



# INSECT IDENTIFICATION SERVICE

The Medical Entomology Laboratory provide an insect identification to cater the needs of industries and public.

## PREPARING SAMPLE

- Collect between 1-10 insects; undamaged sample if possible.
- If damage sample, please include of all of possible fragment that available.

## SOFT BODIED INSECTS

- Place the soft-bodied in 80% alcohol in a small bottle.
- The amount of alcohol must be enough to cover the body of the insect.

## LARGE BODIED INSECT

- Adult insects can be killed by placing in the freezer for few hours.
- Wrap it in paper towel/ tissue and place it in container.
- Send the sample immediately to us to avoid discolouration and further damaging on the insects.

## SMALL BODIED INSECT (ie mites)

- Gently wipe up with a small piece of wet damp paper towel/ tissue. You might use damp small paint brush to collect.
- Place it in tight-lidded container.
- If sample collected using sticky tape, please DO NOT fold over the tape. Securely place the tape SIDE UP in a container. Please ensure that the sticky side is not touch anything that may cause the damage to the sample.

## PHOTO OF INSECTS

- Send the clear picture of insect with high resolution. State the actual size of the insect.

## PACKAGING THE MATERIALS

- Place the sample in a container prior to shipping. DO NOT directly place in the envelope; to avoid damages.

## SENDING THE SAMPLE

- You must include the “Insect Diagnostic Service Specimen Form”
- Please complete the form as accurate as possible.
- Information requires are:
  - ✓ Details of sender
  - ✓ Date of sample taken
  - ✓ Place the insect was found
  - ✓ Location and brief description of any damages on sample
  - ✓ Any require additional information

## RECEIVING RESULTS

- Results can be issue by email or phone call.
- We will usually send the results within 5 working days for the date of receiving sample.
- We will try to identify to species level if possible. The identification sometimes depending on the condition of the sample.
- We will advice if the sample requires molecular identification for further analysis. This requires extra cost.

## PRICING

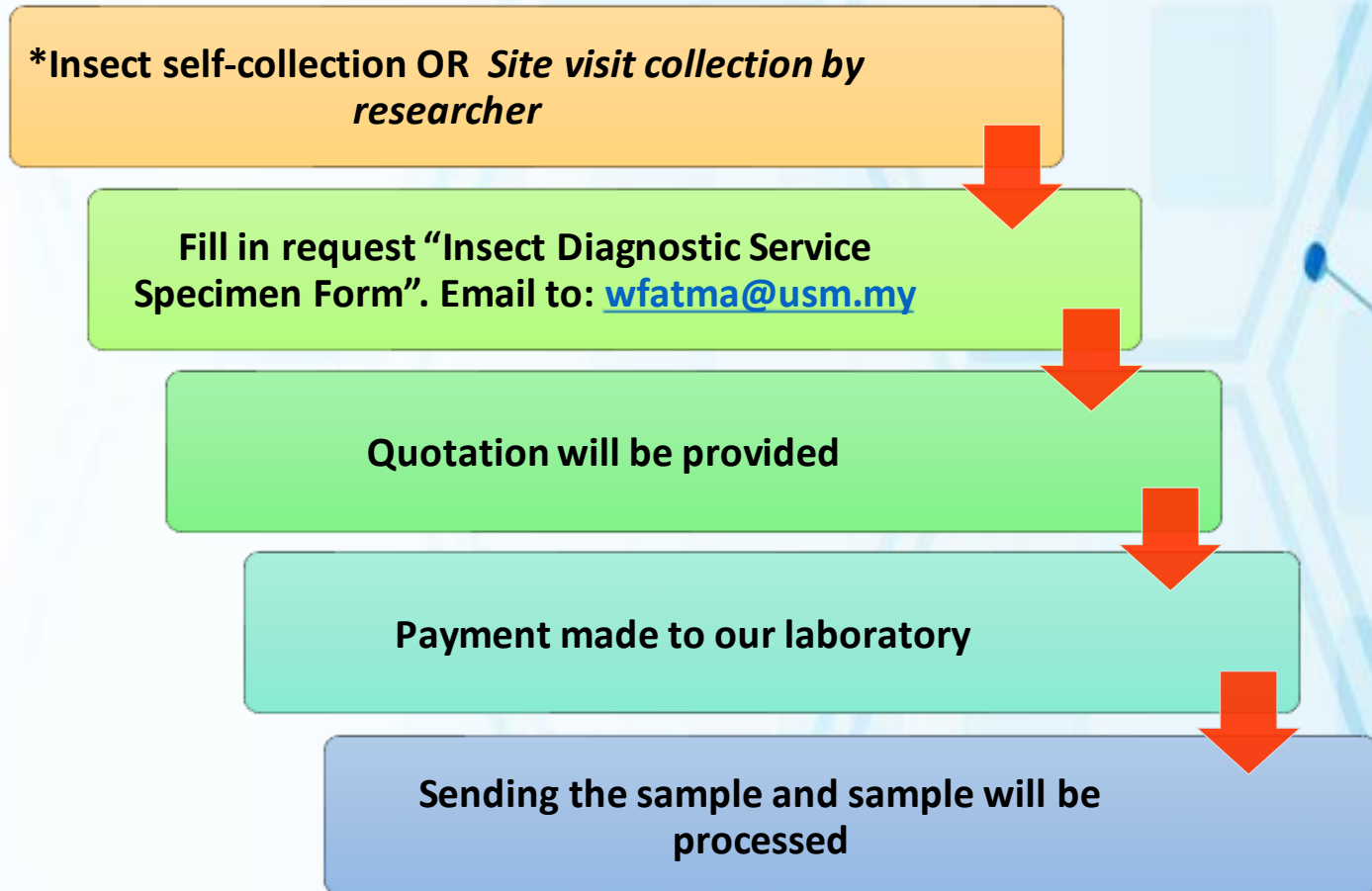
- Pricing may be different by sample numbers and services.
- Quotation will be email to you prior to analysis.

## POSTING YOUR SAMPLE

Send the sample to:

Assoc. Prof. Ts. Dr. Wan Fatma Zuharah  
Medical Entomology Laboratory  
School of Biological Sciences  
Universiti Sains Malaysia  
11800 Minden, Penang  
MALAYSIA  
Email: [wfatma@usm.my](mailto:wfatma@usm.my)  
Phone: +60-4-653 6130

# INSECT IDENTIFICATION SERVICE PROCESS



- \* Identification will be issued within 5 working days for the date of receiving.
- \* Damage sample will take longer time to be identified.
- \* Site visit date for collection is subjected to the availability of researcher.



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Laboratory Use Only	
Date received	
Sample No	
Invoice No.	

## INSECT DIAGNOSTIC SERVICE SPECIMEN FORM

Name:	Address:
Company:	
Email:	Town:
Phone:	Postcode/Zip:
	State:

### Type of identification:

Basic identification

Molecular identification

Site visit for collection

### Date sample was found:

Location of sample (Place, State, GPS location):

Where do you found the sample? (Kind of plant, food, indoor, outdoor)

If indoor, state the place of collection: (House, office, bathroom, room, floor etc.)

If associate with plant, state the kind of plant: (Ornamental, fruit, vegetable etc.)

Nature and extend of problem: (Symptom, damage, distribution, host, density of insects, etc.)

### Contact Person:

Assoc. Prof. Ts. Dr. Wan Fatma Zuharah  
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Universiti Sains Malaysia  
11800 Minden, Penang  
MALAYSIA  
Email: [wfatma@usm.my](mailto:wfatma@usm.my)  
Phone: +60-4-653 6130

### \* Price estimation

- Single sample basic identification: RM63
- More than 10 sample will be discounted at 5%
- Molecular identification RM600-700
- Site visit for collection (within Malaysia): RM450-500

\*Subjected to 6% GST charges