

U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Program Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460

Number: 19713-

EPA Reg.

Date of Issuance:

37i

MAY 2 4 1993

NOTICE OF PESTICIDE:

x Registration Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:

Drexel Sucker Stuff 60 WS

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company P.O. Box 9306 Memphis, TN 38109

Mote: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally egistered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
- Make the following label changes listed below before you release the product for shipment:
 - Add the phrase, "EPA Reg. No. 19713-371".
 - Update the Environmental Hazards Statement to include the following:

For terrestrial uses, 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.

Refer to PR Notice 93-3.

Signature of Approving Official:	Date:
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EPA Form 8570-6

page 2 EPA Req. No. 19713-371

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K, specifically § 156.200(c)(3): "No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994."

Cynthia Giles-Parker Product Manager (22) Fungicide-Herbicide Branch Registration Division (H7505C)

Enclosure

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Under the Federal Insecticide Faregicide, and Rodenticide Act as unended, for the pesticide Region red under EPA Reg. No. 19413-311

1/15/93

DREXEL_ SUCKER STUFF 60 WS

A Water-Soluble Growth Retardant For The Control of Suckers In Tobacco. Its systemic activity controls sucker growth by keeping suckers from growing rather than by killing them.

ACTIVE INGREDIENT:

Potassium Salt of 6-hydroxy-3-(2H)pyridazinone*....... INERT INGREDIENT: .

TOTAL

*Hereafter called potassium salt of maleic hydrazide. Product contains 60% Maleic Hydrazide by weight.

CAUTION KEEP OUT OF REACH OF CHILDREN

See Side Panel For Additional Precautionary Statements Read Entire Label Before Using This Product

EPA REG. NO. 19713-EPA EST. NO.

NET CONTENTS: 2 X 1.875 LBS.

PRECAUTIONARY STATEMENTS Hazards To Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Causes moderate eye injury. Harmful if swallowed. Avoid breathing dust or spray mist. Avoid contact with skin, eyes or clothing. Wear, regular long-sleeved work clothing when applying this product. Wash thoroughly after handling with soap and water. Remove and wash contaminated clothing before reuse. Wear long-sleeved shirt, long pants, and chemical resistant gloves at all times when mixing, loading, handling or applying this chemical. DO NOT apply this product in such a manner as to directly or through drift expose workers or, '', other persons. The area being treated must be vacated by unprotected persons.

DREXEL CHEMIAL COMPANY 2487 PENNSYLVANIA ST MEMPHIS, TN 38109

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STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Canter. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. DO NOT induce vomiting or give anything by mouth to an unconscious person. If In Eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists. If On Skin: Immediately remove contaminated clothing, including shoes and wash skin with soap and plenty of water. Get medical attention.

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.

FARMWORKER SAFETY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must inform workers of areas or fields that may not be entered without SPECIFIC PROTECTIVE CLOTHING until sprays have dried, and appropriate actions to take in case of accidental exposure, as described under Precautionary Statements on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: CAUTION. Area treated with SUCKER STUFF 60 WS on (date of application). DO NOT: enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, flush eyes or ' skin with plenty of water. Call a physician if irritation, persists. Remove and wash contaminated clothing before reuse.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system.

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To Prevent Sucker Development on Flue-cured, Burley, Dark-Fired, Maryland, and Cigar (Pennsylvania and Wisconsin) Tobacco.

Since Maleic Hydrazide is absorbed and moves inside the tobacco plant, spraying the whole plant is not necessary. Best results can be obtained by spraying the upper 1/3 to 1/2 of the plant. It is very important to apply equal amounts of SUCKER STUFF 60 WS to each plant at the correct time to obtain satisfactory control.

When to Spray: Flue-Cured, Burley, Dark-Fired and Maryland Tobacco

- 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 and spray SUCKER STUFF 60 WS uniformly on the entire field within 24 hours after topping (see notes 1-8).
- 2. If there is a wide range in the time of flowering, the following procedure should be used:
 - a. Go through field and top the few early-flowering plants.

When to Spray: Pennsylvania Cigar Tobacco

- 1. If your field flowers uniformly:
 - a. Top when about 1/4 to 1/2 of your plants show one or more open flowers on each head.
 - b. Wait three days after topping.

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- c. Spray SUCKER STUFF 60 WS. For best results, SUCKER STUFF 60 WS should be sprayed on dry or nearly dry leaves. Avoid spraying on leaves with dew.
- If your field does not flower uniformly:

 a. When flowering in your field is particularly uneven,
 you should top when 50% 60% of the plants show one or
 more open flowers per head.

 b. Wait three days after topping and remove by hand all suckers.

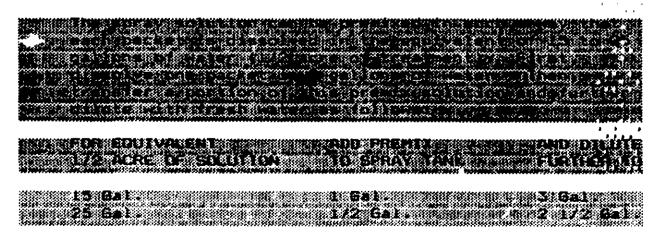
c. Spray SUCKER STUFF 60 WS over your entire field.

When To Spray: Wisconsin Cigar Tobacco

- 1. Top field when most of the plants in your field are in full flower.
- 2. Remove by hand all suckers.
- Spray within 24 hours after topping and removal of suckers.

How to Spray: SUCKER STUFF 60 WS may be applied with either tractor drawn conventional sprayer or with a compressed air shoulder sprayer.

- 1. Tractor-Drawn Sprayer: Any number of nozzles may be used (see note 5). SUCKER STUFF 60 WS can be applied in the same manner as insecticides, spraying one or more rows at a time, wetting the upper 1/3 to 1/2 of plant.
- 2. Compressed Air Shoulder Sprayer: Spray one side of each tobacco row while walking at a constant rate. Use an up and down motion of spray nozzle to moisten the upper 1/3 to 1/2 of each plant. Apply equal amounts of spray to each plant.



Amount of Spray to Use: Apply the recommended amounts of SUCKER STUFF 60 WS in 30-50 gallons of water per acre. DO NOT USE less than 30 gallons of water per acre.

APPLICATION RATES:

For Flue-Cured, Burley, Cigar (Pennsylvania or Wisconsin) and Maryland Tobacco: Use 2 packets of SUCKER STUFF 60 WS per acre.

For Dark Tobacco - Use 4 packets of SUCKER STUFF 60 WS per acre.

NOTE:

- 1. To control tobacco suckers apply SUCKER STUFF 60 WS at the proper time. Spraying too early may prevent normal development of top leaves. Spraying too late will allow some sucker growth. "Full Flower" is the stage when 90% of your plants have begun to shed their first flowers.
- Rains occurring within 6 hours after spraying tobacco may reduce effectiveness. Should wash-off occur within 6 hours of application to tobacco, a single repeat application may be made.
- Follow dosage recommendations carefully, spray field uniformly and do not use less than the minimum amount of water recommended per acre on tobacco.
- 4. Do not use on tobacco plants grown for seed production.
- 5. Do not spray tobacco on hot, dry days when leaves are severely wilted or when crop is under stress. For best results, spray during early morning, all day on cloudy days, avoiding late afternoon or night applications. (Use a nozzle delivering a fine mist spray. Do not use a broad jet type spray).
- 6. Closely hand-suckered or SUCKER STUFF 60 WS treated tobacco will not ripen as rapidly as poorly suckered tobacco. Also, under some conditions, SUCKER STUFF 60 WS 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 SUCKER STUFF 60 WS by using time and the color of the leaves as your only guide to interess. Use other characteristics indicative of ripeness such as (a) fading of color from midrib (b) change in apparent leaf texture.
- 7. If tobacco plants have been grown under drought conditions, absorption of SUCKER STUFF 60 WS will be slow and results may be less satisfactory than plants grown under more favorable moisture conditions.

- B. Too little SUCKER STUFF 60 WS will result in less than desired control. Too much is wasteful, may cause burning of leaves, and may reduce quality of tips.
- SUCKER STUFF 60 WS is not corrosive to spray equipment.
- 10. Rinse spray equipment with water after application. Do not contaminate water supplies by cleaning of equipment or disposal of wastes.
- 11. Use only one application of SUCKER STUFF 60 WS on tobacco per season.
- 12. Allow at least 7 days after application before harvest of tobacco.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS

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Do not allow runoff to enter sewer or contaminate water supplies.

5) Dispose of wastes.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.



WARRANTY

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyers assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

LABEL FOR WATER-SOLUBLE PACKET

SUCKER STUFF 60 WS

ACTIVE INGREDIENT:

Potassium Salt of 6-hydroxy-3-(2H)-
pyridazinone
INERT INGREDIENT: 20%
TUTAL
COULTON

Caution KEEP Out of Reach of Children

Read Entire EPA-Approved Label on Outer Bag

EPA REG. NO. 19713-

NET CONTENTS: 1.875 LBS.

EPA EST. NO.