

# Howard Johnson's Mallet® 0.2 GRANULAR INSECTICIDE

FOR OUTDOOR RESIDENTIAL USE ON LAWNS AND LANDSCAPED AREAS.

This product is for use on lawns, flower beds, ground covers, trees and shrubs to control White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle), Mole Crickets and European Crane Fly Larvae.

Not for sale, use, or distribution in or into Nassau, Suffolk, Kings or Queens Counties, New York.

ACTIVE INGREDIENT:  
Imidacloprid . . . . . 0.2%  
OTHER INGREDIENTS: . . . . . 99.8%  
TOTAL: . . . . . 100.0%

EPA REG. NO. 228-510-32802  
EPA EST. NO. 32802-MO-1

Distributed by:  
**Howard Johnson's Enterprises, Inc.**  
700 W. Virginia Street, Milwaukee, WI 53204

**Net Weight 30 lbs (13.61 kg)**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

**KEEP OUT OF REACH OF CHILDREN CAUTION**

**PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION**

Harmful if absorbed through skin. Causes minimal eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

FIRST AID	
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
No specific antidote is available. Treat the patient symptomatically.	

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use on lawns, landscaped areas and plantings such as around trees, shrubs, flower and ornamental beds.

Do not apply near fish pools, ponds, streams or lakes.

**GENERAL INFORMATION**

This product can be used for control of soil pests such as mole crickets and white grubs, including the larvae of Japanese beetle, Oriental beetle, Chafers, Asian garden beetle, May beetle, June beetle and black turfgrass ataenius. This product can also be used to control billbugs, cutworms, chinchbugs and European crane fly larvae.

PEST	USE RATE PER 1,000 SQ. FT.
White grubs, including the larvae of Japanese beetle, Oriental beetle, Chafers, Asian garden beetle, May beetle, June beetle and Black turfgrass ataenius, billbugs, Cutworms, Chinchbugs and European crane fly larvae.	2.87 pounds
Mole crickets	3.80 pounds

Treat when insects first appear. Apply this product evenly over the turfgrass area at the use rate indicated in the above table, using a properly calibrated drop or rotary spreader. A more uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at a right angle to the first. For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch and down into the soil. Avoid lawn until after irrigation or rainfall has occurred so that uniformity of the application will not be affected.

**FLOWER BEDS, GROUND COVERS, TREES AND SHRUBS**

**Application Instructions**

Apply this product at the rate of 2 tablespoons per 10 square feet of planting bed ( 1-1/4 cups per 100 square feet of planting bed ). Evenly spread granules to the soil over flower beds, ground cover plantings, shrub beds and under trees. The use of a hand-held spreader is recommended. Rake granules into the soil around plants. Water thoroughly after application.

This product works best when applied before mole crickets and grubs hatch. If necessary, consult your local State extension agent for the ideal times to apply this product in your area. Do not apply this product to potential treated areas that are waterlogged or saturated with water. This product may not work effectively in these times of conditions.

**SPREADER SETTINGS**

**Broadcast Spreaders:** For best results, apply in a circular path starting on the outside and working toward the center. A little overlap of product will ensure complete coverage.

**Drop Spreaders:** First, apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips.

**Applications Instructions**

See Spreader Settings chart below. Adjust spreader to the appropriate setting. Make sure that the spreader works properly and spreads granules uniformly. Apply to the border and then fill in the center to ensure the entire area is covered completely. To make sure that the product is evenly distributed, walk at a steady pace making parallel passes. Do not use a spreader that applies granules in narrow, concentrated or uneven bands. Water thoroughly after application. **Important:** It is important to follow the directions as indicated on this quality lawn care product as over-application may cause injury to the lawn.

Measure the size of the area to be treated and do not over or under apply. Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied, and roughness of area treated. Calibrate spreader prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing uniformly. Close spreader when filling, stopping or turning. Do not hand spread.

Spreader settings to apply at listed rate (lbs. per 1000 sq. ft.)	2.8 lbs	3.8 lbs
Spyker 24-22 Rotary	4.0	4.5
Lesco Rotary	11(E-F)	14(G)
Prizelawn CB Rotary	4.3	4.75
EarthWay 2400 Rotary	16	19
Cyclone Pro	3.6	4.5
Scotts R8A	H	J
Lely Broadcast	2.6	3.4
Bigfoot	G-H	I

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat. **CONTAINER DISPOSAL: If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**WARRANTY DISCLAIMER**

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