

DeltaGard 20EW

Use in Mosquito Control Programs | Fact Sheet

DeltaGard 20EW is an insecticide that is newly registered for use in Canada for wide area mosquito control. It belongs to the pyrethroid family. Pyrethroids are the man-made versions of pyrethrins, natural insecticides from chrysanthemum flowers. Deltamethrin, which is the active ingredient of DeltaGard 20EW, has been used for over 15 years world-wide and has the full recommendation by WHOPEP (*World Health Organization Pesticide Evaluation Scheme*). As a class, pyrethroids are the most widely-used insecticides for controlling adult mosquitoes by professionals in the world.

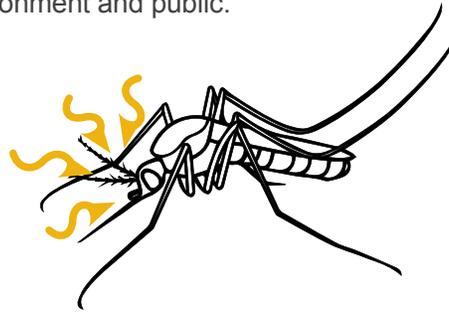


Why is the City using DeltaGard for adult mosquito control?

Malathion is no longer an option for adult mosquito control. The City has been working closely with mosquito control suppliers in the past few years to bring new products to Canada. DeltaGard is a reduced risk product with lower application rates and reduced risk for the environment and public.

How does DeltaGard 20EW work?

DeltaGard 20EW kills adult mosquitoes by direct contact and disrupts their normal nervous system functions.



Are there any health concerns related to using DeltaGard 20EW?

Based on the most current data for Deltamethrin which is the active ingredient in DeltaGard 20EW, the following information is available:

- Cancer classification – **Not likely** to be a carcinogen to humans by all routes of exposure.
- **Not** genotoxic or mutagenic.
- **Not** a development or reproductive toxicant.
- **Low** skin absorption.

How can I minimize my exposure to DeltaGard 20EW?

To reduce exposure, the following actions can be taken during an adult mosquito control program:

- Whenever possible, remain indoors during and immediately after spraying.
- Register for notification of mosquito control programs on the City's website.
- Close all windows and doors. Turn off air conditioning units and close vents to circulate indoor air before spraying begins.
- Bring laundry, toys and pets indoors before spraying occurs.
- Cover swimming pool surfaces when it is feasible.
- Wash homegrown fruit and vegetables with water before cooking or eating them.
- Rinse play equipment with water after spraying is finished.



What are the signs and symptoms from a brief exposure to DeltaGard 20EW?

Based on the most current data, it is not expected that people will experience any symptoms when DeltaGard 20EW is sprayed for adult mosquito control. If the precautions to minimize exposure mentioned above are taken, it is less likely that you would be overexposed to DeltaGard 20EW. However, if for some unforeseen reason you have been overexposed to DeltaGard 20EW, the most likely exposure is from skin exposure which may cause brief sensations such as tingling, burning, itching, numbness.

Can I register for a buffer zone?

If a fogging program is required, buffer zones will be respected and crews will ensure that the sprayer is not treating within 90 metres on each side of a registered property on the front street, side street and rear lane. For more information about registering for a buffer zone, please see winnipeg.ca/bugline.