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Ms. Kathie J. Tryson
Chemsico
Division of United Industries Corporation
P.O. Box 15842
St. Louis, Missouri 63114

Subject: Revised Labeling--General Reformatting
Chemsico Lawn & Garden Granules
EPA Registration Number 9688-88
Your Application Dated July 7 and Additional
Information Submitted (FAX) July 25, 1995

Dear Ms. Tryson:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, is acceptable provided that you make the labeling changes indicated below before you release the product for shipment bearing the amended labeling:

1. Delete the claim "Duration formula." Without further explanation the claim does not seem to have a specific meaning.
2. Revise the directions for use on sweet potatoes to "Apply granules just before planting time in a 12-inch wide band and work into top 4-6 inches of soil."

Submit five (5) copies of your final printed labeling before you release the product for shipment.

In the additional information that you submitted you stated that one cup of this product weighs 3.8 ounces, and that this value was determined experimentally. The value for the bulk density indicated on the Confidential Statements of Formula for

this product is 36-40 pounds per cubic foot. Please verify if these values are equivalent, or, if necessary, revise the value on the Confidential Statements of Formula.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure



LAWN & GARDEN GRANULES

Kills soil feeding insects • Kills soil surface insects • Use on lawns and gardens • Protects lawns • Protects gardens • Barrier protection around the home • Kills lawn and garden insects • Also controls home invading pests • Treats up to 4,000 sq. ft. • Covers up to 4,000 sq. ft. • Duration formula - Long-lasting control • Contains Dursban®

Long-lasting control of insects that

- Invade the home such as Fleas, Ants, Crickets, Spiders, and Ticks.
- Damage lawns and vegetable gardens like Chinch bugs, Crickets, Cutworms, Earwigs, European crane flies, European chafer (larvae), Grubs, Hyperodes weevils, Japanese beetle (larvae), Sowbugs (Pillbugs), Sod webworms, and many others.

Controls: Brown Dog Ticks, Fleas, Grubs, Chinch Bugs, Crickets, Cutworms, Earwigs, Grasshoppers, European Chafer (larvae), Hyperodes Weevils, Japanese Beetle Larvae, Sowbugs (Pillbugs), and Sod Webworms. Also for control of certain pests on vegetable and field crops.

Active Ingredient:

Chlorpyrifos [0,0-diethyl-0-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 1.0%

Inert Ingredients: 99.0%

Dursban is a registered trademark of DowElanco.

Keep Out of Reach of Children

CAUTION See back for additional precautionary statements.

NET WEIGHT 10 LB. /4.53 kg

ACCEPTED
with COMMENTS
in EPA Letter Dated

AUG 18 1995

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

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(OPTIONAL INTRODUCTORY PARAGRAPH)

Chemsico's Duration formula is long-lasting insect protection for your lawn & vegetable garden and, when used as a barrier treatment, helps to prevent pests from invading your home. It is ideal for use throughout the season to control fleas, ants and other insects.

STOP. READ ALL INSTRUCTIONS BEFORE USING. (Alternate: STOP. Read entire label before use.)

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

LAWN APPLICATION: HOW TO USE

Treat as soon as an insect problem is suspected. (Icon) Use a broadcast, drop or hand spreader (see spreader settings table below). Repeat as necessary if reinfestation occurs. **IMPORTANT:** Be sure to water your lawn immediately after application to ensure control. (Icon) Keep people and pets off treated area until dry.

LAWN APPLICATION FOR CONTROL OF FLEAS AND TICKS

Fleas and ticks will begin to appear in late spring and, if left untreated, persist until late summer. To control the problem, treat monthly with 2 1/2 lbs. per 1000 square feet of lawn. For complete control, you will need to treat your pet with an EPA approved product labeled for use on pets such as (...). Do not treat pets with this product. You will also need to treat your home with a product registered for indoor use such as (...). Do not use this product indoors.

LAWN APPLICATION FOR ALL OTHER INSECTS

Insect	Amount per 1000 sq. ft.
Ants, Armyworms, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Grasshoppers, Sod Webworms, Sowbugs (Pillbugs)	2 1/2 lbs.
European Crane Flies	3 1/2 lbs.
Grubs (larvae of European Chafer, Spotted Chafer and Japanese Beetle), Hyperodes Weevils, Mole Crickets	5 lbs.

Grubs (larvae of European Chafer, Spotted Chafer and Japanese Beetle), Hyperodes Weevils, Mole Crickets

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WHEN TO TREAT: Treat the following insects in the months indicated. Repeat as necessary.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Grubs					
				Mole Crickets							
			Hyperodes Weevils								
Ants, Fleas, Ticks and Other Insects											

PERIMETER TREATMENT FOR HOME INVADING PESTS

Outdoor pests such as ants, fleas, crickets, earwigs, spiders, millipedes, silverfish and sowbugs (pillbugs), can enter homes. To help prevent this, apply a 6 foot band of granules next to the house foundation. Apply at the rate of 2 lbs./130 linear feet. Do not water in.

FIRE ANT TREATMENT

As an aid in the control of the Imported Fire Ant, apply 1/2 cup of this product to the center of the mound and out 2 feet surrounding it. Do not water in or disturb the mound. Apply when temperatures are between 65 and 80°F, or in early morning or late evening hours. Allow 3 to 4 days for maximum control, then repeat as necessary. Treat new mounds as they appear.

SUGGESTED SPREADER SETTINGS

Spreader	2 1/2 lbs./1000 sq. ft.	Spreader	2 1/2 lbs./1000 sq. ft.
Agway	3	Scotts ER2	26
Cyclone Broadcast	4	Scotts PF3	6
Greenview Drop II	5 1/2	Sears Drop 1935	5 1/2
Greenview Jet Spread II	4	Sears Broadcast 1930	3 1/4
Red Devil	6	Servistar Broadcast	4
Republic Drop 530	9	Servistar Drop	5 3/4
Republic Broadcast 540	2 1/2	True Temper Broadcast	4
Scotts AG1	3 1/2	True Temper Drop	5 3/4
Scotts SG1	4 1/2		
HANDHELD SPREADERS			
Red Devil	4	Scotts Handy Green	4
Republic Handy Spreader	4		

NOTE: These settings are approximate, due to variability and wear and tear of spreader. Check settings and calibrations on a small area before making total application.

VEGETABLES: (IMPORTANT: Do not make more than one application per season):

VEGETABLE	INSECTS	Amount to apply per 100 feet of plants	SPECIAL INSTRUCTIONS
Broccoli, Brussels sprouts, Cabbage, Cauliflower, Chinese cabbage, Collards, Kale, Kohlrabi, Turnips	Root Maggots	2 1/2 cups	After planting seeds and covering with soil, apply granules across the seed row in a 4-inch wide band. Mix into the top 1/2 inch of soil.
Onions	Onion Maggots	1 1/2 cups	Apply in the furrow at planting time and cover with soil.
Radishes	Root Maggots	1 1/2 cups	Apply granules in the furrow with the seed at planting time. After applying, cover seed and granules with soil.

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Sugar beets	Cutworms, Sugarbeet root maggot larvae	3 cups	Apply granules at planting time in a 5-inch wide band and mix into top 1 - 2 inches of soil.
Sweet corn, Popcorn	Cutworms, Wireworms, Billbugs, Seed corn maggots, Grubs, Lesser cornstalk borers, Seed corn beetles, Flea beetle larvae, Northern, Southern and Western corn rootworms larvae, European and Southern corn borers	4 cups	Apply granules just before planting and work into top 4 - 6 inches of soil.
Sweet potatoes	Sweet potato beetles, Wireworms, Flea beetles	2 cups	Apply granules just before planting and work into top 4 - 6 inches of soil.

STORAGE AND DISPOSAL

Do not reuse empty container. Wrap container and put in trash collection.

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals**

CAUTION: May be harmful if swallowed. May be injurious to eyes and skin. Do not get on skin or in eyes. Wash thoroughly after handling. Do not wear contaminated clothing. Wash contaminated clothing before reuse. Avoid breathing dust. Keep away from food, feedstuffs and water supplies. Food utensils such as measuring cups must not be used for food purposes after use in measuring pesticides. When directed to water in after application, keep people and pets off treated areas until dry. **Note to Physician:** Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

Statement of Practical Treatment

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention. **If on Skin:** In case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water. **If In Eyes:** Flush with plenty of water and get medical attention.

Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions. Questions or comments? Call 800-332-5553.

Made in the USA for Chemsico, Division of United Industries Corporation, P.O. Box 16842, St. Louis, MO 63114-0842

EPA Reg. No. 9688-88

EPA Est. Nos.: 10370-TX-1 F, 9198-OH-1 M, 61282-WI-1 H, 44616-MO-1 G, 961-PA-1 L, 9198-OH-2 B, 769-GA-1 S Superscripts used in first letter of lot number

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