

# Annexures

Format 1

## Malaria, Filaria and Other Vector Mosquito (Adult) Density

State: \_\_\_\_\_

1. District name: : \_\_\_\_\_
2. P.H.C. name and population under spray: \_\_\_\_\_

3. Locality: \_\_\_\_\_

4. Date of collection: 

--	--	--	--	--	--	--	--

5. Time of collection: \_\_\_\_\_

6. Insecticide sprayed: \_\_\_\_\_

7. Spray coverage %: 

	Population	Houses	Rooms	CS

8. Date of spray: 

--	--	--	--	--	--	--	--

9. Time spent in hours: 

Indoor	Outdoor

10. Vectors of Malaria

<u>Species</u>	<u>Male</u>	<u>Female</u>	<u>MHD</u>

11. Vectors of Filaria

<u>Species</u>	<u>Male</u>	<u>Female</u>	<u>MHD</u>

12. Vectors of JE

<u>Species</u>	<u>Male</u>	<u>Female</u>	<u>MHD</u>

13. Vectors of Dengue/ Zika/ Chikungunya

<u>Species</u>	<u>Male</u>	<u>Female</u>	<u>MHD</u>

**Density of Vectors (Adult) of Kala-azar**

State: \_\_\_\_\_

1. District Name: \_\_\_\_\_

2. P.H.C. Name and population under spray: \_\_\_\_\_

3. Locality: \_\_\_\_\_

4. Date of collection: 

--	--	--	--	--	--	--	--

5. Time of collection: \_\_\_\_\_

6. Insecticide sprayed: \_\_\_\_\_

7. Spray coverage %: 

	Population	Houses	Rooms	CS

8. Date of spray: 

--	--	--	--	--	--	--	--

9. Time spent in Hours 

Indoor	Outdoor

10. Vectors of Kala Azar  

<i>Species</i>	<i>Male</i>	<i>Female</i>	<i>MHD</i>

### Susceptibility Test Adult Mosquito Form

State: \_\_\_\_\_

District Name: \_\_\_\_\_

P.H.C. Name or Name of locality: \_\_\_\_\_ Date of test: 

--	--	--	--	--	--	--	--	--

Exposure period: 

--	--	--	--	--	--	--	--

	Vector Species			Vector Species			Vector Species			Vector Species		
	TT	D	% MORT	TT	D	% MORT	TT	D	% MORT	TT	D	% MORT
O.C. – Control												
D.D.T. 4%												
O.P. – Control												
M.L.N. 5%												
Fenitro 1% CB												
– Control												
Propoxure												
S.P. – Control												
Deltamethrin												
Cyfluthrin												
Lambdacyhalothrin												

Temperature:    Maximum:                      Minimum:                      Relative humidity:

TT = Total taken, D - Dead, MORT = Mortality



### Dissection Form

State: \_\_\_\_\_

District Name: \_\_\_\_\_

P.H.C. Name or Name of locality: \_\_\_\_\_ Date:

D	D	M	M	Y	Y	Y	Y
---	---	---	---	---	---	---	---

Abdominal condition: (Give the number of mosquitoes)

U.F.	_____	F	_____	S.G.	_____	G	_____
------	-------	---	-------	------	-------	---	-------

#### 1. Malaria

Particulars	Number of Dissected	Number of Positive				
Gut						
Gland						
Ovarian Dissection	Number of Dissected	Nulliparous	Parous (P)			
			I	II	III	IV

#### 2. Filariasis

Particulars Numl of Positive	Number of Dissected			Number of MF Positive	
	I	II	III	III Only	
Number of <del>ve</del> for infection with larval stage					
U.F. Unfed	F Full Fed	S.G. Semi gravid		Gravid	

### Whole Night Vector Biting/ Landing Collection

State: \_\_\_\_\_

District Code 

--	--	--	--	--	--

PHC Name: \_\_\_\_\_

Date: 

D	D	M	M	Y	Y	Y	Y
---	---	---	---	---	---	---	---

Time of Collection(hr): \_\_\_\_\_

Number of Human Baits: \_\_\_\_\_

Number of Animal Baits: \_\_\_\_\_

Weather conditions (Tick mark):

Windy

Rainy

No Wind

Fog

Cloudy

Night hours of Collection	Vectors collected per human bait		Vectors collected per human bait		Vectors collected per human bait	
	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
18-19 Hours						
19-20 Hours						
20-21 Hours						
22 -23 Hours						
23-00 Hours						
00-01 Hours						
01-02 Hours						
02-03 Hours						
03-04 Hours						
04-05 Hours						
05-06 Hours						

### Space Spray Total Catch (Pyrethrum Spray)

State: \_\_\_\_\_

District Name: \_\_\_\_\_

PHC Name: \_\_\_\_\_

Date

Time of Collection \_\_\_\_\_  
in Hours

Date of last spray

Name of Insecticide \_\_\_\_\_

1. Place of Collection (Tick Mark)      Human Dwelling      Mixed Dwelling      Cattle Shed

2. Total number of Mosquitoes collected Species- wise

Malaria Vectors			Other Anophelines			Culicine			Kala-azar vectors		
Vectors	Species	No. Collected	Vectors	Species	No. Collected	Vectors	Species	No. Collected	Vectors	Species	No. Collected

Weather conditions      Windy      Rain      Dry      Cold      Hot

**Contact Bio-assay**

State: \_\_\_\_\_

District name: \_\_\_\_\_

PHC Name: \_\_\_\_\_

Date:

Species Name: \_\_\_\_\_

Insecticide sprayed: \_\_\_\_\_

Date Sprayed \_\_\_\_\_ Exposure period

<b>Abdominal condition (Female):</b>	Full fed:	Gravid:	Unfed:
<b>Control:</b>	No. Exposed:	No. Dead:	% Mortality:
<b>On contact Surface:</b>	No. Exposed:	No. Dead:	% Mortality:
<b>Temperature:</b>		<b>Relative Humidity:</b>	



### Performa for *Aedes Larval* Survey

State: \_\_\_\_\_ Town/Village: \_\_\_\_\_ Locality: \_\_\_\_\_ Week Ending: ----- Month ... / year.....

Sl. No.	House No. Name of the owner (No. of occupants)	Water Tanks (All types)		Containers (all types & materials)		Used Tyres (Cycle/ Motor etc.)		Desert Coolers		Rainwater collection sites		Leaking water supply		Garden ponds/ pools/tree holes/ irrigation stagnant water		Discarded Materials(coconut shells /scrapes/ plastics)		Misc. Any others	
		S	FP	S	FP	S	FP	S	FP	S	FP	S	FP	S	FP	S	FP	S	FP

S= Searched, FP = Found Positive

$$\text{House Index} = \frac{\text{No. of Houses +ve for Aedes Larva}}{\text{Houses Searched}} \times 100$$

$$\text{Container Index} = \frac{\text{No. of containers +ve for Aedes Larva}}{\text{No. of Containers Searched}} \times 100$$

$$\text{Pupal Index} = \frac{\text{Number of Aedes pupae}}{\text{Number of houses inspected}} \times 100$$

$$\text{Breteau Index} = \frac{\text{No. of containers +ve for Aedes Larva}}{\text{No. of Houses Searched}} \times 100$$

**Note:**

- *Aedes aegypti* eggs cannot easily be detected by the untrained eye. Eggs require a drying period to produce the next generation of larvae. It is, therefore, essential to kill the Aedes eggs by scrubbing to dislodge and destroy eggs while cleaning the water storage facilities/desert coolers etc.
- For BI minimum of 100 houses must be surveyed; if 100 houses are not surveyed, then BI is irrelevant.
- Area-specific breeding habitat to be searched/ included.

## Mosquito Larval Collection Form

- District :
- CHC/PHC :
- Village :
- Date of Collection :
- No. Checked :

S. No.	Breeding Places	Vector Species	No. of +ve
1.	Sullage water drains		
2.	Cesspits		
3.	Cesspools		
4.	Septic tanks		
5.	O.H.T		
6.	Cisterns (freshwater)		
7.	Barrels		
8.	Earthen pitchers/containers		
9.	Rejected Tyres/utensils		
10.	Ornamental tanks		
11.	Well-unused		
12.	Wells used		
13.	Freshwater channels		
14.	Irrigation canals		
15.	Seepage water		
16.	Rice fields		
17.	Lakes		
18.	Pits/low-lying water collections		
19.	Rainwater collection		

