

ACCEPTED

DEC 11 1990

ZIRAM W-76

FUNGICIDE

## ACTIVE INGREDIENT:

Ziram (Zinc dimethyldithiocarbamate .....76% 4581-140

(Zinc expressed as metallic.....16.25%)

INERT INGREDIENTS:.....24%

100%

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

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

**STATEMENT OF PRACTICAL TREATMENT****IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes.**IF INHALED:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)****DANGER**

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. MAY BE FATAL IF INHALED. HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses when handling. Do not breathe dust or spray mist. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration, and the National Institute for Occupational Safety and Health. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Use care when applying in areas adjacent to any body of water. Keep out of lakes, streams, or ponds. Do not apply when weather conditions favor drift from target area. Do not contaminate water when disposing of equipment washwaters.

**PHYSICAL OR CHEMICAL HAZARD**

Keep away from fire and sparks.

**GENERAL INFORMATION**

ZIRAM W-76 is effective against many fungus diseases. It has excellent adhesive properties and is safe on a wide range of plants. It is compatible with Parathion, Malathion, and many commonly used pesticides. Wash the required amount of ZIRAM W-76 through the filter screen while filling the sprayer with water, or make into a paste with water and pour into the spray tank while filling.

**DIRECTIONS FOR USE**

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

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

For dilute application, use ZIRAM W-76 at recommended rate per 100 gallons of spray unless otherwise stated. Three level teaspoonfuls per gallon of water is equivalent to one pound per 100 gallons of water.

For concentrate applications, by air, use ZIRAM W-76 in 20 to 30 gallons of spray per acre; by ground, use in a minimum of 40 gallons of spray per acre.

Use the high rate under severe disease pressure or when conditions promote rapid disease development.

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.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your state Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in an area about to be treated with this product. In case of accidental exposure, workers should wash thoroughly with soap and water and contaminated clothing should be removed and washed before reuse. If symptoms of skin or eye irritation occur call a physician. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings shall be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "DANGER Area treated with ZIRAM W-76 Fungicide on (date of application). Do not enter without protective clothing until spray has dried. In case of accidental exposure, workers should wash thoroughly with soap and water and contaminated clothing should be removed and washed before reuse. If symptoms of skin or eye irritation occur call a physician."

**ATO**  
**ATO CHEM**  
**NORTH AMERICA**

off aqua line

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Sold by

AGCHEM DIVISION - ATOCHEM NORTH AMERICA  
PHILADELPHIA, PA 19102EPA Registration No. 4581-140  
EPA Establishment No. 33910-PL-01

# FRUIT AND NUT CROPS

Crop	Lbs / 100 Gallons	Lbs / A	Disease	Directions	Limitations (see footnote)
Almonds	1 1/2 - 2 + 4 oz Spreader-Sticker	8-12	Shot-hole (Fungus)	Apply at popcorn, full-bloom, petal fall and 5 weeks later	1 2
			Brown Rot (Blossom and Twig Blight)	Apply at popcorn and full bloom	
			Leaf Blight Scab	Apply at petal fall and 5 weeks later	
Apples†	1-1 1/2	7 1/2-10	Apple Scab	Apply at pre-bloom, calyx, and cover sprays. In Washington, apply in first cover spray and in early September on Delicious variety and late September on "Red" varieties as a protectant spray only.	3 4
			Bull's-Eye Rot	Apply in the first cover spray and in a pre-harvest spray before fall rains begin. Repeat as necessary, especially if excessive rainfall occurs.	

Apricots	1 1/2	8-10	Brown Rot	Apply in pre-bloom, blossom, and petal fall stages and in early cover sprays	5
	1 1/2 + 4 oz Spreader-Sticker		Shot-hole (Fungus)	Apply at pre-bloom, 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.	
	1 1/2-2			For post-harvest application in the fall before heavy rains	
Cherries†	1 1/2		Brown Rot	Apply at popcorn, full bloom, petal fall, and as necessary in cover applications	9
			Leaf Spot	Apply at petal fall, shuck fall and about 2 weeks after shuck fall	
Nectarines Peaches	1 1/2-3	3-10	Peach Leaf Curl Shot-hole (Fungus)	Apply 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 3 months while trees are still dormant and again in popcorn stage.	12 13
	1 1/2-3		Brown Rot	Apply at pink bud, 25% to 75% of full bloom, petal fall and cover stages	
Pears	1-1 1/2	7 1/2-10	Pear Scab (West Coast Only)	Apply in pre-bloom, calyx, and cover stages	3 4
			Bull's-Eye Rot (Pacific Northwest Only)	Apply pre-harvest prior to fall rains. Repeat if necessary especially if excessive rainfall occurs.	
Pecans†	2		Scab	Begin applications when leaves are 1/4 to 1/2 inch long. Repeat after pollination is complete and up to 5 cover sprays at 3-4 week intervals through August.	14

## ORNAMENTAL CROPS†

Crop	Lbs / 100 Gallons	Disease	Directions
Asters	1 lb 12 gals	Rust	Begin application in early season and continue at 7-day intervals until blossoms form.
Carnations * Marigolds Morning Glory Snapdragons *	1 1/2	Rust *See below for additional disease control	Apply at 7 to 10-day intervals as needed throughout growing season.
Carnations Chrysanthemums Dahlias * Gladiolus Snapdragons *	1 1/2	Leaf Spot *See below for additional disease control	Apply at 7 to 10-day intervals as needed throughout growing season.
Azaleas Camellias	1 1/2-2	Petal Blight	Begin application with first bloom. Repeat at 7 to 10-day intervals through bloom. Apply as a drench to mulch and litter beneath and around bushes.
Dahlias Delphinium Gloxinia Hollyhocks Phlox	1 1/2	Powdery Mildew	Apply at 7-day intervals throughout growing season.
Roses	1 1/2	Black Spot Powdery Mildew	Begin application when leaves unfold. Repeat at 7 to 10-day intervals throughout season.
Pine Seedlings (nursery beds)	2	Fusiform Rust	Begin application at time of emergence. Repeat at 3 to 5-day intervals to mid-June.

## NOT FOR THIS USE IN CALIFORNIA

### Limitations

- 8.0 lbs/acre — Do not apply later than 5 weeks after petal fall or
- 16.0 lbs/acre — Do not apply later than petal fall
- 11.5 lbs/acre — No time limitation or
- 15.5 lbs/acre — Do not apply within 7 days of harvest
- 10.0 lbs/acre — Do not apply after early cover spray
- 15.0 lbs/acre — Post-harvest application
- N/A
- N/A
- 5.0 lbs/acre — Do not apply within 7 days of harvest
- N/A
- N/A
- 14.5 lbs/acre — Last application at petal fall or
- 10.0 lbs/acre — Remove excess residues by weeding or brushing
- 19.0 lbs/acre — Do not apply later than August

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Storage Instructions:** Store in the original container in a dry area. Keep away from sources of ignition (e.g. sparks and open flame). Close bag when not in use. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling sweep up spillage and dispose of in accordance with the Pesticide Disposal instructions listed below.

**Pesticide Disposal Instructions:** 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 Instructions:** 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.

## WARRANTY AND DISCLAIMER

Atochem North America warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to herein, subject to the risks referred to herein. ATOCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ATOCHEM OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS, LABOR COST, OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

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