

PEARS: Pear Scab (except Pacific Northwest) - Primary infection - 1 1/2 pounds per 100 gallons spray. Apply during finger stage and petal-fall stage. Secondary infection - 1/2 pounds per 100 gallons spray during cover sprays. Severe scab infection - 1 1/2 pounds per 100 gallons spray. Additional treatments may be necessary. Rusting may be produced on Bosc pears. Do not use on U'Anjou pears.

PINEAPPLE: Heart rot (phytophthora parasitica) - Dip treatment - Dip slips in Security Captan 80-WP suspension of 1/2 pounds to 10 gallons spray immediately before planting (equivalent to approximately 12 1/2 pounds per acre). Heart rot (phytophthora parasitica), heart rot/root rot (phytophthora cinnamomi) - Spray treatment - If preferred, spray plants immediately after planting using 8 1/2 pounds Security Captan 80-WP per acre in sufficient water to cover. Direct spray at plants. Repeat 2 weeks after planting. Whether dip or spray treatment is used initially, repeat above spray at intervals of weeks or months as needed.

PRUNES, PLUMS: Brown rot - 1 1/2 pounds per 100 gallons 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 (facy scab in California) - 1 1/2 pounds per 100 gallons spray (5 pounds per acre). Apply at full bloom.

RASPBERRIES: Spur blight, anthracnose - 1 1/2 pounds per 100 gallons spray. Apply when blossoms are in bud (young canes are 8 to 10 inches long). Make second application 2 weeks later. Apply a fall spray after old canes are removed. Thorough coverage is essential. Fruit rot - 1 1/2 pounds to 100 gallons spray. Make 3 applications as follows: first - 3 to 5 days before harvest starts; second at mid-harvest; third - 8 to 10 days after the second application.

SOIL AND GREENHOUSE BENCH TREATMENT: Preplanting for damping-off and root rot diseases on seedlings or transplants of roses (and other shrubs and trees), many flowers and vegetables (such as beans, peas and cucurbits) and lawn seed beds - Apply as a dust at 3 to 4 oz. per 1000 square feet or spray at 1 1/2 pounds per 100 gallons spray using 15 gallons to each 1000 square feet. Cultivate into upper 3 to 4 inches of soil before planting.

STRAWBERRIES: Botrytis rot - 1 1/2 to 2 pounds per 100 gallons spray, applying 200 diluted gallons per acre (or equivalent of 2 1/2 to 3 1/2 pounds 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.

TARO (Hawaii only): Pythium soft rot - Apply 62 1/2 pounds per acre in 500 gallons water as a slurry in soil surface prior to planting. Till in to a depth of 6 inches or apply 62 1/2 pounds Security Captan 80-WP with fertilizer as a homogeneous dry mix and broadcast on the dry soil before taro is planted and the field is flooded. Apply only 1 preplant application. Do not use if leaves are to be used for food or feed. For use on wetland taro in Hawaii only.

TOMATOES: Early blight, late blight, gray leaf spot, anthracnose, septoria leaf spot - 1 1/2 pounds per 100 gallons spray or apply 2 1/2 to 3 1/2 pounds per acre in water to cover. Severe infection - 2 1/2 pounds per 100 gallons spray or apply 3 1/2 to 5 pounds per acre in water to cover. Apply at first sign of diseases. Repeat at 5 to 7 day intervals or as necessary to keep diseases under control.

TURF, LAWNS: Brown patch, leaf spot, damping-off, root rot - 1 1/2 pounds per 100 gallons spray. Apply 10 gallons to each 1000 square feet or apply 5 pounds per acre in water for coverage. Apply prior to infection. Repeat at 7 to 10 day intervals as necessary. Do not graze treated areas or feed chippings to livestock.

STORAGE AND DISPOSAL

STORAGE: Store pesticide in original container and place in a locked storage area. Opened pesticide containers should be securely resealed prior to storage. Protect from penetration of moisture, excessive heat or cold. Avoid cross-contamination with other pesticides or fertilizers. Use caution when storing pesticides in stacks.

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 at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: 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.

NOTICE: DISCLAIMER OF WARRANTY, MERCHANTABILITY AND LIABILITY: Security Lawn & Garden Products Company warrants that the product conforms to the chemical description on its label and when used in accordance with the directions on the label and under normal conditions is reasonably fit for the purposes stated on the label. SECURITY MAKES NO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, EXPRESSED OR IMPLIED, EXCEPT AS STATED ABOVE. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, conditions of application and other conditions relating to the use and handling of this product. As such risks are assumed by the purchaser, Security shall in no event be liable for consequential or incidental damages resulting from the use or handling of this product.

NET WEIGHT: 50 POUNDS

SECURITY LAWN & GARDEN PRODUCTS CO.
MANUFACTURERS ATLANTA, GA

SECURITY

Captan 80-WP

Agricultural Fungicide

ACTIVE INGREDIENTS:	
Captan®	75.7%
Related Derivatives	4.3%
INERT INGREDIENTS:	20.0%
	TOTAL 100.0%

*N-[[trichloromethyl] thio]-4-cyclohexene-1, 2-dicarboximide.
EPA REG. NO. 769-542 EPA EST. 769-GA-1

KEEP OUT OF REACH OF CHILDREN

ANGER

(See additional precautionary statements on the back panel)

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Give the victim water or milk to drink and telephone for medical advice. DO NOT make the victim vomit unless directed to do so by medical personnel. If medical advice cannot be obtained, then take the victim to the nearest medical emergency treatment center or hospital. **IF INHALED:** Remove victim to fresh air and administer artificial respiration if indicated. **IF ON SKIN:** Wash area immediately with soap and water. Seek medical attention if irritation persists. **IF IN EYES:** Flush eyes for 15 minutes with water and seek medical attention.

DANGER! 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.

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 the treated seeds are spilled and cannot be salvaged, completely cover them with soil.

ENDANGERED SPECIES RESTRICTIONS

The use of this product in a manner which may harm endangered species or adversely modify their habitat is prohibited by Federal law. The following endangered species and the general location of their habitats have been identified by county: **Slackwater Darter, Alabama** (Lauderdale, Limestone and Madison); **Tennessee** (Lawrence and Wayne); **Pecos gambusia, New Mexico** (Chaves and Eddy); **Texas** (Reeves, Jeff Davis and Pecos); **Freshwater Mussels, Tennessee** (Hancock, Claiborne, Hawkins and Sullivan); **Virginia** (Smyth, Scott, Lee, Washington and Grayson); **Commanche Springs Pupfish, Texas** (Reeves and Jeff Davis).

Prior to the use of this product in the above counties you must determine that these species are not located in, or immediately adjacent to, the areas to be treated with Captan. Consult your regional U.S. Fish and Wildlife Service office (Endangered Species Specialist) or State Wildlife Agency if there is any doubt as to the areas where the outdoor use of Captan is prohibited.

PHYSICAL OR CHEMICAL HAZARDS

Protect from excessive heat. Store in a cool, dry place.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **PROTECTIVE CLOTHING:** Mixers, loaders and applicators, when mixing, loading and applying, must wear mid-forearm to elbow-length natural or synthetic rubber, vinyl, or plastic gloves impermeable to Captan, boots or overshoes, one-piece overalls which bring long sleeves and long pants; face shield or goggles and a hat or other appropriate head covering. Fieldworkers and harvesters must wear natural or synthetic rubber, vinyl or plastic gloves impermeable to Captan residues. Leather or fabric gloves are not acceptable. A dust mask must be worn when mixing and loading this product. Clothing worn while loading, mixing, and applying this product must be laundered separately from other clothing before reuse. Clothing that may have been drenched or heavily contaminated must be disposed of in accordance with State and Local regulations.

USE PRECAUTIONS: Do not rotate a foliar treated crop with crops other than those wither Captan uses. Do not allow persons to enter treated areas within 4 days following application unless protective clothing is worn. Conspicuously post entry information site of application.

GREENHOUSE PRECAUTIONS: Only the applicator is permitted to be in the greenhouse

during the application of Captan to soil. Open vents to greenhouse during application and for at least 1 hour after application. Workers planting in Captan treated soil in greenhouse must wear gloves impermeable to Captan. **NOTE:** For concentrate sprayer applications, the same quantity (per acre) of Security Captan 80-WP as would be normally applied when spraying dilute mixture should be applied to each acre in sufficient water for coverage. When more than one rate is given, use the higher rate when conditions are most favorable for disease occurrence and use the lower rate when conditions are less favorable for disease occurrence. **COMPATIBILITY:** Security Captan 80-WP may be combined with most commonly used insecticides, adjuvants and fungicides with the exception of strongly alkaline materials such as hydrated lime which reduces the fungicidal activity. Do not use this product in combination with oil sprays or with solvent formulations of parathion products. Do not use this product on foliage closely following oil sprays.

ALMONDS: Brown rot, shot-hole, scab, leaf blight - 1 1/2 pounds to 100 gallons 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 - 1 to 1 1/2 pounds per 100 gallons spray. Apply at 5 to 7 day intervals as needed to maintain low in prebloom, bloom, petal-fall and first cover spray. Secondary scab, Brooks fruit spot, fly-sparking - 10 oz. per 100 gallons spray. Apply in second and later cover sprays up to start of harvest. Severe infection - 1 1/2 pounds per 100 gallons spray. Better rot, black rot, botryosphera, black pox - 1 1/2 pounds per 100 gallons of spray. Bull's eye rot, botrytis rot - 1 1/2 pounds per 100 gallons spray. Make 1 or 2 applications with late cover sprays and 1 or 2 preharvest applications. Security Captan 80-WP should not be used in combination with or closely following or in alternation with wettable sulphur products on sulphur sensitive varieties of apples such as Red Delicious, Stayman, Baldwin, King, etc. as severe foliage injury and defoliation may occur. Foliage injury may at times occur to Red Delicious, Winesap and other sensitive varieties of apples in early season spray.

APRICOTS: Brown rot (twig blight), pocket rot - 1 1/2 pounds per 100 gallons spray. Apply at red bud stage, bloom, and repeat at 75 percent petal fall.

ASPARAGUS: Preplanting root dip - stimulation of shoot growth - 30 oz. to 100 gallons spray. Dip root sections for 1 minute, drain and plant.

BEANS, PEAS: Damping-off on beans, root rot on beans and peas - broadcast 6% to 7 1/2 pounds per acre. Work into upper 3 or 4 inches of soil or apply 3 to 3 1/2 pounds per acre in row at planting time.

CANTALOUPE, CUCUMBERS, SUMMER SQUASH, WINTER SQUASH, WATERMELONS, PUMPKINS: Anthracnose, downy mildew - 1 1/2 pounds per 100 gallons spray or apply 2 1/2 pounds 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 disease under control.

CARROTS: Septoria leaf spot, carnospora blight - 1 1/2 pounds per 100 gallons of spray. Apply 2 1/2 pounds per acre in water to cover. Apply at first sign of diseases. Repeat at 6 to 10 day intervals.

CELERY: Late blight (septoria), pink rot (sclerotinia) - 1 1/2 pounds per 100 gallons spray. Apply 200 diluted gallons per acre or equivalent of 2 1/2 pounds per acre in water for coverage. Apply at first signs of diseases. Repeat at 7 to 10 day intervals as necessary to maintain control.

CELERY SEED BED TREATMENT: Damping off, pink rot, PEPPERS, Damping off - 1 1/2 pounds per 100 gallons spray. Spray or drench at 10 to 15 gallons per 1000 square feet of seed bed. Apply when all seeds have germinated. Repeat as necessary.

CHERRIES: Cherry leaf spot (West only), brown rot, botrytis rot - 1 1/2 pounds per 100 gallons spray. Spray at prebloom, bloom, petal fall.

CITRUS (grapefruit, lemons, oranges, tangelos, langerines) **Brown rot** (phytophthora) - 1 1/2 to 2 1/2 pounds to 100 gallons spray. Apply to skirts of trees before winter rains. Wet tree thoroughly to height of 3 to 4 feet. Repeat 10 to 12 weeks later. **Melanose scab** (oranges, tangelos) - 1 1/2 pounds plus spray sticker per 100 gallons spray. Apply as necessary from 1/2 petal-fall until fruit is 1/2 inch in diameter. Do not apply after fruit size exceeds 1/2 inch in diameter. Do not feed raw by-products to livestock.

DAMPING-OFF on cuttings of arables, carnations and chrysanthemums - Dip cutting in a suspension of 2 1/2 pounds per 100 gallons spray before bedding.

GRAPES: Downy mildew, black rot - 1 1/2 pounds in 100 gallons 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) - 1 1/2 pounds per 100 gallons spray, 2 to 3 pounds 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 2 1/2 to 3 1/2 pounds per acre. (Northeast) - 1 1/2 pounds per 100 gallons spray. Make first application when new growth is 4 to 6 inches long. Repeat when growth is 8 to 10 inches long.

LETTUCE, SPINACH: Downy mildew - 1 1/2 pounds per 100 gallons spray. Apply 100 to 200 gallons of spray per acre. Apply at first signs of disease. Repeat at 7 to 10 day intervals as necessary to maintain control.

MANGO: Carcospora spot or blotch - 1 1/2 pounds per 100 gallons spray. Apply at first sign of diseases. Repeat at regular intervals as necessary to maintain control.

ORNAMENTALS: Roses - black spot, carnations - rust and alternaria leaf spot, Chrysanthemums - botrytis flower blight - 1 1/2 pounds per 100 gallons spray. Apply at first sign of diseases. Cover upper and lower leaf surfaces thoroughly. Repeat every 7 to 10 days.

PEACHES, NECTARINES: Brown rot, scab, coryneum blight (shot-hole) - 1 1/2 to 2 1/2 pounds per 100 gallons 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 6 1/2 pounds per acre. 7 1/2 pounds per acre may be applied up to 1 day of harvest.

ACCEPTED
SEP 18 1986
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, by the pesticide
registered under
EPA Reg. No. 769-542