

400-518

2/1/2005

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|  <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE:</p> <p><input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)</p> | <p>EPA Reg. Number: 400-518</p> | <p>Date of Issuance: FEB 1 2005</p> |
| | <p>Terms of Issuance: Conditional</p> | |
| | <p>Name of Pesticide Product: Procure® 480SC</p> | |
| <p>Name and Address of Registrant (include ZIP Code): Crompton Corporation 74 Amity Road Bethany, CT 06524-3402</p> | | |
| <p>Note: 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.</p> | | |
| <p>On the basis of information furnished by the registrant, this product is conditionally registered under the Federal Insecticide, Fungicide and Rodenticide Act as amended. 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.</p> <p>This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you comply with the conditions of registration specified on page 2. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions</p> <p>The basic Confidential Statement of Formula dated January 10, 2005 is acceptable. A copy of your label stamped "Accepted with comments" is included for your records. A copy of the Agency's Product Chemistry Review dated January 14, 2005 is enclosed for your records.</p> | | |
| <p>Signature of Approving Official: <i>Mary S. Waller</i> Mary Waller, Product Manager (21) Registration Division, Fungicide Branch</p> | <p>Date: <i>2/1/05</i></p> | |

EPA Form 8570-6

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Conditions of Registration:

**Procure® 480SC
EPA Reg. No. 400-518**

1. Submit and/or cite all data required for registration of your product under FIFRA Section 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.
2. Make the following label changes before you release the product for shipment:
 - A. Revise the EPA Registration Number to read "EPA Reg. No. 400-518"
 - B. Add the following sentence as a footnote to the "Other ingredients" immediately below the list of ingredients: "Contains petroleum distillates, xylene or xylene range aromatic solvents."
 - C. Add the following sentence to the First Aid box: "Note to physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia."
3. Submit one copy of the revised final printed label before releasing the product for shipment.

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Procure® 480SC

Agricultural Fungicide

Net Contents:
2.5
gallons

Active Ingredient: (% by weight)
 Triflumizole [1-[1-((4-chloro-2-(trifluoromethyl) phenyl) imino)-2-propoxyethyl]-1H-imidazole] 42.7%
 Other Ingredients: 57.3%
 Total: 100.0%

Contains 4 lbs. triflumizole per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

IF SWALLOWED • Call a poison control center or doctor immediately for treatment advice.

- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything to an unconscious person.

EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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| CROMPTON EMERGENCY PHONE | 800-292-5898 |
| SAFETY DATA AND INFORMATION | 203-573-3303 |
| TRANSPORTATION EMERGENCY (CHEMTREC) | 800-424-9300 |

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

FEB 1 2005

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

400-518

EPA REG. NO. 400-
EPA EST. NO.
001

Crompton Manufacturing Company, Inc.
Middlebury CT 06749

Crompton
Crop Protector.

www.cromptoncorp.com

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; chemical-resistant gloves made of any waterproof material; shoes plus socks.

Follow manufacturer's instructions for cleaning and 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 or 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:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

PHYSICAL or CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Read entire label directions before using.

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.

GENERAL INFORMATION

PROCURE 480SC is a broad-spectrum foliar fungicide for control of certain diseases of apples, cherries, cucurbits, grapes, pears and strawberries. PROCURE 480SC is active as a protectant and as an eradicant by preventing disease symptoms after infection has occurred. It's anti-sporulant activity reduces spores after lesions become visible. Read the entire label and directions before using PROCURE 480SC.

APPLICATION INSTRUCTIONS

PROCURE 480SC can be applied with dilute or concentrate ground equipment. Aerial applications for tree fruits can be made in accordance with use directions noted for each crop. Equipment should be frequently checked for calibration. Apply PROCURE 480SC in sufficient water to ensure complete and thorough coverage of foliage, bloom and fruit.

Use higher recommended rates on more susceptible varieties and/or under higher disease pressure.

Consult your State Agricultural Experimental Station or Extension Service Specialist for guidance on selection of specific dosage rates and timing of application appropriate to your specific crop and area conditions. State regulations may contain additional restrictions or requirements.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not allow livestock to graze on treated orchard ground cover.

Aerial application of PROCURE 480SC is allowed unless prohibited under a specific crop use direction.

RESISTANCE MANAGEMENT: Populations of fungal pathogens are known to develop resistance to fungicides with the same mode of action when used repeatedly. Thus, Crompton encourages responsible resistance management to ensure an effective long-term control of diseases. Resistance management strategies include alternating and/or tank mixing with other labeled fungicides having different modes of action or limiting the total number of applications per season.

RESTRICTIONS ON ROTATIONAL CROPS: Do not plant leafy vegetables within 30 days after application. Do not plant root vegetables within 60 days after application. Rotation to all other crops within one year after application, unless PROCURE 480SC is registered for use on those crops, is prohibited.

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, and 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), and restricted-entry interval. 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 (REI) of 12 hours.

PPE 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, soil, or water, is: coveralls; chemical-resistant gloves made of any waterproof material; and shoes plus socks.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry location.

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:

Plastic Containers: 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.

APPLES & PEARS

On apples and pears, PROCURE 480SC should be tank mixed with standard protectant fungicides labeled for control of other diseases during the season for maximum fruit disease control. Make applications at 7 to 10 day intervals through the first cover and at approximately 10 to 14 day intervals thereafter as needed. PROCURE 480SC may be applied up to 14 days prior to harvest.

PROCURE 480SC rates should be adjusted in response to disease pressure, weather conditions, and varietal susceptibility. If disease pressure is above normal, rates per acre must be increased as indicated in the "Comments" section for each disease. Do not use less than the recommended rates.

AERIAL APPLICATIONS: When making aerial applications use 12 to 16 fl. oz. PROCURE 480SC per acre*

| CROP | DISEASE | Rate of Procure 480SC fl. oz/acre | COMMENTS |
|--------|---|--------------------------------------|---|
| Apples | Powdery Mildew (<i>Podosphaera leucotricha</i>) | 8 to 16 | Initiate spraying at first sign of mildew, usually at the ½" green tip stage. Continue applications at 7 to 14 day intervals as needed through the terminal growth period. |
| | Scab (<i>Venturia inaequalis</i>) Cedar Apple Rust (<i>Gymnosporangium juniperi-virginianae</i>) | 8 to 16 | <p>Standard Spray Schedule Apply PROCURE 480SC at the rate of 8 to 16 fl. oz per acre at 7 to 10 day intervals from ½" green tip stage through second cover or until primary scab sporulation is complete. Higher rates should be used for more susceptible varieties and heavy disease pressure. For improved scab control apply PROCURE 480SC in combination with a protectant fungicide. Applications of PROCURE 480SC may be continued in a standard 14 day cover spray program in combination with a protectant fungicide. If changing to a protectant fungicide only after the end of the primary infection period, use 2 PROCURE 480SC applications, 7 days apart.</p> <p>Eradicant Spray Schedule (Post Infection Schedule) Apply PROCURE 480SC at the rate of 8 to 16 fl. oz per acre within 96 hours of the start of an infection period. Under low to moderate pressure conditions, 8 fl. oz per acre can be applied within 48 hours after the start of an infection period. Higher rates should be used if disease pressure is high or the time interval after the start of infection is greater than 48 hours. If a second infection period occurs within 3 days of the first application, a second application should be made within 7 days of the first treatment. For improved scab control apply PROCURE 480SC in combination with a protectant fungicide. After first cover, PROCURE 480SC can be continued in a standard cover spray program in combination with protectant fungicides which control other diseases. Do not apply more than 64 fl. oz of PROCURE 480SC per acre of apples per season. Application of PROCURE 480SC for control of scab will also control cedar apple rust.</p> |
| Pears | Powdery Mildew (<i>Podosphaera leucotricha</i>) | 8 to 16 | Initiate spray at pink or white stage. Continue applications at 7 to 14 day intervals or as required. PROCURE 480SC may applied up to 14 days prior to harvest. |
| | Scab (<i>Venturia pirina</i>) | 8 to 16 | <p>Standard Spray Schedule Apply PROCURE 480SC at the rate of 8 to 16 fl. oz/A, at 7 to 10 day intervals from green tip stage through second cover. Higher rates should be used for more susceptible varieties and heavy disease pressure. Continue applications of PROCURE 480SC in a standard cover spray program with a protectant fungicide. If changing to a protectant fungicide only after the end of the primary infection period, use 2 PROCURE 480SC applications, 7 days apart.</p> <p>Eradicant Spray Schedule (Post Infection Schedule) Apply PROCURE 480SC at the rate of 8 to 16 fl. oz per acre within 96 hours of the start of an infection period. Under low to moderate pressure conditions, 8 fl. oz per acre can be applied within 48 hours after the start of an infection period. Higher rates should be used if disease pressure is high or the time interval after the start of infection is greater than 48 hours. If a second infection period occurs within 3 days of the first application, a second application should be made within 7 days of the first treatment. For improved scab control, apply PROCURE 480SC in combination with a protectant fungicide. After first cover, PROCURE 480SC can be continued in a standard cover spray program of 8 to 12 fl. oz/A, in combination with protectant fungicides which control other diseases. Do not apply more than 64 fl. oz. of PROCURE 480SC per acre of pears per season.</p> |

*Not registered for use by air in California.

CHERRIES (SWEET & TART)

PROCURE 480SC can be applied throughout the season from delayed dormant to within 1 day of harvest. Apply PROCURE 480SC in sufficient water to ensure complete and thorough coverage of foliage, flowers and fruit. Applications should be timed to maintain coverage on susceptible plant tissues throughout possible infection periods. Do not use less than the recommended rates.

| CROP | DISEASE | Rate of Procure 480SC ⁽¹⁾ | |
|----------------------------|--|--------------------------------------|---|
| | | fl. oz/acre | COMMENTS |
| Cherries (Sweet & Tart) | Powdery Mildew (<i>Podosphaera clandestina</i>) | 8 to 16 | Initiate treatments at early popcorn and continue at 7 to 14 day intervals until terminal growth ceases. |
| | Blossom Blight & Fruit Rot (<i>Monilinia</i> spp.) | 10 to 16 | Blossom Blight Control: Treatments should be applied at early popcorn, full bloom and petal fall. Complete coverage must be maintained throughout the bloom period. Fruit Rot Control: Depending on disease pressure, continue the blossom blight schedule with applications at 7 to 10 day intervals throughout the cover spray period. |
| | Leaf Spot (<i>Blumeriella jaapii</i>) | 10 to 16 | PROCURE 480SC applications made to control <i>Podosphaera</i> or <i>Monilinia</i> will suppress the development of leaf spot. To control leaf spot, PROCURE 480SC should be tank mixed with other products registered for leaf spot control. |

(1) Application Rates:
 When making aerial applications, use at least 12 ounces PROCURE 480SC per acre. Where feasible, ground application should be used because it provides better canopy penetration and coverage.
 Always use higher recommended rates on more susceptible varieties or when higher disease pressure conditions exist.
 Do not apply more than 96 fl. oz. of PROCURE 480SC per acre per season. Do not apply closer than 1 day before harvest.

CUCURBITS

PROCURE 480SC can be used to control powdery mildews caused by *Erysiphe cichoracearum* or *Podosphaera xanthii*. If other leaf diseases in addition to powdery mildew must be controlled, PROCURE 480SC can be tank mixed with other fungicides registered for those diseases. Thorough coverage of the foliage is necessary for maximum disease control. Repeated applications should be made if conditions of powdery mildew development persist.

| CROP | DISEASE | Rate of Procure 480SC | |
|---|---|-----------------------|--|
| | | fl. oz/acre | COMMENTS |
| Cucumbers Gherkins Gourds Muskmelons (Includes cantaloupes, honeydews, Persian melons and other melons) Pumpkins Squash (summer and winter) Watermelons | Powdery Mildew (<i>Erysiphe cichoracearum</i> , <i>Podosphaera xanthii</i>) | 4 to 8 | Apply PROCURE 480SC as a foliar spray in sufficient water to provide thorough coverage of the foliage. Applications should begin at the start of vining or the first indication of disease. Repeated applications can be made at 7 to 14 day intervals. When conditions are favorable for severe disease pressure, use higher rates and shorter intervals. Do not apply more than 40 fl. oz. of PROCURE 480SC per acre per season. Applications can be made up to the day of harvest. |

GRAPES

PROCURE 480SC should be used as a protectant for control of powdery mildew. Start applications before bloom and continue on a 14 to 21 day interval at 4 to 8 fl. oz/acre. For the most susceptible varieties, use 6 to 8 ounces/acre and/or shorter spray intervals. When disease pressure is low, use 4 to 6 fl. oz/acre and/or the spray interval can be extended up to 21 days. Select spray volume, nozzle adjustments and ground speed to ensure complete coverage of fruit clusters and foliage. Use a minimum of 50 gallons of water per acre for early season applications. Use enough volume to ensure thorough coverage as the amount of foliage increases. Do not apply within 7 days of harvest. Do not exceed 32 fl. oz. PROCURE 480SC per acre per season. Do not apply by air. Sulfur at recommended use rates can be applied before, with, and/or between PROCURE 480SC applications.

| CROP | DISEASE | Rate of Procure 480SC fl. oz/acre | COMMENTS |
|--------|---|--------------------------------------|--|
| Grapes | Powdery Mildew (<i>Uncinula necator</i>) | 4 to 8 | Start applications before bloom and continue on a 14 to 21 day interval. Use higher rates and/or shorter intervals on susceptible varieties or under heavy disease pressure. |

STRAWBERRIES

PROCURE 480SC can be applied for control of strawberry powdery mildew with dilute or concentrate ground equipment. Apply PROCURE 480SC in sufficient water to ensure complete and thorough coverage of foliage, flowers and fruit. Use higher recommended application rates and shorter spray intervals on more susceptible varieties and/or under higher disease pressure. PROCURE 480SC may be tank mixed with other materials registered for use on strawberries. Apply tank mixtures in accordance with all applicable label directions. Do not apply within 1 day of harvest. Do not exceed 32 fl. oz. PROCURE 480SC per acre per season.

| CROP | DISEASE | Rate of Procure 480SC fl. oz/acre | COMMENTS |
|--------------|--|--------------------------------------|---|
| Strawberries | Powdery Mildew (<i>Sphaerotheca macularis</i> <i>f. sp. fragariae</i>) | 4 to 8 | Protection of leaves before bloom will reduce in-season disease pressure and result in greater control of flower and fruit infections. Initiate applications at the first sign of powdery mildew. Continue applications at approximately 14 day intervals while conditions favor disease development. |

IMPORTANT NOTICE—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 the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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