



How to Get Rid of Mole Crickets

By DoMyOwn staff

[Mole crickets](#) have become resistant to many of the conventional turf pesticides. However there are two products that still deliver superior results in mole cricket control-[Acephate 75](#) and [Talstar Insecticide](#).

Monitoring Mole Cricket Activity

As you are treating for mole crickets, you can monitor your progress periodically by leaving out small dishes of lemon scented dish detergent on areas of damaged turf. Mole crickets will quickly emerge if they are present.

Before you treat--timing is critical!

One of the most important factors in mole cricket control is timing! Treat at the wrong time and the application may fail. You want to target the nymphs which are easier to kill than the adults and also do more damage. To eliminate the nymphs, applications should be made in late April or early May if you live in the Southern coastal states, or the end of May for Carolina coastal areas.

I) Treating Mole Crickets with Acephate 75

- **How it works:** [Acephate 75](#) is *systemic insecticide* - meaning that once the poison penetrates the soil it is automatically soaked up by the roots of plants and grass. Mole crickets will then ingest the pesticide when they go to nibble on your lawn. A one pound container treats up to 12,000 sq ft.
- **Before & After Application:** The ground should be very wet at the time of application, either from irrigation or rainfall. The moisture entices the mole crickets to move close to the surface to ensure the greatest initial kill.
- **Tips for Application:** Acephate should be applied with a hose end sprayer, either very early or very late in the day.
- **How To Use [Acephate 75](#) on turf:**
 - Empty the specified amount of chemical into a spray tank containing at least one-half of the total quantity of water required.
 - Add remaining water with agitator running until the spray volume is reached. The Acephate 75 SP should completely dissolve within 5 minutes.
 - Do not add any fertilizers, micronutrients, or adjuvants to the solution until the Acephate 75 SP has completely dissolved.
 - Apply to turf at the rate of 1 to 1.9 oz per sq feet, or 2.66 to 5.2 lbs per acre. Use 1 to 15 gallons of water per 1,000 sq feet to obtain good coverage.
 - Apply 3 times a year for total control and maintenance. Spot treatments may also be needed between main applications.

II) Treating Mole Crickets with Talstar XTRA Granules

- **About Talstar XTRA Granules:** [Talstar XTRA Granules](#) are an environmentally-safe synthetic pyrethroid, effective on a broad-spectrum of ornamental pests. Talstar is available in two formulations: liquid concentrate and granular. Talstar is longer lasting than Acephate, controlling mole crickets for up to 2 months with a single application.
- **Before & After Application:** There is no special turn preparation needed when treating with Talstar.
- **How To Use Talstar Granules:**
 - Talstar Granules are to be broadcast generally over your entire yard including landscaped areas at the rate of 2.3 to 4.6 lbs per 1,000 sq ft or 100 to 200 lbs per acre. We recommend applying Talstar PL granules with a hand spreader. One 25lb. bag covers 5,000-10,000 square feet. Always read the label.
- **How To Use Talstar One liquid concentrate:**
 - Apply Talstar concentrate at the rate of 1 ounce per thousand square feet of turf, using your hose end sprayer. 1 qt. yields: approx. 32-96 gallons.

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