CAPTAN 80 WDG
A Fungicide for Plant Disease Control

CAPTAN 80 WDG is a water-dispersible granule for use in water as a spray for the control of listed fungal diseases of fruit and as a soil treatment for the control of listed seed rots and damping-off diseases.

ACTIVE INGREDIENTS: % BY WT.
Captan: N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide. 80.0%
OTHER INGREDIENTS. 20.0%
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 this label, find someone to explain it to you in detail.)
EPA Reg. No. 42750-231
EPA Est. No. 86563-CHN-001
CAUSES IRREVERSIBLE EYE DAMAGE

SEE INSIDE LEAFLET FOR FIRST AID INSTRUCTIONS, ADDITIONAL PRECAUTIONARY STATEMENTS AND COMPLETE DIRECTIONS FOR USE.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL CHEMTREC at 1-800-424-9300.

Manufactured for:
ALBAUGH, LLC
1525 NE 36th Street
Ankeny, Iowa 50021

Net Weight: 30 Lbs. (13.6 Kgs)
Product of China
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 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.

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 the poison control center or doctor.
• Do not give anything by mouth to an unconscious 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.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
For 24-hour emergency assistance involving an exposure or transport accident, call CHEMTREC 1-800-424-9300.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER
Causes irreversible eye damage. Harmful if swallowed or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes. Avoid contact with skin and clothing. Avoid inhalation of dust or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selector. All mixers, loaders, applicators, and other handlers (including handlers participating in seeding and transplanting as part of root-dop or greenhouse-soil treatments must wear:

• Long-sleeved shirt and long pants
• Shoes plus socks
• Protective eyewear
• Chemical-resistant gloves made of any waterproof material (except pilots, flaggers or applicators driving motorized equipment) such as barrier laminates, butyl rubber, natural rubber, neoprene rubber, or nitrile rubber >14 mils
• Chemical-resistant aprons for full-body protection, participating in dip treatments, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate.

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT
When handlers use closed systems, 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. 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, or to areas where surface water is present, or to tidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinseate.

RESISTANCE MANAGEMENT
GROUP M FUNGICIDE
This product is a Group M fungicide. Fungal isolates with acquired resistance to Group M fungicides may eventually dominate the fungal population if Group M fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group M fungicides.

To delay fungicide resistance consider:
• Avoiding consecutive use of this product or other target site of action Group M fungicides that have a similar target site of action on the same pathogens.
• Using tank mixtures or pre-mixes with fungicides from different site of action Groups as long as the involved products are all registered for the same use and are both effective at the mix or repack rate on the pathogen(s) of concern.
• Basing fungicide use on a comprehensive IPM program.
• Monitoring treated crops for populations of loss of field efficacy.
• Contacting your local extension specialist certified crop advisors and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

The multi-site activity grouping designated by the symbol M comprises a collection of various chemicals that act as general toxicophores with several sites of action. These sites may differ between group members.
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 80 WDG and other spray materials at lowest rates and avoid drenching trees.

Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

Applications can be made by aircraft or ground power equipment (including concentrate and semi-concentrate equipment). Pour recommended 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 information.)

For aerial or concentrate spray applications, apply the same amount of CAPTAN 80 WDG per acre as would normally be applied for dilute spray applications. Apply aerial or concentrate sprays in sufficient water for coverage.

**CHEMIGATION STATEMENT**

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

**USE PRECAUTIONS**

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. Maximum application is for a crop cycle. Crop cycle is defined as prebloom through postharvest. Apply the high rate and/or spray at shorter intervals when climatic conditions most favor disease(s).

**APPLICATION RATE**

Apply the low rate and/or spray at larger intervals when climatic conditions least favor disease(s). If you are applying emulsifiable liquids or wettable powders unless previous experience has proven them to be physically compatible and safe to plants. (Read compatibility and plant safety information.)

For aerial or concentrate spray applications, apply the same amount of CAPTAN 80 WDG per acre as would normally be applied for dilute spray applications. Apply aerial or concentrate sprays in sufficient water for coverage.

**FRUIT AND NUT CROPS**

**ALMONDS**

- **Brown rot twig and blossom blight**
  - **Shothole**
  - **Scab**
- **Leaf blight**
- **Anthracnose**
- **(for control of anthracnose, use in a disease and resistance management program of rotational sprays with other approved materials)**

**APPLICATION RATE**

- **Brown rot twig and blossom**
  - **Application Rate:** 2.5 to 6
  - **Directions:** Apply at popcorn, bloom, petal fall, post petal fall, and full-cover sprays. Apply in 20 to 300 gallons of water using ground equipment or in 5 to 20 gallons of water by air.
  - **Use:** 3.75 to 6 pounds of product per acre when captan is used alone. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, CAPTAN 80 WDG may be used in a tank mix at a rate of 2.5 to 3.75 lbs. product per acre. Almond hulls may be fed to livestock.

**RESTRICTIONS:**
- Do not apply within 30 days of harvest.
- Do not apply more than 25 pounds of CAPTAN 80 WDG per acre per crop cycle.
- **REI** is 24 hours.

**APRICOTS**

- **Brown rot (twig blight)**
- **Jacket rot**

**APPLICATION RATE**

- **Brown rot (twig blight)**
  - **Application Rate:** 1.87 to 3.12
  - **Directions:** Apply in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Make 1 or 2 applications with late cover sprays.
  - **To reduce the potential for disease resistance development to other fungicides having a similar spectrum, the lower rate in tank mixtures.**

**RESTRICTIONS:**
- Do not apply more than 15.6 pounds of CAPTAN 80 WDG per acre per crop cycle.
- May be applied up to day of harvest.
- **REI** is 24 hours.

**BLUEBERRIES (East of the Rockies)**

- **Botrytis gray mold or berry rott**
- **Mummy berry**

**APPLICATION RATE**

- **Botrytis gray mold or berry rott**
  - **Application Rate:** 3.12
  - **Directions:** Apply in sufficient water for thorough coverage or a minimum of 5 gallons of water by air. Start spray program when buds swell or when buds have loose scales. Repeat at 7-day intervals through blossom period. Repeat at 7- to 10-day intervals from late bloom.

**RESTRICTIONS:**
- Do not apply more than 43.75 pounds of CAPTAN 80 WDG per acre per crop cycle.
- May be applied up to day of harvest.
- **REI** is 48 hours.

**APPELLES (East of the Rockies)**

- **Primary scab**
- **Black rot (troghy)**
- **Botrytis blossom-end-rot**

**APPLICATION RATE**

- **Primary scab**
  - **Application Rate:** 5.0
  - **Directions:** Apply in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air.
  - **Use:** 5- to 7-day intervals as needed to maintain control in prebloom, bloom, petal fall, and first cover sprays.

- **Secondary scab**
  - **Application Rate:** 2.5 to 5.0
  - **Directions:** Apply in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air.
  - **Use:** 10- to 14-day intervals in second and later cover sprays.

**RESTRICTIONS:**
- Do not apply more than 40 pounds of CAPTAN 80 WDG per acre per crop cycle.
- Do not apply more than 5 lbs. per acre per application.
- May be applied up to day of harvest.
- **REI** is 24 hours.

**APPELLES (West of the Rockies)**

- **Primary scab**
- **Secondary scab**

**APPLICATION RATE**

- **Primary scab**
  - **Application Rate:** 2.5 to 5.0
  - **Directions:** Apply in 20 to 400 gallons of water per acre using ground equipment or in 5 to 20 gallons of water by air. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, the lower rate may be used in tank mixtures.

- **Secondary scab**
  - **Application Rate:** 3.75
  - **Directions:** Apply in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Make 1 or 2 applications with late cover sprays and 1 final spray prior to harvest.

**RESTRICTIONS:**
- Do not apply more than 40 pounds of CAPTAN 80 WDG per acre per crop cycle.
- Do not apply more than 5 lbs. per acre per application.
- May be applied up to day of harvest.
- **REI** is 24 hours.

**APPELLES (Pacific Northwest):**

- **Bull’s eye rot**
- **Botrytis rot**

**APPLICATION RATE**

- **Bull’s eye rot**
  - **Application Rate:** 3.75
  - **Directions:** Apply in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Make 1 or 2 applications with late cover sprays and 1 final spray prior to harvest.

**RESTRICTIONS:**
- Do not apply more than 40 pounds of CAPTAN 80 WDG per acre per crop cycle.
- Do not apply more than 5 lbs. per acre per application.
- May be applied up to day of harvest.
- **REI** is 24 hours.

**SHOTSHELL**

- **Brown rot (twig blight)**
- **Jacket rot**

**APPLICATION RATE**

- **Brown rot (twig blight)**
  - **Application Rate:** 1.87 to 3.12
  - **Directions:** Apply in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Make 1 or 2 applications with late cover sprays.
  - **To reduce the potential for disease resistance development to other fungicides having a similar spectrum, the lower rate in tank mixtures.**

** RESTRICTIONS:**
- Do not apply more than 15.6 pounds of CAPTAN 80 WDG per acre per crop cycle.
- May be applied up to day of harvest.
- **REI** is 24 hours.

**BLUEBERRIES (West of the Rockies)**

- **Botrytis gray mold or berry rott**
- **Mummy berry**

**APPLICATION RATE**

- **Botrytis gray mold or berry rott**
  - **Application Rate:** 3.12
  - **Directions:** Apply in 20 to 200 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Start spray program when buds swell or when buds have loose scales. Repeat at 7-day intervals through blossom period. Repeat at 7- to 10-day intervals from late bloom.

**RESTRICTIONS:**
- Do not apply more than 43.75 pounds of CAPTAN 80 WDG per acre per crop cycle.
- May be applied up to day of harvest.
- **REI** is 48 hours.

**BLUEBERRIES (East of the Rockies)**

- **Botrytis gray mold or berry rott**
- **Mummy berry**

**APPLICATION RATE**

- **Botrytis gray mold or berry rott**
  - **Application Rate:** 1.25 to 3.12
  - **Directions:** Apply in 20 to 200 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Start spray program when buds swell or when buds have loose scales. Repeat at 7-day intervals through blossom period. Repeat at 7- to 10-day intervals from late bloom.

**RESTRICTIONS:**
- Do not apply more than 43.75 pounds of CAPTAN 80 WDG per acre per crop cycle.
- May be applied up to day of harvest.
- **REI** is 48 hours.
**BLACKBERRIES, RASPBERRIES, DEWBERRIES**  
(Not registered for use in California)

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (Lbs. Product/Acre)</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose</td>
<td>2.5</td>
<td>Apply 2.5 pounds CAPTAN 80 WDG per acre when blossoms are in bud (young canes are 8–10 inches long). Make a second application two weeks later. Apply a fall spray after old canes are removed.</td>
</tr>
<tr>
<td>Botrytis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spur blight</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fruit rot</td>
<td>2.5</td>
<td>Apply at early bloom (5–10% bloom) and again at full bloom. Additional applications can be made at 10- to 14-day intervals as needed. Apply CAPTAN 80 WDG as indicated above in 45–100 gallons of water per acre. Use the higher volume as foliage increases.</td>
</tr>
</tbody>
</table>

**RESTRICTIONS:**  
- Do not apply more than 12.5 pounds of CAPTAN 80 WDG per acre per season.  
- Do not apply within 3 days of harvest.  
- The REI is 48 hours.

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**CHERRIES (East of the Rockies)**

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (Lbs. Product/Acre)</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown rot</td>
<td>2.5</td>
<td>Apply in 20 to 200 gallons of water using ground equipment or in 10 to 20 gallons of water by air. 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.</td>
</tr>
<tr>
<td>Leaf spot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Botrytis rot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Powdery mildew</td>
<td></td>
<td>If powdery mildew is a problem, add 6 lbs. sulfur per acre to the petal fall, shuck, and early cover sprays. If sulfur is added, CAPTAN 80 WDG may be reduced to 1.25 pounds per acre in these sprays.</td>
</tr>
<tr>
<td>Leaf spot (Post-harvest sprays)</td>
<td></td>
<td>Apply in 20 to 200 gallons of water using ground equipment. Apply immediately after harvest and repeat application in 10 to 14 days.</td>
</tr>
</tbody>
</table>

**RESTRICTIONS:**  
- Do not apply more than 17.5 pounds of CAPTAN 80 WDG per acre per crop cycle.  
- May be applied up to day of harvest.  
- The REI is 24 hours.

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**CHERRIES (West of the Rockies)**

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (Lbs. Product/Acre)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Brown rot blossom blight</td>
<td>1.87 to 2.5</td>
<td>Apply in 20 to 200 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in pre-bloom, bloom, petal fall, shuck, cover, and pre-harvest sprays.</td>
</tr>
<tr>
<td>Leaf spot (fruit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>leaf spot</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RESTRICTIONS:**  
- Do not apply more than 17.5 pounds of CAPTAN 80 WDG per acre per crop cycle.  
- May be applied up to day of harvest.  
- The REI is 24 hours.

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**GRAPES (U.S. except California)**

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (Lbs. Product/Acre)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Phomopsis cane and leaf spot</td>
<td>1.25 to 2.5</td>
<td>Apply in 20 to 200 gallons of water using ground equipment or in 7 to 20 gallons of water by air if shoots are 0.5 to 1.5 inches long, when shoots are 3 to 5 inches long, 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.</td>
</tr>
<tr>
<td>Powdery mildew</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suppression of black rot</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RESTRICTIONS:**  
- Do not apply more than 15 pounds of CAPTAN 80 WDG per acre per crop cycle.  
- May be applied up to day of harvest.  
- The REI is 48 hours.

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**GRAPES (California only)**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Bunch rot (Botrytis)</td>
<td>2.5</td>
<td>Apply in 20 to 200 gallons of water using ground equipment or in 7 to 20 gallons of water by air. Make 2 applications before bloom and 1 immediately after bloom. Repeat periodically, making 3 cover applications before the bunches close.</td>
</tr>
<tr>
<td>Phomopsis cane and leaf spot (current season infection)</td>
<td>2.0 to 2.5</td>
<td>Apply in 20 to 200 gallons of water using ground equipment or apply 2.5 pounds CAPTAN 80 WDG per acre in 7 to 20 gallons of water by air.</td>
</tr>
<tr>
<td>Powdery mildew</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RESTRICTIONS:**  
- Do not apply more than 15 pounds of CAPTAN 80 WDG per acre per crop cycle.  
- May be applied up to day of harvest.  
- The REI is 48 hours.

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**NECTARINES**

<table>
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<tr>
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<tbody>
<tr>
<td>Brown rot</td>
<td>2.5 to 5.0</td>
<td>Apply in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rates of CAPTAN 80 WDG in tank mixes. 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. Continue applications throughout harvest if conditions favor brown rot.</td>
</tr>
<tr>
<td>Scab</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coryneum blight (peach blight, shothole)</td>
<td>2.5 to 5.0</td>
<td>Apply in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air.</td>
</tr>
<tr>
<td>Powdery mildew</td>
<td>2.5 to 5.0</td>
<td>If powdery mildew is a problem, add 7.5 lbs. sulfur per acre to the petal fall, shuck, and early cover spray. If sulfur is added, CAPTAN 80 WDG may be reduced to 1.6 pounds per acre in these sprays.</td>
</tr>
</tbody>
</table>

**RESTRICTIONS:**  
- Do not apply more than 30 pounds of CAPTAN 80 WDG per crop cycle (including postharvest sprays).  
- Pre-harvest sprays may be applied up to day of harvest.  
- The REI is 24 hours.
**PEACHES**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Brown rot Scab</td>
<td>2.5 to 5.0</td>
<td>Apply in 20 to 400 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Use lower rates when tank mixes with fungicides of similar spectrum of activity are used. Apply at green bud, popcorn, bloom, and petal fall stages. Repeat in cover sprays as conditions warrant.</td>
</tr>
<tr>
<td>Coryneum blight (peach blight, shot hole)</td>
<td>5.0</td>
<td>Apply in 20 to 400 gallons of water using ground equipment or in 10 to 20 gallons of water by air. In full pink, bloom, petal fall stages, and cover sprays as necessary and as a post harvest spray (but before leaves drop).</td>
</tr>
<tr>
<td>Powdery mildew</td>
<td>2.5 to 5.0</td>
<td>If powdery mildew is a problem, add 12 pounds sulfur per acre to the petal fall, shuck, and early cover spray. If sulfur is added, CAPTAN 80 WDG may be reduced to 2.5 pounds per acre in these sprays.</td>
</tr>
</tbody>
</table>

**PLUMS, FRESH PRUNES (East of the Rockies)**

<table>
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<tr>
<th>DISEASE</th>
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<tbody>
<tr>
<td>Brown rot</td>
<td>3.75</td>
<td>Apply in 20 to 300 gallons of water using ground equipment or in 10 to 20 gallons of water by air. In full pink, bloom, petal fall stages. Repeat applications at 7- to 14 day intervals during bloom to control blossom blight. Then repeat application at 7- to 14-day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot.</td>
</tr>
</tbody>
</table>

**PLUMS, FRESH PRUNES (West of the Rockies)**

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<tbody>
<tr>
<td>Brown rot</td>
<td>2.5 to 3.75</td>
<td>Apply in 20 to 300 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Use lower rates when tank mixes with fungicides of similar spectrum of activity are used. Apply at green bud, popcorn, bloom, and petal fall stages. Repeat in cover sprays as conditions warrant.</td>
</tr>
<tr>
<td>Prune rust scab (lacy scab)</td>
<td>2.5 to 3.75</td>
<td>Apply in 20 to 300 gallons of water using ground equipment. Apply at full bloom.</td>
</tr>
</tbody>
</table>

**STRAWBERRIES**

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (Lbs. Product/Acre)</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botrytis (gray mold)</td>
<td>1.87 to 3.75</td>
<td>Apply by broadcast spray in sufficient water for thorough coverage by ground equipment or in 10 to 20 gallons of water by air. 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.</td>
</tr>
</tbody>
</table>

**PEACH PREPLANT ROOT DIP (California)**

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (Lbs. Product/Acre)</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preventive pre-plant dip treatment for crown gall</td>
<td>2.5</td>
<td>Use CAPTAN 80 WDG plus 3.2 pints sodium hypochlorite (5.25% household bleach) per 100 gallons of water. Wash nursery trees to remove soil from roots. Cut off all dormant buds and suckers in crown area and prune root system if necessary. Submerge the entire dormant tree for 5 minutes. Recharge dip during operation at a rate of 3.2 pints diluted sodium hypochlorite per 100 gallons of water.</td>
</tr>
</tbody>
</table>

**GRASSES**

**GRASSES (Ornamental in non-pastured areas only)/TURF (Golf course)**

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (per 100 gals. of water)</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown patch</td>
<td>1.25 lbs.</td>
<td>Apply 10 gallons of spray per 1,000 square feet. Begin when growth starts in Spring. Repeat at 7- to 14-day intervals throughout season. Do not apply more than 5.4 lbs. per acre per application. Do not apply more than 10.75 pounds of this product per acre per season. Do not graze treated areas or feed clippings to livestock. Do not enter or allow others to enter until sprays have dried. Do not apply to turf in residential areas including homes, apartment buildings, daycare centers, schools, playgrounds, parks, recreational areas, sports fields or other residential areas.</td>
</tr>
<tr>
<td>Brown spot (on St. Augustine grass)</td>
<td>1.25 lbs.</td>
<td>Apply 10 gallons of spray per 1,000 square feet. Cullivare into upper 3 to 4 inches before planting. Do not apply more than 5.4 pounds per acre per application. Do not apply more than 10.75 pounds of this product per acre per season. Do not graze treated areas or feed clippings to livestock. Do not enter or allow others to enter until sprays have dried. Do not apply to turf in residential areas including homes, apartment buildings, daycare centers, schools, playgrounds, parks, recreational areas, sports fields or other residential areas.</td>
</tr>
</tbody>
</table>

**GRASSES (Lawn Seedbeds)/TURF (Golf course)**

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (per 100 gals. of water)</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Damping-off and other soilborne diseases</td>
<td>1.25 lbs.</td>
<td>Apply 10 gallons of spray per 1,000 square feet. Cullivare into upper 3 to 4 inches before planting. Do not apply more than 5.4 pounds per acre per application. Do not apply more than 10.75 pounds of this product per acre per season. Do not graze treated areas or feed clippings to livestock. Do not enter or allow others to enter until sprays have dried. Do not apply to turf in residential areas including homes, apartment buildings, daycare centers, schools, playgrounds, parks, recreational areas, sports fields or other residential areas.</td>
</tr>
</tbody>
</table>

**ROSES**

**ROSES (Not For Use in California unless accompanied by a Supplemental Label)**

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (per 100 gals. of water)</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black spot</td>
<td>1.25 lbs.</td>
<td>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.</td>
</tr>
<tr>
<td>Botrytis blossom blight</td>
<td>1.25 lbs.</td>
<td>Apply by broadcast spray in sufficient water for thorough coverage by ground equipment or in 10 to 20 gallons of water by air. 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.</td>
</tr>
</tbody>
</table>

**RESTRICTIONS:**

- Do not apply more than 40 pounds of CAPTAN 80 WDG per acre per crop cycle (including postharvest sprays).
- Pre-harvest sprays may be applied up to day of harvest.
- The REI is 24 hours.

- Do not apply more than 33.75 pounds of CAPTAN 80 WDG per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.

- Do not apply more than 33.75 pounds of CAPTAN 80 WDG per acre per crop cycle.
- May be applied up to day of harvest.
- The REI is 24 hours.

- Do not apply more than 33.75 pounds of CAPTAN 80 WDG per acre per crop cycle.
- May be applied up to day of harvest.
- The REI is 24 hours.

- Do not apply more than 30 lbs. of CAPTAN 80 WDG per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.

- Do not apply more than 5.4 pounds per acre per application.
- Do not apply more than 10.75 pounds of this product per acre per season.
- Do not graze treated areas or feed clippings to livestock. Do not enter or allow others to enter until sprays have dried. Do not apply to Turf in residential areas including homes, apartment buildings, daycare centers, schools, playgrounds, parks, recreational areas, sports fields or other residential areas.

- Do not apply more than 10.75 pounds of this product per acre per season.
- Do not graze treated areas or feed clippings to livestock. Do not enter or allow others to enter until sprays have dried. Do not apply to Turf in residential areas including homes, apartment buildings, daycare centers, schools, playgrounds, parks, recreational areas, sports fields or other residential areas.

- Do not apply more than 10.75 pounds of this product per acre per season.
- Do not graze treated areas or feed clippings to livestock. Do not enter or allow others to enter until sprays have dried. Do not apply to Turf in residential areas including homes, apartment buildings, daycare centers, schools, playgrounds, parks, recreational areas, sports fields or other residential areas.

- Do not apply more than 5.4 pounds per acre per application.
- Do not apply more than 10.75 pounds of this product per acre per season.
- Do not graze treated areas or feed clippings to livestock. Do not enter or allow others to enter until sprays have dried. Do not apply to Turf in residential areas including homes, apartment buildings, daycare centers, schools, playgrounds, parks, recreational areas, sports fields or other residential areas.

- Do not apply more than 10.75 pounds of this product per acre per season.
- Do not graze treated areas or feed clippings to livestock. Do not enter or allow others to enter until sprays have dried. Do not apply to Turf in residential areas including homes, apartment buildings, daycare centers, schools, playgrounds, parks, recreational areas, sports fields or other residential areas.
SOIL and GREENHOUSE BENCH TREATMENT
(Not For Use in California unless accompanied by a Supplemental Label)

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>APPLICATION RATE (per 100 gals. of water)</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preplant treatment for damping-off root rots in seedlings or transplants of roses (and other shrubs, trees, flowers, and lawn seedbeds)</td>
<td>1.25 lbs.</td>
<td>Apply 15 gallons of spray per 1,000 square feet. Culti- vate into upper 3 to 4 inches of soil before planting. The REI for soil and greenhouse bench treatments is 48 hours. Once the treatment and any seeding or transplanting tasks are complete, the 48-hr. REI begins. EXCEPTION: Once the seeds or transplants are planted in the soil, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with the soil subsurface.</td>
</tr>
</tbody>
</table>

POST-HARVEST FRUIT APPLICATION
(For use in mechanical fruit dip operations only. Hand dipping of fruit is prohibited.)

For control of various molds and storage rots (Botrytis, Geosporium, Rhizopus).
Use as a post-harvest dip or spray wash on the following fruits:
Apples, Cherries, Pears: Use 1.6 pounds CAPTAN 80 WDG per 100 gallons of water. Apply as a spray or in a dip tank. When used as a dip, recharge wash solution periodically when tank volume is reduced by 25%. Bring water back to volume and add 1.6 pounds CAPTAN 80 WDG for each 100 gallons added. At the end of every 8-hour shift, empty tank, flush, and charge with fresh dilution. Do not allow tank solution to stand overnight. Maintain continuous agitation during dipping operation. For post-application fruit dips: Do not contact or allow others to contact the treated fruit until sprays have dried.

DISPOSAL OF LEFTOVER POSTHARVEST TREATMENT MIXTURE:
Leftover dip or spray mixtures containing Captain may be used as a foliar spray for the same crop in case of apples and cherries (but not pears) as treated by the dip or spray mixture, observing all restrictions such as maximum pounds applied per application and season.
When calculating application rates, if analytical services are not available to determine the exact quantity of Captain remaining in the mixture, assume that the tank still contains 1.6 pounds of CAPTAN 80 WDG per 100 gallons of water. If the dip or spray mixture contains other pesticides in addition to CAPTAN 80 WDG, refer to the product labels for information regarding disposal. CAPTAN 80 WDG wastes are acutely hazardous to the eyes. Improper disposal of spray or dip tank mixtures is a violation of Federal Law. If the leftover dip or spray mixture cannot be disposed of in the manner prescribed above, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance concerning the disposal of spent or excess dip tank mixtures.

NON-FOOD/ORNAMENTALS
(Not For Use in California Unless Accompanied by a Supplemental Label)

USE PRECAUTIONS: Do not apply spray to ornamental plants beyond the point of drip from the leaf surface. 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 of area.
Restricted-Entry Interval (REI): 48 hours. Workers may not enter the treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plants, soil or water if they do not wear the early-entry PPE listed Agricultural Use requirements box.
AZALEAS
Damping-off of cuttings – Mix 2.5 pounds CAPTAN 80 WDG per 107 gallons of water. Dip cuttings in the mixture before bedding.
Petal Blight – Use 1.25 pounds CAPTAN 80 WDG per 100 gallons of water. Apply to the soil around the plants just before bloom. Repeat at 7- to 14-day intervals through bloom.
BEGONIAS (Tuberosus)
Damping-off, tuber rot – Use 2.5 pounds CAPTAN 80 WDG per 100 gallons of water. Dip tubers in mixture for 3 minutes, drain and store. PRUNE before setting.
CAMELLIAS
Petal Blight – Use 0.625 pound CAPTAN 80 WDG per 100 gallons of water. Apply to drench soil around plants beginning when flowers begin to open. Repeat at 7- to 10-day intervals through bloom.
CARNATIONS
Alternaria Leafspot, Rust – Use 1.25 pounds CAPTAN 80 WDG per 100 gallons of water. Begin application at first sign of disease. Repeat at 7- to 10-day intervals. Shorten intervals if there are frequent rains and heavy dew. Damping-off of cuttings – Use 2.5 pounds CAPTAN 80 WDG per 100 gallons of water. Dip cuttings in mixture before bedding.
CHRYSANTHEMUM
Botrytis Flower Blight, Septoria Leafspot – Use 1.5 pounds CAPTAN 80 WDG per 100 gallons of water. Apply at first sign of disease. Repeat at 7- to 10-day intervals.
Damping-off of cuttings – Use 2.5 pounds CAPTAN 80 WDG per 100 gallons of water. Dip cuttings in mixture before bedding.
DICHRONDRA (California only)
White Mold – Use 5.3 lbs. per acre per application CAPTAN 80 WDG per 100 gallons of water. Apply 1 gallon of spray per 10 square feet. Make only 2 applications per season at a minimum of 7-day intervals. Do not exceed 10.75 lbs. per acre season.

GINGSEN
Not for use in California unless accompanied by a supplemental label
For control of Cylindrocarpon root rot (Cylindrocarpon destructans), Grey mold (Botrytis cinerea), Phytophthora root rot (Phytophthora cactorum), Pythium root rot (Pythium spp.) and Rhizoctonia root and crown rot (Rhizocto- nia solani).
Apply a 2.5 lbs./per 100 gallons of water dilution at 7- to 10-day intervals or when conditions favor disease develop- ment. For control of root and crown diseases apply as a drench in a minimum of 200 gallons of water per acre. For grey mold, apply as a foliar spray in a minimum of 100 gallons of water per acre.
NOTE: Do not use gingsen for food or feed purpose within 1 year of treatment. Do not make more than 8 appli- cations in one growing season. Do not apply more than 20 pounds of this product per acre season.
GLADIOLUS (Corms)
Corm Rot and Decay, Damping-off – Use 3.75 ounces CAPTAN 80 WDG per 10 gallons of water, dip corms for 20 to 30 minutes. Drain and plant.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.
PESTICIDE DISPOSAL: Use nonrefillable container. Keep container tightly closed when not in use. Protect from excessive heat. Store in a cool, dry place.
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate 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: Nonrefillable Container (rigid – all weights): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
Nonrefillable Container (rigid – greater than 50 lbs.): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill this container 1/4 full with water and recap. Shake for 10 seconds. Pour rinseate into equipment application or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
Nonrefillable Container (rigid – greater than 50 lbs.): Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill this container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete rev- elution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
Refillable Container: Refillable container. Refill this container with captan only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinseate into application equipment or rinseate collection system. Repeat this rinsing procedure two more times.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL CHEMTREC at 1-800-424-9300.

WARRANTY AND DISCLAIMER STATEMENT
The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather con- ditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Albaugh, Ltd. and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer. Albaugh, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Albaugh, LLC, and is sub- ject to the inherent risks described above.
TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALBAUGH, LLC DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FIT- NESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALBAUGH, LLC, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE, EMPLOYEE OF ALBAUGH, LLC IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.
TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ALBAUGH, LLC, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ALBAUGH, LLC’S ELECTION, THE REPLACEMENT OF THE PRODUCT.