

Rough Draft Label 8-10-82.

our Copy.

ACCEPTED
OCT 14 1982
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 716257

NET CONTENTS ONE GALLON (3.79L)

Tobacco States



**MALEIC
HYDRAZIDE**

HIGH CONCENTRATE

A 2lb. Maleic Hydrazide Product
Liquid Growth Retardant for Preventing Growth of Tobacco Suckers

ACTIVE INGREDIENTS:	% by Wt
Potassium salt of 6-hydroxy-3 (2H) Pyridazine*	27.80%
INERT INGREDIENTS:	72.20%
TOTAL	100.00%

*Hereafter called Potassium salt of maleic hydrazide. Equivalent to 26% maleic hydrazide.
One gallon contains 2 pounds of maleic hydrazide

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF SPLASHED IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get a doctor's attention.

IF SPILLED ON SKIN: Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.

SEE OTHER SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 716257-N

EPA Est. No. 226KV-1

TOBACCO STATES CHEMICAL CO., INC.
LEXINGTON, KENTUCKY 40503

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BEST DOCUMENT AVAILABLE

336-N7

Baldface Caps

M77402 at 40° F or Above

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Caution

HARMFUL IF SWALLOWED: Avoid breathing of spray mist. Avoid contact with skin and eyes. Wear regular long sleeved work clothing when applying product. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from area treated.

DIRECTIONS FOR USE

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

To Prevent Sucker Development on Burley and Flue Cured Tobacco: 2K-MH, a plant inhibitor, offers a new method of controlling sucker growth by keeping suckers from growing rather than by killing them. Since 2K-MH is absorbed and moves inside the tobacco plant, spraying the whole plant is not necessary. Best results are obtained by spraying the upper 1/3 to 1/2 of the plant. It is very important to apply equal amounts of 2K-MH to each plant at time of topping.

2K-MH normally requires 8 hours contact with the plant for full results. Rain occurring within 8 hours of spraying reduces the effectiveness. Also, extremely dry weather conditions reduces the optimum effect.

- When to Spray:** Satisfactory sucker control depends on correct timing of the spray.
- a. If all plants flower at about the same time, proceed as follows: As soon as the plants are in Full Flower, top, pull all suckers from early maturing plants and spray 2K-MH uniformly onto the entire field within 74 hours after topping (see notes 1-11).
 - b. If there is a wide range in the time of flowering, the following procedure should be used:
 1. Go through the field and top the few early-flowering plants.
 2. Wait until the remaining plants are in Full Flower, top them, remove all suckers from the entire field, and apply 2K-MH within 24 hours after topping (see notes 1-11). Top leaves to be harvested should be at least 6 inches long at time of spraying.
- How to Spray:** 2K-MH may be applied with either tractor or mule drawn insecticide sprayer, or with a compressed air shoulder sprayer.
- a. Tractor or mule drawn insecticide sprayers. Any number of nozzles may be used. Can be applied in the same manner as insecticide, spraying one or more rows at a time, wetting upper 1/3 to 1/2 of plant.
 - b. Compressed air shoulder sprayer with single nozzle spraying a wide cone. Spray one side of each tobacco row while walking at a constant rate. Use up and down motion of spray nozzle to moisten upper 1/3 to 1/2 leaves of each plant. Apply equal amounts of spray to each plant.

Baldface caps

Burley, Flue Cured, Cigar (Pennsylvania and Wisconsin) Maryland Tobacco

→ *Apply to Sucker or Stem Well by Inva. Using*

Amount to Use: Flue cured burley, cigar (Pennsylvania and Wisconsin) and Maryland tobacco - apply 3 to 1 1/2 pints per 1000 plants or 1 to 1 1/2 gallons per 8,000 plants per acre. Example: Use 3 to 4 1/2 quarts of 2K-MH for 6,000 plants per acre. Use not less than 20 gallons of water per acre (from 20 to 50 gallons of water per acre can be used - see note 9).

Dark Tobacco - apply 2 1/4 pints of 2K-MH per 1,000 plants or use 2 1/4 gallons per 8,000 plants. Example, use 5 3/4 quarts of 2K-MH for 6,000 plants per acre. Use not less than 20 gallons of water per acre (from 20 to 50 gallons of water per acre can be used - see note 9).



226-257

NOTES - TOBACCO

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1. To control tobacco sucker growth apply 2K-MH at the proper time. Too early spraying may prevent normal development of top leaves. Too late spraying will allow sucker growth. FULL FLOWER is the stage when 80% of your plants have begun to shed their first flowers.
2. Should wash off sucker within 6 hours, a single repeat application may be made.
3. At 40°F and below, the formulation will form solids. It readily redissolves, but must be sprayed ⁵⁰at 40°F or above. The larger the container the more time is needed to completely redissolve the formulation.
4. Follow dosage recommendations carefully, spray field uniformly and do not use less than the minimum amount of water recommended on tobacco.
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 early morning or late afternoon on cloudy days, avoiding the late afternoon or night applications. Use a nozzle delivering a fine mist spray. Do not use a broad jet type of nozzle.
7. Densely hand suckered or 2K-MH treated tobacco will not ripen as rapidly as poorly suckered tobacco. Also, under some conditions 2K-MH treated tops have a tendency to turn yellow prematurely. This is not harmful and does not mean that your tobacco is ripe. Therefore, do not harvest 2K-MH treated tobacco 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 2K-MH will be slow and results may not be as good as plants grown under more favorable moisture conditions.
9. Too little 2K-MH will result in less than desired control. Too much is wasteful and may cause burning of leaves and may reduce quality of tops.
10. It is not corrosive to spray equipment. It does not offer dirt problems on nearby crops.
11. Rinse spray equipment with water after application. Do not contaminate water supplies by cleaning of equipment or disposal of waste.
12. Use only one application of 2K-MH per season.
13. Allow at least 7 days after application before harvest.

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STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures under Section C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning or dispose of in a sanitary landfill, or by incineration if allowed by State or local authorities.

WARRANTY - CONDITION OF SALE

DIRECTIONS FOR USE of this product are based on field use and are believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors are all beyond the control of the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

Tobacco Stores Chemical Co., Inc., **MAKES NO WARRANTY OR MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED,** concerning this product or its use, which extend beyond the statements on this label.

