Japanese Beetle

Japanese Beetles are very destructive insects as adults on over 300 species of plants and in the turf as grubs.

Japanese Beetle Adult

Adults (see image →) emerge in May through June depending on the area. They fly to a plant, feed, release a pheromone and mate. This pheromone attracts others, so numerous beetles will be found in a small area.

After feeding occurs, (note skeletonized leaf image→) the female flies to an area of turf and burrows down into the soil and lays 1 to 5 eggs. She re-emerges to feed, mate and lay eggs again. She repeats this until she has laid 40 to 60 eggs in a 6 to 8 week period.

Control

Control of the adults is difficult due to how mobile they are. Two things that will improve control are: First, always use *Spreader Sticker*. Second, always treat the soil beneath the plant and the foliage. Traps have been shown to actually be an attractant, NOT a control. Use them for monitoring only.

Systemics: Systemic insecticides are very effective for use on non-edible plants. Treat as prescribed by the label and let it do the work. *Tree & Shrub Systemic* lasts the longest, *Systemic Insect Spray* works the fastest, *Rose & Flower with Systemic* and *2 N 1 Systemic* offer other benefits as well.

Also on non-edibles; you may use *38 Plus* as a spray and *Turf Ranger* on the soil beneath the plant.

In the Fruit and Vegetable Garden: Use Lawn, Garden and Pet spray on the foliage and the dust on the soil beneath the plants.
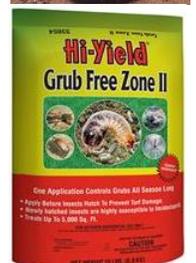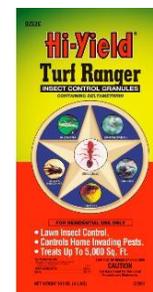
Japanese Beetle Grub

Japanese beetle grubs can be a very destructive pest in the lawn.

Eggs hatch in 8 to 14 days, they winter over as a grub, in the spring pulpate and emerge as an adult.

As few as 7 to 15 per sq. ft. can be damaging to a turf area.

Grub Free Zone II is one of the most effective grub controls for Japanese Beetle Grubs. Simply apply, mid-July through August, water in and it will do all the work.

Natural Guard Grub Control is also very effective.