



Driving Ecological Solutions for a Better Living

Role of Biorational Products for Vector Control
in Canada

March 1, 2017

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- We offer biological control of biting insects and much more
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Facts and figures



35 years of
experience



300+
employees



50+
municipal clients



5 aircrafts +200 vehicles
for our operations



1 000
successful turnkey programs



1 000 000+
mosquitoes identified



2 000 000+
citizens having a better quality of life

Other services offered

- Biological control of emerald ash borer and spruce budworm
- Invasive plant characterization
- Entomological support
- Large wastes and beaver dams georeferencing



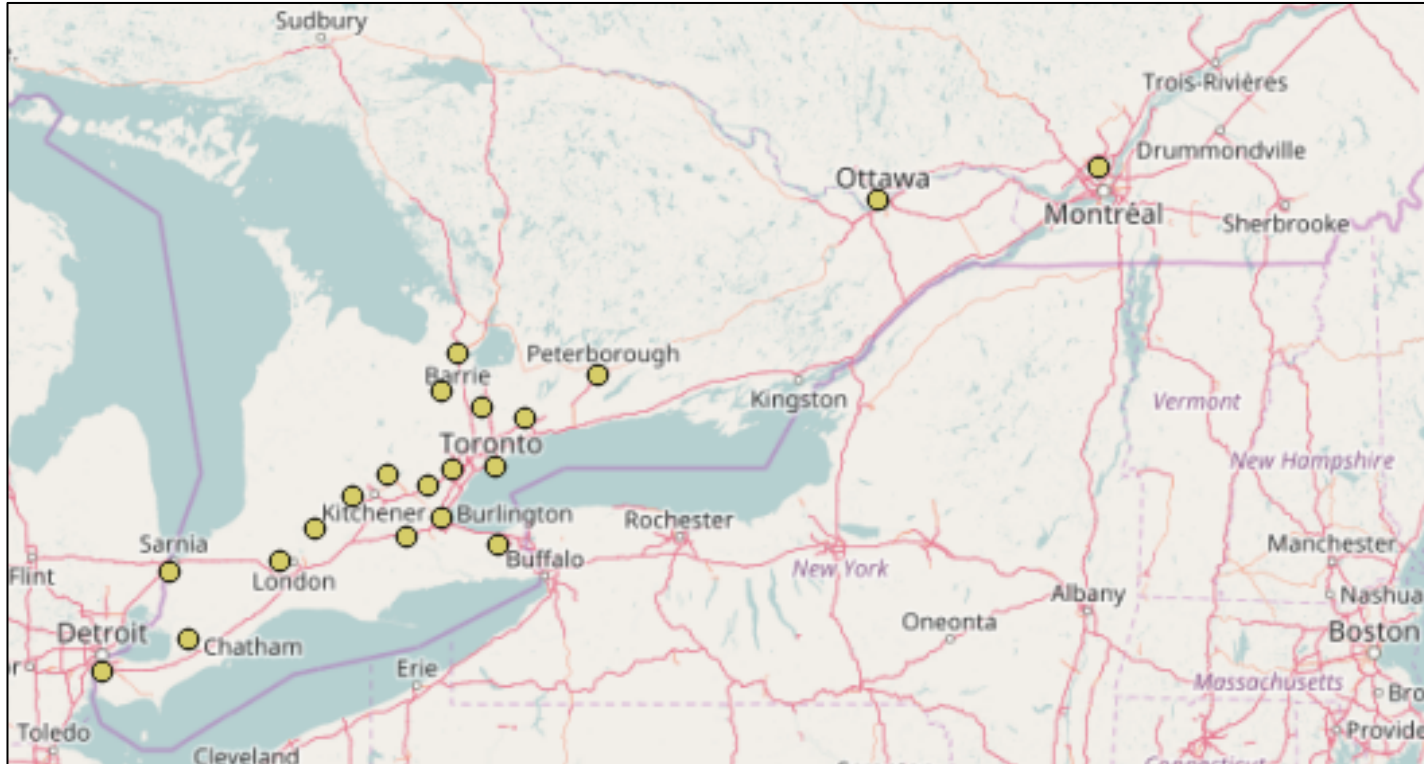
Benefits from a biological control of biting insect program

Mosquitoes and black flies can cause a lot of annoyance

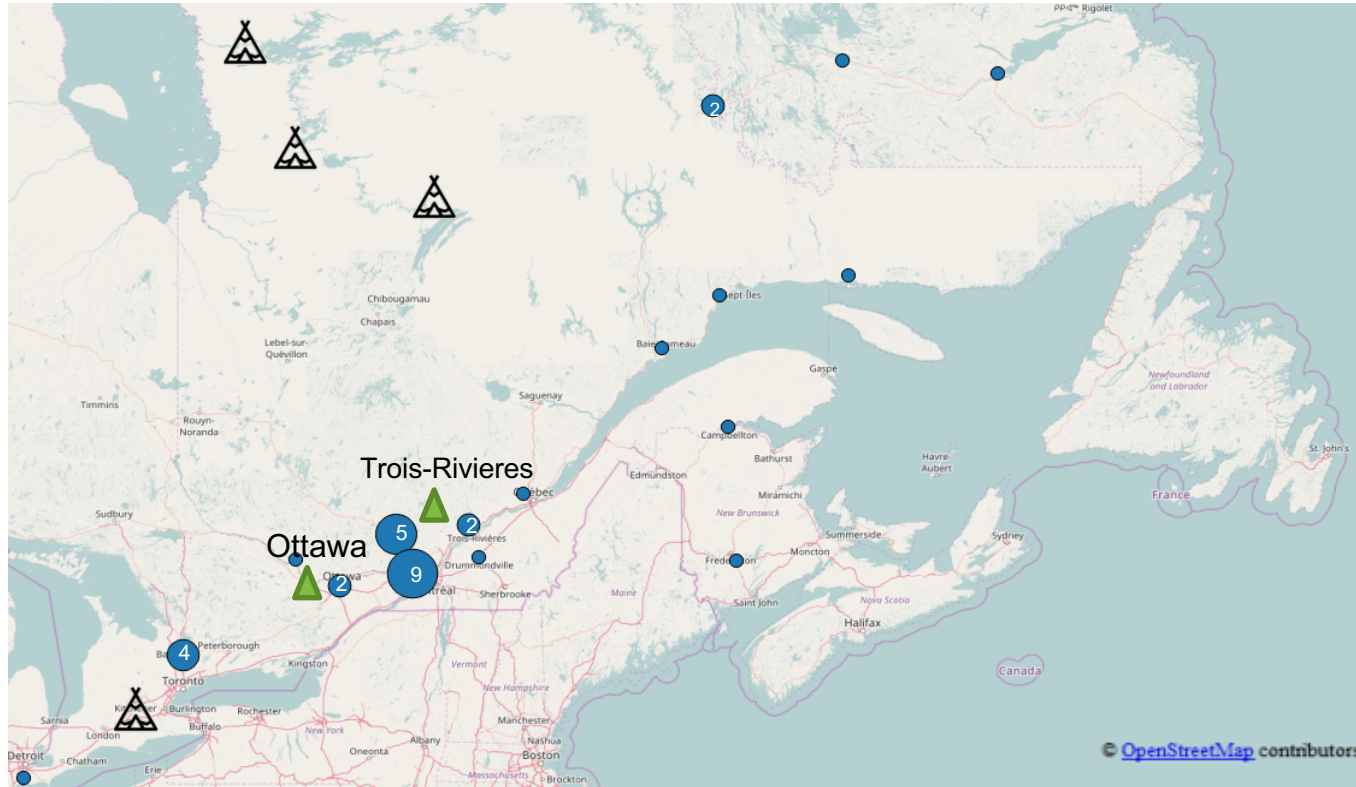
At GDG, our priority is to reduce the presence of these insects in an ecologically friendly way providing you peace of mind. As well as being environmentally friendly, our solutions allow you to:

- spend more time outside enjoying outdoor activities
- increase the property value in treated areas
- showcase public infrastructure (sports fields, parks and outdoor areas)
- reduce the risk of transmission of diseases like West Nile virus
- avoid certain unpleasant symptoms (rashes, blisters and itching)
- reduce the use of insecticides that are harmful

Biological control of biting insects – West Nile Virus control in Eastern Canada



Biological control of biting insects – Biological nuisance control in Eastern Canada



Biological control of biting insects

Using Bti (*Bacillus thuringiensis israelensis*) VectoBac by Valent BioSciences

The biological control is an effective and ecological solution to the mosquito nuisance problem.

Bti facts:

- Natural bacterium found naturally in soils
- Above 80% of nuisance reduction with our protocol
- Biodegrades rapidly under the sunlight (UV rays, 30-48 hrs)
- There is no accumulation in the environment
- There is no residual effect



BTI – References

Institut national
de santé publique
Québec

Santé
et Services sociaux
Québec



Health Canada
Santé Canada



Biological control of biting insects

Our exclusive protocol used to guarantee results

Our program in 4 easy steps :



Monitoring



Communication

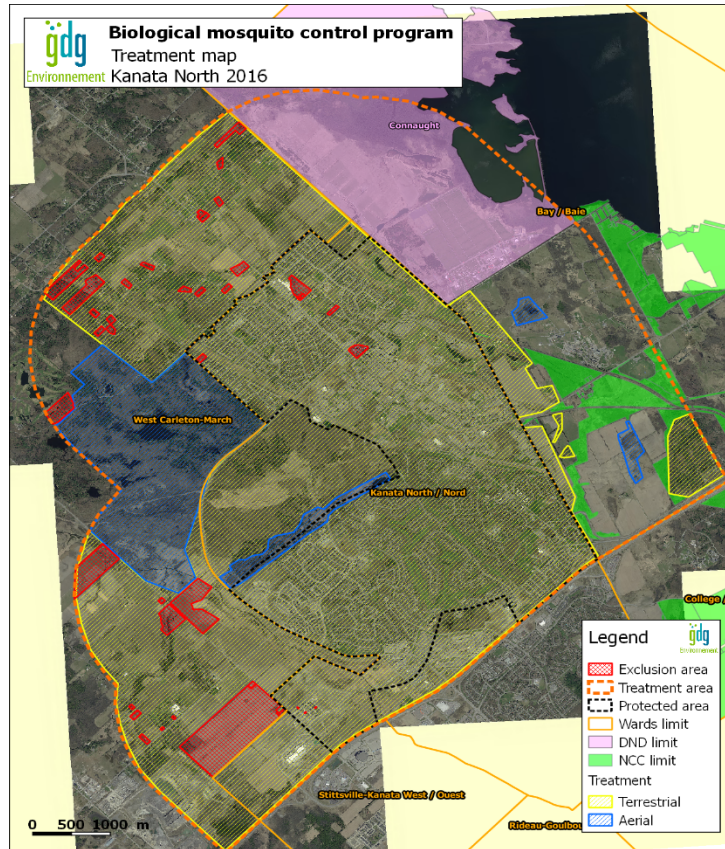


Treatment



Analysis

Mapping the work



Assessing the starting of operations



Observations of mosquito larvae in a dip

Biological control of biting insects

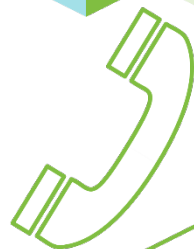
MONITORING



Biological control of biting insects

COMMUNICATION

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News paper



Preparing for aerial treatment



Biological control of biting insects

TREATMENT

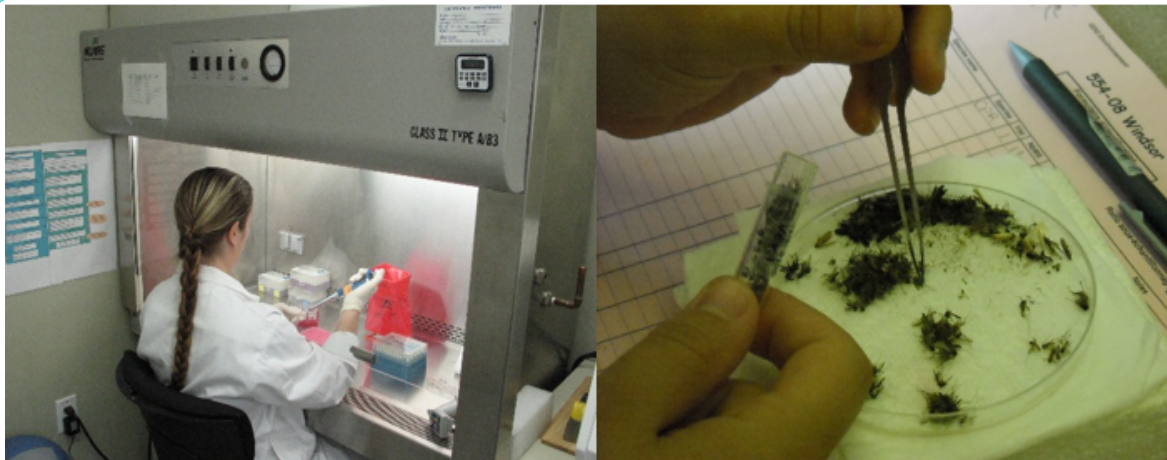
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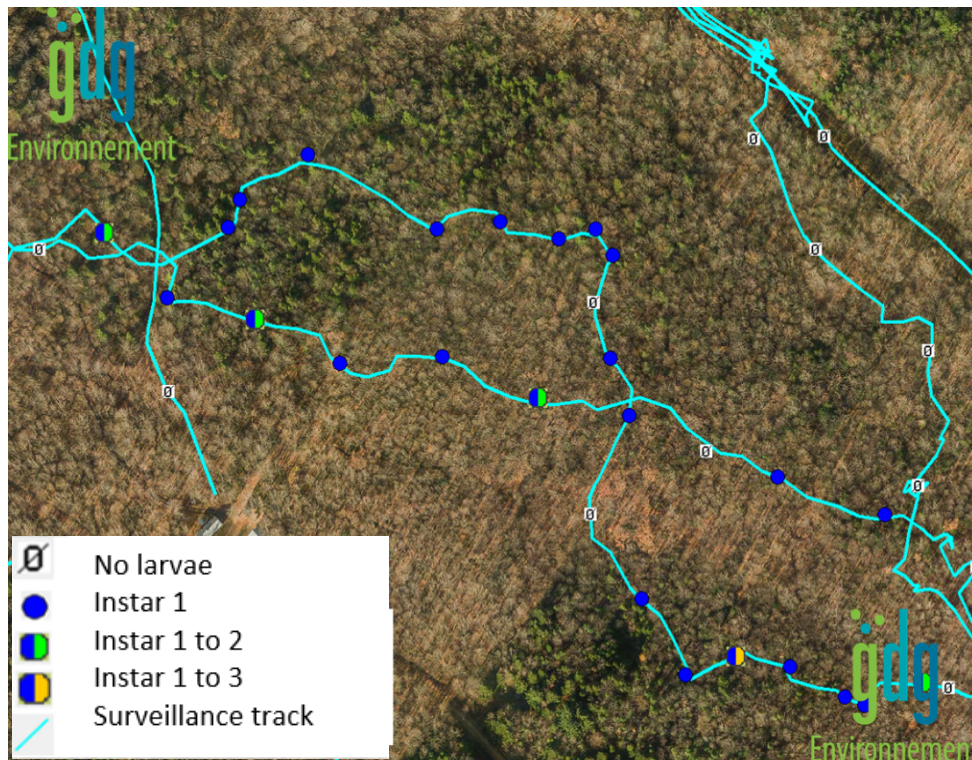
Biological control of biting insects

ANALYSIS

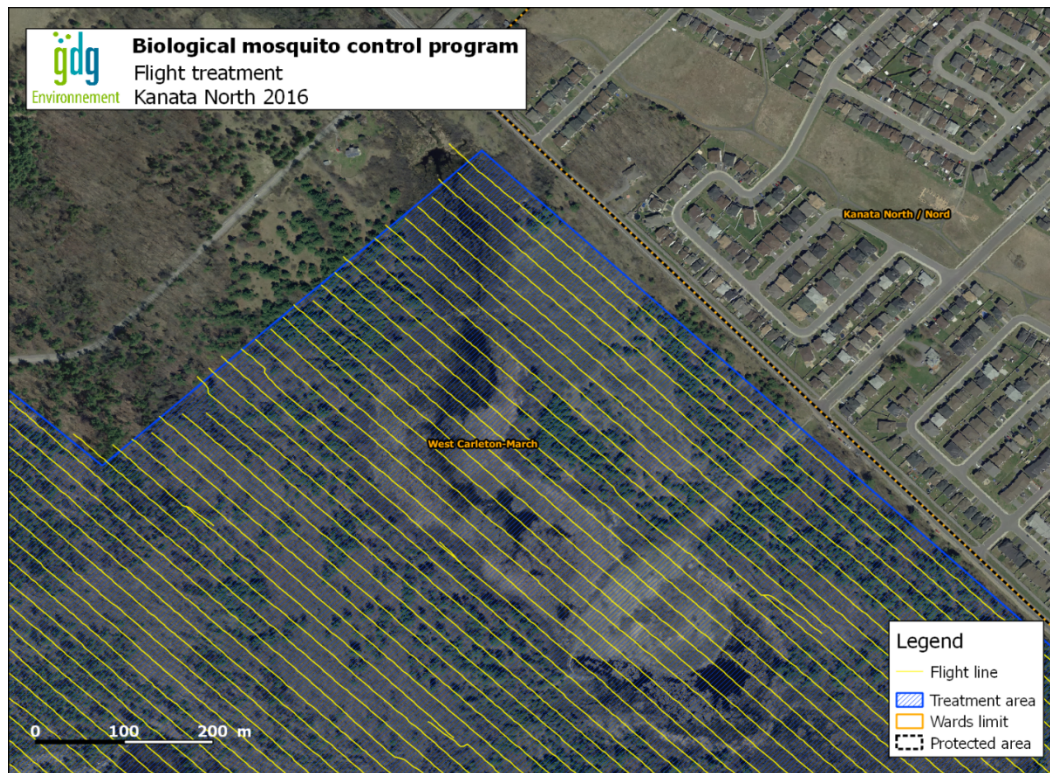
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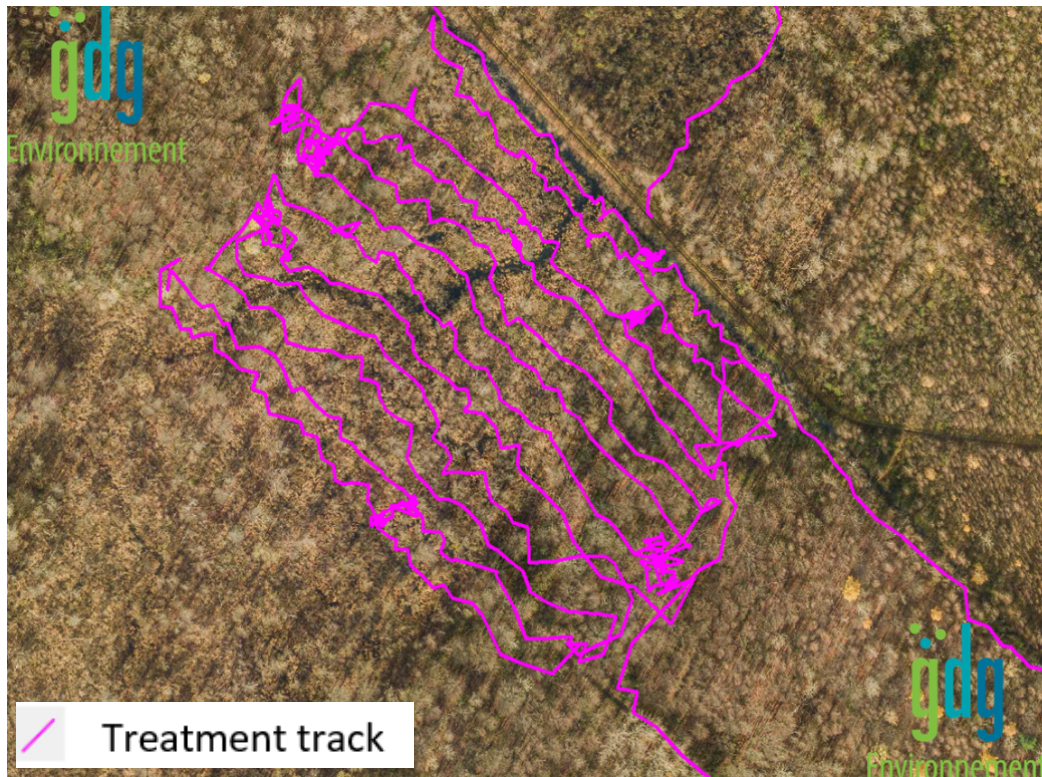
Quality Control Pre-Treatment Monitoring



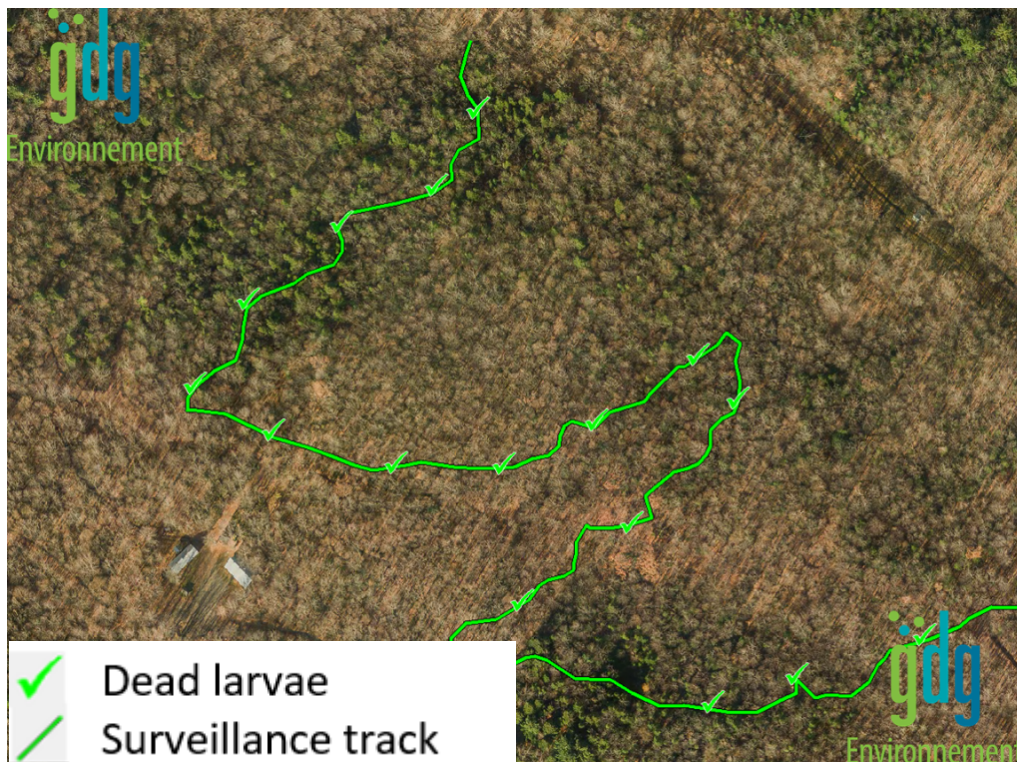
High precision



Quality Control Tracking ground treatments



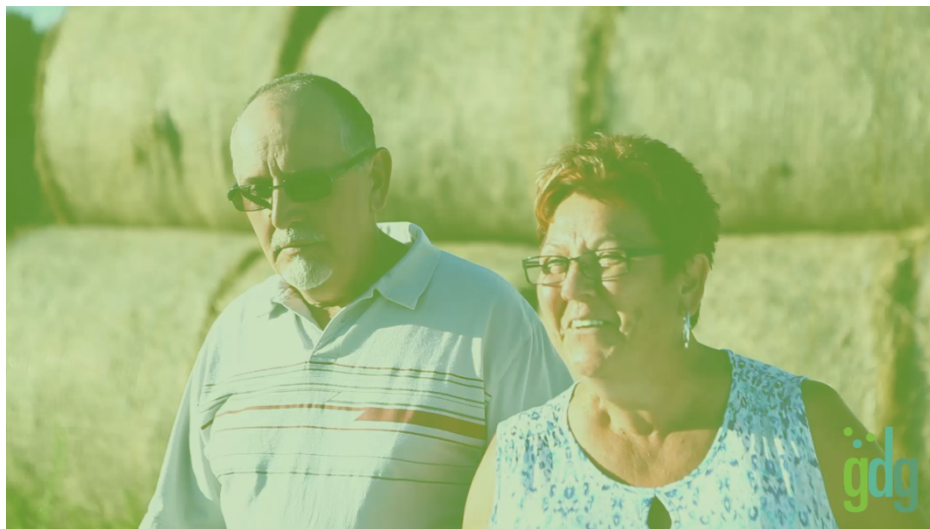
Quality Control Tracking ground treatments



Biological control of biting insects

What are the benefits?

- ↑ outdoor sports and family activities
- ↑ use of municipal facilities
- Enjoy day and night activities
- More active and healthier citizens
- ↑ Tourism
- Better quality of life
- ↑ Development and economic growth
- ↑ in the value of land and property
- Attract and retain new residents
- To enjoy your :
 - Property
 - Backyard
 - Garden







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for a Better Living

Thank you!

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