



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

EPA Reg. Number:
56228-10

Date of Issuance:
JUN 18 2003

NOTICE OF PESTICIDE:

Registration
 Reregistration

675 5-622781
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Term of Issuance:

Name of Pesticide Product:
**Compound DRC-1339
Concentrate-Feedlots**

(under FIFRA, as amended)

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**

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, Middle Column, change "pplied" to "applied".
2. Under "GENERAL INFORMATION:", after "1 to 3 days.", add:

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.

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\56228-10, 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 bait 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 – FEEDLOTS**

For bird control in feedlots

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

KEEP OUT OF REACH OF CHILDREN

**DANGER-PELIGRO
POISON**

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 18 2003



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 56228-10

FIRST AID

swallowed	- Call a 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 the poison control center or doctor.
if on skin or clothing	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor immediately for treatment advice.
if inhaled	- Move person to fresh air. - If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. - Call a poison control center or doctor immediately for treatment advice.
if in eyes	- 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 immediately for treatment advice.

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. 56228-10
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 bird species (see lists below) in 1 to 3 days.

For purposes of this label, feedlots are considered to be areas of commercial livestock operations where beef cattle, dairy cattle, swine, or poultry are confined primarily for the purpose of fattening for market. Fenced pastures, multiple-use confined areas and areas where one or a few animals are kept or tethered are not considered to be feedlots.

USE RESTRICTIONS

Baits made from this product may only be used in beef cattle feedlots, dairy cattle feedlots, swine feedlots, or poultry feedlots and may only be used to control the types of backbirds, cowbirds, grackles, and starlings that are specifically listed on this label. Baits must be 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 of treated baits near or within feedlot areas. **DO NOT** place bait in pens that are occupied by livestock. **DO NOT** apply treated baits within 50 feet of bodies of water.

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 prebaited (see specific instructions for these activities). **DO NOT** apply bait(s) in areas where there is danger of consumption by Threatened or Endangered species.

DO NOT exceed a maximum application rate 0.08 lb of active ingredient per treated acre. That rate is consistent with use of a bait that is 2% active ingredient, diluted 1:10 with untreated bait, and applied at a rate of 1 lb of diluted bait per 1000 ft². (See "APPLICATION DIRECTIONS").

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.

TARGET SPECIES:

Brewer's blackbird (*Euphagus cyanocapthalus*)
Brown-headed cowbird (*Molothrus aeter*)
Common grackle (*Quiscalus quiscula*)
Red-winged blackbird (*Agelaius phoeniceus*)
European Starling (*Sturnus vulgaris*)

When in mixed flocks with one or more of the species listed above, the following species shall be considered to be target species: boat tailed grackle (*Quiscalda major*), great-tailed grackle (*Cassidix mexicanus*), tri-colored blackbird (*Agelaius tricolor*), yellow-headed blackbird (*Xanthocephalus xanthocephalus*), rusty blackbird (*Euphagus carolinus*), and bronzed cowbird (*Molothrus aeneus*).

PRETREATMENT OBSERVATIONS:

Prior to application of treated bait to any problem area; carefully observe feeding habits of target birds to (1) locate preferred feeding sites which can be baited in accordance with this label, (2) determine the optimum time of day for applying bait, and (3) evaluate hazards of the application to desirable or protected animals.

DIRECTIONS FOR USE (continued)

SELECTING BAIT MATERIALS:

Use only cracked corn, rolled whole corn, whole or rolled milo, or poultry pellets as bait materials, unless prebaiting observations have demonstrated that these baits are not accepted well by the target species or present undue risk to nontarget animals. Poultry pellets and rolled or cracked corn are generally accepted by starlings. Cracked corn and rolled or whole milo are generally accepted by blackbirds.

If you are uncertain as to which bait materials to select, expose the target population to small amounts of two or more of the following: cracked corn, rolled whole corn, whole or rolled milo, and poultry pellets to determine a suitable material. If none of these materials is well accepted, test for acceptance of rolled barley, whole raisins, and/or cull French fries. These latter bait materials may only be used if it is demonstrated that they are preferred by the target species and the nontarget risks associated with them are equal to or less than those for cracked corn, whole rolled corn, whole or rolled milo or poultry pellets.

PREBAITING:

Prebaiting with untreated bait material of the type to be used for toxic baiting is required. Apply prebait at the locations that are to be used for toxic baiting using the same application method and application rate that is to be used for toxic baiting.

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FORMULATION DIRECTIONS:

See separate "FORMULATION DIRECTIONS" table on the following page for specific directions for preparing baits from this product.

APPLICATION DIRECTIONS:

Beef Cattle Feedlots: Wear rubber gloves when handling bait. Place bait into feeding stations or, using a scoop or other appropriate utensil, manually scatter diluted bait thinly and uniformly at a rate of 1 lb/1000 ft² (0.5 kg/100 m²) over dry and frozed areas in unoccupied pens and alleyways before target birds arrive in the morning. Apply bait only in areas that are inaccessible to livestock during the time when bait is to be exposed. **DO NOT** bait pens within the feedlot that are occupied by cattle.

Poultry, Swine and Dairy Cattle Feedlots: Wear gloves when handling bait. Place bait into feeding stations or, using a scoop or other appropriate utensil, manually scatter diluted bait thinly and uniformly at a rate of 1 lb/1000 ft² (0.5 kg/100 m²) over dry or frozen areas on the PERIMETER of the lot OUTSIDE the pen areas occupied by poultry, swine, or dairy cattle. **DO NOT** bait pens within the feedlot that are occupied by poultry, swine, or dairy cattle.

POSTTREATMENT CLEAN-UP:

Beginning one day after bait application, search treated areas, animal pens, and immediate surrounding areas. Collect carcasses of dead or dying birds and bury or burn them according to applicable laws. Repeat carcass searches at 1-2 day intervals as long as bai is exposed and likely to remain toxic.

At the end of the baiting period, recover as much unconsumed bait material as possible and dispose of it in accordance with this label and applicable Federal, State, and local laws.

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.

FORMULATION DIRECTIONS

Dissolve one part Compound DRC-1339 Concentrate – Feedlots in an appropriate carrier and mix with the bait material of choice as indicated below. Following are examples of formulations that have effectively been used to treat a variety of grain and non-grain baits. Grains are the preferred bait material when the target species are blackbirds, cowbirds, or grackles. Cracked corn is the bait of choice for granivorous species. Poultry pellets and soft baits should be used when the target species is starlings. Poultry pellets are the bait of choice because of their selectivity for omnivorous species.

Directions for Mixing Specific Baits and Diluting them with Similar Untreated Bait

Type of Bait (% Active)	Mixing Instructions	Shelf Life
Rolled Barley, Cracked Corn, Whole/Rolled Milo (1.8 to 2.0%)	<ol style="list-style-type: none"> 1. Dissolve 3.2 oz (92 g) of this product in 1.3 pt (600 ml) of warm potable water at 110 F (43 C). 2. Binding agents such as lecithin oils, latexes or polyvinyl acetates may be used on grain baits to enhance retention and reduce losses due to moisture. 3. Pour the solution over 10 lbs (4.5 kg) of bait material and mix or tumble slowly until mixture appears evenly distributed. 4. Air dry at ambient temperature. 5. Screen baits and do not use bait materials that have less than 5,000 particles/lb or more than 25,000 particles/lb. 6. <u>Dilution Rate:</u> Dilute at no less than 1:10 with similar untreated bait. 	Use treated baits within 7 days
Rolled Whole Corn (0.9 to 1.0%)	<ol style="list-style-type: none"> 1. Dissolve 1.6 oz (46 g) of this product in 1.3 pt (600 ml) of warm potable water at 110 F (43 C). 2. Binding agents such as lecithin oils, latexes or polyvinyl acetates may be used on grain baits to enhance retention and reduce losses due to moisture. 3. Pour the solution over 10 lbs (4.5 kg) of bait material and mix or tumble slowly until mixture appears evenly distributed. 4. Air dry at ambient temperature. 5. Screen baits to remove small particles and dust. 6. <u>Dilution Rate:</u> Dilute at no less than 1:5 with untreated rolled whole corn. 	Use treated baits within 7 days
Poultry Pellets (0.9 to 1.0%)	<ol style="list-style-type: none"> 1. Dissolve 1.6 oz (46 g) of this product in 1.3 pt (600 ml) of warm potable water at 110 F (43 C). 2. Binding agents such as lecithin oils, latexes or polyvinyl acetates may be used on baits to enhance retention and reduce losses due to moisture. 3. Pour the solution over 10 lbs (4.5 kg) of poultry pellets and mix or tumble slowly until mixture appears evenly distributed. 4. Air dry at ambient temperature. 5. Screen baits to remove small particles and dust. 6. <u>Dilution Rate:</u> Dilute at no less than 1:5 with untreated poultry pellets. 	Use treated baits within 7 days
Whole Raisins (0.2%)	<ol style="list-style-type: none"> 1. Dissolve 0.3 oz (9.2 g) of this product in 0.3 pt (120 ml) of warm potable water at 110 F (43 C). 2. Pour the solution over 10 lbs (4.5 kg) of raisins and mix or tumble slowly until mixture appears evenly distributed. 3. Air dry at ambient temperature. 4. <u>Dilution Rate:</u> Dilute at no less than 1:2 with untreated raisins. 5. POST THE AREA WITH WARNING SIGNS DURING THE BAITING OPERATION 	Use treated baits within 24 hours
Cull French Fries (0.2%)	<ol style="list-style-type: none"> 1. Dissolve 1.6 oz (46 g) of this product in 1.3 pt (600 ml) of warm potable water at 110 F (43 C). 2. Pour the solution over 50 lbs (23 kg) of cull french fries and mix or tumble slowly until mixture appears evenly distributed. 3. Air dry at ambient temperature. 4. <u>Dilution Rate:</u> Dilute at no less than 1:2 with untreated cull french fries. 5. POST THE AREA WITH WARNING SIGNS DURING THE BAITING OPERATION 	Use treated baits within 24 hours

NOTE: For any bait prepared from this product, it is important to dilute treated bait particles with untreated particles at the appropriate ratio (see directions above). Diluting baits will reduce the possibility of any target bird consuming more than one lethal bait and should allow more target birds an opportunity to consume a lethal bait and reduce the possibility nontarget birds will consume a lethal dose.