

JAN - 4 1994

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

Subject: Revised Labeling
Chemsico Lawn & Garden Granules
EPA Registration Number 9688-88
Your Submission Dated November 3, 1993

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. Add the following sentence to the Hazards to Humans and Domestic Animals section: "When directed to water in after application, keep children and pets off treated areas until dry."
2. In the Statement of Practical Treatment add directions for "If Inhaled."

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

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

M
67
27

Chemsico Lawn & Garden Granules

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. Apply granules with a spreader and water in immediately. Do not mow for 24 hours following treatment.

Chinch Bugs: Apply 16 lbs. per 5,000 sq. ft. (100 - 150 lbs. per acre) when activity or damage appears. To prevent damage, apply as soon as daily temperatures reach 80°F and repeat every two months.

Ants, Crickets, Grasshoppers and Sowbugs (Pillbugs): Apply 13 lbs. per 5,000 sq. ft.

Fleas and Brown Dog Ticks: Thoroughly apply granules as a spot treatment to infested areas such as: Pet Beds; Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment of pet areas. Do not apply this product indoors. To control the source of your flea infestation, treat pets with an EPA approved product registered for direct application to pets. **Yard Areas:** Apply granules uniformly to home lawns, under shrubbery, and other ornamental recreational turf grass areas. Treat when insects first appear using granules at the rate of one pound per 400 sq. ft. or two pounds per 800 sq. ft. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, sprinkle the turf with 40 gallons of water per 800 sq. ft. so as to wash the granules into the area of insect infestation. Re-treat as necessary. Do not treat pets with this product.

Cutworms, Earwigs: Apply 8 lbs. per 5,000 sq. ft. Water in immediately with 150 gallons of water per 5,000 sq. ft.

Perimeter Treatment: To help prevent infestation of buildings by ants, crickets, earwigs and sowbugs (pillbugs), treat a band 6 to 10 feet wide around and adjacent to the buildings where pests are active and may find entrance. Follow same rates as shown above for the pests to be controlled.

Hyperodes Weevils: Apply 25 lbs. per 5,000 sq. ft. Apply in mid-April and repeat in mid-May.

Japanese Beetle Larvae and European Chafer (larvae): Apply 25 to 50 lbs. per 5,000 sq. ft. For best results, treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Cooperative Agricultural Extension Service specialist for proper use to treat in your area.

European Crane Flies: Apply 17 1/2 lbs. per 5,000 sq. ft. For increased effectiveness, water thoroughly after application with 1/2 to 1 inch of water to move the insecticide into the soil. Consult your local Cooperative

EPA Reg. 9688-88

contains
Dursban®

Treats up to 6,250 sq. ft.

Chemsico

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

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)

Inert Ingredients: 99.0%

Contains DURSBBAN brand insecticide. U.S. Patent No. 3,244,586.

®Dursban is a registered trademark of DowElanco.

Keep Out of Reach of Children

CAUTION

See additional precautionary statements on back of bag.
Net Weight 10 pounds (4.54 Kilograms)

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN - 4 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 9688-88

Agricultural Extension Service area.

Spreader Setting For Cyclone	
Lbs./product per 5,000 sq. ft.	8
Spreader Setting	4.00
For a delivery rate of 1 pound per 800 sq. ft., use a spreader setting of 4.00.	

NOTE: Spreader calibrations may vary with setting and calibration on small areas.
CAUTION: Keep children and pets off treated areas.

Imported Fire Ant Mound Treatment: Imported Fire Ant, apply 1/2 cup of granules around and out 2 feet surrounding mound. Apply when temperature is 80°F or higher in morning or late evening hours. Repeat as necessary. Treat

Vegetables

Field Corn, Popcorn, Sweet Corn: Garden Granules to control southern and western corn rootworms, wireworms, billbugs, seed corn maggot, cornstalk borer, seed corn weevil, symphylans, European cornborer, etc. either as an in-furrow treatment or as a top-dressing row at planting time. To apply granules in a 6 to 7 inch wide band, use 3/4 to 1-1/2 lbs. per 100 sq. ft. into the soil using a hoe or a broadcast in-furrow treatment apply granules in a furrow at a rate of 12 to 24 lbs. per acre. After application, cover granules with soil in furrow. (Use higher rate in heavy soil.) To control corn rootworm

393.

Chemsico Lawn & Garden Granules

EPA Reg. 9688-88

Page 2 of 2

Place the granules over the row at a rate of 12 to 24 oz. per 100 ft. of row. Cultivate into the soil or sidedress both sides of the row and cultivate into the soil. For best rootworm control, place granules at the base of the plants on both sides of the row and cover with soil. Consult your State Agricultural Experiment Station or extension service specialists for proper time to treat in your area or for further information concerning soil insect control in your area.

Postplant Broadcast Treatment: Use Chemsico Lawn & Garden Granules for control of European and southwestern corn borers by uniformly broadcasting granules over the corn plants, applying at a rate of 4 to 6 oz. per 100 ft. of row into the corn whorls by ground application. Consult your State Agricultural Experiment Station or extension service specialist for local threshold information.

To apply granules as a broadcast treatment before planting, scatter evenly over the soil at a rate of 2-1/2 to 5 lbs. per 1000 sq. ft. After application, use a hoe, rotary tiller or other equipment to mix the granules into the soil to a depth of 4 to 6 inches. Plant in the usual manner.

Restrictions: For soil insect control, do not exceed the equivalent of 24 ounces of granules per 100 feet of row or 5 pounds of granules per 1,000 sq. ft. per crop season. For foliar insect control, do not exceed the equivalent of 24 ounces of granules per 100 feet of row or 5 pounds of granules per 1000 sq. ft. per crop season. Do not apply within 35 days before harvest of grain. Do not allow livestock to graze in treatment area nor harvest treated corn silage as feed for meat or dairy animals within 14 days after last treatment. Do not feed treated corn fodder to meat or dairy animals within 35 days after last treatment.

Onions (dry bulb): To control onion maggot, apply at the rate of 5 ounces per 100 feet of row by placing in the furrow. After application, cover furrow with soil. **Restrictions:** Do not make more than one application per year.

Peanuts: Preventative Treatment - Use Chemsico Lawn & Garden Granules for control of cutworms, lesser cornstalk borer and southern corn rootworm larvae and to inhibit the growth and development of white mold (southern blight) disease caused by the fungus *Sclerotium rolfsii*. Apply just prior to or during pegging in a 10 to 18 inch wide band over the fruiting zone at a rate of 1-1/2 lbs. per 100 ft. of row.

Irrigation or rain following application will enhance activity. Under conditions of heavy white mold pressure, a suitable fungicide may also be required and should be applied separately. **Rescue Treatment** - Use Chemsico Lawn & Garden Granules for the control of lesser cornstalk borer when the insect first appears usually just prior to or at pegging. Apply at a rate of 11 to 22 oz. per 100 linear feet. **Restrictions:** Do not make more than one application per season. Do not harvest within 21 days after treatment. Do not feed peanut forage or hay to meat or dairy animals.

Sugar Beets: To control cutworms and sugarbeet root maggot larvae at planting time, place granules in a 5-inch wide band. Apply at the rate of 9 to 13 ounces per 100 feet of row. Incorporate granules into the top 1 to 2 inches of soil using suitable equipment. **Postemergence Band Treatment:** For postemergence control of sugarbeet root maggot larvae, place granules in a 5-inch wide band over the beets (up to 2 to 4 true leaf stage of the plant). Apply at the rate of 9 to 13 ounces per 100 feet of row. Incorporate the granules into the top 1/2 to 1 inch of soil using a suitable cultivator. **Restrictions:** Do not make more than one application per year.

Sunflowers: To control cutworms at planting time, apply granules in a 7 inch wide band over the row. Apply at a rate of 3/4 lb. per 100 feet of row. After application, mix into the soil using suitable equipment. **Restrictions:** Do not make more than one application per season.

Sweet Potatoes: To control wireworms (*Conoderus*), flea beetles (*Systema*), and sweet potato beetle, apply at a rate of 4-1/2 lbs. per 1000 sq. ft. in a preplanting broadcast treatment. Use equipment that will evenly distribute the granules over the treated area. After application, incorporate the granules into the soil to a depth of 4 to 6 inches using a rotary hoe, disc cultivator, or other suitable incorporation equipment. Plant the crop in the usual manner as soon as possible after treatment. **Restrictions:** Do not make more than one application per season. Do not harvest within 125 days of treatment.

Vegetables: To control root maggots on Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Collards, Kale, Kohlrabi, Rutabagas and Turnips, apply granules across the seed row in a 4 inch wide band. Apply at a rate

of 7 to 13 ounces per 100 feet of row. After application, mix granules into the soil using a hoe or other suitable tool. **Restrictions:** Do not apply more than 5 lbs. of granules per 1000 sq. ft. Do not make more than one application per season. Do not use rutabaga tops for food or feed purposes.

Radishes: To control root maggots on radishes, apply granules in the furrow with the seed at planting time. Apply at a rate of 5 oz. per 100 ft. of row. After applying, cover seed and granules with dirt. **Restrictions:** Do not apply more than 6 lbs. of granules per 1000 sq. ft. or make more than one application per season.

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. Flush contaminated eyes with plenty of water and get medical attention.

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.

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.

Manufactured in the U.S.A. for Chemsico, St. Louis, MO 63114

EPA Reg. No. 9688-88

EPA Est. No.

Form A2/REG ©1993