



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

EPA Reg. Number:  
 53883-256

Date of Issuance:  
 MAR 17 2009

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

IMI .22G RTS Granules Ready-to-Spread

Name and Address of Registrant (include ZIP Code):

Biologic Inc.  
 c/o Control Solutions  
 115 Obtuse Hill  
 Brookfield, Connecticut 06804

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.
2. Make the following label changes before you release the product for shipment: Revise the EPA Registration Number to read, "EPA Reg. No. 53883-256."

Signature of Approving Official:

Venus Eagle, Product Manager  
 Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

MAR 17 2009

3. Storage stability (830.6317) and corrosion characteristics (830.6320) data must be submitted within 18 months from the date of this registration notice.

4. 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.

Venus Eagle  
Product Manager  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

Optional Marketing Statements bracketed [ ]

ACCEPTED  
With COMMENTS  
In EPA Letter Dated:

MAR 17 2009

Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg. No:

53883-256

**IMI 0.22G RTS GRANULES**  
**Ready-To-Spread**For use on Lawns, Ground Covers, Flower Beds, and Around the Base of Ornamental Trees & Shrubs.  
Kills Grubs, European Crane Fly Larvae, Mole Crickets and other listed insects.

[Treats up to 5,000 sq. ft.]

[Treats up to 3,775 square feet for Mole Crickets]

[One application kills grubs [including] [larvae of] [Asiatic Garden Beetle], [Black Turfgrass Ataenius],  
[Chafers], [Japanese Beetle], [May or June Beetle], [and] [Oriental Beetle] all season long.]

[Apply anytime spring through late summer.]

[Apply anytime from May through mid-August]

[One application kills [White] [Grubs] [and] [European Crane Fly Larvae] all season long.]

[Kills [White] [Grubs] [and] [European Crane Fly Larvae] before they damage lawns.]

[Easy-to-Use Granules]

[Kills Grubs Now, Prevents Them All Season Long!]

[Grub life cycle and graphics] (see last page for graphics)

Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties, New York.

**ACTIVE INGREDIENT:**

Imidacloprid (CAS# 138261-41-3)..... 0.22%

**INERT INGREDIENTS:** ..... 99.78%**TOTAL:** 100.00%**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See [back panel] [booklet] for additional precautionary statements.

EPA Reg. No. 53883-XXX

EPA Est. No. XXXX-XX-XX

Net Contents: \_\_\_4 lb. \_\_\_10 lb. \_\_\_25 lb.

**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. Wash thoroughly with soap and water after handling.

<b>FIRST AID</b>	
Have product container or label with you when calling a poison control center or doctor, or going for treatment.	
If swallowed:	<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>
If on skin or clothing:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes:	<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>
You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	

### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Do not apply within 25 feet of fish pools, ponds, streams or lakes. Do not use in vegetable gardens.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### RESTRICTIONS:

- Do not apply more 4.1 lb per 1,000 sq ft or 182 lb per acre per year (0.4 lb of active ingredient per acre per year).
- Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties, New York.
- Not for use on plants being grown for sale or other commercial uses.

**IMI 0.22G RTS GRANULES is for use on lawns, ground covers, flowers beds, and around the base of ornamental trees and shrubs to control White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle), Mole Crickets, European Crane Fly Larvae and other listed pests.**

### LAWNS

(Not for use on sod farms)

Pests Controlled	When to Apply	Indication of Damage
Grubs	Apply once anytime from May through mid-August.	White grubs cause widespread damage to lawns by feeding on grass roots, causing it to turn yellow, then brown and die.
European crane fly larvae	Apply once, when these insects are present in large numbers; late summer to mid-fall.	European crane fly larvae cause damage by feeding on grass roots and disturbing the soil surface.
Mole Crickets	Apply once anytime from mid-May through mid-June. Florida residents-Apply once anytime between early April through early May.	Mole crickets cause widespread damage by tunneling through the soil, while some species also feed on roots. Tunneling through the soil uproots the grass causing it to dry out, become thin and weedy, turn yellow and eventually die.

#### How to Apply

See **Spreader Settings** chart below. Adjust spreader to the appropriate setting. Make sure that the spreader works properly and spreads granules uniformly. Apply to the border and then fill in the center to ensure the entire area is covered completely. To make sure that the product is evenly distributed, walk at a steady pace making parallel passes. Water thoroughly after application.

#### For best results:

- Apply early before grubs, mole crickets and European crane fly larvae hatch. Contact your County Extension Agent for the best dates to apply in your area.
- Irrigate thoroughly within 24 hours of application to move the granules into the soil.
- Avoid mowing until granules are watered into the soil.
- **IMI 0.22G RTS GRANULES** can be applied over soil or mulch. Remove black plastic or other weed barrier material prior to application.

#### RESTRICTIONS:

- Do not apply more 4.1 lb per 1,000 sq ft or 182 lb per acre per year (0.4 lb of active ingredient per acre per year).
- Do not apply to soils which are waterlogged or saturated. This may decrease product effectiveness.
- Keep children and pets off treated area until it has dried.

**How Much To Apply****Spreader Settings\***

Rate for Grubs and European Crane Fly Larvae: 2.87 lbs. per 1,000 square feet.

Rate for Mole Crickets: 3.8 lbs. per 1,000 square feet.

Broadcast Spreaders Model	2.87 lb. rate**	3.8 lb. rate***	Distance Between Passes (ft.)
	Setting	Setting	
Cyclone Rotary			
Earthway Rotary			
EV-N Speed			
K-Gro Rotary			
Ortho Rotary			
Precision Rotary (#SB50)	Spreader settings available at printing		
Red Devil Rotary			
Republic EZ Rotary (#540)			
Scotts Easygreen (#EG-3)			
Scotts Speedygreen 1000			
Scotts Speedygreen 2000			
Scotts Speedygreen 3000			
Sears Rotary			
True Temper Rotary			
Vigoro Rotary			
Drop Spreaders Model	2.87 lb. rate	3.8 lb. rate	Distance Between Passes (ft.)
	Setting	Setting	
Amzs Drop			
K-Gro Drop			
Ortho Drop			
Precision Drop (#FH22G)			
Red Devil Drop	Spreader settings available at printing		
Republic EZ Drop (#530)			
Scotts Accugreen 1000			
Scotts Accugreen 2000			
Scotts Accugreen 3000			
Scotts Drop (#PF1, PF2, PF3, PF4)			
Sears Drop			
Sta-Green Drop			
Vigoro Drop			
*Spreader settings are approximate. The condition of your spreader, the speed that you walk, and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's instructions. TIP: 1,000 sq. ft. = 20 ft. x 50 ft.			

**ROSES, FLOWER BEDS, GROUND COVERS, ORNAMENTAL TREES AND SHRUBS****Insects Controlled**

Adelgids  
Aphids  
Armored Scales (suppression)  
Fungus Gnat Larvae  
Japanese Beetle Adults  
Lace bugs  
Leaf Beetles [including Elm Leaf, Viburnum Leaf,  
and Lily Leaf Beetles]  
Leafhoppers (including Glassy-winged  
Sharpshooter)  
Leafminers (including Birch and Boxwood  
Leafminers)

Mealybugs  
Pine Tip Moth Larvae  
Plant bugs  
Psyllids  
Root Weevil Larvae (including black vine weevils)  
Sawfly Larvae  
Soft Scales (Including lobate lac scales)  
Thrips  
Whiteflies  
White Grub larvae (such as Japanese Beetles,  
Chafers, European Chafer, Oriental Beetle, Asiatic  
Garden Beetle)

## **ROSES, FLOWER BEDS, AND GROUND COVER**

Apply **IMI 0.22G RTS Granules** using the rates specified below. Applications may be made at planting. When using on established plants, apply before pest problems occur or immediately when first seen. Apply every 8 weeks during the growing season.

### **RESTRICTIONS:**

- Do not apply more 4.1 lb per 1,000 sq ft or 182 lb per acre per year (0.4 lb of active ingredient per acre per year).
- Do not apply to soils which are waterlogged or saturated. This may decrease product effectiveness.

### **ROSES** (2 lbs. treats up to 16 medium-size roses)

#### **HOW TO APPLY**

Apply evenly around each plant, cultivate lightly and water thoroughly after application.

#### **HOW MUCH TO APPLY**

¼ cup per plant

## **FLOWER BEDS AND GROUND COVERS**

#### **HOW TO APPLY**

Evenly spread granules to the soil over flower beds, ground cover plantings, and shrub beds. For best results use a hand-held spreader

#### **HOW MUCH TO APPLY**

¼ cup per 50 sq. ft. (5" x 10" bed area)

*[Optional Use Directions for measuring cap:*

#### **How Much To Apply**

*Fill measuring cap to top of inner circle (2 oz.). Four rounded tablespoons equals 2 oz.*

*For Roses: 1 capful (2oz.) per plant*

*For Flower Beds and Ground Cover: 1 capful (2 oz.) per 50 sq. ft. (5' x 10' bed area)]*

## **ORNAMENTAL SHRUBS AND TREES**

**IMI 0.22G RTS Granules** provides protection against damaging insects all season long. When **IMI 0.22G RTS Granules** is dissolved with water, the insecticide moves down through the soil and into the roots where it is absorbed. Once in the plant, it moves up through the tree or shrub providing year-long insect protection. For best results, the insecticide must distribute completely through the tree or shrub. This may take one week to three months depending on the size and health of the plant.

### **NOTE:**

- During extended dry periods, saturate the soil around the tree or shrub the night before application.
- Before application, pull back any mulch or weed barrier around the tree or shrub to be treated.

### **RESTRICTIONS:**

- Do not make more than one application per year.
- Do not apply to soils which are waterlogged or saturated.
- Do not apply more 4.1 lb per 1,000 sq ft or 182 lb per acre per year (0.4 lb of active ingredient per acre per year).

### **SHRUBS**

#### **How to Apply**

For shrubs less than 3 feet tall, apply the required amount of product evenly in a circle 1 foot from the base of the shrub. For shrubs greater than 3 feet tall, evenly apply granules in a circle 2 feet from the base of the shrub. Rake granules into the soil around plants. Water in granules immediately after application. Allow enough water to not only dissolve the granules, but wet the soil to 3-4 inch depth.

**How Much To Apply**

Measure the height of the shrub to the nearest foot. For each foot of height apply ½ cup of **IMI 0.22G RTS Granules** evenly around the shrub base.

*[Optional Use Directions for measuring cap:*

**How Much To Apply**

*Fill measuring cap to top of inner circle (2 oz.). Four rounded tablespoons equals 2 oz.*

*For Shrubs: 2 capfuls (4oz.) per foot of plant height]*

**ORNAMENTAL TREES****How to Apply**

For trees with distance around trunk less than 30 inches, apply the required amount of product evenly in a circle 2 feet from the tree trunk. Trees with distance around trunk greater than 30 inches, apply the product evenly in a circle 3-4 feet from the tree trunk.

Water in granules immediately after application. Allow enough water to not only dissolve the granules, but wet the soil to 3-4 inch depth. Before application, pull back any mulch or weed barrier around the tree to be treated.

**How Much To Apply**

Measure the distance in inches around the tree trunk at approximately 4.5 feet from ground level. For each inch of distance around the trunk, apply 1 1/4 cup of **IMI 0.22G RTS Granules** around the tree trunk.

*Example:* For a tree measuring 5 inches around, apply 6 1/4 cups (5 X 1 1/4 cups).

**Trees with 2 or more Trunks:** Measure the distance in inches around the tree trunk at approximately 4.5 feet from ground level, add together, and multiply by 0.75. This measurement times 1 ¼ cup is the amount of product to apply around the tree trunk.

*Example:* A tree has 3 trunks. They measure 5, 3, and 3 inches or a total of 11 inches.  
 $11 \times 0.75 = 8.25 \times 1 \frac{1}{4} \text{ cups} = 10 \frac{1}{3} \text{ cups}$

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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:** Non-refillable container. Do not reuse or refill this container.

**If empty:** Offer for recycling, if available. Do not rinse unless required for recycling. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never pour unused product down any indoor or outdoor drain.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product.

If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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[Grub life cycle and graphics] (optional marketing language)

