

# SPECIMEN LABEL

PM 19 Reg. No. 45639-100

ACCEPTED

SEP 1 1992

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 45639-100

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## RESTRICTED USE PESTICIDE Due to Aquatic and Avian Toxicity

For retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

# Turcam 2 1/2 G

## INSECTICIDE

For Use on Ornamental Trees, Shrubs and Turf  
DO NOT USE ON FOOD CROPS

### ACTIVE INGREDIENTS:

Bendiocarb (2,2-dimethyl-1,3-benzodioxol-4-yl  
methylcarbamate)

### INERT INGREDIENTS:

By Weight<sup>7</sup>

2.5%

97.5%

TOTAL

100.0%

<sup>7</sup>Protected by U.S. Patent No. 3,736,338

EPA Reg. No. 45639-100

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Call physician or Poison Control Center. Do not induce vomiting or anything by mouth to an unconscious person. Get medical attention.

**IF INHALED:** Remove to fresh air.

**IF ON SKIN:** Wash with plenty of water. If on face, wash with soap and water.

**IF IN EYES:** Flush with plenty of water.

**NOTE TO PHYSICIAN:** For first aid information, see back of label. For more information, see back of label.

SEE INSTRUCTIONS ON BACK OF LABEL FOR DETAILED DIRECTIONS AND PRECAUTIONS.

**NOR-AM**

NOR-AMERICAN COMPANY

Arlington Heights, IL

SEE BACK OF LABEL FOR DIRECTIONS

FOR USE AND PRECAUTIONS

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Net Weight:

# **PRECAUTIONARY STATEMENTS** **HAZARD TO HUMANS AND** **DOMESTIC ANIMALS** **CAUTION**

Harmful if swallowed. Do not take internally. Do not breathe dust. Avoid contact with skin, eyes, or clothing. May be absorbed through the skin. Wear long sleeves. Change clothing daily. Wash hands thoroughly after handling. Keep children and pets off treated area during irrigation and until area has dried. Avoid contamination of feed and foodstuffs.

## **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Avoid overlapping granules. Avoid applications to bare soil or thin grassy areas where product may be more readily consumed by birds feeding on areas of exposed soil. Also avoid applications in ecologically sensitive areas (e.g., adjacent to wetlands or wildlife pressures) or to areas where birds are known to feed (i.e., near bird feeders or near ponds where waterfowl graze or feed). Subsurface application is recommended for grubs and mole crickets. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of waste. Collect, cover or incorporate granules spilled on soil surface.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

**IMPORTANT:** Read the entire Directions for Use and Disclaimer of Warranties before using this product.

**IN CASE OF FIRE, LEAKY OR DAMAGED CONTAINERS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO: 800-424-9300.**

## **DIRECTIONS FOR USE**

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

Store this product in its original, closed container in a dry, locked area away from children and domestic animals. Do not reuse empty container.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

**GENERAL INFORMATION:** TURCAM® 2½G is a broad spectrum residual insecticide for the control of certain insects on ornamental trees, shrubs, and turf.

Do not apply more than 240 lbs. of TURCAM 2½G per acre per year. Spring applications must not exceed 120 lbs. of TURCAM 2½G per acre.

Irrigation prior to application in dry conditions may improve product performance.

Use on established turf; do not apply to thin turf with exposed soil.

**ENDANGERED SPECIES RESTRICTIONS:** The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of federal laws. The use of this product on golf courses and sod farms in San Bernardino County, California and on the islands of Hawaii and Maui is prohibited.

**ORNAMENTAL TREES, SHRUBS, AND TURF RECOMMENDATIONS:** Use TURCAM 2½G to control specified pests of ornamental turf and of the following nonedible ornamental trees and shrubs: Abies, Acer, Arborvitae, Azalea, Barberry, Birch, Boxwood, Brassia, Camellia, Cedar, Cephalotaxus, Cercis, Cherry, Cornus, Cotoneaster, Crataegus, Crape Myrtle, Euonymus, Fatsia, Ficus, Fountain grass, Flowering almond, Flowering crabapple, Gardenia, Hemlock, Hydrangea, Ilex, Ixora, Japanese yew, Juniper, Ligustrum, Lilac, Loquat, Mahonia, Mimosa, Mock Orange, Nandina, Oleander, Pachysandra, Photinia, Picea, Pieris, Pine, Poinsettia, Pomegranate, Poplar, Prunus spp., Pseudotsuga, Pyracantha, Pyrus, Rhododendron, Rose, Sage palm, Schefflera, Spirea, Sycamore, Taxus, Thuja, Tsuga, Viburnum, Weigela, Yaupon.

## **APPLICATION PROCEDURES**

Apply TURCAM 2½G to give complete and uniform coverage of the pest-infested areas. Applications should be made using the rates below.

For control of white grubs, apply when pests become evident. Control of grubs is best when they are still small, therefore late summer applications are preferable to spring. Irrigate as soon as possible, preferably within 48 hours after completing applications, with ½-¾ inches of water to encourage movement of TURCAM 2½G into soil and to reduce chances of contact with non-target organisms.

For surface-feeding and surface-dwelling insects, apply when pests are evident. Use adequate quantity of water to moisten grass and thatch after application.

Apply TURCAM 2½G to give complete and uniform coverage of the pest-infested areas. Applications should be made using the rates shown below:

## **SURFACE APPLICATION**

Pest	Dosage of Product	
	Lb/Acre	Lb/ 1,000 sq. ft.
White grubs of: Japanese beetle, Black turf grass Aeneus, European chafer, Northern masked chafer, Southern masked chafer, Green June beetle, Annual white grub ( <i>Cyclocephala immaculata</i> ) Mole crickets	80 to 120	1.9 to 2.8
Surface dwellers and/or feeders: Chinchbugs, Leafhoppers, Sod webworms, Ants, Brown dog ticks, Centipedes, Crickets, Earwigs, Firebrats, Fleas, Ground beetles, Millipedes, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders.	40 to 80	0.9 to 1.9

BEST AVAILABLE COPY

## **SUBSURFACE APPLICATION**

Pest	Dosage of Product	
	Lb/Acre	Lb/ 1,000 sq. ft.
White grubs of: Japanese beetle, Southern masked chafer Mole crickets	80 to 120  50 to 80	1.9 to 2.8  1.1 to 1.8

Allow 14 days between applications of TURCAM 2½G.

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## PLANT SAFETY

**When treating large numbers of plants of a single variety, treat a few plants and observe prior to full scale application.**

**For white grubs of Japanese beetle and Southern masked chafer, apply TURCAM 2%G 0.25–0.75 deep in 2-inch bands.**

The following table lists application equipment and recommended settings for that equipment for the surface application of TURCAM 2½G:

Spreader Model	Pounds of Product per Acre	Once Over	Twice Over	Swath Width
SPYKER (Rotary)	80	3.9	3.4	6 ft.
LESCO (Rotary)	80	D½	—	8 ft.
CYCLONE (B-1, 30, 96)	80	4.0	—	—
PRIZELAWN-CBR	80 120	4.5 5.0	— —	Same as spreader width
GANDY DROP	80 120	30 34	— —	30 inches 30 inches
SCOTT DROP	80 120	6¾ 8	— —	21 inches 21 inches
SCOTT R-7x	80 120	F-½ H-½	— —	9 ft. 9 ft.
SCOTT R-8A	80 120	L M-½	— —	10 ft. 10 ft.
VICON or LESCO Pendulum	80	18	—	15 ft. at 5 mph
LELY HR spreader assembly setting #3	120	4 (right discharge gate opening ¾")	—	23 ft. with a PTO speed of 510 and RPM 1700 at 5 mph

**IMPORTANT:** Please note that these settings are approximate as the condition of each piece of equipment can affect actual rates of application. Settings should be made after a calibration check is completed.

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**IMPORTANT: READ BEFORE USE**

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT.

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