

100-1240

03/14/2006

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

EPA Reg. Number:

100-1240

Date of Issuance:

03/14/06

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Demand G Insecticide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection, Inc.  
P. O. Box 18300  
Greensboro, NC 27419

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 labeling changes before you release the product for shipment:
  - a. Revise the EPA Registration Number to read: "EPA Registration No. 100-1240"

Signature of Approving Official:

George LaRocca  
Product Manager (RM 13)  
Insecticide Branch  
Registration Division (7505C)

Date:

March 14, 2006

- b. Under First Aid Statements: You may delete the ***“If on skin or clothing, If swallowed, and If inhaled”*** statements - Not required for category IV acute toxicity.
  - c. Under Conditions of Sale and Limitation of Warranty and Liability, revise the statement “It is Syngenta’s and Seller’s intention ***that in no event shall*** Syngenta or the Seller be liable for any incidental . . .” to read “ It is Syngenta's and Seller's intention ***that to the extent allowable under State law***, Syngenta or the Seller shall not be liable for any incidental ....”
3. Submit to the Agency, data on one year storage stability testing (830.6317), and corrosion characteristics study (830-6320) at 0, 3, 6, 9 and 12 months of warehouse storage.
  4. Submit two (2) copies of the revised final printed label bearing the above stated revisions prior to releasing this product for sale.

If you fail to comply with the above stated conditions, this registration will be subjected 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 stamped label is enclosed for your records. If you have any questions concerning this action, please contact Dr. B. A. Akinlosotu at (703) 605-0653.

Enclosure

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAR 14 2006

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
109-1240

Demand® G Insecticide

Granular

For use around buildings and structures for the control of listed pests, including on lawns, around ornamental trees and shrubs around residential, institutional, public, commercial, agricultural and industrial buildings; and parks, recreational areas and athletic fields.

Active Ingredient:

Lambda-cyhalothrin<sup>1</sup>

[1α(S\*),3α(Z)]-(±)-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate..... 0.045% ✓

Other Ingredients:..... 99.955% ✓

Total:..... 100.000%

<sup>1</sup>Synthetic pyrethroid, granule

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION/PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**See additional precautionary statements and directions for use in booklet.**

EPA Reg. No. 100-XXXX  
EPA Est. XXXX

Product of XXXX  
Formulated in the USA

SCP XXXXX-M(draft-b)

Net Contents

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<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 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 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 15-20 minutes.</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 the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b>	
For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident), Call <b>1-800-888-8372</b>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**Environmental Hazards**

This product is extremely toxic to fish and 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 apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**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.

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

**IT IS SYNGENTA'S AND SELLER'S INTENTION THAT in no event shall SYNGENTA 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 SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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

## DIRECTIONS FOR USE

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

✓ Keep children and pets off treated areas until product has been watered in and lawn is dry.

**IMPORTANT:** Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, outdoor ornamental gardens or parks, or on lawns or grounds.

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### GENERAL INFORMATION: LAWN AND PERIMETER PEST CONTROL

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Demand G Insecticide may be used for applications to maintain interior plantscapes or outdoor areas where turf and ornamental ground covers are grown such as residential landscaped areas and non-residential landscapes around institutional, public, commercial and industrial buildings, parks, recreational areas, and athletic fields. Broadcast Demand G Insecticide with suitable application equipment to ensure uniform coverage over the treatment area. The application rates listed in the **Lawn and Perimeter Use Rate** table will provide excellent control of the respective pests under typical conditions. Use higher use rate for longer length of control. Watering (irrigation or rainfall) following application will dissolve the granules and release the insecticide. Make no more than 6 general applications per year. More frequent treatments should be limited to spot treatments.

**Lawn and Perimeter Use Rate**

	<b>Pests</b>	<b>A.I. lb per acre</b>	<b>Demand G Rate Per 1000 ft<sup>2</sup></b>	<b>Demand G Rate Per Acre</b>
<b>Band Treatment Around Foundation</b>	Ants Beetles Crickets Earwigs Firebrats Millipedes Mites Silverfish Sowbugs	0.04-0.06	2 – 3 lbs.	88 – 131 lbs.
<b>Overall Lawn Application</b>	Ants Armyworms Centipedes Crickets Cutworms Earwigs Grasshoppers Green June Beetles Japanese Beetle (adult) Leafhoppers Millipedes Mites Pillbugs Sod webworms Spider Mites (Twospotted, Spruce) Spittlebugs Springtails	0.04 – 0.06	2 – 3 lbs.	88 – 131 lbs.
<b>Overall Lawn Application</b>	Billbugs Chinch bugs Dung beetles* Green June beetle grubs* Hyperodes weevils Japanese beetle grubs* Mole crickets	0.06 -0.078	3 -4 lbs.	131 – 176 lbs.
<b>Spot Treatment</b>	Ants		Apply 1.5 teaspoons around each anthill.	

\* suppression only

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## **SPECIFIC USE DIRECTIONS**

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### **Band Treatment around Foundation**

For control of ants, beetles, crickets, earwigs, firebrats, millipedes, mites, silverfish and sowbugs as commonly found around or near foundation of structures as well as in yards. Certain of these pests may enter houses. Applying a continual band of insecticide around a building foundation can greatly reduce the potential for entry by crawling pests. For optimal control, remove debris and leaf litter from next to the foundation, cut back vegetation and branches that touch the foundation, and move or rake back rocks, deep mulch, or other potential pest harborage next to the foundation prior to application. Apply a 3 to 5 foot band of granules next to the structure foundation. Apply at the rate of 2 to 3 lbs. per 1000 square feet. Distribute granules uniformly. For optimal control, water lightly to dissolve granules.

### **General Lawn Application**

For control of ants, armyworms, centipedes, crickets, cutworms, earwigs, grasshoppers, green June beetles, Japanese beetles (adult), leafhoppers, millipedes, mites, pillbugs, sod webworms, spider mites, spittlebugs and springtails. Apply at the rate of 2 to 3 lbs. per 1000 square feet with a fertilizer spreader when grass is dry. For best results, water lawn lightly to dissolve granules.

For control or suppression of billbugs, chinch bugs, dung beetles, green June beetle grubs, *Hyperodes* weevils, Japanese beetle grubs and mole crickets, and, immediately water grass thoroughly after application. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. For grub suppression, except dung beetle, treat any time between late July and early October. For dung beetle grub suppression, apply in spring or early summer when damage is first noticed. For best results, water grass thoroughly with  $\frac{1}{4}$  to  $\frac{1}{2}$  inch of water as soon as possible following application. Treat again in late summer or early fall if a second generation occurs.

For chinch bugs, use higher rates during summer when both nymphs and adults may be present. For mole crickets, make applications for adults during early spring when grass areas may be subject to continuous invasion. For best results, apply as late in the day as possible and water in with up to 0.5 inches of water as soon as possible following treatment. When the soil is not moist, irrigation before application will bring mole crickets closer to the surface to enhance contact with the granule. Applications at the time of peak egg hatch will increase control of early nymphal stages that are more susceptible to insecticides. As nymphs mature, higher rates may be necessary.



### Spot Treatment for Ants

For general ant control, apply 1 ½ teaspoons over and around each ant hill. Lightly water to dissolve granules. Apply water gently to avoid disturbing ants, first breaking any soil crust if necessary to ensure water penetrates the nest. Use of high pressure watering equipment may disturb the ants and cause migration reducing product effectiveness. **NOTE:** For best results, apply in cool weather, 60° to 80° F or in early morning or late evening hours. Treat near mounds as they appear. Difficult or extensive ant infestations will benefit from a combination of broadcast treatments and spot applications. If soil is not moist, irrigate before application to bring ants closer to the surface to enhance control with Demand G Insecticide granules.

Do not apply this product to edible growing crops or stored raw agricultural commodities used for food or feed.

Do not allow applications to contact water inhabited by fish, such as in ornamental fish ponds that are located around structures being treated.

Do not apply this product by aerial application.

Use of this pesticide adjacent to water may affect aquatic organisms. To protect these organisms, do not apply this pesticide within 25 ft. of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.

In the state of New York, do not apply within 100 ft. of coastal marshes or streams that drain into coastal marshes.

Observe all restrictions and precautions which appear on the labels of these products.

Do not apply more than 0.36 lbs. of the a.i. (800 pounds of Demand G Insecticide)/A per year.

Good coverage is necessary to provide the most effective level of control.

Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area.

Application to turf should be started prior to the establishment of high insect pest populations and significant turf damage. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases.

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**STORAGE AND DISPOSAL**

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**Prohibitions**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**Pesticide Storage**

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Reclose container tightly after each use.

**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**

Paper and plastic bags: Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by other procedures allowed by state and local authorities.

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For non-emergency (e.g. current product information) call  
Syngenta Crop Protection at 1-800-334-9481.

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[www.syngenta-us.com](http://www.syngenta-us.com)

SCP xxxxx-M(draft-b)