

88279-1

2/25/2014

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Robert I. Rose, Ph.D.
Agent for Russell IPM, Ltd.
8322 Sharon Drive
Frederick, MD 21704

FEB 25 2014

Subject: Label Amendment to Add Use Sites and Other Minor Changes
Product Name: Dismate PE™
EPA Reg. No: 88279-1
Your Submission Dated August 26, 2013

Dear Dr. Rose:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5), is acceptable provided that you:

1. Submit and/or cite all data required for registration/re-registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

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 bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions regarding this action, you may contact Gina Burnett at (703) 605-0513 or via email at burnett.gina@epa.gov. A stamped copy of the label is enclosed for your records.

Sincerely,

Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

CONCURRENCES							
SYMBOL	▶ 7511P	7511P					
SURNAME	▶ Burnett	Hollis					
DATE	▶ 2/24/2014	2/25/14					

2/9

ACCEPTED

FEB 25 2014

Dismate PE™

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

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. 88279-1
EPA Est. No. 88279-GBR-001

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	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by poison control center or doctor. • Do not give anything by mouth to an unconscious person.
HOTLINE NUMBER	
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: www.npic.orst.edu).	

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 and/or processing plants, apartments, commercial and industrial structures, homes, hospitals, nursing homes, hotels/motels, kennels, livestock operations, pet stores, restaurants, retail establishments, schools, day care facilities, supermarkets, transportation equipment with food or feed (boats, trains, trucks), 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 or 730 – 1100 square feet (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 or 90 days. Dispensers are supplied in four colours

4/9

(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.

STORAGE AND DISPOSAL	
Nonrefillable container. Do not contaminate water, food, or feed by storage and disposal.	
PESTICIDE STORAGE	Store in original package in a dry area below 40°F.
PESTICIDE DISPOSAL	Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.
CONTAINER HANDLING	Offer container for recycling, if available, or dispose of empty containers in trash.
WARRANTY AND LIMITATION OF DAMAGES	
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.	

