

BENEFICIAL-insect activity

Beneficial	Type (group)	Pests Attacked
<i>Zetzellia mali</i> , <i>Agistemus</i> <i>fleschneri</i>	Predatory (mite)	European red mite, apple rust mites
<i>Galendromus</i> (= <i>Typhlodromus</i>) spp.	Predatory (mite)	European red mite, twospotted spider mite, apple rust mites, insect eggs
<i>Neoseiulus</i> (= <i>Amblyseius</i>) <i>fallacies</i>	Predatory (mite)	European red mite, twospotted spider mite
Red velvet mites (ex. <i>Balaustium</i> <i>putmani</i>)	Predatory (mite)	Green apple aphid/rosy apple aphid, leafhopper, European red mite, twospotted spider mite, apple rust mite, small caterpillars, scale crawlers
Lady beetle	Predator (beetle)	Green apple aphid/rosy apple aphid, European red mite, twospotted spider mite, insect eggs, small caterpillars, scale crawlers
Ground beetle	Predator (beetle)	Apple maggot, plum curculio, insect eggs
Minute pirate bug (ex.<i>Orius</i> spp.)	Predator (bug)	European red mite, twospotted spider mite, insect eggs, small caterpillars
Predatory plant bug (ex. <i>Campylomma</i> <i>verbasci</i>) *	Predator (bug)	Green apple aphid/rosy apple aphid, leafhopper, European red mite, twospotted spider mite, insect eggs, small caterpillars
Damsel bug	Predator (bug)	Oblique banded leafroller/fruitworms, green apple aphid/rosy apple aphid, european red mite, two

spotted spider mite, insect eggs, small caterpillars

Assassin bug Predator (bug) Oblique banded leafroller, green apple aphid/rosy apple aphid, tentiform leafminer, leafhopper, european red mite, two spotted spider mite

Flower / Hover fly Predator (fly larva) Green apple aphid/rosy apple aphid, scale crawlers

Aphid midge Predator (fly larva) Green apple aphid, rosy apple aphid

Lacewing (green / brown) Predator (lacewing) Green apple aphid/rosy apple aphid, scale crawlers

Earwig Predator (earwig) Aphids (green apple and rosy apple), European red mite, twospotted spider mite, small caterpillars

Ants Predator (ants) Plum curculio

Vespid wasps Predator (wasps) Green apple aphid/rosy apple aphid, small caterpillars, scale crawlers

Tachinid fly Parasitoid (fly) Oblique banded leafroller, plum cuculio

Ichneumonid or Braconid wasp (ex. *Pholetesor ornigis*) Parasitoid (wasp) Codling moth/oriental fruit moth, oblique banded leafroller, tentiform leafminer, plum cuculio, wood borers

Chalcid wasps (aphelinid, Eulophid, other) Parasitoid (wasp) Codling moth/oriental fruit moth, oblique banded leafroller, woolly apple aphid, tentiform leafminer, leafhopper, scale crawlers

***Trichogramma* spp. wasp** Parasitoid (wasp) Eggs of other insects

*** *Campylomma verbasci* may reach pest status early in the growing season, prior to buildup of prey items.**