

# Captan 4L

## CAPTAN FLOWABLE FUNGICIDE

ACTIVE INGREDIENT	BY WT.
*Captan .....	37.4%
Related Derivatives .....	0.8%
INERT INGREDIENTS .....	61.8%
TOTAL .....	100.0%

\*N trichloromethylthio 4-cyclohexene-1,2-dicarboximide  
Contains 4 lbs. of Captan per gallon

**KEEP OUT OF REACH OF CHILDREN  
DANGER — PELIGRO**

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solutions, or, if these are not available, drink large quantities of water. Avoid alcohol.

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

**IF ON SKIN:** Wash immediately with soap and water.

**IF IN EYES:** Flush with plenty of water. Call a physician.

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que etiqueta haya sido explicado ampliamente.

See Side Panel For Additional Precautionary Statements



Griffin. The Hardworking Difference

**GRIFFIN CORPORATION**

VALDOSTA, GEORGIA 31601

NET CONTENTS 2 1/2 GALLONS

EPA Reg. No. 1812-260

EPA Est. No. 1812 GA 3

ACCEPTED

2/23/99

EPA

1812-260

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

# DANGER — PELIGRO

Caution: Avoid eye contact. Irritant if swallowed or inhaled. Irritant to eyes. Avoid contact with skin. Wash with soap and water. May cause skin irritation. Avoid contact with children and pets. Remove and dispose of separately. Avoid contact with food.

Do not apply this product to surfaces where it is likely to be ingested by people or animals. The application method must be selected by user to minimize risk.

**PRECAUCION AL USUARIO** Evitar el contacto con los ojos. Evitar el contacto con la piel. Evitar el contacto con los niños y mascotas. Evitar el contacto con los alimentos.

## ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic organisms. Do not apply to water bodies. Do not apply to areas where it may come in contact with fish, shellfish, or other aquatic life. Do not apply to areas where it may come in contact with birds, bees, or other beneficial insects. Do not apply to areas where it may come in contact with plants or animals that are sensitive to pesticides.

## DIRECTIONS FOR USE

For use on lawns and gardens. Apply to the lawn or garden area. Do not apply to areas where it may come in contact with fish, shellfish, or other aquatic life. Do not apply to areas where it may come in contact with birds, bees, or other beneficial insects. Do not apply to areas where it may come in contact with plants or animals that are sensitive to pesticides.

Make certain you are wearing protective clothing when you apply this product. Do not apply to areas where it may come in contact with fish, shellfish, or other aquatic life. Do not apply to areas where it may come in contact with birds, bees, or other beneficial insects. Do not apply to areas where it may come in contact with plants or animals that are sensitive to pesticides.

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**AFTER WORK:** Take off all protective clothes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Pesticide containers and equipment must be cleaned separately from household use. Do not reuse pesticide containers. Do not use pesticide containers for other purposes. Do not use pesticide containers for storage of other materials.

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## STORAGE AND DISPOSAL

**STORAGE:** Store in a cool, dry place, but protect from temperatures below 0°F. Protect from excessive heat.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or 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 of the nearest EPA Regional Office for guidance.

**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 other approved means, out of sight.

## RE-ENTRY STATEMENT

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Do not allow persons to enter treated areas within 4 days following application, unless a long residue period of at least 48 hours has passed. Do not allow persons to enter treated areas within 4 days following application, unless a long residue period of at least 48 hours has passed. Do not allow persons to enter treated areas within 4 days following application, unless a long residue period of at least 48 hours has passed.

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## GENERAL INFORMATION

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filling and spraying operations. Do not allow mixture to stand. Use a screen not finer than 50 mesh in the entire system.

**Compatibility.** Griffin Captac<sup>®</sup> 4L may be combined with most commonly used insecticides, adjuvants and fungicides with the exception of strongly alkaline material such as hydrated lime which reduces the fungicidal activity. Griffin Captac<sup>®</sup> 4L should not be used in combination with or closely following oil sprays or with solvent formulations of parathion products.

### GENERAL INSTRUCTIONS

When low and high rates are indicated for a crop, use the higher rate when conditions favor disease development or when active disease can be found.

The following table shows minimum recommended spray volumes per acre. Thorough coverage is essential for best results. This often requires the use of spray volumes per acre greater than shown as minimum. The crop, its stage of growth and size are major factors in determining spray volume required to obtain thorough coverage. Consult local extension service recommendations for spray volumes applicable to your particular crop conditions.

#### MINIMUM RECOMMENDED SPRAY VOLUMES / ACRE

Dilute	Concentrate	Apply
100 gallons*	50 gallons	10 gallons

\*200 Gallons for Apples and Grape Dead Arm Disease

Captac 4L rates are shown on a dilute basis. Concentrate and/or aerial sprays may be applied at a rate equivalent to that recommended per acre for dilute sprays so long as maximum rate per acre per application is not exceeded.

### APPLICATION INSTRUCTIONS

CROP	DISEASE	RATE IN QTS / 100 GALLONS	USE INSTRUCTIONS
Apples	Brown Rot Twig Blight Jacket Rot	0.75 - 1.0	Apply at preblossom to 75 percent petal fall stage up to 8 weeks after petal fall. May be sprayed dilute, concentrate or aerial as appropriate for conditions at time of treatment. <b>NOTE:</b> Do not apply within 30 days of harvest. Do not exceed 4.5 quarts per acre per application. <b>CAUTION:</b> Do not use in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Staygreen, Baldwin, King, etc. as severe injury and defoliation may occur. <b>SPRAYS:</b> For preblossom sprays use a dilute spray (25% gallons mixture). Concentrate sprays may be applied at a rate equivalent to that recommended per acre for dilute spray.
Apples	Brown Rot Twig Blight Jacket Rot	0.75 - 1.0	Apply at preblossom to 75 percent petal fall stage up to 8 weeks after petal fall. May be sprayed dilute, concentrate or aerial as appropriate for conditions at time of treatment. <b>NOTE:</b> Do not apply within 30 days of harvest. Do not exceed 4.5 quarts per acre per application. <b>CAUTION:</b> Do not use in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Staygreen, Baldwin, King, etc. as severe injury and defoliation may occur. <b>SPRAYS:</b> For preblossom sprays use a dilute spray (25% gallons mixture). Concentrate sprays may be applied at a rate equivalent to that recommended per acre for dilute spray.

Western Areas

Apple Scab 0.75 - 1.0

Spray is most effective when used in a protective schedule where the spray is applied before infection occurs. Primary infection of apple scab may occur at any time during and after the green tip stage if over-weathering scab is mature and there is sufficient moisture to discharge spores. Danger from primary infection may extend through the time of the first cover spray.

**NOTE:** Do not exceed 4.0 quarts per acre per application.

Bitter Rot  
Black Rot  
Botryosphera  
Black Rot  
Bull's Eye Rot

Make 1 or 2 applications with late cover sprays in an application 1 week prior to harvest. Spray volumes should be used as described for Apple Scab.

**NOTE:** Do not exceed 4.0 quarts per acre per application.

Eastern Areas

Primary Scab 0.75 - 1.0  
Black Rot  
Crown Rot  
Botrytis Blight  
End Rot  
Secondary Scab 0.5 - 1.0  
Spot Blight  
Fruit Spot  
Shiny Blight  
Fly Spots  
Rip Blight  
Rip Blight  
Rip Blight  
Rip Blight  
Powdery Mildew 0.5 - 1.0

Apply at 5 to 7 day intervals as needed to maintain cover in problem areas. In petal fall and first cover sprays.

**NOTE:** Do not exceed 4.0 quarts per acre per application.

Apply at 10 to 14 day intervals in second and third cover sprays.

**NOTE:** Do not exceed 4.0 quarts per acre per application.

Apples

Brown Rot 0.75 - 1.0  
Twig Blight  
Jacket Rot

Apply at 10 to 14 day intervals. Add 1.5 to 3 quarts sulfur to protect from sprays until the foliage matures.

**NOTE:** Do not exceed 4.0 quarts per acre per application.

Apply at bloom red bud stage and repeat at 75 percent petal fall. May be sprayed dilute or concentrate as appropriate for conditions at time of treatment.

**NOTE:** Do not exceed 2.0 quarts per acre per application.

Cherries (Western Areas) Cherry Leaf Spot, Brown Rot, Botrytis Rot 0.75 - 1.0 Spray at prebloom, bloom, petal fall. For severe infection, use 2 quarts. Repeat in cover sprays. May be applied dilute or concentrate as appropriate for conditions at time of treatment. **NOTE:** Do not exceed 2 quarts per acre per application.

Grapes May be applied dilute, concentrate or aerial as appropriate for conditions at time of treatment.

Downy Mildew 0.75 - 1.0 Apply just before bloom, repeat immediately after bloom. Depending upon susceptibility of grape variety, from 1 to 3 more sprays may be needed at 7 to 10 day intervals. **NOTE:** Do not exceed 2 quarts per acre per application.

Black Rot 0.75 - 1.0 Make first application when new growth is 4 to 6 inches long; repeat when growth is 8 to 10 inches long. **NOTE:** Do not exceed 2 quarts per acre per application.

Dead Arm Disease 1.0 Apply a minimum of 200 gallons of spray per acre. Start when new shoots are 3 to 4 inches long and before the first infective rains. Make a second spray when shoots are 12 to 15 inches long and a third spray before the bunches close. **NOTE:** Do not exceed 2 quarts per acre per application.

Dead Arm Disease 1.0 Apply a minimum of 200 gallons of spray per acre. Start when new shoots are 3 to 4 inches long and before the first infective rains. Make a second spray when shoots are 12 to 15 inches long and a third spray before the bunches close. **NOTE:** Do not exceed 2 quarts per acre per application.

Strawberries Brown Rot, Scab, Coryneum Blight, Shot Hole 0.75 - 1.0 Apply at pink bud, full bloom and petal fall stages. Repeat at 10 to 14 day intervals after petal fall. Make late fall applications to trees after fruit has been harvested, for Coryneum Blight. May be applied dilute or concentrate as appropriate for conditions at time of treatment. **NOTE:** Do not exceed 4 quarts per acre per application.

Strawberries Brown Rot, Scab, Coryneum Blight, Shot Hole 0.75 - 1.0 Apply at pink bud, full bloom and petal fall stages. Repeat at 10 to 14 day intervals after petal fall. Make late fall applications to trees after fruit has been harvested, for Coryneum Blight. May be applied dilute, concentrate or aerial as appropriate for conditions at time of treatment. **NOTE:** Do not exceed 4 quarts per acre per application.

Plums Brown Rot 1.0 - 3.0 May be sprayed dilute or concentrate as appropriate for conditions at time of treatment. **NOTE:** Do not exceed 3 quarts per acre per application.

**MINIMUM RECOMMENDED SPRAY VOLUMES / ACRE**

Ground 40 Gallons	Aerial 10 Gallons
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CROP	DISEASE	RATE IN OYSTACHE	USE INSTRUCTIONS
Strawberries	Botrytis Leaf Spot	1.5 - 3.0	Apply when new growth starts in spring before fruit starts to form. Repeat weekly. <b>SEVERE INFECTION:</b> Continue through harvest period, treating immediately after each picking. <b>NOTE:</b> Do not exceed 2.5 quarts per acre per application.

**NOTICE OF WARRANTY**

GRIFFIN warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label, only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of GRIFFIN. In no case shall GRIFFIN be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. GRIFFIN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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