

JAN 17 1995

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

Dear Mr. Cummings:

Subject: Revised Labeling
Royal MH-30 XTRA ✓
EPA Registration No. 400-452
Your Submission 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 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.

Sincerely yours,

/s/

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

**GROWTH RETARDANT — WITH SORBATRAN®
CONTROLS TOBACCO SUCKER GROWTH**

ROYAL MH-30 XTRA contains 2.25 pounds of maleic hydrazide per U.S. gallon compared to 1.5 pound in R

Net contents:

COMPOSITION

Active Ingredient: (% by weight)

Potassium salt of 1,2-dihydro-3,6-pyridazinedione

Inert Ingredients:

Total:

*Contains 2.25 pounds of maleic hydrazide per U.S. gallon

*Contains 270 grams of maleic hydrazide per liter

ACCEPTED
705
Under the Federal Insecticide, Fungicide, and Rodenticide Act, registered under EPA Reg. No. 400-452

**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.

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

Causes moderate eye injury. Harmful if absorbed through skin. Avoid contact with skin, eyes or

PERSONAL PROTECTIVE EQUIPMENT

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

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for cleaning, use mild 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 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 clothes.

**UNIROYAL
CHEMICAL**

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 Company, Inc., Middlebury, CT 06749

EPA Reg. No. 400-452

EPA Est. No.

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.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas until the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted by the Worker Protection Standard and that involves the use of hand tools or equipment that has been treated, such as plants, soil, coveralls, waterproof gloves, shoes plus socks.

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BEST AVAILABLE COPY

(D)

APPLICATION EQUIPMENT

Best results are obtained when ROYAL MH-30 XTRA is applied to the upper 1/4 to 1/2 of the plant. To obtain satisfactory control, it is very important to apply equal amounts of ROYAL MH-30 XTRA to each plant, at the correct time.

Flue-Cured Tobacco

Apply ROYAL MH-30 XTRA 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-30 XTRA 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-30 XTRA when plants are very vigorous. Always remove any suckers present at topping time.

Flue-Cured Tobacco

Apply 1.0 to 1.5 gallons of ROYAL MH-30 XTRA 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 1.0 to 1.5 gallons of ROYAL MH-30 XTRA in 40 to 50 gallons of water per acre. Apply ROYAL MH-30 XTRA 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 1.0 to 1.5 gallons of ROYAL MH-30 XTRA in 40 to 50 gallons of water per acre. Apply ROYAL MH-30 XTRA 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 1.0 to 1.5 gallons of ROYAL MH-30 XTRA in 40 to 50 gallons of water per acre. Apply ROYAL MH-30 XTRA 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 1.0 to 1.5 gallons of ROYAL MH-30 XTRA in 40 to 50 gallons of water per acre. Apply ROYAL MH-30 XTRA 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.

(B)

APPLICATION NOTES

(E)

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

(F)

2. Use only one application of ROYAL MH-30 XTRA per season, unless rains occur within 6 hours after application. Should washoff occur within 6 hours, a single repeat application may be made to ensure effective sucker control.

3. To control tobacco suckers effectively, apply ROYAL MH-30 XTRA at the proper time. Spraying too early in the season may prevent

all day on cloudy days, avoiding late afternoon or night applications.

7. Closely hand-suckered tobacco or tobacco treated with ROYAL MH-30 XTRA will not ripen as rapidly as poorly suckered tobacco. Also, under some conditions ROYAL MH-30 XTRA 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-30 XTRA 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-30 XTRA 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-30 XTRA is non-volatile, no drift should be permitted onto nearby crops.

NOTE: ALWAYS SHAKE OR STIR WELL BEFORE USE.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container only. After partial use, replace lid and close tightly. Store in a secure place that is temperate and dry. Store ROYAL MH-30 XTRA at temperatures above 32°F; storage above 40°F is preferred. The active ingredient in ROYAL MH-30 XTRA will separate from the surfactant at temperatures above 134°F. If containers are exposed to excessive heating, the contents can be remixed by lowering the temperature of the entire formulation below 134°F, and applying agitation. ALWAYS SHAKE OR STIR WELL BEFORE USE.

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-30 XTRA 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: Plastic Containers: Triple rinse (or equivalent). Pressure rinse is preferred. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by 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 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.

® MH-30 is a Registered Trademark of Uniroyal Chemical Company, Inc.

® SORBATRAN is a Registered Trademark of Uniroyal Chemical Company, Inc. for its proprietary spray adjuvant.

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ROYAL MH-30[®]XTRA (tobacco)
EPA Reg. No. 400-452

KEY TO CHANGES
(see highlighted copy marked up to indicate changes)

- Ⓐ = Voluntary addition of precautionary statements, as part of an in-house label 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.
- Ⓖ = Minor change in wording, for consistency with other product labels and/or improvement of grammar or syntax.