

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**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 a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

The specific Directions for use of this product are located inside of Label.

Follow Directions on side of label to open.

**SA SOUTHERN  
50 AG**

# CAPTAN FUNGICIDE

A fungicide for plant disease control.

For use on ALMONDS, APPLES, APRICOTS, BLUEBERRIES, CHERRIES, GRAPES, NECTARINES, PEACHES, PLUMS, FRESH PRUNES, STRAWBERRIES, AZALEAS, BEGONIAS, CAMELLIAS, CARNATIONS, CHRYSANTHEMUMS, GLADIOLUS (Corms) and ROSES.

ACTIVE INGREDIENTS:	
Captan.....	49.25%
Related Derivatives .....	0.75%
OTHER INGREDIENTS:.....	50.00%
TOTAL:	100.00%



## KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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).

SEE SIDE PANEL AND INSIDE OF LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Distributed by:

**Southern Agricultural Insecticides, Inc.**

Palmetto, Fla. 34220 Hendersonville, N.C. 28793 Boone, N.C. 28607  
J5 EPA Reg. No. 19713-235-829

**Net Weight: 8 ounces (226.8 gms)**

**PRECAUTIONARY  
STATEMENTS**

**Hazards to Humans and  
Domestic Animals**

**WARNING:** Causes substantial but temporary eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), long-sleeved shirt, long pants, shoes, and socks. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

**PERSONAL PROTECTIVE  
EQUIPMENT (PPE)**

The following PPE are required to be worn when handling this product: Goggles or face shield, chemical-resistant gloves when using indoors or outdoors, long pants and long-sleeved shirt. Remove contaminated clothing and launder separately before re-use. Wash non-disposable gloves thoroughly with soap and water before removing.

**USER SAFETY  
RECOMMENDATIONS**

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

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

EPA EST. NO. 829-FL-1 (3); 829-NC-1 (4); 829-NC-2 (5)  
Number following Est. No. corresponds to first digit in Lot No.

Lot No.



Pull Down

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not allow this product to drift. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Read all precautions and directions for use before using. Use only for claims listed and only as specified on this label.

### COMPATIBILITY AND PLANT SAFETY

This product can be combined safely and effectively at labeled dosage rates with most commonly used fungicides and insecticides, with the exception of oil and strongly alkaline materials. Alkaline materials such as spray lime, lime-sulfur and bordeaux mixture will reduce the fungicidal activity of this product. Do not apply Captan in combination with, immediately before or closely following oil sprays. **Do not allow oil sprays on adjacent areas to drift onto plants which have been or will shortly be treated with Captan.** The time factor governing the safe interval between Captan and oil sprays varies due to general climatic conditions, therefore, consult local agricultural spray programs and authorities to determine the proper timing. The use of spreaders which cause excessive wetting is not advised. Combinations with solvent formulations of organic phosphates should not be used. Combinations of Captan and sulfur should not be used on crops sensitive to sulfur. Used at high rates or in drenching sprays, Captan may cause necrotic spotting of tender, immature leaves of certain varieties of Apples, Cherries Peaches, and Plums. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy, humid weather. To avoid the hazard of leaf spotting under such conditions, use Captan and other spray materials at lower labeled rates and avoid drenching trees. Observe the most restrictive of the labeling limitations and precautions of all products used in the mixture.

### APPLICATION INFORMATION

Pour labeled amount of this material into nearly filled spray tank. Add balance of water. Maintain agitation during filling and spraying operations. Do not allow mixture to stand. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven them to be physically compatible and safe to plants. (Read "COMPATIBILITY AND PLANT SAFETY" section above).

Do not apply this product through any type of irrigation system.

**Note:** There are 6 level tablespoons per ounce of this product.

### USE PRECAUTIONS

Do not apply this product to seeds or seed products. Apply sufficient spray volume to provide thorough, even coverage. Do not apply this product through any type of irrigation system. Except as specified, begin applications before or at first sign of disease and repeat as needed to maintain control, but observe use limitations. Unless otherwise specified, application can be made on the day of harvest. Apply the higher rate and/or spray at shorter intervals when climatic conditions most favor disease(s). Apply the lower rate and/or spray at longer intervals when climatic conditions least favor disease(s). If you are unaware of the climatic conditions favorable for disease(s) claimed for the specific use sites, you must consult with your State Agricultural Extension Service to learn of these conditions.

**IMPORTANT:** Read label carefully. Although most of the directions on this label may be followed nationwide, a few are limited to either the Eastern U.S. (states east of the Rocky Mountains) or Western U.S. Follow those directions for your growing area where specified.

### ENTRY RESTRICTIONS

Do not allow people or pets to enter treated area until sprays have dried.

## FRUIT AND NUT CROPS

**ALMONDS:** Anthracnose, Brown rot, Leaf blight, Scab, Shothole, Twig and Blossom blight—Use 1 to 2.5 level tablespoons per 1 gallon of water. **SPECIFIC DIRECTIONS:** Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts per medium-size trees and 1 to 3 gallons for large/mature trees. Apply at popcorn, bloom and petal fall stages and full cover sprays. **Note:** Do not harvest Almonds within 30 days of last application. Do not apply more than 3.3 ozs. (19.8 tbs.) of this product per 1,000 sq. ft. per application.

**APPLES (Eastern U.S.):** Black rot (Frogeye), Botrytis blossom end rot, Primary scab—Use 1.5 level tablespoons per 1 gallon of water. **SPECIFIC DIRECTIONS:** Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts per medium-size trees and 1 to 3 gallons for large/mature trees. Apply at 10 to 14 day intervals as needed to maintain control in pre-bloom, petal fall and first cover sprays. For Frogeye leaf spot, also apply during the pre-bloom and bloom periods on a 10 to 14 day schedule. **Bitter rot, Black pox, Black rot, Botryosphaeria rot, Brooks fruit spot, Fly speck, Secondary scab, Sooty blotch**—Use 1 to 1.5 level tablespoons of this product per gallon of water. **SPECIFIC DIRECTIONS:** Apply at 10 to 14 day intervals in second and later cover sprays. **Note:** May be applied up to day of harvest. Do not use this product in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of Apples such as Baldwin, King, Red Delicious, Staymen, as severe injury and defoliation may occur. Do not apply more than 2.9 ozs. (17.4 tbsps.) of this product per 1,000 sq. ft. per application.

**APRICOTS:** Brown rot (Twig blight), Jacket rot—Use 1 to 1.5 level tablespoons of this product per 1 gallon of water. **SPECIFIC DIRECTIONS:** Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts per medium-size trees and 1 to 3 gallons for large/mature trees. Apply in red bud, bloom, 75% petal fall and cover sprays. **Note:** May be applied up to day of harvest. Do not apply more than 1.8 ozs. (11 tbsps.) of this product per 1,000 sq. ft. per application.

**BLUEBERRIES (Eastern U.S.):** Berry rot, Botrytis gray mold, Mummy berry—Use 2 level tablespoons per gallon of water. **SPECIFIC DIRECTIONS:** Start spray program when buds swell and earliest buds have loose scales. Repeat at 7 day intervals through blossom period. Repeat at 7 to 10 day intervals from late bloom. **Note:** May be applied up to day of harvest. Do not apply more than 1.8 ozs. (11 tbsps.) per 1,000 sq. ft. per application.

**CHERRIES (Eastern U.S.):** Botrytis rot, Brown rot, Leaf spot—Use 1.5 level tablespoons per 1 gallon of water. **SPECIFIC DIRECTIONS:** Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts per medium-size trees and 1 to 3 gallons for large/mature trees. Apply in pre-bloom, bloom, petal fall, shuck, cover and pre-harvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control Blossom blight. Repeat applications at 7 to 20 day intervals as needed to maintain control up to start of harvest. **Post-harvest sprays:** Leaf spot—Use 2.4 level tablespoons per 10 gallons of water. Apply immediately after harvest and repeat application in 10 to 14 days. **Note:** Preharvest sprays may be applied up to day of harvest. Do not apply more than 1.5 ozs. (9 tbsps.) of this product per 1,000 sq. ft. per application.

**GRAPES (Except CA):** Downy mildew, Phomopsis cane and leaf spot, suppression of Black rot—Use 1 to 1.5 level tablespoons per gallon of water **SPECIFIC DIRECTIONS:** Apply sufficient spray volume to provide thorough, even coverage when shoots are one half to 1.5 inches long; when shoots are 3 to 5 inches long and when shoots are 9 to 12 inches long. Repeat just before bloom, immediately after bloom and continue at 10 to 14 day intervals as long as disease conditions persist. Use the lower rate when spraying less susceptible Grape varieties or when conditions are less favorable for disease development. Use the higher rate on susceptible Grape varieties and during periods of weather highly favorable for disease development.

**Bunch rot (Botrytis)**—Use 1.5 level tablespoons per 1 gallon of water. **SPECIFIC DIRECTIONS:** Make 2 applications before bloom and immediately after bloom. Repeat periodically, making 3 cover applications before the bunches close. **Note:** May be applied up to day of harvest. Do not apply more than 1.5 ozs. (9 tbsps.) per 1,000 sq.ft. per application.

**NECTARINES:** Brown rot, Scab—Use 1.5 to 2.58 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts per medium-size trees and 1 to 3 gallons for large/mature trees. Apply in full pink, bloom, petal fall, shuck, cover and pre-harvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control Blossom blight. Repeat application at 7 to 14 day intervals as needed to maintain control. **Shothole Coryneum blight (Peach blight)**—Use 1.5 to 2.5 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Apply in pink bud, full bloom, petal fall and cover sprays as necessary and as a post-harvest spray (before leaves drop). **Note:** Pre-harvest spray may be applied up to day of harvest. Do not apply more than 2.9 ozs. (17.4 tbsps.) per 1,000 sq. ft.

**PEACHES:** Brown rot, Scab—Use 1 to 1.5 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts per medium-size trees and 1 to 3 gallons for large/mature trees. Apply in full pink, bloom, petal fall, shuck stages and in cover and pre-harvest sprays. When conditions are favorable, make applications at 3 to 4 day intervals during bloom to control Blossom blight. Repeat application at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor Brown rot. **Shothole Coryneum blight (Peach blight)**—Use 1.5 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Apply in pink bud, full bloom, petal fall and cover sprays as necessary and as a post-harvest spray (before leaves drop). **Note:** Pre-harvest sprays may be applied up to day of harvest. Do not apply more than 1.5 ozs. (9 tbsps.) per 1,000 sq. ft.

**PLUMS, FRESH PRUNES (Eastern U.S.):** Brown rot—Use 1.5 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts per medium-size trees and 1 to 3 gallons for large/mature trees. Apply in full pink, bloom, petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor Brown rot.

**PLUMS, FRESH PRUNES (Western U.S.):** Brown rot—Use 1 to 1.5 level tablespoons per gallon of water. SPECIFIC DIRECTIONS: Apply at green bud, popcorn, bloom and petal fall stages. Repeat in cover sprays as conditions warrant. **Prune russet scab (Lacy scab)**—Use 1 to 1.5 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Apply at full bloom. **Note: (All Plums, Prunes):** May be applied up to day of harvest. Do not apply more than 2.2 ozs. (13.2 tbsps.) per 1,000 sq. ft.

**STRAWBERRIES:** Botrytis (Gray mold), Leaf spot—Use 4 to 8 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Apply sufficient spray volume to provide thorough, even coverage. Begin applications when new growth starts in the Spring and before fruit starts to form. Repeat at 7 to 14 day intervals. Under conditions favorable to Fruit rot, continue applications through harvest period, treating immediately after each picking. **Antrachnose fruit rot** - (*Colletotrichum* spp.) Use 8 tablespoons per gallon of water. SPECIFIC DIRECTIONS: Apply in sufficient water for thorough coverage. Begin applications at emergence of flower buds. Repeat at 7 days interval through harvest. **Note:** May be applied up to day of harvest. Do not apply more than 2.2 ozs. (13.2 tbsps) per 1,000 sq. ft. per application.

## ORNAMENTALS

**USE PRECAUTIONS:** Do not apply to Ornamental plants listed below beyond the point of drip from the leaf surface. When applying as a drench, apply only sufficient mixture to wet the surface of the soil except when the dose is specified in terms of volume of mixture per square foot area.

**AZALEAS:** Damping-off of cuttings—Use 3.6 tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Dip cuttings before bedding. **Petal blight**—Use 2.4 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Apply to soil area around plants and spray flowers just before bloom. Repeat at 7 to 14 day intervals through bloom.

**BEGONIAS (Tuberous):** Damping-off, Tuber rot—Use 2.4 ozs. per 1 gallon of water. SPECIFIC DIRECTIONS: Dip tubers 30 minutes, drain and plant.

**CAMELLIAS:** Petal blight—Use 2.4 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Apply to drench soil around plants beginning when flowers start to open. Repeat at 7 to 10 day intervals through bloom.

**CARNATIONS:** Alternaria leaf spot, Rust—Use 2.4 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Begin applications at first sign of disease. Repeat at 7 to 10 day intervals. Shorten intervals during frequent rains and heavy dews. **Damping-off of cuttings**—Use 3.6 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Dip cutting before bedding.

**CHRYSANTHEMUMS:** Botrytis flower blight, Septoria leaf spot—Use 2.74 level tablespoon of this product per 1 gallon of water. SPECIFIC DIRECTIONS: Apply at first sign of disease. Repeat at 7 to 10 day intervals. **Damping-off of cuttings**—Use 3.6 level tablespoons of this product per 1 gallon of water. SPECIFIC DIRECTIONS: Dip cuttings before bedding.

**GLADIOLUS (Corms):** Corm rot and decay, Damping-off—Use 3.6 tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Dip corms 20 to 30 minutes. Drain and plant.

**ROSES:** Black spot, Botrytis blossom blight—Use 2.4 level tablespoons per 1 gallon of water. SPECIFIC DIRECTIONS: Begin at first growth or first sign of disease. Repeat at 7 to 14 day intervals and more frequently during frequent rains and heavy dews.

**SOIL and GREENHOUSE BENCH TREATMENT:** Preplant treatment for damping-off, root rot diseases on seedlings or transplants of roses (and other shrubs, trees, flowers) and lawn seedbeds - Use 1.9 tablespoons per 1 gallon or water. SPECIFIC DIRECTIONS: Apply 15 gallons of spray per 1,000 sq. feet. Cultivate into upper 3 to 4 inches of soil before planting. Do not allow people or pets to enter treated areas until sprays have dried. Once the treatment, and immediately following seedling and transplanting activities are complete, the surface of the soil cannot be disturbed for 48 hours.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal and cleaning of equipment.

**PESTICIDE STORAGE:** Keep pesticide in original container. Keep container tightly closed when not in use. Protect from excessive heat. Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. **If empty,** place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**WARRANTY—CONDITION OF SALE**

OUR DIRECTIONS 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. To the extent consistent with applicable laws, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable laws, 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.

For information and questions concerning this product please contact us by email at [support@southernag.com](mailto:support@southernag.com).