



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

56228-29

Date of Issuance:

JUN 18 2003

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

**Compound DRC-1339  
Concentrate -Livestock, Nest  
& Fodder Depredations**

Name and Address of Registrant (include ZIP Code):

Animal and Plant Health Inspection Service (APHIS)  
United States Department of Agriculture (USDA)  
4700 River Road, Unit 152  
Riverdale, MD 20737

676  
22  
5-622788

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 Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted", with comments. 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.

Contd.

Signature of Approving Official:

Meredith Laws, Chief  
Insecticide-Rodenticide Branch  
Registration Division (7504C)

Date:

JUN 18 2003

**Labeling changes** Make the following labeling changes and submit one (1) copy of final printed labeling before you ship product:

1. On Page 2, last word, revise as "POISON".
2. Under "EGG BAIT APPLICATION:", bold "USE RESTRICTIONS", in the third line.

**Existing stocks** You will have eighteen (18) months to use up existing stocks of previously approved labeling.

**Consequence for non-compliance** This registration will be subject to cancellation in accordance with FIFRA sec. 6(e) if you do not comply with this condition. Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

A stamped copy of the labeling is enclosed for your records.

**Enclosures**  
1. Stamped label  
2. Minimum Type Size Requirements

**RED reference** Starlicide Reregistration Eligibility Decision (RED) Document, List B, Case 2610 (September 1995)

**Letter filed** Disk 108,A:\Starlicide\56228-29, Notice of Re-registration,6-13-2003.wpd

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS**

**DANGER**

**Acute Hazards:** Fatal if inhaled. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some people.

**Hazard Avoidance:** Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear protective clothing, protective eyewear, and respiratory protection as listed under "Personal Protective Equipment." Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. Remove contaminated clothing and wash before reuse.

**PERSONAL PROTECTIVE EQUIPMENT:**

**Handlers who mix packages containing 1 lb or more of this product must wear:**

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves (such as waterproof or rubber gloves)
- Chemical-resistant footwear plus socks
- Protective eyewear (goggles or face shield)
- Respirator with a dust/mist filtering respirator (MSHA NIOSH approval number prefix TC-21C or NIOSH approved respirator with any N, R, P, or HE filter)

**Handlers who mix packages containing less than 1 lb of this product must wear:**

- Chemical-resistant gloves (such as waterproof or rubber gloves)
- Protective eyewear (goggles or face shield)

**Applicators who handle ~~traff~~ must wear:**

- Chemical-resistant gloves (such as waterproof or rubber gloves)

**DRAFT**

**RESTRICTED USE PESTICIDE**

Due to High Acute Inhalation Toxicity and Eye and Skin Corrosiveness to Humans; High Acute Toxicity to Nontarget Birds and Aquatic Invertebrates; and the Need for Highly Specialized Applicator Training.

For retail sale to, and use only by, USDA APHIS Certified Applicators trained in bird control or by persons under their direct supervision.

**COMPOUND DRC-1339 CONCENTRATE –  
Livestock, Nest & Fodder Depredations**

*For control of crows, ravens, and magpies that prey on newborn livestock, that prey on eggs or the young of Federally-designated Threatened or Endangered Species or of other species designated to be in need of special protection, or that damage and feed on the contents of silage/fodder bags.*

**Active Ingredient:**  
Staricide, 3-chloro-p-toluidine hydrochloride: ..... 97.0%  
**Inert Ingredients:** ..... 3.0%  
**TOTAL:** ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER-PELIGRO  
POISON**

**ALWAYS  
USE CAREFULLY  
See EPA Letter Dated**

JUN 18 2003



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 56228-29, you must have the label with you when obtaining treatment advice.

**FIRST AID**

If swallowed	<ul style="list-style-type: none"> <li>- Call a 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 the poison control center or doctor.</li> </ul>
If on skin or clothing	<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> <li>- Call a poison control center or doctor immediately for treatment advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>- Move person to fresh air.</li> <li>- If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>- Call a poison control center or doctor immediately for treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>- 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.</li> <li>- Call poison control center or doctor immediately for treatment advice.</li> </ul>

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage. See additional PRECAUTIONARY STATEMENTS on Left Panel.

**User Safety Requirements:**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are provided for washables, 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.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is very highly toxic to birds and aquatic invertebrates. Do not use in any manner that may endanger desirable and protected bird species. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply when runoff is likely to occur. 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 by the cleaning of equipment or disposal of waste.

**ENDANGERED SPECIES CONSIDERATIONS**

Before undertaking any control operations with the product, consult with local, State, and Federal Wildlife authorities to ensure the use of this product presents no hazard to any endangered species. DO NOT apply in areas where the product may be consumed by Endangered Species.

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

4700 River Road, Unit 152  
Riverdale, MD 20737

EPA Reg. No. 56228-29  
EPA Est. No. 56228-ID-1

Net Contents: \_\_\_\_\_

## 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 the entire label. This product must be used strictly in accordance with this label's precautionary statements and use directions, as well as with all applicable State and Federal laws and regulations.

Before using this product, contact the U.S. Fish and Wildlife Service and the applicable State wildlife agency and obtain all necessary kill or collecting permits.

### GENERAL INFORMATION:

This product contains a slow-acting avicide which kills target birds in 1 to 3 days. As many types of nontarget bird species are potentially vulnerable to DRC-1339, it is necessary to use care and to follow the requirements of this label to minimize impacts to nontarget species.

### USE RESTRICTIONS:

Baits made from Compound DRC-1339-Livestock, Nest & Fodder Deprivations may only be used to control the following species: common raven (*Corvus corax*), Chihuahuan raven (*Corvus cryptoleucus*), American crow (*Corvus brachyrhynchos*), Black-billed magpie (*Pica pica*), and Fish Crow (*Corvus ossifragus*). This product may be used to prepare egg or meat-cube baits to control the target species listed above in the following use sites:

- rangeland and pastureland areas where ravens or crows prey upon newborn livestock;
- refuges or other areas where ravens or crows prey upon the eggs and/or young of Federally-designated Threatened or Endangered Species, or upon the eggs and young of other species which Federal or State wildlife agencies have determined to be in need of protection from nest predators due to documented declines in numbers and/or in nesting success; or
- within 25 feet of silage/fodder bags that have been damaged or are likely to be damaged by crows, ravens, or black-billed magpies.

Baits must be prepared and applied as specified on this label. DO NOT apply baits made from this product by air or by use of any mechanical equipment designed to broadcast baits or other pesticides. Users of this product must follow all limitations indicated on this label regarding the placement and monitoring of treated baits.

## DIRECTIONS FOR USE (continued)

Before baits made from this product are applied, sites that are to be treated must be observed for evidence of nontarget activity and must be prebaited (see specific instructions for these activities). DO NOT apply treated baits where there is a danger that Threatened or Endangered Species will consume baits unless special precautions are taken to limit such exposures. Such precautions shall include constant observation of baited sites and use of hazing tactics to frighten away Threatened & Endangered Species that otherwise might feed upon baits.

DO NOT apply treated baits within 50 feet of permanent manmade or natural bodies of water, unless baited sites are under constant observation while baits are exposed.

DO NOT exceed a maximum application rate of 0.083 lbs of active ingredient per treated acre. That rate is equivalent to 18 treated-egg baits on at least 5 bait sets applied over an area of 400 ft<sup>2</sup> surrounding an animal carcass draw station.

DO NOT apply baits made from this product in any way that could contaminate materials to be used as human food or animal feed. DO NOT use treated baits as food or feed. DO NOT store, apply, or even temporarily place treated bait in locations accessible to children, pets, or domestic animals. Do not use silage that has spilled from silage bags as livestock feed.

DO NOT apply bait in a way that will contact workers or other persons.

### ENTRY RESTRICTIONS:

Keep persons other than authorized handlers, as well as pets and livestock, away from the bait at all times. Only protected handlers may be in the area during bait application. Exclude all unauthorized persons from application sites during prebaiting and baiting.

### PRETREATMENT OBSERVATIONS:

Before applying treated baits in any problem area, carefully observe target birds' feeding habits to locate their preferred feeding sites, determine the optimum time of application, and evaluate potential hazards of the application to desirable and/or protected animal species. DO NOT apply bait(s) in areas where there is danger of consumption by Threatened or Endangered species.

### PREBAITING:

Prebaiting with untreated bait materials (or use of a draw station) is necessary to promote feeding by target species and to assess potential for exposure of nontarget species. Apply prebait using the same procedures that are prescribed below for the type of bait (EGG BAITS or MEAT BAITS) that is to be used for toxic baiting.

## DIRECTIONS FOR USE (continued)

### MEAT BAITS

#### MEAT BAIT PREPARATION:

1. Mix 0.75 gm (0.027 oz) of this product with 5.0 gm (0.18 oz) of powdered sugar.
2. Pour or sprinkle concentrate-sugar mixture over 200 meat cubes that measure about 1.3 cm (1/2 in) on each side.
3. Mix or tumble bait slowly until all meat cubes appear to be evenly covered.

#### MEAT BAIT APPLICATION:

Control of crows, magpies, and ravens with meat baits prepared from this product is limited to the sites indicated above under USE RESTRICTIONS. Wear rubber gloves while handling baits. Place no more than 75 meat cube baits at each baited site. Place 5 to 10 baits in clusters over an area not to exceed 1000 ft<sup>2</sup> (93 m<sup>2</sup>) where control of ravens, magpies, and/or crows is to be affected. Draw stations (fresh, unpoisoned animal carcasses) may be needed to attract ravens, magpies, and/or crows to the locations selected for bait exposure. If draw stations are used, place meat baits on or within a few feet of the animal carcasses.

WHILE TREATED MEAT BAITS ARE EXPOSED, BAITED AREAS MUST BE OBSERVED CONTINUOUSLY FROM A DISTANCE OF NO MORE THAN 1000 YARDS (914 m) TO DETECT APPROACHES BY THREATENED OR ENDANGERED SPECIES AND OTHER DESIRED OR PROTECTED ANIMALS LIKELY TO EAT BAITS. Flush such nontarget animals away from treated baits by use of non-injurious methods. Because of wariness of target bird species, it may be necessary to observe baits from behind natural or specially-constructed blinds.

Unconsumed bait cubes must be retrieved daily, at the conclusion of each observation period and no later than one hour after sunset. Dispose of retrieved baits in accordance with applicable State and Federal laws.

### EGG BAITS

#### EGG BAIT PREPARATION:

1. Dissolve 2 gm (0.07 oz) of the product in 100 ml (0.2 pt) of warm potable water at 43.3°C (110°F) to make an approximately 2% solution; or dissolve 4 gm (0.14 oz) of the product in 100 ml (0.2 pt) of warm potable water at 43.3°C (110°F) to make an approximately 4% solution; or in other proportions to produce a 2% or 4% solution.
2. Using a 18-gauge hypodermic needle or similarly-sized implement, make an entry hole in the end of each hard-boiled chicken, turkey, or duck egg to be used. Using a syringe and a 20-gauge hypodermic needle, slowly inject 1 ml of the 2% solution (or 0.5 ml of the 4% solution) into the yolk of each egg.

Make only enough solution to treat the desired number of eggs. Mark treated eggs with small skull and crossbones or the word poison.

## DIRECTIONS FOR USE (continued)

### EGG BAITS (continued)

#### **EGG BAIT APPLICATION:**

Control of crows, magpies, and ravens with egg baits prepared from this product is limited to the sites indicated above under **USE RESTRICTIONS**. Place all egg baits to be used at one baited site within 25 ft (7.6 m) of the center of the site or within 25 ft of any silage/fodder bags that are to be protected. Place 1-4 eggs in each bait set, and do not use more than a total of 18 eggs per baited site. If a draw station (fresh, unpoisoned animal carcass) is used, all bait sets must be located at least 10 ft (3 m) from the carcass. Wherever practical, bait sets should be made in "dummy" nests created by making small depressions in the ground. Dummy nests may be partially hidden by vegetation or other debris. In other situations, eggs may be placed on elevated wooden platforms 1ft<sup>2</sup> to 2 ft<sup>2</sup> in area. Eggs placed on platforms must be restrained by wire to prevent them from falling off platforms or being removed by birds. Apply 2-3 eggs per platform.

**DO NOT USE MORE EGGS THAN ARE NEEDED TO EFFECT CONTROL**, as ravens and crows tend to cache surplus food.

Observe baited areas (from blinds) early in prebaiting or baiting period to determine whether nontarget species are approaching egg baits. Haze away Threatened or Endangered species that might be at risk from baits. Remove baits if such Threatened or Endangered Species continue to approach them.

Re-bait with additional treated eggs when more than 50% of the treated eggs offered have been removed by ravens, magpies, or crows. When replacing baits, take care not to frighten target birds actively removing or feeding upon eggs. Retrieve unconsumed treated eggs within 7 days of exposure. Old treated eggs and treated eggs not eaten by the time control operations cease must be disposed of in accordance with applicable State and Federal laws.

#### **POST-TREATMENT CLEAN UP (Meat and Egg Baits):**

Collect unconsumed and leftover meat or egg baits and carcasses of dead or dying birds. Dispose of such baits and carcasses by burning or burial, as authorized by applicable laws and ordinances.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store only in original container, in a dry place inaccessible to children, pets, and domestic animals

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities. If burned, stay out of smoke.

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