

79676-5

07/20/2004

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number
79676-5

Date of

JUL 20 2004

NOTICE OF PESTICIDE:

☒ Registration ☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Chlorpyrifos Pro 2.32%
Granules

Name and Address of Registrant (include ZIP Code):

Gro-Pro, LLC
2214 Hwy 44 West
Inverness, FL 34453

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 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. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 79676-5".
 - b. Revise the Precautionary Statement to read "Harmful if swallowed, inhaled or adsorbed through the skin" to be consistent with the PPE and other precautionary statements.
 - c. Add "with soap and water" to wash thoroughly under Use Safety Recommendation"
3. Submit three copies of the final printed label for the record before you release the product for shipment.

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 copy of the label stamped "accepted with comments" is enclosed for your records.

Signature of Approving Official:

Akiva Abramovitch, Ph.D.
Chemist
Insecticide-Rodenticide Branch
Registration Division (7505C)

Date:

JUL 20 2004

Chlorpyrifos Pro 2.32% Granule

For effective long lasting control of Chinch Bugs, Asian Roaches, Fire Ants, Fleas, Ticks, Foraging Ants, Mole Crickets and other outdoor insects.

ACTIVE INGREDIENT:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridinyl) phosphorothioate)..... 2.32%

OTHER INGREDIENTS: 97.68%

TOTAL..... 100.00%

ACCEPTED
with COMMENTS

In EPA Letter Dated:

JUL 20 2004

KEEP OUT OF REACH OF CHILDREN

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

CAUTION

FIRST AID Organophosphate

If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

NOTE TO PHYSICIAN

Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration.

See inside label booklet for additional PRECAUTIONARY STATEMENTS

EPA Reg. No. 79676-

EPA Est. No.

Manufactured for:
Gro-Pro, LLC
2214 Hwy 44 West
Inverness, FL 34453

Net Weight: 50 lbs.

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

The maximum application rate of Chlorpyrifos Pro 2.32% Granule for all applications on this label is 1 lb. ai/A.

Chlorpyrifos Pro 2.32% Granule may be used for mound treatment control of imported fire ants⁽⁷⁾. Chlorpyrifos Pro 2.32% Granule also controls: Ants (including Carpenter, Argentine and Foraging), Armyworms (Beet, Fall, Yellowstriped), Centipedes, Chinch Bugs⁽²⁾, Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Mole Crickets⁽⁴⁾, Roaches (Asian), Sod Webworms (Lawn Moth)⁽³⁾, Sow Bugs, Springtails, Ticks (Brown Dog Tick)⁽¹⁾, Turfgrass Weevil (Hyperodes), White Grubs, European Crane Fly, Southern Chafer, Japanese Beetle, and June Beetle (Larvae)⁽⁵⁾, Bluegrass Billbugs⁽⁶⁾. (Refer to the numbered paragraphs in the SPECIFIC DIRECTIONS section of this label for specific insect control application information).

1 lb. of Chlorpyrifos Pro 2.32% Granule treats up to 1,000 sq. ft.

SPECIFIC DIRECTIONS

The following numbered paragraphs correspond to numbers in parenthesis () from the list of insects in the DIRECTIONS FOR USE section above. Insects not numbered may be controlled by following the GENERAL DIRECTIONS section of this label. Repeat treatments as needed for control.

(1) Brown Dog Ticks & Fleas

Use 0.5 lb./500 sq. ft. (1.0 lb./1,000 sq. ft.) for area control of these insects infesting golf course turf, road medians, and exterior areas of industrial plant sites. DO NOT allow public use of treated area during applications.

(2) Chinch Bugs

Apply $\frac{3}{4}$ lb. Chlorpyrifos Pro 2.32% Granule per 750 to 1,000 sq. ft. (40 to 43 lbs. per acre) when insects appear and/or their damage is imminent. To prevent damage, apply as soon as daily temperatures reach 80°F and repeat every 2 months. Use the lower rate as a preventative treatment or for light infestation. Use the higher rate when insects are present in large numbers and turf is being damaged.

(3) Sod Webworms

For sod webworms, apply Chlorpyrifos Pro 2.32% Granule at the rate of 40 lbs. per acre. Delay watering or mowing the treated area for 12 to 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional treatments at 30-day intervals may be needed for new infestations.

(4) Mole Crickets

Use 40 lbs. of Chlorpyrifos Pro 2.32% Granule per acre. Treat suspected problem areas when insects become a problem or as recommended by your local Agricultural Extension Service Specialist.

The best time to control Adult Mole Crickets:

March to August – egg-laying time

February to September – best time to control crickets

(5) White Grubs; Crane Fly Larvae

To control White Grubs, Black Turfgrass Ataenius, European Crane Fly, Southern Masked Chafer, Japanese Beetle and June Beetle (larvae): Use 40 lbs. Chlorpyrifos Pro 2.32% Granule per acre. Apply enough water to thoroughly wash the insecticide into the turf to improve efficacy. For best results, remove thatch first and treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service Specialist for best time to treat.

European Crane Fly larvae will be controlled using 1.0 lb Chlorpyrifos Pro 2.32% Granule per 1,000 sq. ft. or will be controlled simultaneously with the same application being applied for control of White Grubs. Consult your local Agricultural Extension Service Specialist for best time to apply. For best results, first remove thatch. Water the granules into the soil.

(6) Bluegrass Billbugs

Use 35 lbs. Chlorpyrifos Pro 2.32% Granule per acre. To improve control, apply enough water to wash granules into the soil where insects are feeding.

(7) Imported Fire Ant Control

Mound Treatment – For treatment of Fire Ant mounds. For Professional Use Only. Treat individual ant mounds measuring from 3 to 12 inches in diameter by applying $\frac{1}{2}$ tablespoon of granules evenly in a circle around the outer edges (1 to 2 feet from the center) of the mound. Finish the treatment by applying 1 tablespoon of granules sprinkled evenly over the center of the mound. After granule application, gently sprinkle the treated area with a minimum of 1 quart of water per 6 inches of mound diameter. Apply in cool weather (65° to 80°F) or in early morning or late evening. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide. Repeat treatments as needed for additional control but not more than once every 7 days.

GENERAL DIRECTIONS FOR USE ON GOLF COURSE TURF ONLY

Apply Chlorpyrifos Pro 2.32% Granule uniformly to golf course turf using any hand or power operated type spreader designed for application of granules. Treat at the rate of 1.0 lb/1,000 sq. ft. (43 lbs. Chlorpyrifos Pro 2.32% Granule per acre) when surface insects first appear. Increase this rate as

indicated for control of certain soil insects under the SPECIFIC DIRECTIONS section of this label. For best efficacy, sprinkle the turf with water to move the granules into the zone of insect infestation. Repeat treatment as necessary. Observe the watering limitation described in (3) Sod Webworms in the SPECIFIC DIRECTIONS section of this label.

RATE TO USE FOR SURFACE INSECTS

For control of Ants (including Carpenter, Argentine and Foraging), Armyworms (Beet, Fall, Yellowstriped), Centipedes, Chinch Bugs, Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Sod Webworms (Lawn Moth), Sowbugs, Springtails, and Ticks (Brown Dog Tick) – use 1.0 lb./1,000 sq. ft.

FOR SOIL FEEDING INSECTS

Refer to the SPECIFIC DIRECTIONS section of this label (paragraphs (3), (4), and (5)) for rates to control the listed turf insects that feed below the soil surface. When using a spreader, calibrate with each application by accurately weighing a few pounds into the spreader and apply to a measured area. Adjust spreader setting in order to ensure the correct rate of application.

NOTE: The age, condition of spreader and operator speed can cause a wide variation of rates.

PERIMETER TREATMENT AROUND BUILDINGS AT INDUSTRIAL PLANT SITES (SUCH AS AROUND WAREHOUSES, FOOD PROCESSING AND FOOD MANUFACTURING SITES) – USE FOR CRAWLING INSECT CONTROL

Use Chlorpyrifos Pro 2.32% Granule to protect against insects entering indoors. Place a band of granules around the outside of the building to kill Ants (including Carpenter, Argentine and Foraging), Ticks (Brown Dog Tick), Crickets, Earwigs, Fleas, Millipedes, Roaches (Asian), Sowbugs, and Springtails before they attempt to enter. Use 0.5 lb. Chlorpyrifos Pro 2.32% Granule to treat 500 sq. ft. (as a band 5 ft. x 80 ft. long) around the structure. Apply when insects have become troublesome or before they cause problems in the spring or early fall. Repeat one month later and then as needed for control but not more than once every 7 days. Keep the public (especially children and pets) off treated areas until the granules are sprinkled in and the area is dry.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in a cool, dry locked place out of the reach of children.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Gro-Pro LLC or

Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Gro-Pro LLC and Seller harmless for any claims relating to such factors.

Gro-Pro LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Gro-Pro LLC, and Buyer and User assume the risk of any such use. GRO-PRO LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall Gro-Pro LLC or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF GRO-PRO LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF GRO-PRO LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Gro-Pro LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Gro-Pro LLC.