrac analysis	25.00
Commercial sterility tests (per test)	25.00
16. Veterinary Drug Residue Testing	
Charm Antibiotic Residue analysis	20.00
SIX Plate Drug Residue tests	20.00
ELISA tests for drugs	20.00
Polymerase Chain Reaction tests (PCR) (species i.d. and other)	40.00

PART B**GOVERNMENT ANALYTICAL SERVICES***(Paragraph 2)***THE LAWS OF BARBADOS**Printed by the Government Printer, Bay Street, St. Michael
by the authority of the Government of Barbados

PARTICULARS	FEES
	\$
1. Test on a sample of water to determine the levels of:	
<i>(a)</i> Alkalinity	25.00
<i>(b)</i> Ammonia - N	45.00
<i>(c)</i> Bicarbonate	25.00
<i>(d)</i> Biological Oxygen Demand (BOD)	50.00
<i>(e)</i> Calcium	30.00
<i>(f)</i> Carbonates	25.00
<i>(g)</i> Chemical Oxygen Demand (COD)	45.00
<i>(h)</i> Chloride by Titration	25.00
<i>(i)</i> Chloride by Ion Chromatography	45.00
<i>(j)</i> Chromium	30.00
<i>(k)</i> Copper	30.00
<i>(l)</i> Dissolved Iron	30.00
<i>(m)</i> Dissolved Manganese	30.00
<i>(n)</i> Electrical Conductivity	15.00
<i>(o)</i> Lead	30.00
<i>(p)</i> Manganese	30.00
<i>(q)</i> Mercury	40.00
<i>(r)</i> Nitrate-Nitrogen by Cadmium Reduction	45.00
<i>(s)</i> Nitrate-Nitrogen	45.00
<i>(t)</i> Ortho-Phosphorus	45.00

PARTICULARS	FEES
(u) pH	15.00
(v) Potassium	30.00
(w) Sodium	30.00
(x) Sulphates by Ion Chromatography	45.00
(y) Total Dissolved Solids (TDS)	30.00
(z) Total Hardness	30.00
(aa) Total Iron	30.00
(bb) Total Kjeldahl Nitrogen	40.00
(cc) Total Manganese	30.00
(dd) Total Phosphorus	45.00
(ee) Total Solids	30.00
(ff) Total Suspended Solids (TSS)	30.00
(gg) Zinc	30.00
(hh) Total Suspended Solids & Volatile Solids	50.00
2. Test on a sample of soil to determine the levels of:	
(a) Alkalinity	25.00
(b) Ammonia - N	45.00
(c) Available Iron, Copper, Zinc, Manganese	90.00
(d) Calcium Carbonate	30.00
(e) Cation Exchange Capacity (CEC)	60.00
(f) Chloride by Titration	25.00
(g) Electrical Conductivity	15.00

PARTICULARS	FEES
<i>(h)</i> Exchangeable Sodium, Potassium, Calcium, Magnesium	90.00
<i>(i)</i> Extractable Potassium, Magnesium	60.00
<i>(j)</i> Mechanical analysis	30.00
<i>(k)</i> Nitrate, Phosphorus, Potassium (NPK)	100.00
<i>(l)</i> Organic matter	45.00
<i>(m)</i> Particle size	45.00
<i>(n)</i> pH	15.00
<i>(o)</i> Phosphorus (Olsen)	45.00
<i>(p)</i> Soluble Potassium	30.00
<i>(q)</i> Soluble Sodium	30.00
<i>(r)</i> Sulphates	45.00
<i>(s)</i> Total Kjeldahl Nitrogen	40.00
3. Test on a sample of foliage to determine the levels of:	
<i>(a)</i> Nitrogen	50.00
<i>(b)</i> Phosphorus	50.00
<i>(c)</i> Potassium	50.00
<i>(d)</i> Sodium	50.00
<i>(e)</i> Trace Metals	30.00 (per metal)
4. Test on a sample of fertilizer to determine the levels of:	
<i>(a)</i> Phosphorus	50.00
<i>(b)</i> Potassium	50.00

PARTICULARS	FEES
(c) Total Nitrogen	50.00
(d) Trace Metals	30.00 (per metal)
5. Test on a sample of waste water to determine the levels of:	
(a) Total Phosphorus	45.00
(b) Total Metals (maximum of 4 trace metals)	90.00
6. Test on a sample of water to determine composite:	
(a) pH	120.00
(b) electrical conductivity	120.00
(c) Sodium	120.00
(d) Potassium	120.00
(e) Calcium	120.00
(f) Magnesium	120.00
(g) Chloride	120.00
7. Test on:	
(a) one sample of water as at 6 above plus a maximum of 5 trace metals	240.00
(b) 10 or more samples in the same batch	10% discount
8. Test on a sample of water to determine the level of the following pesticide residues or petroleum hydrocarbons using Gas Chromatography or High Performance Liquid Chromatography:	
(a) 2, 4-D Amine	100.00

PARTICULARS	FEES
<i>(b)</i> Atrazine/Ametryne/Deethylatrazine/ Deisopropylatrazine	105.00
<i>(c)</i> Fuel Fingerprint	115.00
<i>(d)</i> Benzene, Toluene, Ethyl Benzene, Xylene (BTEX)	95.00
<i>(e)</i> Gramoxone	90.00
<p>9. Test on a sample of soil or vegetable matter to determine the level of the following pesticide residues or petroleum hydrocarbons using Gas Liquid Chromatography or High Performance Liquid Chromatography:</p> <p><i>(a)</i> 2, 4-D Amine</p>	150.00
<i>(b)</i> Atrazine/Ametryne/Deethylatrazine/ Deisopropylatrazine	150.00
<i>(c)</i> Fuel Fingerprint	95.00
<i>(d)</i> Benzene, Toluene, Ethyl Benzene, Xylene (BTEX)	95.00
<p>10. Test on a sample of water or soil to determine the levels of the following residues using Ultra-Violet or Infra-red Spectroscopy:</p> <p><i>(a)</i> Oils and Grease</p>	80.00
<i>(b)</i> Surfactants	60.00
<i>(c)</i> Gramoxone	90.00
<p>11. Test on a sample of water to determine the level of the following micro-organisms:</p> <p><i>(a)</i> Total coliform by Membrane Filtration (MF)</p>	25.00
<i>(b)</i> Total coliform by Multiple Tube Fermentation (MTF)	20.00

PARTICULARS	FEES
(c) Total coliform and <i>Escherichia coli</i> by rapid chromogenic/fluoregenic substrate method	35.00
(d) Total coliform confirmation test	10.00
(e) Faecal coliform by Membrane Filtration	25.00
(f) Faecal coliform confirmation test	10.00
(g) <i>Escherichia coli</i> by Membrane Filtration (recreational water)	30.00
(h) <i>Escherichia coli</i> by Membrane Filtration (potable water)	30.00
(i) <i>Escherichia coli</i> confirmation test	10.00
(j) Total coliform and Faecal coliform confirmation tests	15.00
(k) Total coliform and Faecal coliform and <i>Escherichia coli</i> confirmation tests	20.00
(l) Faecal streptococcus by Membrane Filtration	25.00
(m) Faecal streptococcus by Multiple Tube Fermentation	20.00
(n) Faecal streptococcus confirmation test	15.00
(o) Enterococcus by Membrane Filtration	30.00
(p) Enterococcus by Multiple Tube Fermentation	20.00
(q) Enterococcus by Rapid Method (potable water)	35.00
(r) Enterococcus by Rapid Method (recreational water)	35.00
(s) Enterococcus confirmation test	15.00
(t) <i>Pseudomonas aeruginosa</i> by Membrane Filtration	25.00

PARTICULARS	FEES
(u) <i>Pseudomonas aeruginosa</i> confirmation test for MF method	15.00
(v) <i>Pseudomonas aeruginosa</i> by Multiple Tube Fermentation	25.00
(w) <i>Pseudomonas aeruginosa</i> confirmation test for MTF method	15.00
(x) <i>Staphylococcus/S.aureus</i> by Membrane Filtration	20.00
(y) Heterotrophic Plate Count (HPC) by Pour Plate Method	25.00
(z) <i>Cryptosporidium</i> & <i>Giardia</i> by the calcium carbonate flocculation method	40.00
(aa) Fungi	20.00
12. Examination of a sample by microscopy to determine the level or presence or absence of microorganisms.	10.00
13. Test on a soil or sediment sample to determine the level or presence or absence of the following microorganisms:	
(a) Total coliform by Multiple Tube Fermentation	20.00
(b) Faecal coliform by Multiple Tube Fermentation	25.00
14. Test on a sample of food to determine the presence or absence of:	
(a) Yeast or mould	25.00
(b) the following organisms:	
(i) <i>Bacillus cereus</i>	40.00
(ii) <i>Campylobacter sp.</i>	40.00

PARTICULARS	FEES
(iii) <i>Clostridium perfringens</i>	40.00
(iv) <i>Staphylococcus aureus</i>	30.00
(v) <i>Salmonella sp.</i>	30.00
(vi) <i>Listeria species</i>	40.00
15. Test on a sample of food to determine the level of bacteria:	
(a) Aerobic plate count - pour plate method	25.00
(b) Total coliform count - most probable number method	25.00
(c) Faecal coliform count - most probable number method	25.00
(d) <i>Staphylococcus aureus</i> - direct plate count method	40.00
(e) <i>Staphylococcus aureus</i> - most probable number method	30.00
(f) <i>Pseudomonas</i> count - most probable number method	25.00
16. Identification of foreign matter in food or drink	20.00
17. Test on a sample of oil or other liquids to determine:	
(a) Specific gravity	15.00
(b) Flash point	20.00
(c) Refractive index	15.00
18. Test on a sample of syrup or other applicable liquid to determine:	

PARTICULARS	FEES
(a) the level of its acidity (pH)	15.00
(b) an estimate of its solids content (°Brix)	15.00
19. Test on an edible oil or fat to determine:	
(a) Specific Gravity	15.00
(b) Refractive Index	15.00
(c) Acid value	25.00
(d) Iodine number value	25.00
(e) Saponification number value	25.00
(f) Peroxide value	25.00
(g) Fatty acid consumption	90.00
20. Test on a sample of sugar or other optically active substance to determine polarization or optical rotation	35.00
21. Test on a sample of distilled liquid or alcohol to determine:	
(a) Obscuration	30.00
(b) Degree of colouration	50.00
22. Test on a sample of alcohol or alcoholic beverage to determine the level of:	
(a) Alcohol	30.00
(b) Total solids	30.00
(c) Total acids	30.00
(d) Volatile acids	30.00
(e) Total esters	30.00

PARTICULARS	FEES
<i>(f)</i> Total aldehydes	30.00
<i>(g)</i> Congeners - any or all of the following:	90.00
<i>(i)</i> acetaldehyde	
<i>(ii)</i> ethyl acetate	
<i>(iii)</i> methanol	
<i>(iv)</i> n-propyl alcohol	
<i>(v)</i> higher alcohols	
<i>(h)</i> Fusel oils	75.00
<i>(i)</i> Furfural	90.00
<i>(j)</i> Tannin	75.00
<i>(k)</i> Sulphur dioxide	75.00
<i>(l)</i> Colourant	90.00
23. Test on a sample of food or food product or any other applicable product or substance to determine the content of:	
<i>(a)</i> Moisture	30.00
<i>(b)</i> Fat	30.00
<i>(c)</i> Protein/total nitrogen	40.00
<i>(d)</i> Ash	30.00
<i>(e)</i> Crude fibre	40.00
<i>(f)</i> Salt	30.00
<i>(g)</i> Reducing sugars	30.00
<i>(h)</i> Total sugars	30.00
<i>(i)</i> Sucrose	45.00

PARTICULARS	FEES
<i>(j)</i> Total acids	25.00
<i>(k)</i> Total solids	30.00
<i>(l)</i> Water-insoluble solids	30.00
<i>(m)</i> Soluble solids	30.00
<i>(n)</i> Nitrite	45.00
<i>(o)</i> Nitrate	45.00
<i>(p)</i> Phosphorus	45.00
<i>(q)</i> any metallic element using flame atomic absorption spectrometry:	
<i>(i)</i> when significant pre-instrumental sample preparation is required	50.00
<i>(ii)</i> in cases other than <i>(i)</i>	30.00
<i>(r)</i> Any metallic element using graphite furnace atomic absorption spectrometry:	
<i>(i)</i> when significant pre-instrumental sample preparation is required	50.00
<i>(ii)</i> in cases other than <i>(i)</i>	
<i>(s)</i> Any constituent listed above or any constituent not elsewhere specified or included, using:	
<i>(i)</i> Ultra-violet or visible spectrometry	50.00
<i>(ii)</i> Liquid chromatography (Ion or high performance)	60.00
<i>(iii)</i> Gas chromatography	90.00
<i>(iv)</i> Any means other than <i>(i)</i> - <i>(iii)</i>	40.00

PARTICULARS	FEES
24. Test on a sample for the purpose of its identification or the identification of the constituent thereof, using:	
(a) Infra-red spectrometry	65.00
(b) Liquid chromatography	60.00
(c) Gas chromatography	60.00
(d) Gas chromatography with mass selective detector	120.00
(e) Ultra-violet or visible spectrometry	60.00
(f) Paper or thin layer chromatography	15.00
(g) Any means other than (a) - (f)	20.00
25. Preparative procedures used in sample analysis:	
(a) Dry ashing (furnace)	10.00
(b) Acid digestion	10.00
(c) Solid phase extraction	15.00
(d) Liquid-liquid extraction	15.00
26. Collection of samples	100.00 (per hour)
27. Use of sampling equipment	30.00

PART C**GREENLAND LIVESTOCK RESEARCH STATION**

PARTICULARS	FEE
	\$

PARTICULARS	FEE
1. Stud services in respect of	\$
<i>(a)</i> Sheep	1.00
<i>(b)</i> Goats	1.00
<i>(c)</i> Pigs	3.00
2. Sale of the following produce:	
<i>(a)</i> Eggs	0.30 (each)
<i>(b)</i> Broilers	5.95 (per kilo)
<i>(c)</i> Milk	2.75 (per litre)
3. Sale of the following weaners:	
<i>(a)</i> Lambs	50.00
<i>(b)</i> Goats	
<i>(i)</i> Males	60.00
<i>(ii)</i> Females	75.00
<i>(c)</i> Pigs	75.00

PART D

SOIL CONSERVATION UNIT

PARTICULARS	FEE
	\$
1. Rental of the following heavy equipment:	
<i>(a)</i> D8K Caterpillar	350.00
<i>(b)</i> D8L Caterpillar	350.00

PARTICULARS	FEE
<i>(c)</i> D6 Caterpillar	165.00
<i>(d)</i> D65 EX Caterpillar	165.00
<i>(e)</i> 320 BL Excavator	175.00
<i>(f)</i> PC 200LC Excavator	175.00
<i>(g)</i> D4 Caterpillar	175.00
<i>(h)</i> Case Backhoe	100.00
<i>(i)</i> JCB Backhoe	100.00
<i>(j)</i> Wheel Tractors	90.00
2. Capture of Stray Livestock:	
<i>(a)</i> Capture by gun	75.00
<i>(b)</i> Capture by rope	50.00
3. Sale of the following fruit trees:	
<i>(a)</i> Budded or grafted	12.00 (each)
<i>(b)</i> Plants from cuttings	8.00 (each)
<i>(c)</i> Plants from seedlings	6.00 (each)
4. Sale of the following produce:	
<i>(a)</i> Mangoes	1.50 (per pound)
<i>(b)</i> Carambola	1.50 (per pound)
<i>(c)</i> Guavas	1.50 (per pound)

PARTICULARS	FEE
<i>(d)</i> Passion Fruit	1.50 (per pound)
<i>(e)</i> Golden Apples	1.50 (per pound)
5. The following soil preparation activities:	
<i>(a)</i> Ploughing	80.00 (per acre)
<i>(b)</i> Furrowing	64.00 (per acre)
<i>(c)</i> Harrowing	80.00 (per acre)