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PM 2.3

1812-261

ACCEPTED  
*per self-cert*  
 OCT 19 1987  
 U.S. Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 No. 1812-261

# CAPTAN 50W

## 50% CAPTAN WETTABLE POWDER

<b>ACTIVE INGREDIENTS</b>	
*Captan .....	48.9%
Related Derivatives .....	1.1%
<b>INERT INGREDIENTS</b> .....	50.0%
<b>TOTAL</b> .....	100.0%

\*N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide

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

**STATEMENT OF PRACTICAL TREATMENT**

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

**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.

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

See Side Panel For Additional Precautionary Statements



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**GRIFFIN CORPORATION**  
 VALDOSTA, GEORGIA 31601  
 NET CONTENTS \_\_\_\_\_  
 ORME-E RQ NA 9099  
 E.P.A. Reg. No. 1812-261  
 E.P.A. Est. No. 1812-GA-3

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
DANGER — PELIGRO**

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Remove and separately launder clothing before reuse.

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.

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

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

**DIRECTIONS FOR USE**

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

Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and separately launder clothing before reuse.

Mixers/loaders when mixing and loading this product must wear a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles or a face shield and a chemically resistant apron.

A dust mask must be worn when mixing and loading this product.

Laborers and harvesters must wear chemical resistant gloves. Leather or fabric gloves are not acceptable.

**AFTER WORK:** Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

During application only, from a tractor with a completely enclosed cab or from an aircraft with an enclosed cockpit a long sleeved shirt and long legged pants must be worn. Chemically resistant gloves must be available in the cab or cockpit and worn while exiting.

**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 excessive 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:** 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.

**RE-ENTRY STATEMENT**

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.

Do not allow persons to enter treated areas within 4 days following application unless a long-sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet and chemically resistant gloves are worn.

Because certain states may require more restrictive re-entry 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. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) 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: DANGER. Area treated with CAPTAN on (date of application). In case of accidental exposure see Statement of Practical Treatment.

**GENERAL INFORMATION**

Read all precautions and directions for use before using. Use only for claims listed and only as specified on this label.

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers.

Foliage injury may at times occur to Red Delicious, Winesap and other sensitive varieties of apples in early season sprays. Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

Griffin Captan 50% is used in water as a spray for control of certain fungus diseases in fruit and vegetables.

**Compatibility:** Griffin Captan 50W may be combined with most commonly used insecticides, adjuvants and fungicides with the exception of strongly alkaline material such as hydrate lime, which reduces the fungicidal activity. Griffin Captan 50W should not be used in combination with or closely following oil sprays or with solvent formulations of parathion products.

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**ALMONDS:** Brown Rot, Shot Hole, Scab, Leaf Blight — 2 lbs. per 100 gals. spray. Apply at popcorn, bloom, petal fall stages and up to 5 weeks after petal fall. May be used up to 12 days of harvest if hulls are not fed to dairy animals or animals being finished for slaughter.

**APPLES:** Primary Scab Infection — 1½ to 2 lbs. per 100 gals. spray. Secondary Apple Scab, Brooks Fruit Spot, Flyspecking — 1 lb. per 100 gals. spray. Severe Infection — 2 lbs. per 100 gals. spray. Bitter Rot, Black Rot, Botryosphaeria, Black Pox — 2 lbs. per 100 gals. spray. Bull's Eye Rot, Botrytis Rot — 2 lbs. per 100 gals. spray. Make 1 or 2 applications with late cover sprays and 1 or 2 preharvest applications. Captan sow should not be used in combination and or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Stayman, Baldwin, King, etc. as severe foliage injury and defoliation may occur.

**APRICOTS:** Brown Rot (Twig Blight), Jacket Rot — 2 lbs. per 100 gals. spray. Apply at red bud stage, bloom and repeat at 75 per cent petal fall.

**CANTALOUPE CUCUMBERS:** Anthracnose, Downy Mildew — 2 lbs. per 100 gals. spray or apply 4 lbs. per acre in sufficient water for coverage. Apply at first sign of disease. Repeat at 5 to 7 day intervals or as necessary to keep diseases under control.

**CHERRIES:** Cherry Leaf Spot (West only), Brown rot, Botrytis rot — 2 lbs. per 100 gals. spray. Spray at prebloom, bloom, petal fall.

**GRAPES:** Downy Mildew, Blackrot — 2 lbs. in 100 gals. spray. Make first application just before bloom, and repeat immediately after bloom. Depending upon the susceptibility of the grape variety, from 1 to 3 more sprays may be needed at 7 to 10 day intervals. Dead Arm Disease (California) — 2 lbs. per 100 gals. spray, 3 to 6 lbs. per acre. First spray at bud break to 1 inch shoot length. Second Spray 2 weeks later or shoots 4 to 8 inches in length, at 4 to 6 lbs. per acre. (Northeast) — 2 lbs. per 100 gals. spray. Make first application when new growth is 4 to 6 inches long, repeat when growth is 8 to 10 inches long.

**PEARS:** Pear Scab (Except Pacific Northwest) — PRIMARY INFECTION — 2 lbs. per 100 gals. spray. Apply during early finger stage and petal fall stage. SECONDARY INFECTION — 1 lbs. per 100 gals. spray during cover sprays. Severe Scab Infection — 2 lbs. per 100 gals. spray. Additional treatments may be necessary. Russetting may be produced on Bosc Pears. Do not use on D'Anjou Pears.

**POTATO SEED-PIECE TREATMENT - Except California** — seed rot, damping-off — use 2 to 3 lbs. per 100 gals. water. Dip seed pieces in the solution before planting. Cut pieces should be treated within 6 hours of cutting. If planting is to be delayed more than 1 to 2 days, treated pieces should be stored for 2 days in open crates to allow air drying before bagging.

**PRUNES, PLUMS:** Brown Rot — 2 lbs. per 100 gals. spray. Apply at Green Tip or popcorn stage. Repeat at bloom and 75% petal fall stages. Also repeat later in season as necessary. Prune Russet Scab (Lacy Scab in California) — 2 lbs. per 100 gals. spray (8 lbs. per acre). Apply at full bloom.

**NECTARINES:** Brown Rot, Scab, Coryneum Blight (Shot Hole) — 2 to 4 lbs. per 100 gals. spray. Apply in pink bud, full bloom, petal fall and shuck shed stages. Repeat cover sprays as necessary. Also make a fall foliage spray for Coryneum Blight. When applied on day of harvest, do not exceed 10 lbs. per acre; 12 lbs. per acre may be applied up to 1 day of harvest.

**STRAWBERRIES:** Botrytis Rot — 2 to 3 lbs. to 100 gals. spray, applying 200 diluted gals. per acre (or equivalent of 4 to 6 lbs. per acre in water for coverage). Apply when new growth starts in spring before fruit starts to form. Repeat applications weekly. Severe infection — Continue through harvest period, treating immediately after each picking.

**TOMATOES:** Early Blight, Late Blight, Gray Leaf Spot, Anthracnose, Septoria Leaf Spot — 2 lbs. per 100 gals. spray or apply 5 to 6 lbs. per acre in water to cover. Severe Infection: 4 lbs. per 100 gals. spray or apply 6 to 8 lbs. per acre in water to cover. Apply at first sign of disease. Repeat at 5 to 7 day intervals or as necessary to keep diseases under control.

4069

**POST HARVEST DIP:** Captan 50W can be used as a post-harvest dip or wash on the following crops for prevention of various rots and molds (*Rhizopus*, *Botrytis*, *Gloeosporium*) during storage: Apples, cherries, and pears.  
**Dilution Rate:** Use 2 1/2 lbs per 100 gallons of water. Apply as a spray or in a dip tank. When used as a dip, recharge wash solution periodically as volume in tank is depleted. When tank volume is reduced 25%, bring water back to volume by adding 1 lb Captan 50W for every 25 gallons of water added. At end of every 8-hour shift, empty tank, flush and charge with fresh dilution. Do not allow dip tank solution to stand overnight. Maintain continuous agitation during dipping operations.

GRIFIN 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 the product. All such risks shall be assumed by the Buyer. GRIFFIN MAKES NO WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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