

100-1054

3/29/2010

10 of 14



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
 100-1054

Date of Issuance:
 MAR 29 2010

NOTICE OF PESTICIDE:
 Registration
 Reregistration
 (under FIFRA, as amended)

Name of Pesticide Product:
 Havoc® Rodenticide Bait Pack
 Mini-Pellets With Bitrex®

Name and Address of Registrant (include ZIP Code):

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

Decision No. 320385
 5-87154 676
 1275

Attention: Mr. Thomas Parshley

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.

Based on your response to the Rodenticide Cluster Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you submit one (1) copy of your final printed labeling, with the changes below, before you release the product for shipment:

Signature of Approving Official:

Kable Bo Davis
 Acting Product Manager (07)
 Insecticide-Rodenticide Branch
 Registration Division (7505P)

Date:

MAR 29 2010

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1. On the Front Panel, change "Rodents may consume a lethal dose in one feeding with first dead rodents appearing four or five days after treatment begins." to:

Norway rats and house mice may consume a lethal dose in one night's feeding with first dead rodents appearing four or five days after feeding begins.
2. Wherever it occurs on your labeling, change "NOT FOR RESALE" to "INDIVIDUAL SALE PROHIBITED BY LAW".
3. Revise your "PRECAUTIONARY STATEMENTS" as follows:

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through the skin. Keep away from children, domestic animals and pets. Do not get in eyes, on skin, or on clothing.

All handlers (including applicators) must wear shoes plus socks, and gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

User Safety Requirements
Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

| FIRST AID | |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HAVE LABEL WHEN OBTAINING TREATMENT ADVICE | |
| If Swallowed | <ul style="list-style-type: none"> • Call a poison control center, doctor, or HOT LINE NUMBER immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. |

HOT LINE NUMBER

For 24-Hour Medical Emergency Assistance (Human or Animal)
Or Chemical Emergency Assistance (Spill, leak, Fire or Accident)

Call

1-800-888-8372

NOTE TO PHYSICIAN

If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K₁ intramuscularly or orally. Vitamin K₁ is antidotal at doses of 10-20mg (**not** mg/kg). Repeat as necessary based on monitoring of prothrombin times.

TREATMENT FOR PET POISONING

If animal eats bait, call veterinarian or **HOT LINE NUMBER** at once.

NOTE TO VETERINARIAN

Anticoagulant Brodifacoum: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K₁ at doses of 2-5 mg/kg. If needed, check prothrombin times every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be needed.

Environmental Hazards

This product is extremely toxic to mammals and birds. Dogs, cats and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff also may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

4. Revise the "**DIRECTIONS FOR USE**" as follows:

DIRECTIONS FOR USE

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

READ THIS LABEL: Read this entire label and follow all use directions and use precautions. Use only for the sites, pests, and application methods described on this label.

Important: Do not expose children, pets, or other nontarget animals to rodenticides. To reduce exposure:

- Store product ... prone to vandalism.
- Dispose of product container, and unused, spoiled, and unconsumed bait as specified on this label.

USE RESTRICTIONS

For control of Norway rats, roof rats and house mice in and around agricultural buildings. **Do not apply further than 50 feet from buildings.** Do not use in homes or other human residences. Do not use in sewers. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment or surfaces that come into direct contact with food. When used in USDA inspected facilities, this product must be applied in tamper-resistant bait stations. Do not broadcast bait. Do not use in sewers.

Do not sell this product in individual containers holding less than 8 pounds of bait.

SELECTION OF TREATMENT AREAS

Determine areas ... as possible.

APPLICATIONS DIRECTIONS

Norway and Roof Rats

Apply ... cease.

House Mice

Apply ... activity cease.

Follow-Up

Replace .. as needed..

5. Revise your "Pesticide Storage" as follows:

Pesticide Storage: Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

[**Note:** As stated in 40CFR156.140(a)(4), a batch code must be included on the label or package for container and containment for nonrefillables.]

6. Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E).

As stated under the Terms and Conditions of Sale and Distribution on page 35 of the Agency's revised May 28, 2008 "Risk Mitigation Decision for Ten Rodenticides":

- a. Product is prohibited for sale in stores oriented towards residential consumers: Grocery, Drug, Hardware and Home Improvement. It is acceptable for sale in stores oriented toward agricultural consumers: Farm, Agricultural, Tractor Stores.
- b. Product may not be sold in packaging that holds less than 8 pounds of bait.

The acceptable Confidential Statement of Formula (CSF) for this product is dated August 14, 2001. All other versions are obsolete.

Existing Stocks Provisions

- The registrant may not distribute or sell existing stocks of this product after June 4, 2011 unless they conform to the terms and conditions of registration as amended today.
- Any person other than the registrant may sell and distribute existing stocks of this product with the previously approved label until such stocks are exhausted.
- Any person may use existing stocks of this product with the previously approved label until such stocks are exhausted.

With the above revisions, this product will be in full compliance with the Agency's revised May 28, 2008 "Risk Mitigation Decision for Ten Rodenticides".

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. If you have any questions, please contact Dan Peacock by phone (703-305-5407), or E-Mail (peacock.dan@epa.gov).

Enclosures: 1. Stamped Label
 2. Minimum Type Sizes for Final Printed Label

Dan Peacock, Flash Drive, 16gb, E:\4G Dan\Doc\Word\Brodifacoum\Re-Reg\100-1054\Notice of Re-Reg, 100-1054, 3-24-2010.final.doc

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DIRECTIONS FOR USE

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

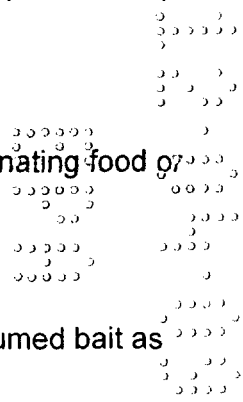
READ THIS LABEL: Read this entire label and follow all use directions and use precautions.

For control of Norway rats, roof rats, and house mice in and around agricultural buildings.

Important: Do not expose children, pets, or other non-target animals to rodenticides.

Use Restrictions

- Do not use in homes or other human residences.
- Store product not in use in a location out of reach of children or pets.
- Apply bait in locations out of reach of children, pets, domestic animals, and nontarget wildlife, or in tamper-resistant bait stations. All above ground, outdoors applications must be in tamper resistant bait stations. These stations must be resistant to destruction by dogs and by children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from stations when they are lifted, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to hooved livestock, raccoons, bears, or other potentially destructive animals, or in areas prone to vandalism.
- Do not apply further than 50 feet from agricultural buildings.
- Do not sell this product in individual containers containing less than 8 pounds of bait.
- When used in USDA inspected facilities, this product must be applied in tamper-resistant bait stations.
- Do not use in sewers.
- Do not place bait in areas where there is a possibility of contaminating food or surface that comes in direct contact with food.
- Do not broadcast bait.
- Dispose of product container, and unused, spoiled, and unconsumed bait as



specified on this label.

SELECTION OF TREATMENT AREAS

Determine areas where rats and/or mice will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, in or beside burrows, in corners and concealed places, between floors and walls, or in locations where rodents or their signs have been observed. Remove as much food as possible.

APPLICATION DIRECTIONS

Norway and Roof Rats

Apply 2-8 bait packs (usually at intervals of 15-30 ft.) per placement. Maintain an uninterrupted supply of fresh bait for 10 days or until signs of rat activity cease.

House Mice

Apply one bait pack per placement. Space placements at intervals of 8-12 ft. Two bait packs may be needed at points of very high mouse activity. Maintain an uninterrupted supply of fresh bait for 15 days or until signs of mouse activity cease.

Rats and Mice

Replace contaminated or spoiled bait immediately. Collect and dispose of all dead rodents and leftover bait properly. To prevent reinfestation, limit sources of rodent food, water, and harborage as much as possible. Where a continuous source of infestation is present, maintain permanent bait stations and replenish with census or toxic bait as needed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal

Pesticide Storage

Store only in original container in dry place inaccessible to children and pets.

Pesticide Disposal

Dispose of wastes resulting from the use of this product at an approved waste disposal facility or call your local solid waste agency for alternative disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Handling (container, bait pack)

Nonrefillable container. Do not reuse or refill this container. When completely empty, offer for recycling if available, or dispose of empty container in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

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(Master label
(50 gm bait-pack)

HAVOC® Rodenticide Bait Pack Mini-Pellets With Bitrex®

For Use In and Around Agricultural Buildings Only

NOT FOR RESALE

Kills Rats and Mice

Second Generation Anticoagulant

Kills Warfarin-Resistant Norway Rats and House Mice
Rodents may consume a lethal dose in one feeding with first dead rodents appearing four or five days after treatment begins.

Active Ingredient:

| | |
|------------------------------------------------------------------|----------|
| Brodifacoum | |
| 3-[3-(4'-bromo-[1,1'-biphenyl]-4-yl)-1,2,3,4- | |
| tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one | 0.005% |
| Other Ingredients: | 99.995% |
| Total: | 100.000% |

KEEP OUT OF REACH OF CHILDREN.

CAUTION

Read additional precautionary statements and directions for use on label.

Distribution to and sales in "consumer" stores including grocery stores, drug stores, hardware stores, club stores is prohibited.

EPA Reg. No. 100-1054
EPA Est. XXXX

| | | | |
|--------------------------------|------------------------------------------------|--|--------|
| SCP 1054A-M(draft mitigation) | | |)))))) |
| 1.76 ounces/50 grams bait pack | | |)))))) |
| | ³ / ₃₂ inch mini-pellets | |)))))) |
| Net Weight | | |)))))) |

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

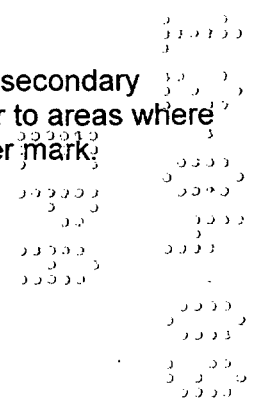
May be harmful or fatal if swallowed. Keep away from humans, domestic animals and pets. Wash hands after handling bait.

IF BAIT IS EATEN BY NON-TARGET ANIMALS OR PETS, CALL A VETERINARIAN AT ONCE.

| FIRST AID | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. | |
| If swallowed | <ul style="list-style-type: none"> • Call a poison control center, doctor, or HOT LINE NUMBER 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 the poison control center or doctor. |
| HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372 | |
| NOTE TO PHYSICIAN OR VETERINARIAN | |
| This product may reduce the clotting ability of the blood and cause hemorrhaging. If poisoning occurs, intramuscular and oral administration of vitamin K ₁ are indicated, as in poisoning from overdose of bishydroxy coumarin. For human cases, vitamin K ₁ is antidotal at doses of 10-20 mg (not mg/kg). For animal cases, vitamin K ₁ is antidotal at 2-5 mg/kg. Repeated doses may need to be given up to 2 weeks (based on monitoring of prothrombin times). In severe cases, blood transfusions may be necessary. | |

Environmental Hazards

This product is toxic to fish, birds and wildlife. This product can pose a secondary hazard to birds of prey and mammals. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.



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NOTICE: Read the entire **Directions for Use and Conditions of Sale and Limitation of Warranty and Liability** on outer package 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.

DIRECTIONS FOR USE

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

Read entire label on outer package before using this product. Is illegal to sell these bait packs individually.

STORAGE AND DISPOSAL

Refer to label on outer package for complete pesticide storage and pesticide disposal and container handling directions.

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Bitrex® is a trademark of Macfarlan Smith Ltd., Edinburgh, Scotland.

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Manufactured for :

Syngenta Crop Protection, Inc.

P.O. Box 18300

Greensboro, North Carolina 27419-8300

SCP 1054A-M(draft mitigation)

HAV MIN 1054A-M(draft mitigation)clean-lg-11-30-09 000100-01054.20091202.mitigation.pdf

Handwritten marks consisting of several groups of small, scattered characters or symbols, possibly representing a barcode or a specific data set.