

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

9580-93

DATE OF ISSUANCE

November 14, 1991

TERM OF ISSUANCE

Initial Reregistration

NAME OF PESTICIDE PRODUCT

Chemsico Lawn & Garden Granules

NOTICE OF PESTICIDE: ☒ REGISTRATION
☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Chemsico
Division of United Industries Corporation
P.O. Box 15842
St. Louis, MO 63114

9.5.91

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 2(c)(7)(i) provided that you:

1. Submit/date all data or other material required for reregistration of your product under FIFRA section 2(c)(5) and FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase "EPA Registration No. 9580-93" to your label before you release the product for shipment.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-70 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (475050)

Enclosure

BEST AVAILABLE COPY

☒ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Dennis H. Edwards, Jr.

DATE

11/14/91

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9
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ACCEPTED
with COMMENTS
in EPA Letter Dated

Chemsico Lawn & Garden Insect Control Granules

EPA Reg. 9688-

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 23 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

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

treats up to 6,250 sq. ft.



Chemsico

LAWN & GARDEN INSECT CONTROL 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-O-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 1.0%
Inert Ingredients: 99.0%
Contains DURSBAN 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)

when grubs are young surface, usually during local Cooperative Agriculture for proper time to treat in

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

NOTE: Spreader calibration. Check setting spreader. Check setting making total application pets off treated areas Imported Fire Ant Mon control of the Imported F to the center of the moun not water in or disturb the are between 65 and 8 evening hours. Allow 3 to repeat as necessary. Tr

Vegetable

Field Corn, Popcorn, S Garden Insect Control pests: Northern, southern cutworms, wireworms, b lesser cornstalk borer, a symphylans, European either as an in-furrow tre row at planting time. To granules in a 6 to 7 inch 3/4 to 1-1/2 lbs. per 10 into the soil using a hoe in-furrow treatment app furrow at a rate of 12 to

After application, cover granules with soil by closing the furrow. (Use higher rate in heavy soil).

To control corn rootworm larvae, apply at cultivation time. 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 Insect Control 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 Insect Control 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 Insect Control 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-
EPA Est. No.

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