

AUG 17 1993

RESTRICTED USE PESTICIDE Due to Aquatic and Human 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® 2½G

INSECTICIDE

For Use on Ornamental Trees, Shrubs, Turf, and Non-Bearing Nut, Non-Bearing Citrus, and other Non-Bearing Fruit Trees
DO NOT USE ON FOOD CROPS

ACTIVE INGREDIENTS:

Bendiocarb (2,2-dimethyl-1,3-dioxane-5-yl-
methylcarbamate)

INERT INGREDIENTS:

By Weight

TOTAL

100.0%

*Patented by U.S. Patent No. 3,735,338

EPA Reg. No. 45639-100

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Give water to drink. If patient is unconscious, give water by mouth. If patient is conscious, give water by mouth. If patient is unconscious, give water by mouth. If patient is conscious, give water by mouth.

IF INHALED: Remove patient to fresh air.

IF ON SKIN: Wash with plenty of water. If patient is unconscious, give water by mouth. If patient is conscious, give water by mouth.

IF IN EYES: Flush with plenty of water.

NOTE TO PHYSICIAN: This product is a restricted use pesticide. It is not to be used on food crops. It is not to be used on ornamental trees, shrubs, turf, and non-bearing nut, non-bearing citrus, and other non-bearing fruit trees.

SEE STATEMENT OF PRACTICAL TREATMENT FOR ADDITIONAL INFORMATION.

NOR-AM

NOR-AM CHEMICAL COMPANY
SPECIALTY PRODUCTS DIVISION
1000 E. 10th Avenue
Denver, Colorado 80202
(303) 733-1000

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 preserves) 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, turf, and non-bearing nut, non-bearing citrus, and other non-bearing fruit trees.

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, Grape 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 six 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 Ataenius, 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

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.

LANDSCAPE PLANT RECOMMENDATIONS:

Use TURCAM 2½G to control specified pests of nonedible ornamental landscape plants including, but not limited to: Ag-
eratum, Azarina, Begonia, Calendula, Celosia, Chrysanthem-
um, Coleus, Daffodil, Dahlia, Dianthus, Ferns Fuchsia,
Gazania, Geranium, Holly, Hypoestes, Impatiens, Iris, Ivy,
Kalendra, Lily of the Valley, Marigold, Nasturtium, Nicotiana,
Pansy, Petunia, Portulaca, Salvia, Shasta daisy, Snap-
dragon, Verbena, Vinca, and Zinnia.

Apply TURCAM 2½G to give complete and uniform coverage
of the pest-infested areas. Applications should be made us-
ing the rates in the above table and applied below or around
the landscaped area.

PLANT SAFETY

TURCAM 2½G has demonstrated excellent plant safety;
however, all species and varieties have not been tested.
When treating large numbers of plants of a single variety,
treat a few plants and observe prior to full scale application.

APPLICATION EQUIPMENT: TURCAM 2½G is a granular
formulation. Application using subsurface placement equip-
ment is recommended for insects below the soil surface.
Where this is not practical, apply with a fertilizer spreader or
equivalent equipment as uniformly as possible.

For white grubs of Japanese beetle and Southern masked
chafer, apply TURCAM 2½G 0.25-0.75 deep in 2-inch bands.
For mole crickets, apply TURCAM 2½G 0.75-1.00 inch deep
in 3-inch bands or less.

The following table lists application equipment and recom-
mended settings for that equipment for the surface applica-
tion of TURCAM 2½G.

NON-BEARING NUT, NON-BEARING CITRUS, AND OTHER NON-BEARING FRUIT TREES

(Trees not expected to bear nuts or fruit for 12 months follow-
ing the last application of TURCAM 2½G).

Applications should be made using the rate shown below:

Pest	Dosage of Product	Application Procedure
Ants	1 oz. per tree or ant mound (110-200 oz./acre)	Apply around base of trees, transplants, resets, or around ant mound. Repeat as necessary.
Other Pests		See "Pest/Dosage of Product" chart above.

RECOMMENDED SETTINGS

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

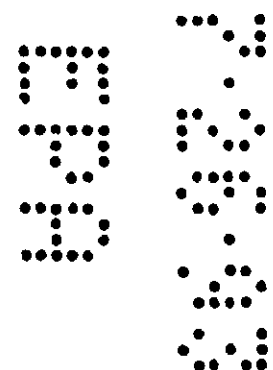
By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

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