

Standard Operating Procedure: Mosquitoes Disinfestation

Disinfestation Specialists

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1. Objective: Disinfestation of mosquitoes by integrated approach larvicidal and adulticide treatments

2. Method of Disinfestation :

2.1 Preventive Measures:

2.1.1 Recommendation of proofing measures at windows with nets and air curtains at doors.

2.1.2. Placement of Insect Light Traps inside the premise

2.2 Curative Measures:

2.2.1 Residual spraying of pesticides at resting places of adult mosquitoes.

2.2.2 Application of insect growth regulators for larvae.

2.2.3 Thermal or cold fogging at outer areas.

2.2.3 Usage for repellents for adult mosquitoes.

2.3: Monitoring: Random counting of trapped mosquitoes at Insect Light Traps shall be maintained.

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3. Pesticides and other materials to be used:		
Sl. No.	Pesticide Active Ingredient	Dilution Ratio
1	Diflubenzuron 25%	10 gm/ 10 liter
2	Deltamethrin 2.5% SC	20 ml/liter
3	LambdaCyhalothrin 12.5% CS	12.5 ml/lit
4	Deltamethrin 1.25 % ULV	10ml/liter
5	Temephos 50EC	2ml/liter
4. Equipment's to be used		
4.1 Hand Compression Sprayer		
4.2 Fogging Machines		
5. Personnel Protection Equipment		
5.1 Hand Gloves		
6. Do's & Don'ts		
6.1 Do's		
6.1.1 Thorough assessment of areas to recommend proofing measures.		
6.1.2 Maintain proper spaces along wall to carry out adulticide treatment		
6.1.3 Remove breeding places for mosquitoes inside the premises.		
6.1.4 Recommend proper hygiene and sanitation practices.		
6. Do's & Don'ts		
6.2 Don'ts		
6.2.1 Don't eat, smoke and drink during treatment.		
6.2.2 Don't apply glue traps at dusty places.		
6.2.3 Don't apply any pesticides over rodent baits and glue traps.		
7. Documentation		
7.1 Services records should be completely filled with remarks and signatures from customer.		
7.2 Recommendation reports should be filled.		

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