

88279-1

08/03/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7511P)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number: 88279-1

Date of Issuance: AUG 03 2011

Term of Issuance: UNCONDITIONAL

Name of Pesticide Product: Dismate PE

NOTICE OF PESTICIDE:

[X] Registration [ ] Re-registration (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Russell IPM, Ltd.
c/o Robert I. Rose
8322 Sharon Drive
Frederick, MD 21704

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 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 unconditionally registered in accordance with FIFRA Sec. 3(c) provided you:

- 1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the following label change before you release the product for shipment: Revise the EPA Registration Number to read, "EPA Reg. No. 88279-1".
3. Submit three (3) copies of the revised final printed labeling 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.

Signature of Approving Official:

W. Michael McDavit

Date:

AUG 03 2011

CONCURRENCES

Table with columns for SYMBOL, SURNAME, DATE, and three 7511P entries with handwritten signatures and dates.

**ACCEPTED**  
AUG 03 2011

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 88279-1

# Dismate PE™

## Mating Disruption of Stored Product Pyralid Moth Pests

**ACTIVE INGREDIENT:**  
Stored Product Pyralid Moth Insect Pheromone ( ZETA, TDA)  
Z-9, E-12-Tetradecadien-1-yl acetate .....6.7%  
**OTHER INGREDIENTS:**.....93.3%  
**TOTAL:**.....100.0%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

Net Contents: \_\_\_\_\_ Lbs \_\_\_\_\_ Kg  
Batch Number: \_\_\_\_\_

EPA Reg. No. 88279-  
EPA Est. No.

Russell IPM, Ltd.  
Unit 68, Third Avenue  
Deeside Industrial Park,  
Flintshire, CH5 2LA  
United Kingdom

Tel: 011-44-1244- 281-261  
Fax: 011-44-1244-281-878  
E-mail: info@russellipm.com



FIRST AID STATEMENT	
<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 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> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call 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 poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOTLINE NUMBER</b>	
Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a> ).	

See side/back panel for additional precautionary statements.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION.** Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** For terrestrial uses: 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 or rinsate.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before use. For any requirement specific to your State and Tribe, consult the State/Tribe agency responsible for pesticide regulation.

**Dismate PE™** is a slow-release straight-chain Lepidoptera pheromone product intended to control certain Lepidoptera moth stored-grain pests by confusing the male search for females, thus preventing mating. When used with Russell IPM Ltd. **XLure™ R.T.U.** pheromone monitoring traps, it is part of integrated pest management that may also employ judicious use of other pesticides when infestation levels are too high for pheromones alone.

**1. Commodities:** All stored grains and processed foods and animal or pet food and feed kept in storage including, but not limited to candies, baked goods, cereals, pet food, livestock feed, bird seed, dried fruit, herbs, spices, popcorn, rice, flour, beans, peas, and other whole and processed grains and their by-products.

**2. Facilities:** Use in storage and processing areas of commercial kitchens, bakeries, mills, food and feed drying areas, warehouses, barns, food and feed manufacturing plants, and all other locations where susceptible commodities are stored and processed.

**3. Pests:** Use to control and suppress the Indian meal moth, *Plodia interpunctella*, Mediterranean flour moth *Ephestia kuhniella*, tropical warehouse moth or cocoa moth, *Ephestia cautella*, tobacco moth *Ephestia elutella*, raisin moth, *Cadra figuliella*, and almond moth, *Cadra cautella*.

**4. Application:** The **Dismate PE™** dispensers should be attached securely to walls, columns, other structures, or hung from ceilings at least 6 feet above the floor level in storage facilities to form a grid pattern at 9 – 11 yards (8 – 10 meter) intervals to attain a density of the dispensers of 1 dispenser every 81 -121 square yards (64 -100 square meters). Use the higher rate in locations where threat of infestation is greatest, such as near other infested locations.

**5. Timing:** **Dismate PE™** dispensers should be used as a continuous around the year IPM program. The program can start any time of the year with dispensers changed every three months. Dispensers are supplied in four colours (blue, green, red and yellow) according to the time of dispenser change and to assure changing all containers at the same time. Progress should be monitored using **XLure™ R.T.U.** pheromone monitoring traps.

Use **Dismate PE™** dispensers immediately after detection of stored products moths in **XLure™ R.T.U.** pheromone monitoring traps or before moth emergence in early spring. Dispensers will emit effective amounts of pheromone for 90 days. Dispensers need to be changed every 13 weeks. It is also recommended to use Russell IPM Ltd. **XLure™ R.T.U.** pheromone monitoring traps available from J.F. Oakes, LLC, Tel: (662) 746-7276, Fax: (662) 746-4568, E-mail: sales@jfoakes.com.

**Note:** **Dismate PE™** disrupts mating of many species of stored product moths. If pest population densities are excessively high, disruption of mating will be less effective. At high population densities, insecticide applications are recommended to reduce populations to manageable levels. Stored pest moths may migrate from other infested storage locations in the vicinity, so pheromone and insecticide treatments should be used throughout an area where susceptible commodities may be stored including separate building. For best results, remove or destroy infested commodities and clean infested areas before use of **Dismate PE™**.

Monitoring of male stored products moths using pheromone traps is recommended in treated areas. As a general rule, pheromone trap monitoring of other pest species should be done so that timely intervention is possible when warranted.

<b>STORAGE AND DISPOSAL</b>	
<b>Nonrefillable container. Do not contaminate water, food, or feed by storage and disposal.</b>	
<b>PESTICIDE STORAGE</b>	Store in original package in a dry area below 40°F.
<b>PESTICIDE DISPOSAL</b>	Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.
<b>CONTAINER DISPOSAL</b>	Offer container for recycling, if available, or dispose of empty containers in trash.
<b>WARRANTY AND LIMITATION OF DAMAGES</b>	
Read all directions carefully. All statements concerning the use of this product apply only when used as directed. Russell IPM, Ltd. warrants that this material conforms to the specifications on the label and is reasonably fit for the intended purpose referred to on the label. To the extent consistent with applicable law, Russell IPM, Ltd. makes no other express or implied warranty of merchantability or fitness for a particular purpose or any other express or implied warranty.	

