

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



OFFICE OF
PREVENTION, PESTICIDES,
AND TOXIC SUBSTANCES

JAN 22 2009

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

Dear Mr. Theodorakis:

Subject: Submission of amended labeling
DuPont™ Advion® Mole Cricket Bait
EPA Registration No. 352-651
OPP Decision No. 400903
Your submissions dated August 21, 2008 and November 3, 2008

The proposed labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable with the following comments:

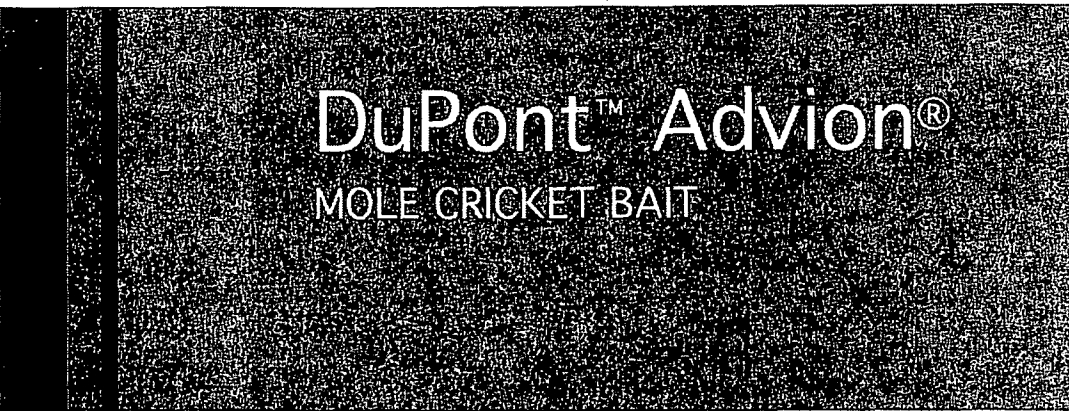
- Under the table for Perimeter Application Rates, provide the corresponding information for the rate 1.15 lbs. per 1,000 sq. ft.
- Under the "Crawl Space" directions in the Indoor Application section, add the following text to the "Broadcast" paragraph: **"The minimum application rate for cockroaches is 2.3 lbs. per 1,000 sq. ft., equivalent to 3.86 oz. per 100 sq. ft."** This text should be inserted between the first and third sentences of the "Broadcast" paragraph.

Please submit two copies of your final printed labeling before you release the product for shipment. A stamped copy is enclosed for your records. If you have any questions, please contact Julie Chao at (703) 308-8735 or chao.julie@epa.gov.

Regards,

A handwritten signature in black ink, appearing to read "John Hebert", written over a circular stamp or mark.

John Hebert
Insecticide-Rodenticide Branch
Registration Division (7505P)



DuPont™ Advion®

MOLE CRICKET BAIT

Professional Products

A granular insecticide bait for use to control crickets, including mole crickets, on lawns in residential, commercial, public and institutional landscaped areas, golf courses, parks, recreational areas and sports/athletic fields; cockroaches, and listed crawling nuisance or occasional invader insect pests in crawl spaces, attics, basements of buildings or structures.

<u>Active Ingredient</u>	<u>By Weight</u>
Indoxacarb*	
(S)-methyl 7-chloro-2,5-dihydro-2-[[[(methoxy-carbonyl)[4(trifluoromethoxy)phenyl]amino]-carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a-(3H)-carboxylate	0.22%
<u>Other ingredients</u>	99.78%
TOTAL	100.0%

*Indoxacarb belongs to the oxadiazine chemical class
EPA Reg. No. 352-651
EPA Est. No. XXX-XXX
Net Contents: lbs (kg)
E.I. du Pont de Nemours and Company
1007 Market Street
Wilmington, Delaware 19898

ACCEPTED
With COMMENTS
In EPA Letter Dated:
JAN 22 2009

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

352-651

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Shoes plus socks
- Long-sleeved shirt and long pants are required when using hand-held application equipment

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment rinsewater. Do not apply where/when conditions could favor runoff. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

For information on the use of this product call DuPont Professional Products at 1-888-6-DUPONT (1-888-638-7668).



The miracles of science™

DIRECTIONS FOR USE

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

Not for use on turfgrass being grown for sale or other commercial use, or for commercial seed production. For use on turfgrass intended for aesthetic purposes or climate modification and being grown in lawns, grounds, golf courses, recreational areas and athletic fields.

DuPont™ ADVION® Mole Cricket Bait must only be used in accordance with the Directions For Use on this label.

Use Restrictions

- Not for use on turfgrass that is being grown for seed or on commercial sod farms.
- Not for use in nurseries and greenhouses
- Do not allow livestock or domestic animals to consume the bait or graze in treated areas.
- Do not apply this product through any type of irrigation system.
- Do not exceed 200 total pounds of ADVION® Mole Cricket Bait (0.44 lbs active ingredient) per acre per season for broadcast applications in turfgrass.
- Do not formulate this product into other end-use products.

When to apply outdoors for cricket control:

ADVION® Mole Cricket Bait contains the active ingredient indoxacarb in a formulation that is highly attractive to house crickets, field crickets and mole cricket adults and nymphs. ADVION® Mole Cricket Bait should be applied in the spring to control adult mole crickets before they lay eggs and in the late summer and fall to control large nymphs and newly emerged adults. For best results, apply in late afternoon to areas of turfgrass that are infested with mole crickets. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets to the soil surface where exposure to ADVION® Mole Cricket Bait will be maximized. For optimal effectiveness, allow grass that is wet with dew, rainfall or irrigation to dry before application. Rainfall or irrigation within 2 to 3 days after application may reduce the effectiveness of ADVION® Mole Cricket Bait.

SPECIFIC USE DIRECTIONS

OUTDOOR BROADCAST APPLICATION: ADVION® Mole Cricket Bait may be applied as a broadcast application at the rate of 50 to 200 pounds of product per acre. Calibrate and adjust equipment prior to application to ensure that the proper rate of product is uniformly applied over the treatment area. Repeat application after 7 days, if necessary.

OUTDOOR BROADCAST APPLICATION RATES

Application Sites	Pests Controlled	Pounds Product Per		
		1,000 Square Feet	Acre	Lb A/A
Turfgrasses grown for aesthetic or recreational purposes or climatic modification in or around home lawns, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, parks, playgrounds, schools, golf courses (tee box areas, roughs, fairways, greens, collars etc.), sports/athletic fields and other similar landscape turf areas.	mole cricket adults and nymphs <i>Scapteriscus</i> spp., house crickets, field crickets, earwigs, silverfish and ants (except red imported fire ants, harvester ants, carpenter ants and pharaoh ants)	1.15 to 4.6 *	50 to 200	0.11 to 0.44
	cockroaches***	2.3 to 4.6 **	100 to 200	0.22 to 0.44

* Equivalent to 1.84 to 7.36 oz/100 sq. ft.

** Equivalent to 3.86 to 7.36 oz/100 sq. ft.

*** Minimum rate for cockroaches is 2.3 lbs/1,000 sq. ft equivalent to 3.86 oz/100 sq. ft.

PERIMETER APPLICATION: To control pests, listed in table above, apply to ground area in a band up to 10 feet wide around and adjacent to the structure.

BOUNDARY APPLICATION: To control pests, listed in table above, apply to soil areas, fencelines, ornamental gardens, pavement crevices, planter areas, vegetation areas and mulch areas.

PERIMETER APPLICATION RATES

Application Rate: Pounds Per 1,000 sq.ft.	Band Width	Pounds of ADVION® Mole Cricket Bait for Perimeter Applications							
		Linear Distance (feet) Around Structure							
		100	150	200	250	300	400	500	1,000
2.3	5 feet	1.3	1.9	2.5	3.1	3.6	4.8	5.9	11.7
2.3	10 feet	3.0	4.2	5.3	6.5	7.6	9.9	12.2	23.7
3.0	5 feet	1.7	2.5	3.2	4.0	4.7	6.2	7.7	15.2
3.0	10 feet	3.9	5.4	6.9	8.4	9.9	12.9	15.9	30.9
3.5	5 feet	2.0	2.9	3.8	4.6	5.5	7.3	9.0	17.8
3.5	10 feet	4.6	6.3	8.1	9.8	11.6	15.1	18.6	36.1
4.0	5 feet	2.3	3.3	4.3	5.3	6.3	8.3	10.3	20.3
4.0	10 feet	5.3	7.3	9.3	11.3	13.3	17.3	21.3	41.3
4.6	5 feet	2.7	3.8	5.0	6.1	7.3	9.6	11.9	23.4
4.6	10 feet	6.0	8.3	10.6	12.9	15.2	19.8	24.4	47.4

INDOOR APPLICATION

DuPont™ ADVION® Mole Cricket Bait may be used to control house crickets, field crickets, earwigs, silverfish and ants (except red imported fire ants, harvester ants, carpenter ants and pharaoh ants) in crawl spaces, basements and attics of residential, industrial and commercial buildings or structures. ADVION® Mole Cricket Bait will kill cockroaches that consume the bait [granules] when placed in crawl spaces and basements of residential, industrial and commercial buildings or structures, but this type of application alone is not intended to provide complete control of an indoor cockroach infestation.

Crawl Spaces

Target Pests: house crickets, field crickets, cockroaches, earwigs, and ants (except red imported fire ants, harvester ants, carpenter ants and pharaoh ants)

Perimeter- Apply ADVION® Mole Cricket Bait along the edge of crawl space in a band approximately 6 to 12 inches wide at rate of 2 oz bait [granules] per 10 linear feet. Monitor the crawlspace area treated and reapply bait [granules] only as needed.

Broadcast- Apply ADVION® Mole Cricket Bait as broadcast treatment at rate of 1.15 lbs bait [granules] per 1,000 sq ft. Monitor the crawlspace area treated and reapply bait [granules] only as needed.

Basements

Target Pests: house crickets, field crickets, cockroaches, earwigs, and ants (except red imported fire ants, harvester ants, carpenter ants and pharaoh ants)

For unfinished basements not actively used as living area, apply bait [granules] along the edge of walls in a band approximately 6 to 12 inches wide at rate of 2 oz bait [granules] per 10 linear feet. Avoid areas accessible to children and pets. Monitor the area treated and reapply bait [granules] only as needed. See instructions below for use of bait stations in finished and unfinished basements.

Apply ADVION® Mole Cricket Bait in finished or unfinished basements using bait stations. Place 2 - 4 oz of bait [granules] in each bait station, depending on the bait station design and size. Apply ADVION® Mole Cricket Bait in basements by using commercially available bait stations designed for bait [granule] formulation insecticides. Place bait stations containing the bait [granules] in areas of the basement that are accessible to insect pests but not accessible to children and pets. Monitor the bait stations and replace bait [granules] as needed.

Do not allow ADVION® Mole Cricket Bait to contact any food or feed being stored in an unfinished or finished basement.

Attics

Target Pests: house crickets, field crickets, and silverfish

Apply ADVION® Mole Cricket Bait only to attic space not being used as living area at rate of 1.15 lbs per 1,000 sq ft as a broadcast treatment using a hand spreader. Monitor the attic area treated and reapply bait [granules] only as needed. ADVION® Mole Cricket Bait [granules] may also be applied in attics by using commercial bait stations designed to hold bait [granule] insecticide products. Place 2 - 4 oz of bait in each bait station, depending on the bait station design

and size. The number of bait stations placed in the attic space will depend on the level of the infestation. Monitor the bait stations and replace bait [granules] as needed.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store product in original container only in a location inaccessible to children and domestic animals/pets. Store in a cool, dry place and avoid excessive heat.

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:

Nonrefillable container. Do not reuse or refill this container. Completely empty plastic container, plastic bag or fiber sack into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling, if available or dispose of plastic container, plastic bag or fiber sack in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

If the container or bag is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

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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.

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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.

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