

PR 23 400-135 PA 155

File



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

MAR 22 1994

**OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES**

**Willard Cummings
UNIROYAL CHEMICAL CO. INC.
74 AMITY ROAD
BETHANY, CONNECTICUT 06525**

**Subject: Label Amendment Submission of 09/17/93 in Response to PR Notice 93-7
EPA Reg. No. 400-135
ROYALTAC**

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that contains at least 50% recycled fiber

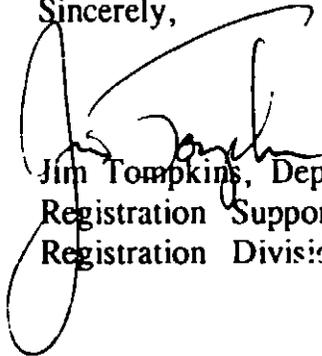
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

Willard Cummings
UNIROYAL CHEMICAL CO INC

COMMENTS FOR: EPA Reg. No. 400-135
ROYALTAC

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

Add "AND DOMESTICATED ANIMALS" to HAZARDS TO HUMANS under "PRECAUTIONARY STATEMENTS"

Correct the typographical errors circled on your proposed label.

4 5
ROYALTAC®

CONTACT TOBACCO SUCKER CONTROL AGENT



COMPOSITION

Active Ingredient: (% by weight)	
n-Decanol	78.4%*
Inert Ingredients	21.6%
Total:	100.0%

*Contains 5.70 pounds of active ingredient per U.S. gallon or 684 grams per liter.

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749

EPA REG. NO. 400-135

002WPS

EPA EST. NO.

NET CONTENTS:

**KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites or gelatin solution; if these are not available, drink large amounts of water. Avoid alcohol. Call a physician immediately.

IF IN EYES: Wash with plenty of water for at least 15 minutes. Call a physician.

IF INHALED: If abnormal symptoms develop, see a physician.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
DANGER**

Corrosive, causes eye damage. Do not get in eyes.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: A long-sleeved shirt and long pants; waterproof gloves; shoes plus socks; protective eyewear. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 22 1991

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

400-135

DIRECTIONS FOR USE

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

Chemigation Prohibition: Do not apply this product through any type of irrigation system.

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls; waterproof gloves; shoes plus socks; protective eyewear

GENERAL INFORMATION

ROYALTAC® is a contact sucker control agent. Direct contact of ROYALTAC with the suckers is essential. The spray should wet sides of the stalk of the plant and contact all small immature suckers to control them.

ROYALTAC may be used for the control of sucker growth on all types of tobacco.

NOTES:

1. Application rates of ROYALTAC concentrations higher than recommended levels may cause leaf damage.
2. **SHAKE WELL BEFORE USING.** After adding ROYALTAC to the sprayer, start up and maintain good agitation of the diluted solution.
3. Do not mix ROYALTAC with other chemicals.

DIRECTIONS FOR USE TIME OF APPLICATION

ROYALTAC can be applied either before or after topping, preferably just after buttons have elongated and before flowers start to open. At this stage *very few suckers are large enough to require removing by hand.* Best results are usually obtained by spraying with ROYALTAC and topping within a week. If tobacco is topped first, apply ROYALTAC within two days after topping. Any suckers larger than one inch should be removed while topping.

Do not spray during the middle of the day in very hot weather or leaf burn may occur. Injury may also result if ROYALTAC is applied to underside of the tobacco leaf; thus, application in winds high enough to turn over the top leaves is not recommended.

RATE OF APPLICATION

For use on FLUE CURED TOBACCO: mix 1½ gallons of ROYALTAC in 50 gallons of water. Apply 50 gallons of the diluted product per acre. Then follow in 7 to 10 days by ROYAL MH-30® or MH-30® systemic sucker control agents at dosages recommended on the label.

For use on BURLEY, MARYLAND and CIGAR TOBACCO: mix 2 gallons of ROYALTAC in 50 gallons of water. Apply 40-60 gallons of diluted product per acre.

For DARK TOBACCO: use 7-8 ounces of ROYAL TAC per gallon of water. If applied by hand, one gallon of diluted solution will treat 130 to 190

plants.

If power sprayer is used: 40 to 60 gallons of diluted product should be applied per acre of tobacco.

METHOD OF APPLICATION

When applied with power equipment: three nozzles per row should be used. One nozzle should be directed downward over the center of the row and one should be 9 inches on either side directed at or slightly above the top of the stalk. The diluted ROYALTAC should be applied to the topped tobacco as a coarse spray from a height of 12 to 16 inches above the top of the stalk. It is recommended that boom pressure be kept at 20-25 pounds and should never exceed 30 pounds.

When a power sprayer is used, be sure the solution is thoroughly mixed before the spraying operation begins; maintain agitation.

If you use a hand held or back pack sprayer: the diluted emulsion should be applied at a rate of ⅓ to one ounce per plant (or enough to insure run down to the bottom of the plant). A coarse spray is recommended, directed downward at the top of the stalk from 6 to 8 inches above the top leaves. Very little tank pressure is required, and in no case should more than 20 pounds be used.

NUMBER OF APPLICATIONS

This application should be followed in 7 to 10 days by ROYAL MH-30 or MH-30 systemic sucker control agents at the dosage recommended on the label. A second ROYALTAC application may be made 10-14 days after the first ROYALTAC application if a systemic material is not used (EXCEPT ON FLUE CURED TOBACCO).

On flue cured tobacco apply ROYALTAC then ROYAL MH-30 or MH-30, 7 to 10 days later.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture 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 of guidance.

EQUIPMENT CLEANING: ROYALTAC is not corrosive to spray equipment. Following applications, all spray equipment should be thoroughly rinsed with water.

CONTAINER STORAGE AND HANDLING: Store in a cool, dry location. **SHAKE WELL BEFORE USING.** Avoid contamination of foodstuffs, feeds, fertilizers, seeds, plants and pesticides.

CONTAINER DISPOSAL:

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT NOTICE - Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use for this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

® ROYALTAC and ® MH-30 are Registered Trademarks of Uniroyal Chemical Company, Inc.

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