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JAN 11 1994

Willard F. Cummings
Uniroyal Chemical Co., Inc.
74 Amity Rd.
Bethany, CT 06524-3402

Dear Mr. Cummings:

Subject: Revised Labeling
Royal MH-30
EPA Registration No. 400-84
Royal MH-30 SG
EPA Registration No. 400-165 ✓
Your Submissions Dated October 3, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

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

- Title 40 Code of Federal Regulations § 156.10(g) requires that Active Ingredient and Inert Ingredients be of equal prominence. Either delete the bold for Active Ingredient or make **Inert Ingredients** bold.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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

Please note that the recently issued Maleic Hydrazide RED will require further label revisions at time of your 8 month response.

Sincerely yours,

15/
Cynthia Giles-Parker
Product Manager (22)
Fungicide Herbicide Branch
Registration Division (7505C)

Enclosure

**WATER SOLUBLE GRANULE
GROWTH RETARDANT
FOR TOBACCO**

Net contents:

COMPOSITION

Active Ingredient: (% by weight)	
Potassium salt of 1,2-dihydro-3,6-pyridazinedione	80.0%
Inert Ingredients	20.0%
Total:	100.0%

*Contains 60% maleic hydrazide by weight

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove to fresh air.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye injury. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: Long-sleeved shirt and long pants; waterproof gloves; shoes plus socks.

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)(4-5)], 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 apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters.

**UNIROYAL
CHEMICAL**

Uniroyal Chemical Company, Inc., Middlebury, CT 06749

EPA Reg. No. 400-165

EPA Est. No.

005WPS

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all label directions carefully before use.

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.

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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 12 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.

30SG is absorbed and moves into the tobacco plant, spraying the whole plant is not necessary. See APPLICATION NOTES for important additional information.

MIXING INSTRUCTIONS

1. Be sure sprayer is clean and not contaminated with any material.
2. Fill tank $\frac{3}{4}$ full with clean water and start agitation.
3. Pour ROYAL MH-30SG slowly from bag into tank. Avoid dumping all contents at once.
4. Allow 2-3 minutes agitation for dissolving as tank filling is continued.

APPLICATION EQUIPMENT

Best results are obtained when ROYAL MH-30SG is applied to the upper $\frac{1}{2}$ to $\frac{3}{4}$ of the plant. To obtain satisfactory control, it is very important to apply equal amounts of ROYAL MH-30SG to each plant, at the correct time.

Flue-Cured Tobacco

Apply ROYAL MH-30SG with powered spray equipment. Sprayers with 3 full cone nozzles per row, applying either a coarse spray (i.e., 20 to 25 psi) or a fine spray (40 to 50 psi), will give equivalent sucker control. Do not use drop nozzles, since such systems can deposit undesired spray on the underside of the leaves or on the lowest leaves, which are harvested first.

Burley, Maryland, Dark and Cigar (Pennsylvania and Wisconsin) Tobacco

ROYAL MH-30SG may be applied with either power or hand-held spray equipment, provided that a uniform spray pattern is delivered.

RATE AND TIMING OF APPLICATION

Apply the higher rate of ROYAL MH-30SG when plants are very vigorous. Always remove any suckers present at topping time.

Flue-Cured Tobacco

Apply 4 to 5 pounds of ROYAL MH-30SG in 40 to 50 gallons of water per acre as a coarse or fine spray. Application should be made 5 to 7 days after the last contact treatment, or when the uppermost harvestable leaves are a minimum of 8 inches long.

Burley and Maryland Tobacco

Apply 4 to 5 pounds of ROYAL MH-30SG in 40 to 50 gallons of water per acre. Apply ROYAL MH-30SG within 24 hours after topping. Topping should be done when 10 to 25% of the plants in the field have one open flower. Existing suckers should be removed at topping time. Tip leaves to be harvested should be at least 8 inches long at time of topping and spraying.

Dark Tobacco

Apply 4 to 5 pounds of ROYAL MH-30SG in 40 to 50 gallons of water per acre. Apply ROYAL MH-30SG within 24 hours after topping. Topping should be done when 10 to 25% of the plants in the field have one open flower. Existing suckers should be removed at topping time.

Wisconsin Cigar Tobacco

Apply 4 to 5 pounds of ROYAL MH-30SG in 40 to 50 gallons of water per acre. Apply ROYAL MH-30SG within 24 hours after topping. Tobacco should be topped between the time when the first flowers open and not later than when 50% of the plants are in flower. Existing suckers should be removed at topping time.

Pennsylvania Cigar Tobacco

Apply 4 to 5 pounds of ROYAL MH-30SG in 40 to 50 gallons of water per acre. Apply ROYAL MH-30SG within 24 hours of topping. Topping should be done when 25 to 50% of the plants in the field have one open flower. Existing suckers should be removed at topping time.

APPLICATION NOTES

1. Always follow dosage recommendations carefully and spray field uniformly. Too little ROYAL MH-30SG may result in less than desired sucker control; too much may reduce quality of tips.

sucker growth.
4. Compatibility studies with ROYAL MH-30SG and other tobacco chemicals have not been completed. Separate application is recommended.

5. Do not use on tobacco plants grown for seed production.
6. Do not spray tobacco in the middle of hot, dry days when leaves are severely wilted. For best results spray during the early morning, or all day on cloudy days, avoiding late afternoon or night applications.
7. Closely hand-suckered tobacco or tobacco treated with ROYAL MH-30SG will not ripen as rapidly as poorly suckered tobacco. Also, under some conditions ROYAL MH-30SG treated tips have a tendency to turn yellow prematurely. This is not harmful and does not mean that your tobacco is ripe. Therefore, do not harvest tobacco treated with ROYAL MH-30SG by using time and color of the leaves as your only guide to ripeness. Use other characteristics indicative of ripeness such as:
 - a. Fading of color from midrib.
 - b. Change in apparent leaf texture.
8. If tobacco plants have been grown under drought conditions, absorption of ROYAL MH-30SG may be slow, and results may not be as good as when plants have been grown under normal conditions.
9. Allow at least 7 days after application before harvest.
10. Even though ROYAL MH-30SG is non-volatile, no drift should be permitted onto nearby crops.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container only. Store in a secure place that is temperate and dry.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 for guidance.

EQUIPMENT CLEANING: ROYAL MH-30SG is not corrosive to spray equipment. Following applications, all spray equipment should be thoroughly rinsed with water. Do not contaminate water by disposal of equipment washwaters.

CONTAINER DISPOSAL:

Fiber carton with liners or bags: Completely empty liner or bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner or bag in a sanitary landfill, or by incineration if permitted by State and local authorities. Dispose of carton in the same manner.

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 of 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.

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ROYAL MH-30*SG (tobacco)
EPA Reg. No. 400-165

KEY TO CHANGES

(see highlighted copy marked up to indicate changes)

- Ⓐ = Minor rewording of Composition footnote, for consistency with other labels.
- Ⓑ = Minor change in wording, for consistency with other product labels improvement of grammar or syntax.
- Ⓒ = Voluntary addition of precautionary statements, as part of an in-house improvement program.
- Ⓓ = Voluntary addition for clarification.
- Ⓔ = Voluntary referral statement.
- Ⓕ = Revised and reorganized application timing, rate and equipment directions. See attached cover letter for discussion.
- Ⓖ = Combines "Notes" #3 and #9 on previously approved label.
- Ⓗ = Combines "Notes" #10 and #2 on previously approved label.
- Ⓘ = Voluntary reiteration of "washwaters" precautionary statement. Repeat appropriate in this context.