

PM 22

19713-2

10/8/98

page 1 of 3

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-95

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number
		<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company/Product Number 19713-2	2. EPA Product Manager Ms. Cynthia Giles-Parker	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DREXEL SPROUT STOP	PM# Fungicide Branch	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company, 1700 Channel Avenue MEMPHIS, TN 38113 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ OCT 8 1998 Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated <u>7/22/98</u>	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

We are submitting, herewith, five (5) copies of the draft label (2SP-0998) of the above product revised as per your letter of July 22, 1998 for your kind acceptance.

Thank you..

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification must be submitted	<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name LUZ G CHAN	Title REGISTRATION MANAGER	Telephone No. (Include Area Code) (901) 774 4370
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Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title REGISTRATION MANAGER		
4. Typed Name LUZ G CHAN	5. Date July 29, 1998		

2 9 3

NOTIFICATION

OCT 8 1998



Sprout Stop[®]

Liquid Growth Retardant

For preventing the sprouting of potatoes and onions.

ACTIVE INGREDIENT:

Potassium salt of 6-hydroxy-3-(2H)-pyridazinone* 30.2%

OTHER INGREDIENTS: 69.8%

TOTAL: 100.0%

*Hereafter called potassium salt of maleic hydrazide.
Product contains 2.25 pounds maleic hydrazide equivalent per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Practical Treatment (FIRST AID) Below

EPA Reg. No. 19713-2

EPA Est. No. 19713-TN-1

Net Contents: _____

PRACTICAL TREATMENT (FIRST AID)

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

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. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing dust, vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks and waterproof gloves.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

SURFACE WATER ADVISORY: Under some conditions, maleic hydrazide may have a significant potential for runoff into surface water (primarily via dissolution in runoff water), for several days post-application. Conditions favoring runoff include poorly drained soils or wet soils with readily visible slopes, frequently flooded areas, areas where an intense or sustained rainfall is forecast to occur within 48 hours, areas overlying extremely shallow ground water and areas overlying tiles drainage systems that flow to surface water.

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. 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 with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), restricted entry interval (REI) and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval of 12 hours.

Personal Protective Equipment required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soils or water is: Coveralls, waterproof gloves and shoes plus socks.

TO CONTROL SPROUTING OF ONIONS IN STORAGE: Apply 5½ to 7 pints SPROUT STOP in 100 to 150 gallons of water per acre with a ground sprayer. Airplane application can also be made. The spray should be applied when the bulbs are fully mature, have five to eight green leaves and necks soft enough for the tops to fall if they have not already done so. The spray is often applied when 50% of the tops are still green. This condition usually occurs about two weeks to 10 days before harvest time. Green tops are essential for the absorption of this product.

PRECAUTION: Avoid spraying edible onions too early. Spongy bulbs might result if spraying is done earlier than two weeks before maturity.

TO CONTROL SPROUTING POTATOES IN STORAGE: Apply 1 to 1½ gallons of this product in 30 to 150 gallons of water per acre by ground equipment. Airplane application can be made in irrigated sections of the country.

Check your field to see if you have a good set of potatoes. This product is applied when most of the tubers set are approximately one inch in diameter. This occurs when the few lower leaves show a yellow color. In areas where potatoes flower uniformly this is one week



Manufactured By:

Drexel Chemical Company

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972

after blossoms fall off the vine, usually in August about 4 to 6 weeks before harvest. (See Notes 1 and 2.)

TO CONTROL WILD ONIONS AND WILD GARLIC IN LAWNS AND GRASS AREAS ALONG HIGHWAYS (NOT PASTURE OR CROPLAND): Apply 1 1/3 to 2 2/3 gallons of this product in 20 to 100 gallons of water per acre in Spring or Fall when about 90 to 95% of the bulbs have started regrowth. Use on lawns only when grass is brown and dormant. Do not use on home lawns except along the edges.

TO INHIBIT GRASS GROWTH: Apply this product to green grass since brown grass will not absorb the spray. Use of this product is limited to one application per year made either in the Fall or the Spring followed by correct maintenance procedures to produce required turf growth control.

SPRING APPLICATION (About April 10 to June 1)—Use 1 3/4 gallons of this product in 50 gallons of water per acre to reduce or eliminate mowing.

FALL APPLICATION (About October 1 to November 15)—Use 2 1/4 gallons of this product in 50 gallons of water per acre to reduce growth next season. The Fall treatment is applied to green grass before it becomes dormant.

DO NOT APPLY DURING THE SUMMER (June 1 to September 25) since most permanent grasses become partially dormant in Summer.

USE OF 2,4-D: 2,4-D may be used with this product when control of broadleaf weeds is desired in turf. A low volatile ester or amine salt formulation is compatible with this product. In some areas weeds may emerge after this product is applied. A second application of 2,4-D would be necessary to control these weeds. Use 2,4-D only on grasses recommended by the manufacturer's label. Follow manufacturer's label when handling or spraying 2,4-D to prevent drift.

FOR INDUCING DORMANCY IN YOUNG NON-BEARING CITRUS TREES IN FL: This product, by inducing dormancy, offers protection against frost damage down to 21° F in recent experiments. Add 5 pints of this product to 100 gallons water and spray with coarse cone nozzle between November 1 to 15. Apply at a rate of 60 to 100 gallons of spray solution per acre, depending on the size of the trees. Apply the higher rate to larger trees, the lower rate to smaller trees. The spray should thoroughly wet upper and lower leaf surfaces, branches and trunks of trees. A second treatment may be necessary in 6 to 8 weeks if unusually warm weather persists during November and December. Periodically check for bud swell which indicates that regrowth is occurring and respray if swelling of buds occurs. Do not spray trees at least 24 hours before rain. Rain occurring within 24 hours after application will reduce effectiveness. This product sprayed citrus trees may show a delay of regrowth in Spring for several weeks if the Winter remains cold. The first new growth of foliage may be slightly "Frenched" or narrow leaved, but subsequential growth will be normal.

Notes:

1. Spray potatoes at least 24 hours before rain. Rain occurring within 24 hours after application will reduce effectiveness.
2. Do not use this product on potato plants grown for seed production.
3. For control of wild onions and garlic do not apply to young seedlings less than one season old. Do not pasture livestock in or cut hay from treated areas.
4. This product is not corrosive to spray equipment. Even though this product 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.
5. Rinse spray equipment with water after application. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **STORAGE INSTRUCTIONS:** Storage should be under lock and key in a ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from heat or ignition source. Do not stack containers over 2 pallets high. Move containers by handles or case. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled follow these steps:

1. Contain spill, absorb with a material such as saw dust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with soap and water to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow runoff to enter sewer or contaminate water supplies
7. Dispose of waste as indicated below:

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

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

WARRANTY—CONDITION OF SALE

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. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. In no case shall the Manufacturer 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 the Seller and is accepted as such by the Buyer.

SPROUT STOP® is a registered trademark of Drexel Chemical Company.