

GRUBS

JULY

The grub life cycle begins when female beetles begin laying eggs in the soil. They can lay up to 60 eggs in 2-3 weeks. Depending on soil and temperature, grubs emerge from hatched eggs 2 weeks later.

Grubs are small and feed close to the surface. They are very vulnerable to biological and chemical insecticides.

LATE AUGUST- OCTOBER

Grubs continue to grow and develop. During this stage grubs consume more roots and increase damage to the turf.

As temperatures drop in autumn – grubs move deeper into the soil to weather the colder months.

LATE JUNE/ EARLY JULY

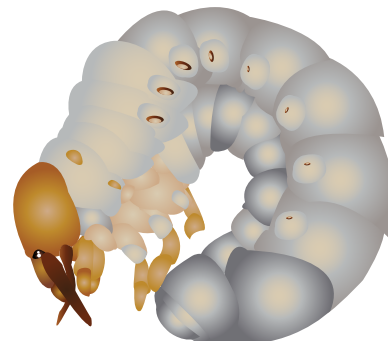
Japanese beetle adults emerge from the ground and begin to search for food.

Adults can fly as far as a mile and feed on a multitude of plants.

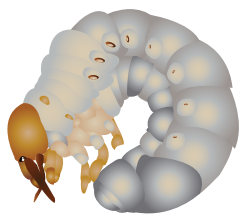
SPRING

Grubs come up to feed on the roots for a short time, until they turn into pupae that are resistant to insecticides.

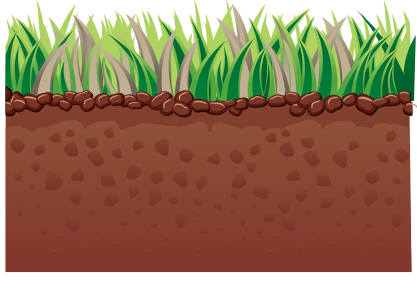
LIFE CYCLE of a GRUB



Grub Facts



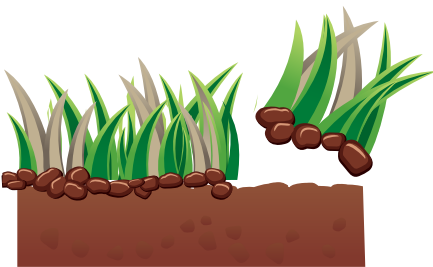
FACT: Grubs are the larval stage of adult beetles.



FACT: Grubs feed on roots of turf grass, leaving a lawn with brown spots.



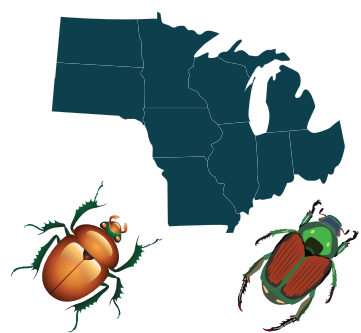
FACT: Grubs do the most damage to lawns during the fall feeding cycle.



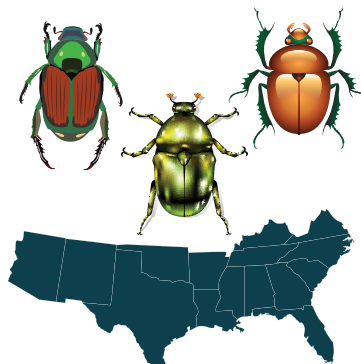
FACT: Turf that has been affected by grub activity will be loose and easily lifted up from the soil.



FACT: Grubs' natural predators can cause additional damage to a lawn. Critters like skunks, raccoons and birds will dig up a lawn looking to eat the grubs under the surface.



FACT: In the Midwest, Japanese Beetles and Northern Masked Chafer are the most prevalent species.



FACT: In the South, Japanese Beetles, Green June Beetles and Southern Masked Chafer are the most common species.

Prevention, Control & Recovery



Prevention: A preventative insect control applied in early spring or late summer will keep grubs from emerging at their larval stage.



Control: If grubs have already invaded your lawn, an insect control applied in late summer or early fall will eliminate grubs actively feeding on grass roots.



Recovery: Watering your grass regularly will help the roots grow back healthily and recover from grub damage.