



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (H7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:
 59144-27

Date of Issuance:
 DEC 21 1995

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance: Until Reregistration

Name of Pesticide Product:
 Ant, Flea, Tick & Grub Granules

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Gro Tec, Inc
 Box 290
 Madison, GA 30650

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 59144-27".
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Signature of Approving Official:

DHE

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

Date:

DEC 21 1995



BEST COPY AVAILABLE

ANT, FLEA, TICK & GRUB GRANULES with SEVIN® 2% Brand Carbaryl Insecticide

**FOR HOME LAWNS & ORNAMENTAL / RECREATIONAL TURF - FOR FIRE ANTS.
FOR TICKS THAT VECTOR LYME DISEASE - NUISANCE PESTS AROUND HOMES.**

ACTIVE INGREDIENT:
Carbaryl: 1-Naphthyl N-methylcarbamate - - 2%
INERT INGREDIENTS: - - - - - 98%
Total 100%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

PRECAUCION AL USUARIO: Si usted no lee Ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente

STATEMENTS OF PRACTICAL TREATMENT

ALLOWED: Call a physician of Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. Apply Artificial Respiration if indicated. Get medical attention.

NOTE TO PHYSICIAN: Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is Antidotal.

SEE SIDE/BACK PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENT

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before eating or drinking. Change to clean clothing daily. Do not contaminate feed or foodstuffs.

NOTE TO PHYSICIAN: Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is antidotal.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open container. In case of spill; Avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility.

FOR CHINCH BUGS AND SOD WEBWORMS

Apply 2 1/3 lbs./1,000 sq. ft. of turf. For Chinch Bugs treat entire area to prevent their migration. Repeat applications may be made at 30 day intervals or as needed for control of new infestations. For heavy infestations increase rate to 4 2/3 lbs. per 1,000 sq. ft. and treat the entire area.

ROOT FEEDING INSECTS

FOR CONTROL OF WHITE GRUBS (SUCH AS JAPANESE BEETLE, CHAFER BEETLES, AND PHYLLOPHAGA SPP. LARVAE), BLUEGRASS BILLBUGS, FLEAS, EUROPEAN CRANE FLY LARVAE, AND BLACK TURFGRASS ATAENIUS

Apply 4 2/3 lbs. per 1,000 sq. ft. of turf area during late March through May or July to early September when Grubs are feeding near the soil surface or as recommended by local agricultural extension agents. Water or irrigate turf thoroughly soon after treatment to move the insecticide into the root feeding zone. See General Directions.

For CRANE FLY LARVAE apply at the same rate in early spring; April 1 to April 15th or as recommended by the local Extension Service. Irrigate area after treatment to move granules into root feeding zone.

**FOR FLOWERING PLANTS AND SHRUBS IN
LANDSCAPE and FOUNDATION PLANTINGS**

For CUTWORMS, ARMYWORMS, SOWBUGS, MILLIPEDES and CENTIPEDES which attack ornamental and flowering plants in shrubbery and foundation plantings apply 4 2/3 lbs. granules evenly over 1,000 sq. ft. (20 x 50 ft). Repeat as needed for control up to 3 times per year.

Spreader	SPREADER SETTINGS			
	Pounds/1,000 Sq. Ft.		Pounds/500 Sq. Ft.	
	2 1/3 lbs.	4 2/3 lbs.	3.5 lbs.	4.5 lbs.
Cyclone B1	xx	xx	xx	xx
Scott Rotary R-8	xx	xx	xx	xx
Scott Drop Spreader	xx	xx	xx	xx

TREAT LAWNS AND PERIMETER WOODED AREAS FOR CONTROL OF TICKS THAT VECTOR "LYME DISEASE"

For control of juvenile and adult Ixodes spp. (Deer Tick and Black Legged Tick) and Amblyomma spp. ticks (Lone Star Ticks) which vector Lyme Disease. Apply granules at the rate of 3.5 to 4.5 pounds of product per 500 sq. ft. with appropriate equipment to ensure uniform coverage. Target applications to control juvenile ticks (larvae and nymphs) in late spring or early summer (May/June). Control of adult ticks can be achieved with late summer and fall applications (Aug/Sept). Make applications to lawns, shrub beds, ornamental plantings, wooded areas and around outside perimeters of home and other buildings. Do not make spot applications. Treat entire lawn and perimeter wooded areas and property boundaries where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from the granules. Ticks may be reintroduced from surrounding areas on host animals. Retreat as necessary to maintain adequate control levels.

NUISANCE PEST CONTROL AROUND THE OUTSIDE OF HOMES, PORCHES, PATIOS AND BUILDINGS

For control of Ants, Armyworms, Ticks, Cutworms, Centipedes, Crickets, Earwigs

IF INHALED: Remove victim to fresh air. Apply Artificial Respiration if indicated. Get medical attention.
NOTE TO PHYSICIAN: Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is Antidotal.

SEE SIDE/BACK PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENT

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before eating or smoking. Change to clean clothing daily. Do not contaminate feed or foodstuffs.
NOTE TO PHYSICIAN: Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is antidotal.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open container. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility.
CONTAINER DISPOSAL: Do not reuse empty bag. Completely empty bag into 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 DIRECTIONS

FOR LAWNS, ORNAMENTAL & RECREATIONAL TURF

Use when insects first appear and/or plant damage is imminent. For best results, mow lawn first and then apply material. Irrigate or instruct the property owner to irrigate 1/4" to wash insecticide into the grass. Keep children and pets off treated areas until grass is dry. Repeat applications may be made as needed for control of new insect infestations.

SURFACE FEEDING INSECTS

FOR ANTS, ARMYWORMS, CENTIPEDES, CUTWORMS, EARWIGS, FALL ARMYWORMS, FIERY SKIPPERS, GRASSHOPPERS, JUNE BEETLES, LEAFHOPPERS, MILLIPEDES, SOWBUGS, SPITTLEBUGS, SPRINGTAILS, TICKS, AND YELLOWSTRIPED ARMYWORMS.

Apply 2 1/3 lbs./1,000 sq.ft. when insects become a problem or their damage is imminent. This is equivalent to 2 lbs. carbaryl per acre. Refer to General Directions.

FOR FLOWERING PLANTS AND SHRUBS IN LANDSCAPE and FOUNDATION PLANTINGS

For CUTWORMS, ARMYWORMS, SOWBUGS, MILLIPEDES and CENTIPEDES which attack ornamental and flowering plants in shrubbery and foundation plantings apply 4 2/3 lbs. granules evenly over 1,000 sq.ft. (20 x 50 ft). Repeat as needed for control up to 3 times per year.

SPREADER SETTINGS

Spreader	Pounds/1,000 Sq.Ft.		Pounds/500 Sq.Ft.	
	2 1/3 lbs.	4 2/3 lbs.	3.5 lbs.	4.5 lbs.
Cyclone B1	xx	xx	xx	xx
Scott Rotary R-8	xx	xx	xx	xx
Scott Drop Spreader	xx	xx	xx	xx

TREAT LAWNS AND PERIMETER WOODED AREAS FOR CONTROL OF TICKS THAT VECTOR "LYME DISEASE"

For control of juvenile and adult Ixodes spp. (Deer Tick and Black Legged Tick) and Amblyomma spp. ticks (Lone Star Ticks) which vector Lyme Disease. Apply granules at the rate of 3.5 to 4.5 pounds of product per 500 sq.ft. with appropriate equipment to ensure uniform coverage. Target applications to control juvenile ticks (larvae and nymphs) in late spring or early summer (May/June). Control of adult ticks can be achieved with late summer and fall applications (Aug/Sept). Make applications to lawns, shrub beds, ornamental plantings, wooded areas and around outside perimeters of home and other buildings. Do not make spot applications. Treat entire lawn and perimeter wooded areas and property boundaries where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from the granules. Ticks may be reintroduced from surrounding areas on host animals. Retreat as necessary to maintain adequate control levels.

NUISANCE PEST CONTROL AROUND THE OUTSIDE OF HOMES, PORCHES, PATIOS AND BUILDINGS

For control of Ants, Armyworms, Ticks, Cutworms, Centipede Crickets, Earwigs, Firebrats, and Silverfish, Fleas, Millipedes, Sowbugs, Scorpions, and Spiders; Apply granules uniformly in an 8 foot band around the building. Apply granules at the rate of 2 1/3 lbs. per 1,000 sq.ft. to shrub and flower beds, foundations, ornamental plantings and lawn and soil areas immediately adjacent to the building. For most effective control treated area should be lightly watered after application to remove the chemical from the granules. Repeat treatments as necessary to control new infestations.

FIRE ANT CONTROL MOUND TREATMENT

For control of Fire Ants in mounds occurring in lawns, turf and premise areas apply 1/2 cup of granules over and around each mound (approx 2' x 2'). Then gently sprinkle the treated areas with about 1 gallon of water to release the chemical from the granules. Do not wash granules away from mound. For best results apply in cool weather (65° to 80°) or early morning or late afternoon. Retreat new mounds as they may appear.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use. Sevin® is the Registered Trade Mark of Rhone Poulenc Nederland BV // Carbaryl Insecticide (59-2% s/vn, pm5109-29-95)

EPA Reg. No. 59144-

ACCEPTED EPA Reg. No. 59144-GA-1

Net Weight 12 Pounds

DEC 21 1995

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

GRO-TEC
P.O. BOX 290 - Madison, GA 30650

BEST COPY AVAILABLE