

Reg # 34704-437

PM-19



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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JAN 28 1991

J. ALLEN DUNLAP III
WILLIAM M. MAHLBURG
AGENT FOR: PLATTE CHEMICAL CO. INC.
P.O. BOX 667
GREELEY, CO. 80632

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/16/93 In Response to PR Notice 93-7
EPA Reg. No. 34704-437
CLEAN CROP TURCAM 2.5G INSECTICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

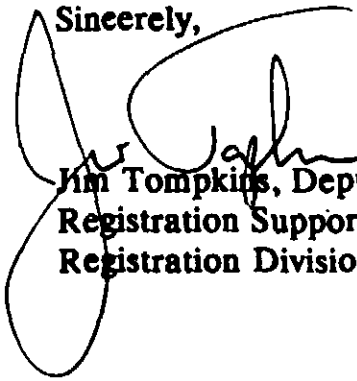
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

J Allen Dunlap III
WILLIAM M. MAHLBURG
AGENT FOR: PLATTE CHEMICAL CO., INC.
- BOX 667
GREELEY CO 80632

Comment for: EPA Reg Nr.34704-437 ..
CLEAN CROP TURCAM 2.5G INSECTICIDE

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

You have incorrectly located the sentence describing the exception to the restricted entry interval when soil-injection or soil-incorporation is used. Move the exception from its present position on your proposed label to immediately following the statement(s) establishing the restricted entry interval inside the Agricultural Use Requirements box. The soil incorporation exception should be placed directly beneath the REI statement.

TURCAM[®] 2.5 G INSECTICIDE

EPA REG. NO. 34704-437

STORAGE AND DISPOSAL

Do not contaminate water, feed, or food by storage or disposal. 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:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION: TURCAM 2.5 G 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 2.5G per acre per year. Spring applications must not exceed 120 lbs. of TURCAM 2.5G 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 TURF, ORNAMENTAL TREES AND SHRUBS RECOMMENDATIONS: Use TURCAM 2.5 G 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, Colonnaster, 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, Weigelia, Yaupon.

APPLICATION PROCEDURES

Apply TURCAM 2.5 G 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 1/4-3/4 inches of water to encourage movement of TURCAM 2.5 G 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 2.5 G 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 Atecius, European chafar, Northern masked chafar, Southern masked chafar, 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 beetles, Southern masked chafar Mole crickets	80 to 120	1.9 to 2.8
	50 to 80	1.1 to 1.8

Allow 14 days between applications of TURCAM 2.5G.

LANDSCAPE PLANT RECOMMENDATIONS: Use TURCAM 2.5 G to control specified pests of nonedible ornamental landscape plants including, but not limited to: Ageratum, Azarina, Begonia, Calendula, Celosia, Chrysanthemum, Coleus, Daffodil, Dahlia, Dianthus, Ferns, Fuchsia, Gazania, Geranium, Holly, Hypoestes, Impatiens, Iris, Ivy, Kalendra, Lily of the Valley, Marigold, Nasturtium, Nicotiana, Petunia, Portulaca, Salvia, Shasta daisy, Snapdragon, Verbena, Vinca, and Zinnia.

Apply TURCAM 2.5 G to give complete and uniform coverage of the pest-infested areas. Applications should be made using the rates in the above table applied below or around the landscaped area.

PERIMETER TREATMENT: To help prevent infestation of buildings by ants, crickets, brown dog ticks, centipedes, earwigs, firebrats, fleas, ground beetles, millipedes, pillbugs, scorpions, silverfish, sowbugs, and spiders, treat a band of soil 6 to 10 feet wide around and adjacent to the building at a rate of 0.9 to 1.9 lbs. per 1000 square feet.

CARPENTER ANTS: For control of Carpenter ants around firewood piles. Treat the area where firewood is to be stacked at the rate of 0.9 to 1.8 lbs. per 1000 square feet. After the firewood is in place, treat a 3 to 6 foot band around the woodpile. If the rows of wood are stacked so there is about 2" between them, repeated treatment of the woodpile can be made by sprinkling or shaking the granules between the rows.

PLANT SAFETY

TURCAM 2.5 G had 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 2.5 G is a granular formulation. Application using subsurface placement equipment 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 chafar, apply TURCAM 2.5 G 0.25-0.75 inch deep in 2-inch bands. For mole crickets, apply TURCAM 2.5 G 0.75-1.00 inch deep in 3-inch bands or less.

The following table lists application equipment and recommended settings for that equipment for the surface application of TURCAM 2.5 G.

Calibration of Spreaders for Applications of TURCAM 2.5 G
Approximate Spreader Settings to Apply
Pounds of TURCAM

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	D 1/2	—	8 ft.
CYCLONE (B-1, 30, 96)	40	3.25	—	—
	80	4.00	—	—
	160	5.00	—	—
PRIZE-LAWN-CBR	80	4.5	—	Same as spreader width
	120	5.0	—	—
GANDY DROP	80	30	—	30 inches
	120	34	—	30 inches
SCOTT DROP	80	6 3/4	—	21 inches
	120	8	—	21 inches
SCOTT R-7x	80	F-1/2	—	9 ft.
	120	H-1/2	—	9 ft.
SCOTT R-8A	80	L	—	10 ft.
	120	M-1/2	—	10 ft.
VICON or LESCO Pendulum	80	18	—	15 ft. at 5 mph
LELY HF spreader assembly setting #3	120	4 (right discharge gate opening 3/4")	—	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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**TURCAM® 2.5 G
INSECTICIDE**

EPA REG. NO. 34704-437

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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FORMULATED FOR
PLATTE CHEMICAL CO.
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