

Become an Ambassador



Start a program to biologically
control biting insects in your
municipality



Driving Ecological Solutions
for a Better Living

Biological control of biting insects

Mosquitoes

Minimum intervention radius of one kilometer in stagnant waters for mosquito control.



Black flies

Minimum intervention radius of six kilometers in running waters for black fly control.



Why start a biological control program in your community?

Mosquitoes and black flies can be quite a nuisance. At GDG Canada, our priority is to reduce the presence of these insects in an ecologically-friendly way, using sound scientific approaches, so you can make the most of your outdoor activities. We have the most effective solution on the market. It is respectful of the environment and is based on the use of a Health Canada-approved biological larvicide called Bti.

The biological control of larval mosquito populations in aquatic environments is the most ecological and appropriate way to reduce nuisance caused by mosquitoes and black flies. Because we control the problem at the source, we can proudly guarantee an 80 to 95% reduction in perceived nuisance.

Our ecological solution provides quality of life to citizens, allowing them to enjoy outdoor activities without the need to apply harsh chemicals to their skin. It also contributes to preserving a given territory's wetlands, making it possible to live nearby nature, fully appreciating nature without the discomforts. Our program is a great development tool for over fifty communities in Ontario and Quebec that use biological nuisance control programs for biting insects to incite new families to settle in areas that were once afflicted by them.

Furthermore, the implementation of a biological control program is collectively profitable, as it helps significantly reduce expenses associated with the purchase of sprays, insecticides and citronella. Not to mention that said expenses often do not provide the desired effect.

Benefits of our biological control program

Impacts in your community

The significant reduction of nuisance caused by mosquitoes and black flies will lead to an increase in outdoor family and tourist activities. You will also see municipal structures, such as playgrounds and parks, enhanced. Here are a few of the benefits you can expect:

- Increase in tourist activities
- Increase in land and property values
- Better use of recreational municipal infrastructures
- Increase in family activities and access to summer activities
- Improved appreciation of the natural environment
- Significantly improved quality of life for citizens and visitors

Protection of public health

The biological control of biting insects helps reduce the number of skin lesions, infections, allergic reactions and the risk of transmission of diseases such as West Nile virus and eastern equine encephalitis. Moreover, the program reduces the use of chemical insecticides and insect repellents (DEET, Icaridin and others).

The **5** actions of an ambassador

1 Learn more about our program and Bti

Our website offers a wide range of information explaining our biological control program for mosquitoes and black flies. First, log on to www.gdg.ca to read about our program. Take a few moments to consult the **Citizen Space** section, read our case studies and the main scientific research on **Bti**. Being well informed about our services will make you more comfortable answering questions and explaining how the biological control program for biting insects can provide better quality of life.

2 Mobilize your neighbourhood

Your family, friends, neighbours and local merchants might not be familiar with our program. This is the perfect opportunity to bring it to their attention! Send them the information you found on our website and invite them to complete the survey in the **Citizen Space** section. The more people are mobilized, the more you can count on the process being a success.

3 Contact your elected officials

Elected officials like to feel that they have the population's support when taking on new projects. With the help of your neighbours and the people you have mobilized, express your interest in having a biological control program for biting insects. We recommend you write a short letter or email to your municipal advisor or mayor to that effect. Of course, your letter should mention your desire to launch a biological control program for biting insects in your municipality.

4 Build a committee and speak at municipal board meetings

Your elected officials have municipal board meetings on a regular basis. During these sessions, citizens can take the stand and discuss issues they feel strongly about. We suggest you use this opportunity to introduce yourself and expose the issue of biting insects in your community. Explain how the current situation is affecting your quality of life, and ask your elected officials to start a process to obtain a biological control program. You can also offer to set up a work committee to ensure each step of the project is completed.

5 Ask your elected officials to meet with GDG Canada experts

Your elected officials might want to learn more about the services offered by GDG Canada before moving forward with the implementation of a biological control program for biting insects. This is to be expected, as several environmental, economic and social elements need to be taken into consideration when setting up such a program. In this case, our experts would be more than happy to plan an information session just for them. This meeting would aim to answer the questions of the decision-makers and to define the parameters of a future project with them. The use and safety of Bti will be discussed, along with environmental impacts on the food chain. The main steps of the biological control program, implementation schedule, legal framework and ecological benefits will also be discussed.

Important !

It takes several months to prepare a biological control program for biting insects. The program must first be submitted to and authorized by the Ontario Minister of the Environment and Climate Change (MOECC). GDG Canada handles all of the preparatory steps and makes the requests for authorization in the fall preceding the program's implementation.



About us

GDG Canada has more than 35 years of experience in the biological control of biting insects. We work with several municipalities in Quebec, Labrador, New Brunswick and Ontario. We improve quality of life for more than one million Canadians in over fifty municipalities each year.

Contact us

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