

352-741

6-17-2008

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

EPA Reg. Number:  
352-741

Date of Issuance:  
JUN 17 2008

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

DuPont E2Y45 0.16G Lawn and Garden Insecticide

Name and Address of Registrant (include ZIP Code):

DuPont Crop Protection  
Stine-Haskell Research Center  
P.O. Box 30  
Newark, DE 19714-0030

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/registration review 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:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 352-741".
3. The data requirements for storage stability (830-6317) and corrosion characteristics (830-6320) have not been satisfied, and must be submitted within eighteen months of the date of this letter.

Signature of Approving Official:

Venus Eagle, Product Manager (01)  
Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

JUN 17 2008

# DuPont™ E2Y45 0.16G

LAWN AND GARDEN INSECTICIDE

## Professional Products

(The following label claims are optional)

- Use anytime...spring through [late] summer
- For residential use on lawns and landscaped areas
- Kills white grubs early, before they damage your lawn
- Apply before insects hatch to prevent turf damage
- One application controls grubs all season long
- One application stops grubs all season long
- For use on lawns, ground covers, flower beds and around trees and shrubs
- Defends against grubs
- Helps turf recover from grub damage

<i>Active Ingredient</i>	<i>By Weight</i>
Chlorantraniliprole*	0.16%
<i>Other Ingredients</i>	99.84%
TOTAL	100.00%

EPA Reg. No. 352-XXX  
 EPA Est. No. \_\_\_\_\_  
 NET CONTENTS: \_\_\_\_\_  
 E. I. DuPont de Nemours and Company  
 1007 Market Street  
 Wilmington, DE 19898

[\*Chlorantraniliprole belongs to the anthranilic diamide chemical class. Protected by U.S. Patent No. XX]

### KEEP OUT OF REACH OF CHILDREN

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.)

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

- When used as directed this product does not present a hazard to humans or domestic animals
- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove and wash contaminated clothing before reuse.

### FIRST AID

- Call a poison control center or doctor for treatment advice.
- Have the container or label with you when calling a poison center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.
- To Physician: No specific antidote is available. Treat patient symptomatically.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites.

ACCEPTED  
 With COMMENTS  
 In EPA Letter Dated:  
 JUN 17 2008

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

352-741

[No SIGNAL WORD is required for this product.]



The miracles of science™

Surface Water Advisory:

This product may contaminate water through runoff. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water table are more prone to produce runoff that contains this product. Avoid applying this product to ditches, swales and drainage ways. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Ground Water Advisory:

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

**WHAT E2Y45 0.16G LAWN AND GARDEN INSECTICIDE DOES**

White grubs can cause extensive damage to turf by feeding on grass roots. Infested turf turns brown and is easily pulled up by hand. E2Y45 0.16G prevents turf damage by killing grubs when they are young and before they can cause damage to your turf.

E2Y45 0.16G works best to provide season long control (in a normal calendar year) when applied before grubs hatch. The active ingredient in E2Y45 0.16G will remain in the root zone of the turf until the grub eggs hatch. Young, newly-hatched grubs are very susceptible to E2Y45 0.16G and are killed before they become large enough to cause turf damage. E2Y45 0.16G also kills grubs in landscaped ornamental areas that contain flowers, groundcovers, shrubs and trees.

If you have questions about the best time to make an application in your area, you may consult with your local Cooperative Extension Service office. Be sure to describe the product you are using when seeking advice.

**HOW TO APPLY E2Y45 0.16G LAWN AND GARDEN INSECTICIDE**

**DIRECTIONS FOR USE**

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

[READ ALL DIRECTIONS FOR USE AND CONDITIONS OF SALE BEFORE USING THIS PRODUCT]

**APPLICATIONS OF E2Y45 0.16G INSECTICIDE TO LAWNS**

Pests Controlled	White grubs (including larvae of Japanese beetle, oriental beetle, masked chafers, European chafer, Asiatic garden beetle, green June beetle, May and June beetles, black turfgrass ataenius and Aphodius spp.). [[Additional] [Other] pests controlled include billbugs, annual bluegrass weevil, crane flies, spittlebugs, armyworms, cutworms and sod webworms.]
When to Apply	<ul style="list-style-type: none"> <li>• One application of E2Y45 0.16G should be made anytime between the beginning of April and the end of August.</li> <li>• DO NOT apply E2Y45 0.16G when turf areas are waterlogged. The product may not work effectively when the turf is in this condition.</li> </ul>
How to Apply	<ul style="list-style-type: none"> <li>• Use either a drop-type or rotary-type spreader to uniformly apply E2Y45 0.16G over the area being treated.</li> <li>• Calibrate your spreader according to the spreader manufacturer's directions to ensure that the proper amount of E2Y45 0.16G is applied.</li> <li>• Check the spreader frequently to be sure that it is working properly and spreading the granules evenly.</li> </ul>
How Much to Apply	<ul style="list-style-type: none"> <li>• Apply 2.87 pounds of E2Y45 0.16G per 1,000 square feet.</li> <li>• One [x pound] bag will treat [5,000, 10,000, 15,000 or XXXX] square feet.</li> <li>• Refer to the spreader setting Table below as a guide for applying the proper amount of E2Y45 0.16G.</li> <li>• The amount applied may vary depending on the speed of application and the condition of the spreader.</li> <li>• For best results, walk at a normal, steady pace when applying to obtain even distribution.</li> </ul>
After Application	<ul style="list-style-type: none"> <li>• E2Y45 0.16G will work best if the lawn is watered thoroughly or if rainfall occurs within 24 hours after application because water will move the active ingredient through the thatch layer and down into the soil where grubs develop.</li> <li>• Avoid mowing the lawn until after watering or rainfall has occurred so that the uniformity of the granules is not disturbed.</li> </ul>

[ROTARY/DROP SPREADERS AND SPREADER SETTING TABLE TO BE INSERTED BELOW]

[DROP SPREADERS] [SPREADER SETTINGS]

[ROTARY SPREADERS] [SPREADER SETTINGS]

**APPLICATIONS OF E2Y45 0.16G INSECTICIDE TO LANDSCAPE ORNAMENTAL PLANTINGS**

Pests Controlled	White grubs (including larvae of Japanese beetle, oriental beetle, masked chafers, European chafer, Asiatic garden beetle, green June beetle, May and June beetles, black turfgrass ataenius and Aphodius spp.).
When to Apply	<ul style="list-style-type: none"> <li>• One application of E2Y45 0.16G should be made anytime between the beginning of April and the end of August.</li> <li>• DO NOT apply E2Y45 0.16G to waterlogged areas. The product may not work effectively under this condition.</li> </ul>
How to Apply	<ul style="list-style-type: none"> <li>• Apply as a broadcast treatment to soil, mulch or other substrate.</li> <li>• Prior to application, black plastic should be removed from the area being treated to allow E2Y45 0.16G to contact the soil.</li> <li>• Permeable weed barriers need not be removed prior to application.</li> </ul>
How Much to Apply	<ul style="list-style-type: none"> <li>• Apply 2.87 pounds of E2Y45 0.16G per 1,000 square feet.</li> </ul>
After Application	<ul style="list-style-type: none"> <li>• E2Y45 0.16G will work best if it is worked into the soil around plants or if a thorough watering or rainfall occurs within 24 hours after application because water will move the active ingredient through the mulch and down into the soil where grubs develop.</li> </ul>

**NOTE:**

- DO NOT apply to vegetable gardens.
- May be applied under ornamental fruit or nut trees in landscaped areas not being grown for consumption.

<b>STORAGE AND DISPOSAL</b>	
Do not contaminate water, food, or feed by storage or disposal.	
Storage Conditions:	Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.
Disposal: If empty,	Nonrefillable. Do not reuse or refill this container. Place in trash or offer for recycling if available.
If partially filled:	Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

[Optional return guarantee]

[(XX Company) Guarantee]

[If for any reason you are not satisfied with results after using this product., mail us proof of purchase to obtain a full refund of your purchase price.]

[IMPORTANT: READ BEFORE USE]

[Read the entire Directions for Use, Conditions, Limitation of Warranty and 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.]

NOTICE TO BUYER—Purchase of this material does not confer any rights under patents of countries outside of the United States.

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[Optional label language]

**LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read This 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.

It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont or Seller. These risks can cause: ineffectiveness of the product or other unintended consequences. **WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.**

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, DUPONT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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To the extent consistent with applicable law that allows such requirement, DuPont or its distributor must have prompt notice of any claim so that an immediate investigation of buyer's or user's claim can be made. Buyer and all users shall promptly notify DuPont or a DuPont distributor of any claims, whether based on contract, negligence, strict liability, other tort or otherwise or be barred from any remedy.

This Limitation of Warranty and Liability may not be amended by any oral or written agreement.