

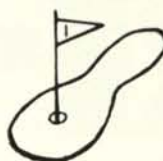
**From:** Roscoe Randell, Extension Entomologist, University of Illinois, Urbana, Illinois  
**Subject:** ATENIUS SPRETULUS GRUBS PRESENT ON GOLF COURSES

**Atenius Spretulus** grubs have again damaged fairways this summer in Cook and DuPage counties.

This tiny C-shaped, white one-fourth-inch long grub can be found feeding on roots of both bentgrass and *Poa annua*. Numbers of grubs varied from none up to 300 plus per square foot of turfgrass.

The presence of grubs corresponds very closely to their activity in 1975. Beetles were observed on or about greens in mid-to-late May this year during the early afternoons. These were overwintering adults that returned to fairways to lay eggs. The first grubs and their damage were observed on July 4 weekend. Some courses received treatments on infested areas or the entire course at that time. Pupae, the resting stage between the grub and adult black beetles were found in the root zone about July 12 with the peak pupal population in late July. Adults should begin to emerge the last week of July.

The organic phosphate insecticides, trichlorfon (Proxol or Dylox) and diazinon, either applied as a spray or granules and drenched into the root zone before drying on the foliage are the suggested control measures. Treat where wilting or loose rooting of sod is found along with the presence of grubs. Control of an insect population is not eradication or complete kill to be termed successful but the reduction or suppression of the population to a point where damage is no longer taking place.



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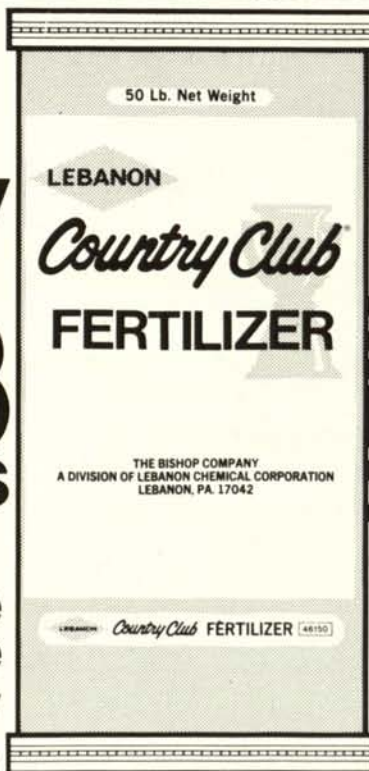
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