

# Ziram 76W

## ZIRAM FUNGICIDE

<b>ACTIVE INGREDIENT:</b>	<b>BY WT.</b>
Ziram (Zinc Dimethyl dithiocarbamate) .....	76%
<b>INERT INGREDIENTS:</b> .....	24%
<b>TOTAL</b>	<b>100%</b>

(Total zinc as Metallic - 16.25%)

EPA Reg. No. 7001-107-AA

EPA Est. No. 7001-CA-1

## KEEP OUT OF REACH OF CHILDREN CAUTION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May irritate eyes, nose, throat and skin. May be harmful if inhaled or swallowed. Avoid breathing dust or spray mist. Avoid contact with skin, eyes or clothing.

### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES flush with plenty of water. Get medical attention. IF ON SKIN wash with soap and water. IF INHALED remove victim to fresh air. IF SWALLOWED get medical attention.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Apply this product only as specified on this label.

### 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 enter treated areas without protective clothing until sprays have dried. Certain states may require more restrictive reentry intervals for various crops treated with this product; consult your State Department of Agricultural 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. 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: **CAUTION** Area treated with Ziram 76W on (date of application). Do not enter without appropriate protective clothing. Protective clothing includes long sleeve shirt, long legged pants and rubber gloves.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**STORAGE:** Store in a cool, dry place.

**DISPOSAL:** Completely empty bag into equipment. Then dispose of bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### DIRECTIONS FOR USE

**Greenhouse Tomatoes: Gray Mold.** Start applications before infection occurs and repeat at 7 to 10 day intervals (shorten interval to 3 to 5 days under severe conditions). (5 lbs.)

**Cucumbers, Melons, Squash, Pumpkins: Downy Mildew.** Start applications as soon as plants begin to run or when disease threatens and continue at 7 to 10 days intervals as long as necessary. Under severe conditions shorten interval to 3 to 5 days. (5 lbs.)

**Beans: Rust, Anthracnose.** Start applications when disease first appears and repeat at 4 to 7 day intervals as long as diseases threaten. Do not apply to snap beans later than 4 days before picking. (5 lbs.)

**Peaches, Nectarines: Peach Leaf Curl, Shot Hole (Fungus).** Use 1½ to 3 lbs. per 100 gallons at dormant and popcorn stages. For West Coast use on peaches for Leaf Curl, apply just before Fall rains or in November and repeat in three months while trees are still dormant and again in popcorn stage. **Brown Rot, Blossom Blight.** Use 1½ to 2 lbs. at pink bud and 25% to 75% at full bloom. **Fruit Brown Rot.** Use 1½ to 2 lbs. at petal fall, two weeks later, and one or more additional applications at 7 to 14 day intervals beginning about one month before harvest. If applied closer than two weeks before harvest, remove residues by brushing or wiping. If lead arsenate is added to the spray, include the correct amount of zinc sulfate and lime to reduce danger of arsenical injury. Applications through petal fall (14½ lbs.) Early cover sprays and before harvest (10 lbs.)

**Aerial Application - California Only: Brown Rot, Peach Blight (Coryneum):** Use 8-10 lbs. in 20-30 gallons of water per acre. Apply in pre-bloom, blossom and petal fall periods. Apply in early cover and before harvest. Remove excess residues by wiping or brushing.

**Apricots (California & Oregon): Shot Hole (Fungus).** Use 1½ to 2 lbs. per 100 gallons plus spreader-sticker (4 oz. per 100 gallons) to spray mixture. Apply at red bud, early bloom and full bloom. Under severe disease conditions, or when weather is extremely wet, make additional applications as often as every 5 days until full bloom. Do not apply after early cover spray (15 lbs.) postharvest control, (10 lbs.) early cover sprays. **Aerial Application - California Only: Shot Hole (Fungus), Brown Rot:** Use 8 to 10 lbs. in 20-30 gallons of spray per acre. Apply at pre-bloom, blossom and petal fall stages. May be used as an early cover spray.

**Apples (Pacific Northwest, California & B.C.): Scab.** Use 1½ lbs. per 100 gallons in prebloom, calyx and early cover sprays. Reduce to 1 lb. in later cover sprays. **Bull's Eye Rot (Pacific Northwest & B.C.).** Use 1½ lbs. in first codling moth cover spray and again just before Fall rains. One or more additional sprays may be needed if excessive rainfall occurs during the season. Apples may be injured by zinc compounds under certain conditions. Apples do not apply within 7 days of harvest. (11½ lbs.)

**Almonds (California): Shot Hole (Fungus).** Apply at popcorn, full-bloom, petal-fall and 5 weeks later. **Brown Rot (Blossom and Twig Blight).** At popcorn and full-bloom. **Leaf Blight.** At petal-fall and 5 weeks later. **Scab.** Five weeks later after petal-fall. Use 1½ to 2 lbs. per 100 gallons (6 to 8 lbs. per acre). Add spreader-sticker (4 oz.) per 100 gallons to spray mixture. Do not apply later than 5 weeks after petal fall (8 lbs.) **Aerial Application: Shot Hole (Fungus), Brown Rot, Leaf Blight.** Use 8-12 lbs. in 20-30 gallons of spray per acre. Apply in pre-bloom, blossom and petal-fall stages. **Scab.** Use 8-12 lbs. in 20-30 gallons of spray per acre at petal-fall. Use 8 lbs. per acre after petal-fall. Do not apply later than 5 weeks after petal fall.

**Pecans: Scab.** Following two prepollination sprays of bordeaux mixture, use 2 lbs. per 100 gallons in 4 applications at 3 to 4 week intervals starting when tips of small nuts have turned brown. Under severe disease conditions a fifth application in August may be required. Do not apply after August (19 lbs.)

**Cranberries: Fruit Rot.** Use 3 lbs. per 100 gallons applying 3 times at 2 week intervals starting at mid-bloom. Do not apply 4 weeks after mid-bloom (15 lbs.)

**Blueberries: Mummy Berry.** Use 3 lbs. per 100 gallons at loose bud scale stage and 7 days later. Do not apply later than 3 weeks after full bloom (7½ lbs.)

**Blackberries (Pacific Northwest): Evergreen Blackberry Canker.** Apply once between mid-June and early July. Do not apply later than early July (5 lbs.)

**Grapes: Black Rot, Powdery Mildew.** Apply 1/5 lb. per 12 gallons. Apply before buds swell. Repeat after blossoming, but before fruit forms. Do not apply after fruit begins to form (4 lbs.)

**Strawberries: Leaf Spot.** Apply when blossom buds first show and again when earliest blossoms open. **Gray Mold (Botrytis)** Make 3 to 5 applica-

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## STORAGE AND DISPOSAL

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## DIRECTIONS FOR USE

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

~~Use sufficient spray to provide thorough coverage. Use Ziram 76 W at 1 1/2 to 2 lbs. per 100 gallons of spray unless otherwise stated. In preparing sprays, use required amount of product through the filler screen while tank is filling with water. For small quantities, 6 teaspoons per one gallon of water is equivalent to 2 lbs. per 100 gallons. For plants difficult to wet, add spreader-sticker in order to secure uniform coverage.~~

The total pounds of Ziram 76 W that can be applied per acre is shown in parenthesis ( ) at the end of each crop claim.

**Celery:** *Early Blight (Cercospora)*, *Late Blight (Septoria)*. Use spray consisting of 1 1/2 to 2 lbs. per 100 gallons or 1 lb. Ziram 76 W and 1 lb. Fermate® Ferbam Fungicide. Begin in the plant bed and continuing in the field at 5 to 10 day intervals. Remove residues by stripping, trimming, and washing. Apply at weekly intervals. (3 1/2 lbs.)

**Tomatoes:** *Anthrachnose and Early Blight*. Start applications when fruit of first clusters is well formed and repeat at 7 to 10 day intervals. When weather conditions favor disease, more frequent applications may be necessary starting when plants are set in the fields. In areas where *Anthrachnose* is a serious problem, apply 3 to 4 lbs. per acre for canning tomatoes. (5 lbs.)

*As above as every 5 days until full bloom. Do not apply after early cover spray (15 lbs.) postharvest control, (10 lbs.) early cover sprays.*

**Aerial Application - California Only:** *Shot Hole (Fungus)*, *Brown Rot*: Use 8 to 10 lbs. in 20-30 gallons of spray per acre. Apply at pre-bloom, blossom and petal fall stages. May be used as an early cover spray.

**Apples, Pears (Pacific Northwest, California & B.C.):** *Scab*. Use 1 1/2 lbs. per 100 gallons in prebloom, calyx and early cover sprays. Reduce to 1 lb. in later cover sprays. *Bull's Eye Rot (Pacific Northwest & B.C.)*. Use 1 1/2 lbs. in first codling moth cover spray and again just before Fall rains. One or more additional sprays may be needed if excessive rainfall occurs during the season. Apples may be injured by zinc compounds under certain conditions. Apples do not apply within 7 days of harvest. (11 1/4 lbs.)

**Almonds (California):** *Shot Hole (Fungus)*. Apply at popcorn, full-bloom, petal-fall and 5 weeks later. *Brown Rot (Blossom and Twig Blight)*. At popcorn and full-bloom. *Leaf Blight*. At petal-fall and 5 weeks later. *Scab*. Five weeks later after petal-fall. Use 1 1/2 to 2 lbs. per 100 gallons (6 to 8 lbs. per acre). Add spreader-sticker (4 oz.) per 100 gallons to spray mixture. Do not apply later than 5 weeks after petal fall. (8 lbs.)

**Aerial Application:** *Shot Hole (Fungus)*, *Brown Rot*, *Leaf Blight*: Use 8-12 lbs. in 20-30 gallons of spray per acre. Apply in pre-bloom, blossom and petal-fall stages. *Scab*. Use 8-12 lbs. in 20-30 gallons of spray per acre at petal-fall. Use 8 lbs. per acre after petal-fall. Do not apply later than 5 weeks after petal-fall.

**Pecans:** *Scab*. Following two prepollination sprays of bordeaux mixture, use 2 lbs. per 100 gallons in 4 applications at 3 to 4 week intervals starting when cups of small nuts have turned brown. Under severe disease conditions a fifth application in August may be required. Do not apply after August. (19 lbs.)

**Cranberries:** *Fruit Rot*. Use 3 lbs. per 100 gallons applying 3 times at 2 week intervals starting at mid-bloom. Do not apply 4 weeks after mid-bloom. (15 lbs.)

**Blueberries:** *Mummy Berry*. Use 3 lbs. per 100 gallons at loose bud scale stage and 7 days later. Do not apply later than 3 weeks after full bloom. (7 1/2 lbs.)

**Blackberries, (Pacific Northwest):** *Evergreen Blackberry Canker*. Apply once between mid-June and early July. Do not apply later than early July. (5 lbs.)

**Grapes:** *Black Rot, Powdery Mildew*. Apply 1/5 lb. per 12 gallons. Apply before buds swell. Repeat after blossoming, but before fruit forms. Do not apply after fruit begins to form. (4 lbs.)

**Strawberries:** *Leaf Spot*. Apply when blossom buds first show and again when earliest blossoms open. *Gray Mold (Botrytis)*. Make 3 to 5 applications at 10 day intervals starting at early blossom stage. If applied within 7 days of picking, remove residues by washing. (6 lbs.)

**Pine Seedlings:** *Fusiform Rust* in plant beds. Use 2 lbs. per 100 gallons at 3 to 5 day intervals from plant emergence to mid-June. Add suitable wetting agent to spray.

**Ornamentals:** *Petal Blight* of Azaleas and Camellias. Spray at 3 to 5 day intervals as needed. Begin with first bloom. Spray flowers and drench mulch and litter beneath bushes. *Leaf spots* of Chrysanthemums and Snapdragons. Spray at 7 to 10 day intervals as needed.

## NET WT. 32 LBS.

AGC 9 (2/84)

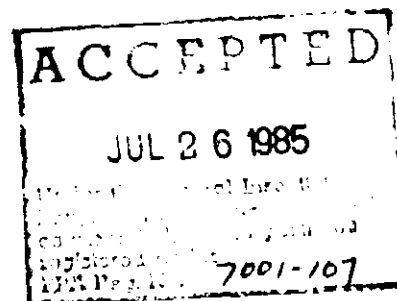
**DISCLAIMER OF WARRANTIES:** Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product and no such warranties, guarantees or directions shall be valid or binding upon

DECT INQUIRY COPY

REPLACEMENT FOR THE SECOND PARAGRAPH FOLLOWING "DIRECTIONS FOR USE"

ZIRAM 76 W  
EPA REG. NO. 7001-107

Use sufficient water to provide thorough coverage. Unless specified, the rates given are for dilute applications. For concentrate applications apply the specified rate, up to the maximum in parenthesis at the end of each crop claim, in 20-150 gallons of water per acre. Use Ziram 76 W at 1-1/2 to 2 lbs. per 100 gallons of spray when applying as a dilute application. In preparing sprays, use required amount of product through the filler screen while tank is filling with water. For small quantities, 6 teaspoonsful per one gallon of water is equivalent to 2 lbs. per 100 gallons. For plants difficult to wet, add a spreader-sticker in order to secure uniform coverage.



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