

PM 21 400-431

1044

# PROCURE<sup>®</sup> 50WS

**ACCEPTED**

NOV 27 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-431

AGRICULTURAL FUNGICIDE

Net contents:

**COMPOSITION**

Active Ingredients: (% by weight)

1-[1-[[4-chloro-2-(trifluoromethyl) phenyl] imino]-2-propoxyethyl]-1H-imidazole ..... 50.0%

Inert Ingredients: ..... 50.0%

Total: ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER • PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush with plenty of water for 15 minutes. Get medical attention.

**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, or, if available, by administering syrup of Ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

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

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

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

**DANGER**

Corrosive, causes irreversible eye damage. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Prolonged or frequently repeated skin contact with this product may cause allergic skin reactions in some individuals. Wash thoroughly with soap and water after handling.

**PERSONAL PROTECTIVE EQUIPMENT**

**Applicators and Other Handlers Must Wear:** A long-sleeved shirt & long pants; waterproof gloves; shoes plus socks; protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

### 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 24 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; waterproof gloves; shoes plus socks; and protective eyewear

### GENERAL USE DIRECTIONS

PROCURE 50WS is a broad-spectrum foliar fungicide for control of certain diseases of grapes and pome fruits. PROCURE 50WS is particularly effective against powdery mildew of grapes, apples and pears and scab of apples and pears. Against scab it is active as an eradicant by preventing disease symptoms after infection has occurred. It's anti-sporulant activity reduces scab spores after lesions become visible. Read the entire label and directions before using PROCURE 50WS Wettable Powder fungicide.

NOTE: Do not allow livestock to graze on treated orchard ground cover. Do not apply this product through any type of irrigation system.

### RECOMMENDED APPLICATIONS

PROCURE 50WS Wettable Powder 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 50WS 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.

### HANDLING OF WATER SOLUBLE POUCHES

Prior to use, keep the water soluble pouches dry at all times. Handling the water soluble pouches may cause breakage. Do not handle with wet hands or wet gloves. Store unused pouches in the original package in a dry location away from heat and cold.

**MIXING:** Use the dosage charts to determine the rate of PROCURE 50WS required in each tank of spray. Calculate the number of water soluble pouches required to provide the desired amount of material. Do not break pouches. It is recommended that the pouches be added to a partially filled spray tank prior to the addition of other agricultural chemicals, then direct the rest of the filling spray onto the pouches. Do not use partial pouches. The pouches should be completely dissolved and the powder thoroughly dispersed in the spray tank before spraying.

**COMPATIBILITY:** PROCURE 50WS can be tank mixed with most fungicides, insecticides and plant growth regulators registered for use on the recommended crops. Because products and application condi-

tions vary considerably, new mixtures should be tested on a small scale prior to use.

**NOTE:** Do not tank mix PROCURE 50WS water soluble pouches with products that contain boron or release free chlorine. A chemical reaction may occur which changes the film into an insoluble plastic.

### GRAPES

PROCURE 50WS should not be used as an eradicant for mildew-control. Use as a protectant according to the spray schedule below. Use PROCURE 50WS at 4 - 8 oz./A. Select spray volume, nozzle adjustments, and ground speed to ensure complete coverage of fruit clusters and foliage. Tractor speed should not exceed 3 mph. Use a minimum of 50 gallons of water per acre for early season applications. Increase gallonage used as amount of foliage increases. Do not apply within 7 days of harvest. **Do not exceed 32 oz. PROCURE 50WS/A/season.**

Do not apply by air.

### Recommended Times of Application and Rates of PROCURE 50WS

Variety Susceptibility to Mildew	Type of Grape	Light to Moderate Disease Pressure	Heavy Disease Pressure
Light	Wine & Raisin	12" to 18" cane, bloom, 21 days post bloom. Use 4 - 6 oz./A. <b>Do not exceed 21 days between applications.</b>	12" to 18" cane, bloom, 14 to 21 days post bloom. 3 weeks after last application. Use 4 - 6 oz./A. <b>Do not exceed 21 days between applications.</b>
	Table	12" to 18" cane, bloom, 21 days post bloom. Use 4 - 6 oz./A. <b>Do not exceed 21 days between applications.</b>	12" to 18" cane, bloom, 14 to 21 days post bloom. 3 weeks after last application. Use 4 - 6 oz./A. <b>Do not exceed 21 days between applications.</b>
Additional applications may be needed for seasonal control.			
Moderate	Wine & Raisin	6 - 12" cane, bloom, 14 to 21 days post bloom and 3 weeks later. Use 4 - 6 oz./A. <b>Do not exceed 14 days between applications at low rate of 4 oz./A.</b>	6 - 12" cane bloom, 14 to 21 days post bloom and 14 to 21 days later. Use 4 oz./A. in early sprays 6 oz./A. in later. <b>Do not exceed 21 days between applications.</b>
	Table	12" cane, bloom, 14 to 21 days post bloom and 3 weeks later. Use 4 - 6 oz./A. <b>Do not exceed 14 days between applications at low rate of 4 oz./A.</b>	6" cane 18" cane, bloom 14 days post bloom, 14 days after last application. Use 4 oz./A. in early sprays. 6 oz./A. in later. <b>Do not exceed 14 days between applications.</b>
Additional applications may be needed for seasonal control.			
High	Wine & Raisin	6 - 12" cane, bloom, 14 days post bloom. additional application may be required 14 days after last application. Use 4 - 6 oz./A. <b>Do not exceed 14 days between applications.</b>	6 - 12" cane, bloom, 14 days post bloom, 14 days later. Use 6 - 8 oz./A. <b>Do not exceed 14 days between applications.</b>
	Table	6" cane 18" cane, bloom, 14 days post bloom, 14 days after last application. Use 4 oz./A. in early sprays. 6 oz./A. in later. <b>Do not exceed 14 days between applications.</b>	6" cane and 18" cane at 4 oz./A. Bloom, 14 days post bloom, 14 days later, followed by an additional application 14 days later at 6 oz./A. <b>Do not exceed 14 days between applications.</b>
Additional applications may be needed for seasonal control.			
<b>SULFUR AT RECOMMENDED USE RATES CAN BE APPLIED BEFORE AND /OR BETWEEN PROCURE 50WS APPLICATIONS.</b>			

## APPLES & PEARS

On apples and pears, PROCURE 50WS can be tank mixed with standard protectant fungicides 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 50WS may be applied up to 14 days prior to harvest.

**AERIAL APPLICATIONS:** When making aerial applications use 12 to 16 oz. PROCURE 50WS per acre in a minimum of 10 gallons of spray solution per acre.

Do not apply by air in California.

CROP	DISEASE	RATE OF PROCURE 50WS		COMMENTS
		oz/100 gal*	oz/acre	
Apples	<b>Powdery Mildew</b>	2 to 4	8 to 16	Initiate spraying at first sign of mildew, usually at the 1/2" green tip stage. Continue application at 7 to 14 day intervals as needed through the terminal growth period. PROCURE 50WS may be applied up to 14 days prior to harvest.
	<b>Scab and Cedar-Apple Rust</b>	2 to 4	8 to 16	<p><b>Standard Spray Schedule</b> Apply PROCURE 50WS at the rate of 2 to 4 oz. per 100 gal. at 7 to 10 day intervals from 1/2" green tip stage through second cover or until sporulation is complete. Continue applications of PROCURE 50WS in a standard 14 days cover spray program with a protectant fungicide. If changing to a protectant fungicide only after the end of the preliminary infection period, use 2 PROCURE applications, 7 days apart.</p> <p><b>Eradicant Spray Schedule (Post Infection Schedule)</b> Apply PROCURE 50WS at the rate of 3 to 4 oz. per 100 gal. within 72 hours after the beginning of the scab infection period. Lower rate up to 3 oz. per 100 gal. will provide 48 hour "kick back" activity. (Use the higher rates under heavy disease pressure).</p> <p>After first cover, continue PROCURE 50WS in a standard cover spray program at 2 to 3 oz. per 100 gal. in combination with protectant fungicides which control other diseases. Do not apply more than 64 oz. of PROCURE 50WS per acre of apples per season.</p>
Pears	<b>Powdery Mildew</b>	2 to 4	8 to 16	Initiate spray at pink or white stage. Continue applications at 7 to 14 day intervals or as required. PROCURE 50WS may be applied up to 14 days prior to harvest.
	<b>Scab</b>	2 to 4	8 to 16	<p><b>Standard Spray Schedule</b> Apply PROCURE 50WS at the rate of 2 to 4 oz. per 100 gal. at 7 to 10 day intervals from green tip stage through second cover. Continue applications of PROCURE 50WS in a standard cover spray program with a protectant fungicide. If changing to a protectant fungicide only after the end of the preliminary infection period, use 2 PROCURE applications, 7 days apart.</p> <p><b>Eradicant Spray Schedule (Post Infection Schedule)</b> Apply PROCURE 50WS at the rate of 3 to 4 oz. per 100 gal. within 72 hours after the beginning of the scab infection period. Lower rate up to 3 oz. per 100 gal. will provide 48 "kick back" activity. (Use the higher rates under heavy disease pressure).</p> <p>After first cover, continue PROCURE 50WS in a standard cover spray program at 2 to 3 oz. per 100 gal. in combination with protectant fungicides which control other diseases. Do not apply more than 64 oz. of PROCURE 50WS per acre of pears per season.</p>

\*The rates of PROCURE 50WS Wettable Powder are based on a standard of 400 gallons per acre of dilute spray. For less than standard size trees, apply the rate per 100 gallons until drip point. If using a concentrate spray, refer to the amount per acre to ensure equivalent amount of material is applied.

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## STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry location.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL:

**Plastic:** 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.

**Paper:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**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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