

# SUPER DE-SPROUT

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

Do not inhale mist. Avoid contact with eyes, skin, clothing. Ingestion by mouth may be harmful.

**SHAKE WELL BEFORE USING**

If not used in accordance with directions, plant injury, excessive residues, or other undesirable results may occur.

**ACTIVE INGREDIENT (Percent by weight):**

Potassium salt of  
1,2-Dihydro-3,6-pyridazinedione 21.7%  
INERT INGREDIENTS 78.3%

\*Hereinafter called potassium salt of maleic hydrazide. Each gallon of product contains 1½ lbs. maleic hydrazide equivalent.

Read label carefully  
before using  
this product.

MADE IN U.S.A.  
USDA REG. NO. 10337-3



NET CONTENTS: 1 GALLON (128 FL. OZ.)

A PRODUCT OF

## Fairmount

CHEMICAL CO., INC.

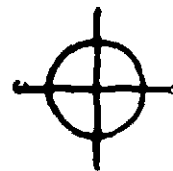
117 BLANCHARD ST.

NEWARK, N. J.

ACCEPTED

4-16-70

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC CONTROL OF PESTS  
REGISTERED UNDER NO. 10337-3



## DIRECTIONS

SUPER DE-SPROUT is a tailor-made formulation exclusively for tobacco use. The active ingredient is the time-tested and classic growth retardant, Maleic Hydrazide, in the form of the potassium salt. This formulation contains an agricultural surfactant (wetting agent) to facilitate better "sticking"—especially under adverse weather conditions. It is necessary to apply SUPER DE-SPROUT at the correct time, in the correct amounts, and in equal amounts to each plant, in order to obtain the optimum sucker control. Only the upper 1/3 to 1/2 of the plant needs to be sprayed for best results. SUPER DE-SPROUT is absorbed by the tobacco leaves and spreads throughout the entire plant. Please follow directions carefully.

## SPRAY APPLICATION

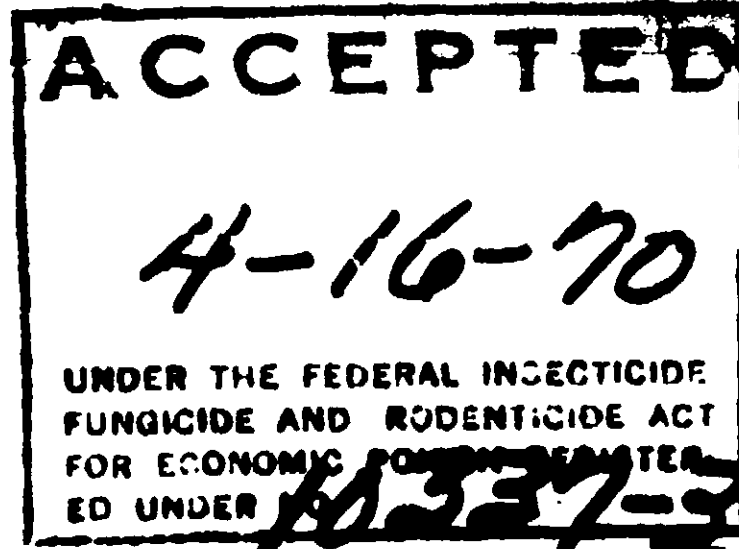
SUPER DE-SPROUT can be applied by tractor or animal-drawn sprayer or with a compressed-air shoulder spray. Any number of nozzles may be used and it can be applied in the same manner as insecticides. Spray one or more rows at a time, wetting only the upper one-third to one-half of the plants. When using a compressed-air shoulder sprayer with a single nozzle, spray one side of each tobacco row while walking at a constant rate, using a uniform motion to wet the upper 6 or 8 leaves of each plant and apply equal amounts of spray to each plant. Make sure to use a nozzle that delivers a fine, mist spray. Do not use a broad jet type of spray. Apply SUPER DE-SPROUT in 20 to 50 gallons of water per acre. DO NOT use less than 20 gallons of water per acre. For burley, flue-cured, cigar (Pennsylvania and Wisconsin) and Maryland tobacco, use 1-1/3 gallons of SUPER DE-SPROUT per 6000 plants per acre or 1-1/2 gallons of SUPER DE-SPROUT per 8000 plants per acre. For dark tobacco, use double the above amounts—example, use 2-2/3 gallons of SUPER DE-SPROUT per 6000 plants per acre, or 3 gals. per 8000 plants per acre.

## FLUE-CURED, BURLEY, DARK FIRE, MARYLAND TOBACCO

When all plants flower at the same time, wait until the plants are in full flower, then top and pull all suckers from the early-maturing plants and within 24 hours after topping, spray SUPER DE-SPROUT onto the entire field. "Full flower" is the stage when 90% of the plants have started shedding their first flowers. If the plants flower over a wide range of time, then top the early-flowering plants. When the remaining plants are in full flower, top them and remove the suckers from the entire field, then spray SUPER DE-SPROUT within 24 hours after topping. The tip leaves to be harvested should be at least 6 to 8 inches long at the time of application of SUPER DE-SPROUT.

## PENNSYLVANIA CIGAR TOBACCO

If the field flowers uniformly, then top when 1/4 to 1/2 of the plants show one or more open flowers on each head. Apply SUPER DE-SPROUT on dry or nearly dry leaves 3 days after topping. Do not spray on leaves covered with dew. If the flowering of the field is not uniform, top when 50 to 60 per cent of the plants show one or more open flowers per head, then wait 3 days and remove by hand any suckers more than 2 inches long, then apply SUPER DE-SPROUT over the entire field.



## WISCONSIN CIGAR TOBACCO

When most of the plants are in full flower, top the field and remove by hand all suckers SUPER DE-SPROUT onto the entire field within 24 hours after topping.

## NOTES

1. Do not use on seed tobacco.
  2. Do not mix with insecticides or other chemicals—make separate applications.
  3. Do not allow drift to nearby crops.
- SUPER DE-SPROUT normally requires 10-12 hours contact with the plant for full results. 10-12 hours of spraying reduces the effectiveness. Also extremely dry weather conditions reduce the effectiveness. Do not harvest the tobacco until it is fully ripe. When tobacco has been properly treated with SUPER DE-SPROUT and is closely hand-suckered, it will not ripen as rapidly as untreated tobacco. Under certain conditions with SUPER DE-SPROUT tend to turn yellow prematurely. This does not mean that the tobacco has been harmed. Do not use time and color of the leaves as the only guide to the ripeness of tobacco. Use other characteristic indications of ripeness, such as the change in the leaf color from the mid-rib. Premature harvesting causes poor tobacco leaves. Leaving one row be helpful in determining when the treated tobacco is ripe. Best results are obtained when SUPER DE-SPROUT is applied on humid mornings after the dew has dried from the plants. Avoid application of SUPER DE-SPROUT during the hot, mid-day or afternoon sun. It is important to use the correct amount of SUPER DE-SPROUT and to follow directions much of it. Too little will not achieve the proper sucker control. Rinse the spray tank and equipment well with water after spraying but do not contaminate equipment or disposal of wastes. SUPER DE-SPROUT reacts slowly on plants grown under drought conditions and the results on plants treated under normal conditions.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water, or disposal of wastes. Apply this product only as specified on this label.

## CONTAINER DISPOSAL

Fill container with holes in top, sides, and bottom, and bury about 18" below the ground. Never reuse container for other purposes, especially food or water.

## DIRECTIONS

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## BY APPLICATION

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## DARK FIRE, MARYLAND TOBACCO

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## FLORIDA CIGAR TOBACCO

of the plants show one or more open flowers on each head. Apply s after topping. Do not spray on leaves covered with dew. m 50 to 60 per cent of the plants show one or more open flowers y suckers more than 2 inches long, then apply SUPER DE-SPROUT

## WISCONSIN CIGAR TOBACCO

When most of the plants are in full flower, top the field and remove by hand all suckers larger than 1 inch. Apply SUPER DE-SPROUT onto the entire field within 24 hours after topping.

## NOTES

1. Do not use on seed tobacco.
  2. Do not mix with insecticides or other chemicals—make separate applications.
  3. Do not allow drift to nearby crops.
- SUPER DE-SPROUT normally requires 10-12 hours contact with the plant for full results. Rain occurring within that 10-12 hours of spraying reduces the effectiveness. Also extremely dry weather conditions reduce the optimum effect. Do not harvest the tobacco until it is fully ripe. When tobacco has been properly treated with SUPER DE-SPROUT, or closely hand-suckered, it will not ripen as rapidly as untreated tobacco. Under certain conditions tobacco tips treated with SUPER DE-SPROUT tend to turn yellow prematurely. This does not mean that the tobacco is ripe or that it has been harmed. Do not use time and color of the leaves as the only guide to the ripeness of SUPER DE-SPROUT-treated tobacco. Use other characteristic indications of ripeness, such as the change in the leaf texture and the fading of color from the mid-rib. Premature harvesting causes poor tobacco leaves. Leaving one row of tobacco untreated can be helpful in determining when the treated tobacco is ripe. Best results are obtained when SUPER DE-SPROUT is applied on humid mornings after the dew has disappeared from the plants. Avoid application of SUPER DE-SPROUT during the hot, mid-day or afternoon sun. It is important to use the correct amount of SUPER DE-SPROUT and to follow directions carefully. Do not use too much of it. Too little will not achieve the proper sucker control. Rinse the spray tank and equipment well with water after spraying but do not contaminate natural waters by cleaning of equipment or disposal of wastes. SUPER DE-SPROUT reacts slowly on plants grown under drought conditions and the results may not be as good as on plants treated under normal conditions. This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

## CONTAINER DISPOSAL

Fill container with holes in top, sides, and bottom, and bury about 18" below the ground surface at a disposal site. Never reuse container for other purposes, especially food or water.