

# MOSQUITO REDUCTION PROTOCOL



You can help homeowners and commercial clients reduce exposure to mosquito bites by conducting thorough inspections of properties for breeding sites, treating to control mosquitoes, or suggesting corrective actions.

## INSPECTION

Use this "*Mosquito Reduction Inspection Report*" as your basic guide for conducting a thorough survey of the property. Check off those sites identified during your inspection and note their location on the report. Look for structural elements that have a potential to provide breeding or resting sites for mosquitoes. Make note of any container that is holding, or has a potential to hold water. Also note any areas in the environment that provide potential for standing water or shaded resting sites.

## SOURCE REDUCTION

The best way to prevent mosquito breeding is to remove stagnant water. Physically remove the item that has potential to hold stagnant water. Instruct homeowners to change water in birdbaths, pet dishes, flowerpots and urns, etc. on a weekly basis (remember the seven-day life cycle). Mechanical alteration of potential water-containing items (using drain plugs / drilling holes) will prevent them from retaining water.

## CULTURAL CONTROLS

Cultural methods may be utilized to reduce the potential sources of mosquito breeding or to eliminate potential resting sites that will attract adult mosquitoes. Cultural methods include proper mowing, screening, correcting drainage and mechanical alteration of these potential sites. Standing water in small ponds or pools can be helped by using pumps and filters to prevent stagnation.

## TREATMENT METHODS

### Larvacides

Application of EcoRaider ER-3 as a larvacide to birdbaths, urns, tree holes, old tires, rain barrels, water gardens, flower pots, roof gutters, pool covers, ornamental fountains, abandoned swimming pools or other water holding receptacles will result in larvae being controlled before the adult is free to fly off.

### Adulticides

Barrier treatments with EcoRaider ER-3 will provide longer lasting controls to areas where mosquitoes hide and rest. Barrier controls are applied as a light mist with a sprayer – preferably one with a high-volume air blast to push the product into the foliage and other difficult to reach spots. The light mist is applied to grass, shrubbery, foliage, under shaded areas such as storage sheds and decks, beneath eaves, around animal shelters, etc.

Space treatments can be rendered to quickly reduce adult populations of mosquitoes in limited areas for special occasions such as picnics, parties, weddings, etc. for short periods of time.

## REPORTING AND COMMUNICATION

Proper use of the "*Mosquito Reduction Inspection Report*" on each visit is vital in establishing good customer relations and enlisting the customer's support in the mosquito reduction program. Be sure to identify all applicable breeding sites and check off the appropriate control strategy and control method for each. Together you and your customer can reduce their exposure to mosquito bites and help prevent the spread of mosquito-borne illnesses. **You** are indeed a protector of public health.

Date: \_\_\_\_\_ Inspector: \_\_\_\_\_

Address: \_\_\_\_\_

### Control Strategy

### Control Method



Check if applicable	Breeding Site (potential)	Location (describe)	Source Reduction	Treatment	Larvacide	Adulticide	Cultural
<input type="checkbox"/>	Bird baths	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Boats, tarps, covers	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Bottles, jars, cans	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Buckets, pails	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Flower pots, urns	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Garbage cans, lids	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Grills (holding water)	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Garden equipment	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Tubs, catch basins	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Pet containers, supplies	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Toys, play sets	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Sandbox, wading pool	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Rain gutters, downspouts	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Drips, A/C, pipes	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Decks (underneath)	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Open crawl spaces	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Flat roofs	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Storage sheds	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Storm drains	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Meter box / valve box	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Tree holes	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Shrubs / bushes	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Plants (water holding)	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Weeds, thick grasses	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Wooded areas (shaded)	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Ditches, depressions	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Swamps, low spots	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Ponds, pools	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Old tires	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## MOSQUITO REDUCTION INSPECTION REPORT

Comments:

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