

# BIO Insecticide



PLANTPRODUCTS



## beetleTERMINATOR!®

This bio-insecticide available from **Plant Products** helps to protect the quality and value of turf and ornamental plants with the novel active ingredient, *Bacillus thuringiensis galleriae*. It effectively controls susceptible beetles, weevils, borers and grubs upon ingestion of the toxin. It is the first BT insecticide powerful enough to control both adult and larva stage of susceptible beetles.

Yet, beetleTERMINATOR! demonstrated no adverse risks to non-targets tested. beetleTERMINATOR! is Health Canada-registered for use on turf and ornamentals (e.g. trees and shrubs) found in and/or adjacent to residential and commercial grounds, parks, playgrounds, nurseries, greenhouses and agricultural fields.

## Key benefits

- Protects the value of crops by effectively controlling susceptible beetles
- Helps manage resistance to chemistries with a new mode of action for IPM programs
- No label restrictions for bees or flowering plants
- Less management concerns with a low 4 hour REI or until dry
- Allowed under provincial pesticide bans

### Pests controlled by beetleTERMINATOR!

Common Name	Latin Name	Stage
Japanese Beetle	<i>Popillia japonica</i>	adult & grub
Oriental Beetle	<i>Anomala orientalis</i>	adult & grub
Asiatic Garden Beetle	<i>Maladera castenea</i>	adult & grub
May or June Beetle	<i>Phyllophaga</i> spp.	adult & grub
Rose Chafer	<i>Macrodactylus subspinosus</i>	adult & grub
European Chafer	<i>Rhizotrogus majalis</i>	grub
N. Masked Chafer	<i>Cyclocephala borealis</i>	grub
S. Masked Chafer	<i>Cyclocephala lurida</i>	grub
Green June Beetle	<i>Cotinis nitida</i>	grub

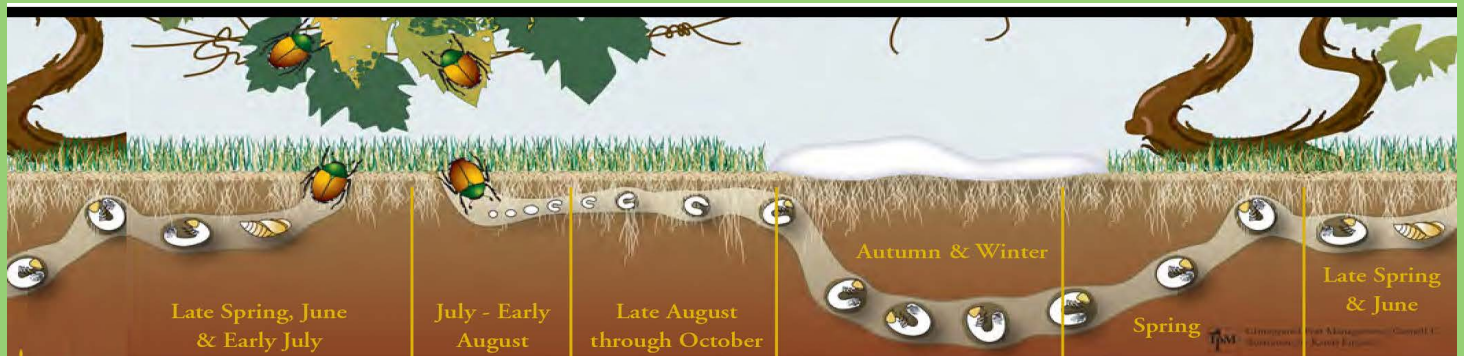




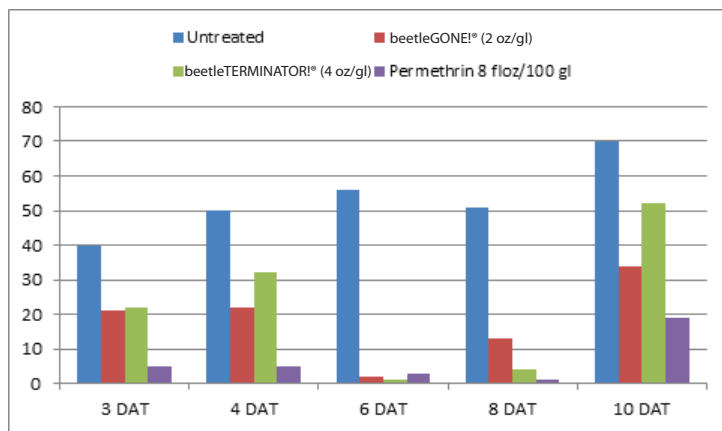
# Application timing

*Bacillus thuringiensis ssp. galleriae (BTG)*

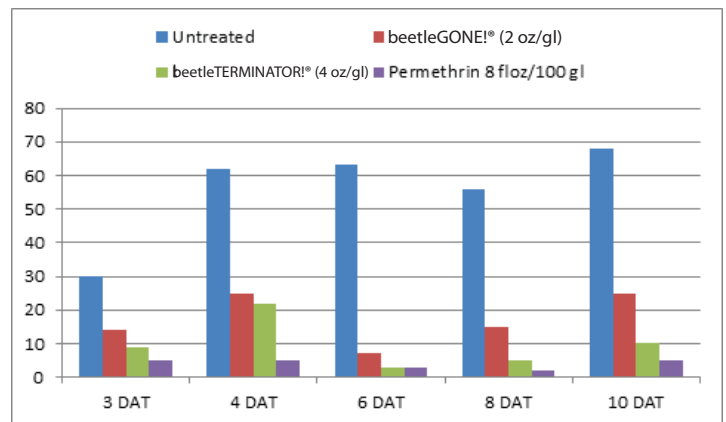
grubTERMINATOR!® beetleTERMINATOR!® grubTERMINATOR!® grubTERMINATOR!®



Japanese beetle adult on Rose mean % leaf damage at intervals post treatment assessed 72 hours exposure to beetleTERMINATOR!, Madison, Wisconsin, 2014



Japanese beetle adult on Little Leaf Linden mean % leaf damage at intervals post treatment assessed 72 hours exposure to beetleTERMINATOR!, Madison, Wisconsin, 2014



manufactured by  
**Phyllo BioProducts**  
 Protecting Forests, Farms and Landscapes®

Phyllo BioProducts "Target the Pest, Not the Rest" New bio-insecticides grubTERMINATOR!® and beetleTERMINATOR!® protect the beauty, health and value of landscapes, sports fields, home lawns and gardens as well as commercially produced sod and ornamentals from beetle, weevil and grub attacks without harm to bees and non-targets. Phyllo's suite of bioinsecticides are protected by issued and pending patents.

Everything you need to grow



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