

11556-14

9/10/2002

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
11556-14

Date of Issuance:
SEP 10 2002

Term of Issuance:
Unconditional

NOTICE OF PESTICIDE:
 Registration
 X Reregistration

Name of Pesticide Product:
Co- Ral Animal
Insecticide 1% Bulk
Dust

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bayer Corporation
P.O. Box 390
Shawnee Mission, KS 66201-0390

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.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section 3(c)(2)(B).

1. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. 11556-14".

Signature of Approving Official:

Date:

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2. Submit two (2) copies of your final printed labeling before you release the product for shipment.

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 for your records.

Enclosures

Reason to Issue: Amend text as per SRRD
Review Letter (8/21/01) and
PR Notice 2001-1

Date: 08/20/02
Supersedes: 11/24/99
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Co-Ral®

(coumaphos)

Animal Insecticide

1% Bulk Dust

Control of Horn Flies and Lice on Beef and
Dairy Cattle, Reduction of Face Flies on Beef and
Dairy Cattle, Control of Lice on Swine

Use in Dust Bag or Shaker Can

	<u>Percent by Weight</u>
Active Ingredient:	
0,0-Diethyl 0-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) phosphorothioate	1%
Other Ingredients*	99%
TOTAL	100%

EPA Reg. No. 11556-14

EPA Est. No. TBD

KEEP OUT OF REACH OF CHILDREN

CAUTION

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, and clothing.

See Side Panel for First Aid and Other Precautionary Statements

NET CONTENTS: 12.5 POUNDS

Manufactured for
Bayer Corporation, Agriculture Division, Animal Health
Shawnee Mission, Kansas 66201

ACCEPTED
in EPA Letter Dues

SEP 10 2002

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

FIRST AID	
Contains an organophosphate that inhibits cholinesterase.	
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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further 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.• Call a poison control center or doctor for treatment advice.
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 a poison control center or doctor for treatment advice.
Note To Physician: Prolonged exposure will result in cholinesterase depression. Atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.	
HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical treatment information, call 1-877-258-2280. For product information, call 1-800-633-3796.	

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CAUTION

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are rubber or waterproof. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Loaders, applicators and others handlers must wear long-sleeve shirt and long pants, chemical-resistant gloves, shoes plus socks, chemical-resistant apron, and a NIOSH-approved dust/mist respirator, with MSHA/NIOSH approval number prefix TC21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from the 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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, birds, fish and aquatic invertebrates. Coumaphos washed off of wading treated livestock may be hazardous to aquatic organisms. Do not contaminate water when disposing of equipment washwater or rinsate.

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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 entire label and Conditions of Sale before using this product.

Co-Ral 1% Bulk Dust may be used to fill cattle dust bags or it may be applied directly to cattle, swine or swine bedding by use of a shaker can. When used as recommended, Co-Ral 1% Dust controls horn flies and lice on beef and dairy cattle and lice on swine. Co-Ral 1% Dust will also reduce face fly populations on cattle; however, as face flies are able to travel over an area of several miles, best reduction of face fly populations is achieved when Co-Ral 1% Dust is used on an area-wide basis.

APPLICATION RESTRICTIONS

The use of mechanical dusters is prohibited.

For external insecticidal use only on specified animals. Do not contaminate feed, troughs, water or water utensils. Provide thorough ventilation while dusting. Do not apply to sick, stressed or convalescent animals.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Individuals must limit the number of animals they can treat per day with shaker can to no more than 25 and the area of swine bedding they can treat per day to 1,000 sq. ft.

Do not treat areas such as drinking cups, mangers, or troughs where livestock feed. Do not contaminate food, feedstuffs, food or feed handling equipment or milk or meat handling equipment.

Entry restrictions: Do not enter treated areas or allow contact with treated animals until dusts have settled.

INSTALLATION OF DUST BAGS:

Suspend the bags by inserting rope, chain or wire through the grommets at the top of the bag and attaching to an overhead structure or by hooking the grommets into hooks fastened to a stationary overhead 2 x 4 board at the heights recommended for louse and

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horn fly or face fly control. In areas of frequent or heavy rainfall Co-Ral 1% Cattle Duster should be protected from the weather.

Install as many Co-Ral 1% Cattle Dusters as necessary to lanes or other openings to assure proper dusting of the animals. After the bags are in place, pull the rip cord to allow the insecticide to fall into the bottom of the bag. When dust bags are provided on a free-choice basis, allow one 12.5-pound Co-Ral 1% Duster per 25 animals.

APPLICATION RATES

ANIMAL	PARASITE	REMARKS
Beef and Dairy Cattle	Horn Flies Lice Face Flies	<u>DUST BAG</u> : Place contents of this package in any commercially available dust bag. Suspend bags in areas frequented by cattle or in gateways or lanes through which the animals pass daily for water, feed or minerals. Bags may also be suspended in loafing sheds or in front of protected mineral feeders. For lactating dairy cows bags may be suspended in the exit through which cows <u>leave</u> the milking barn. In all cases the bags should be adjusted so that the bottom of the bag will hang four to six inches below the topline of the cattle. <u>For reduction of face flies</u> : (1) The bottom of the bags should be 18 to 24 inches from the ground to insure that the faces of the cattle will be dusted. (2) The bags must be located so the animals will be forced to use them daily.
	Horn Flies Lice	<u>DIRECT APPLICATION</u> : Co-Ral 1% Dust may be applied by use of a shaker can. Animals should be thoroughly dusted using not more than 2 oz.* (6 level tablespoonfuls) of dust per animal per treatment. Treat no more than 12 times per year. Do not make applications less than 10 days apart.

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APPLICATION RATES

ANIMAL	PARASITE	REMARKS
Swine	Lice	<p><u>DIRECT APPLICATION:</u> Apply not more than 1 oz.* (3 level tablespoonfuls) per head as a uniform coat to the head, shoulders and back by use of a shaker can. Treat no more than 6 times per year. Do not make applications less than 10 days apart.</p> <p><u>BEDDING TREATMENT:</u> Apply 2 oz.* (6 level tablespoonfuls) uniformly over 30 square feet of fresh, dry bedding by use of shaker can. Treat no more than 6 times per year. Do not make applications less than 10 days apart.</p> <p><u>DIRECT APPLICATION AND BEDDING TREATMENT:</u> In severe infestations both individual animals and the bedding may be treated as directed above.</p>
No interval is required between treatment and slaughter or between treatment and use of milk as feed.		

*Note: 1 oz of this material equals approximately three level tablespoonfuls.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place.

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: Completely empty the container 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.

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CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE APPROPRIATE FOR THE CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED UNDER DIFFERENT ENVIRONMENTAL CONDITIONS BOTH INDOORS AND OUTDOORS SIMILAR TO THOSE THAT ARE ORDINARY AND CUSTOMARY WHERE THE PRODUCT IS TO BE USED. INSUFFICIENT CONTROL OF PESTS OR PLANT INJURY MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL CONDITIONS, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO ANIMALS, MAN, AND DAMAGE TO THE ENVIRONMENT. BAYER OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL ENVIRONMENTAL CONDITIONS, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF BAYER AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.