



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

72112-9

Date of Issuance:

7/10/06

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

PROKδZ 010

Name and Address of Registrant (include ZIP Code):

PROKOZ, Inc.  
c/o Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> Street NW  
Gig Harbor, WA 98332

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 section 3(c)(7)(A) provided that you:

- 1. Submit and or cite all data required for registration reregistration of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

*John Helbert*  
John Helbert, Product Manager (07)  
Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

7/10/06

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2. Make the following label changes before you release the product for shipment:
  - a. Revise the EPA Registration Number to read. "EPA Reg. No. 72112-9."
3. Submit one copy of the revised 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 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.

John Hebert  
Product Manager (07)  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

# PROKōZ 010

## Greenhouse and Nursery Insecticide

For systemic insect control on ornamental plants in greenhouses, nurseries and interior plantscapes.

**ACTIVE INGREDIENT:**

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine ..... 1.0%

**OTHER INGREDIENTS:** ..... 99.0%

**TOTAL:** ..... 100.0%

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
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	
No specific antidote is available. Treat the patient symptomatically.	

See inside label booklet for additional PRECAUTIONARY STATEMENTS

EPA Reg. No. 72112-

EPA Est. No.

Manufactured for:  
PROKōZ, Inc.  
100 North Point Center East, Suite 330  
Alpharetta, GA 30022

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:  
**JUL 10 2006**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
it is declared, for the pesticide  
registered under EPA Reg. No.  
72112-9

Net Weight:

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

Harmful if swallowed or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing.

**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, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS STATEMENTS:**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing 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 product is highly toxic to aquatic invertebrates. 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 disposing of equipment washwaters.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

**Exception:** If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

**GENERAL INFORMATION**

Use PROKδZ 010 for insect control on ornamental plants in nurseries and greenhouses. PROKδZ 010 is a systemic product and will be translocated upward within the plant. To assure optimum effectiveness, this product must be placed by incorporation where the roots of the plant can absorb the active ingredient. Irrigate moderately but thoroughly after application, allowing no leaching and runoff from container for at least three irrigations or 10 days, whichever is longer.

**Resistance:**

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. Consult your Cooperative Extension Service for resistance management strategies and recommended pest management practices for your area.

For resistance management purposes, a foliar application of any chloronicotinyl insecticide following a PROKδZ 010 soil application in the same crop is not recommended.

**Incorporation:**

Incorporate PROKδZ 010 by cultivation, irrigation, rainfall, mechanical placement, or by using mechanical soil or media mixing equipment.

**Woody Perennials:** Onset of protection is slower than in herbaceous species. A delay of 2 or more weeks should be expected. Longer delays may be expected with larger plants. Application should be made well in advance of expected insect activity.

**Bark Media:** Media with 30% or more bark content may confer a shorter period of protection when treated with PROKδZ 010.

**APPLICATION TO GRASSY AREAS IN NURSERIES**

PROKδZ 010 will control the following soil inhabiting pests of grassy areas of nurseries:

PEST	SCIENTIFIC NAME
Northern & Southern masked chafers	<i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i>
Asiatic garden beetle	<i>Maladera castanea</i>
European chafer	<i>Rhizotroqus majalis</i>
Green June beetle	<i>Cotinis nitida</i>
May or June beetle	<i>Phyllophaga</i> spp.

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PEST	SCIENTIFIC NAME
Japanese beetle	<i>Popillia japonica</i>
Oriental beetle	<i>Anomala orientalis</i>
Billbugs	<i>Spherophorus</i> spp.
Annual bluegrass weevil	<i>Hyperodes</i> spp.
Black turfgrass ataenius	<i>Ataenius spretulus</i> and <i>Aphodius</i> spp.
Mole crickets	<i>Scapteriscus</i> spp.

PROKōZ 010 will suppress cutworms and chinchbugs.

PROKōZ 010 can be applied on nursery grass in sites such as under or around field or container grown plants, on roadways or other grassy areas in or around nurseries. DO NOT use PROKōZ 010 on commercial sod farms.

PROKōZ 010 has adequate residual activity so that applications can be made preceding the egg laying activity of the target pests. High levels of control can be achieved when applications are made preceding or during the egg laying period however, best control is achieved when applications are made prior to egg hatch of the pests followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

Avoid application when infested grassy areas are waterlogged or soil beneath the grassy areas is saturated with water. These conditions prevent thorough and consistent distribution. Best results are achieved when rainfall or irrigation after application will penetrate vertically in the soil column carrying the active ingredient into the zone where insects are normally located.

Do not exceed a total of 40 lbs. of product (0.4 lb. of active ingredient) per acre per year.

**RECOMMENDED APPLICATIONS FOR USE**

For systemic insect control on greenhouse, interior plantscapes and nursery ornamentals grown in flats, benches, beds and containers.

Pest	Use Pattern	Dosage					Remarks
		Container size (inches)	Bulk Application		Topical Application		
			Pots/cu. yd. of mix	Bulk Rate Lbs/cu. yd.	Topical Rate Level teaspoon	Grams/pot	
Adelgids Aphids Armored Scale (suppression) Fungus gnats (larvae only) <sup>1</sup> Japanese beetles (adults) Lacebugs Leaf beetles (including Elm and Viburnum leaf beetles) Leafhoppers (including glassy-winged sharpshooter) Leafminers Mealybugs Psyllids Root Weevil Complex (such as Black Vine Weevil, Apopka Weevil, Citrus Root Weevil <sup>2</sup> ) Soft scale Thrips (suppression) <sup>3</sup> Whiteflies White Grub larvae (such as Japanese Beetle, Chafers, European Chafer, Oriental Beetle, Asiatic Garden Beetle)	Herbaceous Species (one or two plants per pot)	2.0 to 3.0	4500 to 3200	7.0 to 3.5	1/8 to 1/4	0.5 to 1.0	<b>Bulk Rate Application:</b> Mix the required amount of PROKδZ 010 per cubic yard of medium. Mix thoroughly before filling pots and transplanting.  <b>Topical Application:</b> May be made at transplanting, repotting, or on established containerized plants. Irrigate moderately after application to move the active ingredient into the root zone. Do not allow significant leaching and runoff for at least 3 irrigations or 10 days, whichever is longer.
		3.5 to 5.0	1600 to 1300	3.9 to 3.0	1/4 to 1/3	1.0 to 1.4	
		5.5 to 7.0	900 to 400	1.8 to 1.2	1/3 to 1/2	1.4 to 2.0	
		8.0 to 10.0	200 to 160	1.0 to 0.8	1/2 to 2/3	2.0 to 2.7	
	11.0 to 12.0	80 to 60	0.8 to 0.5	2/3 to 1	2.7 to 4.1		
	Woody Perennial Species	2.0 to 3.0	4500 to 3200	9.0 to 7.0	1/4 to 1/3	1 to 1.3	
		3.5 to 5.0	1600 to 1300	6.0 to 4.0	1/3 to 1/2	1.3 to 2.0	
		5.5 to 7.0	900 to 400	2.5 to 2.0	1/2 to 2/3	2.0 to 2.7	
		8.0 to 10.0	200 to 160	1.5 to 1.0	2/3 to 1	2.7 to 4.1	
	11.0 to 12.0	80 to 60	1.0 to 0.8	to 1 1/2	4.1 to 6.1		
Herbaceous Species (Three or more plants per pot)	Use the above Woody Perennial Species rates						
	Apply 15 ounces per 1000 sq. ft.						
Ornamental plants grown in flats, benches, or beds	Apply 15 ounces per 1000 sq. ft.						
	Apply 15 ounces per 1000 sq. ft.						
	Apply 15 ounces per 1000 sq. ft.						
	Apply 15 ounces per 1000 sq. ft.						
Containerized plants	1 Gallon	260 to 230	5.0 to 2.5	1 1/4 to 2 1/2	5 to 10	For optimum control, make applications prior to egg hatch of the target pest. Irrigate moderately after application to move the active ingredient into the root zone.	
	2 Gallon	125 to 100	4.4 to 2.2	2 1/2 to 5.0	10 to 20		
	3 Gallon	70 to 60	3.3 to 1.7	3 2/3 to 7 1/3	15 to 30		
	5 Gallon	50 to 30	2.0 to 1.0	4 1/2 to 9.0	18.5 to 37		
1 level tsp. of PROKδZ 010 = 4.1 grams    3 teaspoons = 1 tablespoon							
<sup>1</sup> Fungus gnat larvae in the soil will be controlled by incorporation. PROKδZ 010 will not control adult Fungus Gnats. Other foliar insect control is achieved by the uptake of PROKδZ 010 from a healthy root system translocating the active ingredient up into the plant.							
<sup>2</sup> Citrus Root Weevil: For use on non-bearing citrus nursery stock.							
<sup>3</sup> Thrips suppression on foliage only. Thrips in buds and flowers will not be suppressed.							

RECOMMENDED APPLICATIONS FOR USE			
For use only on nursery ornamentals.			
PEST	USE PATTERN	DOSAGE	REMARKS
White grub larvae (such as Japanese beetle, Masked Chafers, European Chafer, Oriental beetle, Asiatic Garden beetle)	Field and Forest Nurseries	Apply as a uniform band on either side of row using a band six (6) inches wider than the actual root ball diameter to be dug. Do not allow bands in adjacent rows to overlap. Use 45 oz. per 1000 ft. of row or 3000 sq. ft. For grub control in turf areas, apply as a broadcast application using 45 oz. per 3000 sq. ft.	Vegetation in the area to be treated should be mowed to a height of 3 inches or less prior to application. Mowing to the lowest possible height will ensure greater consistency of control. Apply May through July. For optimum control, treatment should be followed by rainfall or irrigation.

**RESTRICTIONS**

- Do not graze treated areas or use clippings from treated areas for feed or forage.
- Do not apply to soils which are water-logged or saturated, which will not allow the penetration of the insecticide into the root zone of the plants.
- Do not over-irrigate or allow excessive runoff to occur following an application of PROKδZ 010.
- For outdoor ornamentals grown in beds or turf, applications of PROKδZ 010 cannot exceed a total of 40 lbs. (0.4 lb. of active ingredient) per acre per year.
- On plants with a production cycle of less than one year, application is not to exceed a frequency of more than once each 16 weeks for a particular plant. On stock plants and woody crops with a production cycle of greater than one year, application may not exceed once a year.
- **Food Crops:** Treated areas may be replanted with any crop specified on an imidacloprid label, or with any crop for which a tolerance exists for the active ingredient.
- For crops not listed on an imidacloprid label, or for crops for which no tolerances for the active ingredient have been established, a 12-month plant-back interval should be observed.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. You may contact Chemtrec at 800-424-9300 for decontamination procedures or any other assistance that may be necessary.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

**[Metal Drum]:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

**[Plastic Container]:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning.



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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 PROKÖZ, INC. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold PROKÖZ, INC. and Seller harmless for any claims relating to such factors.

PROKÖZ, INC. 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 PROKÖZ, INC., and Buyer and User assume the risk of any such use. PROKÖZ, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent permitted by law, neither PROKÖZ, INC. nor Seller shall 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 PROKÖZ, INC. 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 PROKÖZ, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

PROKÖZ, INC. 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 PROKÖZ, INC.