

What's buggin' you?? The Top Ten

Problem	Description	Life Cycles	Organic Treatment
Aphids	Varied colors from green to black; tiny, soft bodied	Eggs overwinter; 20 or more generations over whole season	Lady, rotenone, Aluminum foil mulch, mild soap & water spray, Safer's Insecticidal soap
Cabbage Looper & Imported Cabbage Worm	Velvety green, 1 1/4" worms; adult; white butterfly w/ black spots	Overwinter in pupa and cocoon, adult butterflies lay eggs which hatch into caterpillars; up to 6 generations a year	Dipel(BT), Thuricide Rotenone hand pick, herbal sprays made from sage rosemary, thyme, dust leaves with lime
Squash Vine borer	Wrinkled dirty-white worm with brown head	Overwinter as cocoons in soil; wasp like adult moth lays eggs in late June at base of plants, larvae burrow into stem causing rotting and wilting	Rotenone at base of plant late June, cheesecloth at base of plant to act as barrier, succession plantings, black pepper at base. If vine wilts, slit stem where hole is remove borer, cover stem with soil
Cutworms	Dull gray, brown or black; may be spotted or striped	Pupa overwinter in soil, adult moths emerge in early spring and lays eggs; 3-4 generations a season, mostly night feeder	Paper collars around transplants
Root Maggots	1/4" - 1/3" yellowish white worms black fly adult	Black flies lay eggs on soil of base of plant; maggots hatch and burrow into roots	Wood ashes, tar
Flea Beetles	1/16", black, brown or striped jumping beetles	Adults overwinter in garden debris, feed in early spring and then lay eggs in soil; 1-2 generations a season	Wood ashes, flour dust, Rotenone, Pyrethrum worm-wood spray, let smart weed grow as trap plant
Colorado Potato Beetle	Larvae: brick-red 3/5", black spots. Adult: yellow black Striped 3/8"	Adults overwinter in soil; adults lay eggs in early spring on leaves; up to 3 generations a season	Rotenone, wheat germ or bran
Cucumber Beetle	Yellowish-green striped or spotted, 1/4" beetles	Adults overwinter in garden debris; eggs laid on surface of soil and grub hatch and feed on underground stems, adults feed above ground	Dust wood ashes on wet leaves Rotenone; plant resistant varieties: plant nicotiana as trap plant
Mexican Bean Beetle	Larvae: Yellow, fuzzy soft bodies 16 spots. Adult: 1/4" long, copper colored beetle with 16 spots	Adults overwinter in piles of leaves and feed when sprouts grow. Eggs hatch into destructive larvae which feed for a few weeks	Rotenone, Pyrethrum, parasitic wasp (Pediobius foveolatus)
Slugs	Slugs and eggs overwinter in soil, adults lay eggs in soil which slowly develop into adults.	Can live a year or longer Up to 10" long slimy, soft bodied mollusks in varied shade of gray to brown	Mulch around plant with gritty material like sand; trap those night feeders under wooden boards and melon rinds and remove in morning, shallow bowls of beer will attract slugs

For More Information on Capital District Community Gardens' programs
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