

UTM Biocontrols Request Form

Please fill in the form completely, SAVE and SUMBIT to utm.rgh@utoronto.ca.

Today's Date:

Supervisor's info	Name: Email:
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Researcher's info	Graduate student	Postdoc	Other:
	Name:		
	Email:		
	Mobile:		

Pest	Name of pest: Please describe pest problem:



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Natural Insect Control Offers Beneficial Insects & Nematodes

BENEFICIAL INSECTS				PESTS
General Predators				
Ladybugs, <i>Hippodamia convergens</i>	Adults			General Predator for aphids and soft bodied insects
Lacewings, <i>Chrysoperla</i> spp.	Adults, Larvae, Eggs, Pupae			General Predators for soft bodied insects including aphids
Green Lacewing, <i>Chrysoperla carnea</i>	Adults, Larvae, Eggs, Pupae			General Predators for soft bodied insects
Brown Lacewings, <i>Macromus veriaagatus</i>	Adults		NIC Exclusive	General Predator of soft bodied insects such as aphids, mealybugs and whiteflies
Praying Mantis, <i>Tenodera aridifolia sinensis</i>	Eggs			General Predators
Aphids				
<i>Aphelinus abdominalis</i>	Adults			Potato and Glasshouse Potato Aphids
<i>Aphidoletes aphidimyza</i>	Pupae		NIC Exclusive	Most aphid species
<i>Aphidius colemani</i>	Pupae			Cotton/Melon and Green Peach Aphids
<i>Aphidius matricariae</i>	Pupae			Green Peach and Cotton/Melon Aphids
<i>Aphidius ervi</i>	Pupae			Potato, Glasshouse Potato, Pea and Green Peach Aphids







We do offer a mix of *Aphidius colemani*, *ervi*, *matricariae* and *Aphelinus abdominalis*

Solitary Bees				
Mason Bees, <i>Osmia lignaria</i> spp .	Pupae			Spring pollination
Leafcutter Bees	Pupae			Summer pollination
Caterpillars				
Spined Solider Bug, <i>Podisus maculiventris</i>	Nymphs, Eggs			General Caterpillar Predator such as Colorado Potato beetles and Gypsy Moth
<i>Trichogramma pretiosum</i> , <i>brassicae</i> , <i>minutum</i>	Eggs			General Caterpillar eggs such as Bollworm, Budworm, Corn Earworm and looper in vegetables
<i>Trichogramma ostriniae</i>	Eggs			General Caterpillar eggs of European Corn Borer

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Fungus Gnats				
<i>Stratiolaelaps scimitus</i> (formerly <i>Hypoaspis miles</i>)	Adults and Immatures			Fungus gnats, Black Vine Weevils and Thrip Pupa
<i>Gaeolaelaps gillespiei</i>	Adult and Immatures		NIC Exclusive	Fungus gnats and Thrip Pupa
SENTRY:Nematodes, <i>Steinernema feltiae</i>	Adults			Fungus gnats and Thrip Pupa
Rove Beetle, <i>Atheta coriaria</i>	Adults			Fungus gnats and Thrip Pupa
Leafminers				
<i>Diglyphus isaea</i>	Adults			Leafminer
<i>Dacnusa sibirica</i>	Adults			Leafminer
Mealybugs				
<i>Cryptolaemus montrouzieri</i>	Adults			Citrus Mealybugs
Scales				
<i>Aphytis melinus</i>	Adults			Hard Scale
<i>Lindorus lophanthae</i>	Adults			Hard and Soft Scales
Spider Mites				
<i>Phytoseiulus persimilis</i>	Adults and Immatures			Two-Spotted Spider Mites
<i>Neoseiulus californicus</i>	Adults			Mites including Spider mites, Broad Mites and Cyclamen Mites
<i>Amblyseius fallacis</i>	Adults and Immatures		NIC Exclusive	Mites including, Spider mites, European Red Mites and Cyclamen Mites
<i>Mesoseiulus longipes</i>	Adults			Two-Spotted Spider Mites
<i>Galandromus occidentalis</i>	Adults			Mites including, Two-spotted, Citrus red, Apple and Pear rust mites, Prunus rust, Blister, and European red mites
<i>Feltiella acarisuga</i>	Pupae			Mites including, Two-Spotted Spider mite and Carmine Mites
<i>Stethorus punctillum</i>	Adults		NIC Exclusive	Mites including Two-Spotted Spider mites, Carmine Mites and European Red Mites
<i>Amblyseius swirskii</i>	Adults			Spider mites, thrips and whiteflies

We offer a Spider Mite Tri-Pak, *Phytoseiulus persimilis*, *Amblyseius fallacis* and *Stethorus punctillum*

Thrips				
<i>Amblyseius cucumeris</i>	Adults and Immatures			Thrips especially Western Flower Thrips
<i>Amblyseius degenerans</i>	Adults			Thrips
SENTRY: Nematodes, <i>Steinernema feltiae</i>	Adults			Thrip Pupa
PATROL :Nematodes, <i>Heterorhabditis bacteriophora</i>	Adults			Thrips and Black Vine Weevils
<i>Orius insidiosus</i>	Adults			Thrips
Whiteflies				
<i>Encarsia formosa</i> - Fresh	Pupae		NIC Exclusive	Whiteflies include Greenhouse, Silverleaf and Sweet potato
<i>Delphastus catalinae</i>	Adults		NIC Exclusive	winged, Sweet potato, Woolly, Azalea, Hibiscus, Cloudy winged, Citrus,
<i>Eretmocerus eremicus</i>	Pupae			Whiteflies including Silverleaf and Sweet potato
<i>Dicyphus hesperus</i>	Adults			Whiteflies



Fresh Product from Applied Bio-nomics, our Canadian Insectary

NIC CANADIAN NEMATODES

SENTRY (*Steinernema feltiae*) **OMRI certified** : Fungus gnats Sciarid fly and Thrips

PATROL (*Heterorhabditis bacteriophora*) : Root Aphids and Black Vine Weevils

CITADEL (*Steinernema carpocapsae*) : General Pest Control

NATURAL INSECT CONTROL is the only Beneficial Nematode producer in Canada.

We have isolated and are producing Canadian strains of nematodes,
the only Canadian nematodes on the market!

What does this mean?

- Canadian strains are more cold tolerant (50F/100C)
- More aggressive (specifically selected nematodes)
- Live Host Raised = Faster control, organic & natural affinity for pest larvae
- Higher lipid counts meaning longer viability in soil, and improved hunting ability
- Freshest product available in Canada (harvested daily)
- Once order placed it's a one day turn around for most locations in Canada

All NIC's nematodes come in 10 ,25 ,35, and 50 million sizes


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