

DIRECTIONS FOR USE

To prevent sucker development on flue cured, burley, dark fire, Maryland and cigar (Pennsylvania and Wisconsin) tobacco.

Sucker Stymie Plus is a new formulation of maleic hydrazide used to prevent sucker development in tobacco. Since Sucker Stymie Plus 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 Sucker Stymie Plus to each plant at the correct time to obtain satisfactory sucker control.

WHEN TO SPRAY

FOR FLUE CURED, BURLEY, DARK FIRE AND MARYLAND TOBACCO

1. 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 Sucker Stymie Plus uniformly onto the entire field within 24 hours after topping. (See notes 1-9)
2. If there is a wide range in the time of flowering, the following procedure should be used:
 - a. Go through the field and top the few early-flowering plants.
 - b. Wait until the remaining plants are in full flower, top them, remove all suckers from the entire field, and apply Sucker Stymie Plus within 24 hours after topping. (See notes 1-9).
 Tip leaves to be harvested should be at least 6 to 8 inches long at time of spraying.

FOR PENNSYLVANIA CIGAR TOBACCO

1. If your field flowers uniformly: a. Top when about 1/3 to 1/2 of your plants show one or more open flowers on each head. b. Wait three days after topping. c. Spray Sucker Stymie Plus. For best results Sucker Stymie Plus should be sprayed on dry or nearly dry leaves. Avoid spraying on leaves covered with dew.
2. If your field doesn't flower uniformly: a. When flowering in your field is particularly uneven you should top when about 50 to 60 percent of the plants show one or more open flowers per head. b. Wait three days after topping and remove by hand any suckers more than two inches long. c. Spray Sucker Stymie Plus over your entire field.

FOR WISCONSIN CIGAR TOBACCO

1. Top the field when most of the plants in your field are in full flower.
2. Remove, by hand, any suckers larger than one or two inches.
3. Spray within 24 hours after topping and removal of suckers.

HOW TO SPRAY - Sucker Stymie Plus may be applied with either tractor or mule-drawn insecticide sprayer, or with a compressed air shoulder sprayer.



ACCEPTED

MAR 8 1971

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER
ED UNDER NO. 118,000

SUCKER STYMIE PLUS

GROWTH RETARDANT

CONTROLS SUCKER GROWTH IN TOBACCO

ACTIVE INGREDIENTS:

Potassium salt of 1,2-dihydro-3,6-pyridazinedione. . . 18.80%

INERT INGREDIENTS: 81.20%

TOTAL 100.00%

Equivalent to 14 Maleic Hydrazide or 1.5 lbs. maleic hydrazide per gallon.

CAUTION: KEEP OUT OF THE REACH OF CHILDREN

See other warnings on side panel

Distributed By Smith-Douglas
Division of Borden Chemical, Borden Inc.
Norfolk, Va.

1. Tractor or mule-drawn insecticide sprayer. Can be applied in the same manner as in upper 1/2 to 1/3 of plant.
2. Compressed air shoulder sprayer with six each tobacco row while walking at a pace to moisten upper 5 to 8 leaves of each plant.

AMOUNT TO SPRAY - Apply the indicated amount per acre; do not use less than 20 gallons of

For flue cured, burley, cigar (Pennsylvania) of Sucker Stymie Plus per 100 plants. 100 plants per acre.

For dark tobacco: Apply 30 gallons of Sucker Stymie Plus per 100 plants.

OTHER NOTES:

1. To control tobacco suckers, apply Sucker Stymie Plus prevent normal development of top leaves FULL FLOWER is the stage when 60% of your plants are in flower.
2. Suckers occurring within 12 days after spray.
3. Follow dosage recommendations carefully, gallons of water per acre.
4. For additional studies on Sucker Stymie Plus separate application is recommended.
5. Do not use on tobacco plants less than 12 weeks old.
6. Do not spray tobacco plants less than 12 weeks old.
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AND FUNGICIDE ACT
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PLUS

OBACCO

18.80
81.20
100.00

hydrazide

ILDREN

1. Tractor or pole-mounted sprayers. Any number of nozzles may be used. (See note 6). Can be applied in the same manner as insecticide, spraying one or more rows at a time, wetting upper 1/2 to 3/4 of plant.
2. Compressed air sprayer with single nozzle spraying a wide cone. Spray one side of each tobacco row and walking at a constant rate. Use up and down motion of spray nozzle to moisten upper 1/2 to 3/4 of leaves of each plant. Apply equal amounts of spray to each plant.

AMOUNT TO SPRAY - apply the indicated amounts of Sucker Styrie Plus in 20 to 50 gallons of water per acre; do not use less than 20 gallons of water per acre.

For flue-cured, burley, cigar, cream, Virginia, Wisconsin and Maryland tobacco: Apply 1.5 pints of Sucker Styrie Plus per 1,000 plants. Example: use 1.5 gallons Sucker Styrie Plus for 8,000 plants per acre.

For dark tobacco: Apply 3.0 pints of Sucker Styrie Plus per 1,000 plants. Example: use 3.0 gallons Sucker Styrie Plus for 8,000 plants per acre.

WIND

WINDS - BLOW ON SIDE WILL BEFORE USE

1. To control tobacco suckers apply Sucker Styrie Plus at the proper time. Too early spraying may prevent normal development of top leaves. Too late spraying will allow some sucker growth. FIRST FLOWER is the stage when 90% of your plants have begun to shed their first flowers.
2. Rain occurring within 12 hours after spraying may reduce effectiveness.
3. Follow label recommendations carefully. Treat field uniformly and do not use less than 20 gallons of water per acre.
4. No compatibility studies with Sucker Styrie Plus and tobacco insecticides have not been completed. Separate application is recommended.
5. Do not use on tobacco plant when top is in production.
6. Do not spray tobacco in the field at night, or when leaves are severely wilted. For best results spray when early morning, midday or cloudy day, avoiding the late afternoon or night applications. Do not use if conditions are too dry. Do not use broad net type of spray.
7. Closely spaced suckers or suckers on the side of a tobacco plant will not ripen as rapidly as poorly spaced tobacco. Also, under some conditions Sucker Styrie Plus treated tips have a tendency to turn yellow prematurely. This is not unusual and does not mean that your tobacco is ripe. Therefore, do not harvest tobacco until the tobacco has attained the color and color of the leaves as your only guide to ripeness. Use other characteristics indicative of ripeness such as:

- a. Fading of color from bright.
- b. Change in apparent leaf texture.

8. If tobacco plants have been in an under drought conditions, absorption of Sucker Styrie Plus will be slow and results may not be as good as plants treated under normal conditions.
9. Too little Sucker Styrie Plus will result in less than desired control; too much reduces quality of tips.
10. Sucker Styrie Plus is not corrosive to spray equipment. Following applications, all spray equipment should be thoroughly rinsed with water.
11. Even though Sucker Styrie Plus is non-volatile, no drift should be permitted onto nearby crops. Particular care should be taken to prevent drift when aerial applications are being made.
12. The active ingredient in Sucker Styrie Plus will separate from the surfactant at temperatures above 130°F. If containers are exposed to excessive heating, the contents can be remixed by lowering the temperature of the entire formulation below 130°F and applying agitation.

CAUTION

AVOID INHALATION OF VAPOR, AVOID CONTACT WITH SKIN, EYES OR CLOTHING - MAY BE HARMFUL IF SWALLOWED. This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of waste.

OTHER INFORMATION

Chop holes top and bottom. Burn 10" below soil surface at safe disposal site. Never reuse for food or water.

SELLER: 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 directions under normal conditions of use, but seller makes no WARRANTY OF MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE or any other warranty, express or implied, except as herein stated. Seller's liability is limited to the purchase price of the product and this shall be the buyer's only remedy. Buyer assumes the risk of use of this product contrary to label instructions, carelessly, or under conditions not intended by or reasonably foreseeable to seller.

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