



Commercially Available Biological Control Organisms –

Organization by Associated Pest Groups

Biological control is always only one component of any Integrated Pest Management program. However, the following commercially available organisms may have some application for the following pest groups. The headings used refer to organisms, or groups of organisms, described in the above section.

Pest Group	Potentially Useful Biological Controls
Aphids	Convergent Lady Beetle/Lady beetles, Pink Lady Beetle/12-spotted Lady Beetle, Multi colored Asian Lady Beetle, Green Lacewings, Aphid Predator Midge, Pirate Bugs, Big-eyed Bug, Predatory Plant Bug, Aphid Parasites, <i>Beauveria bassiana</i>
Whiteflies	Whitefly Predator, Green Lacewings, Pirate Bugs, Greenhouse Whitefly Parasite, Sweetpotato Whitefly Parasite, <i>Beauveria bassiana</i>
Mealybugs	Mealybug Destroyer, Green Lacewings, Mealybug Parasites
Armored Scales	Scale Predator, Green Lacewings, Armored Scale Parasite/Golden Chalcid
Soft Scales	Scale Predator, Green Lacewings, Soft Scale Parasite
Thrips	Thrips Predators/Predatory Mites, Pirate Bugs, Big-eyed Bug, Soil Predator Mite, Parasitic (Predatory) Nematodes/ <i>Steinernema</i> spp.
Spider Mites	Spider Mite Destroyer, Spider Mite Predator Midge, Sixspotted Thrips, Spider Mite Predators/Predatory Mites, Pirate Bugs, Big-eyed Bug
Leaf Beetles	Pink Lady Beetle/12-spotted Lady Beetle, Green Lacewings, Big-eyed Bug, Predatory Plant Bug, <i>Bacillus thuringiensis</i> var. <i>san diego</i> , <i>Beauveria bassiana</i>
Mexican Bean Beetle	Pink Lady Beetle/12-spotted Lady Beetle, Green Lacewings, Big-eyed Bug, Predatory Plant Bug, Mexican Bean Beetle Parasite
Caterpillars	Green Lacewings, Pirate Bugs, Big-eyed Bug, Predatory Plant Bug, Spined Soldier Bug, Trichogramma Wasps, Caterpillar Parasites, <i>Bacillus thuringiensis</i> var. <i>kurstaki</i>
Leafminers	Leafminer Parasites
Lygus Bugs	Lygus Bug Egg Parasite
White Grubs	Parasitic (Predatory) Nematodes/ <i>Heterorhabditis</i> spp.
Grasshoppers	<i>Nosema locustae</i> /Grasshopper Spore, Chinese mantid
Fungus Gnats	Soil Predator Mite, <i>Bacillus thuringiensis</i> var. <i>israelensis</i> , Parasitic (Predatory) Nematodes/ <i>Steinernema</i> spp.
Mosquitoes	<i>Bacillus thuringiensis</i> var. <i>israelensis</i>
Flies (Nuisance)	Fly Parasites (Fly Predators)