

MAR 2 1995

Mr. Christopher Davis  
Elf Atochem North America, Inc.  
Agriculturals Division, 21st Floor  
2000 Market Street,  
Philadelphia, PA 19103-3222

Dear Mr. Davis:

Subject: Ziram 76 Fungicide  
EPA Registration No. 4581-140  
Application Dated February 10, 1995, Request To  
Delete Restriction "Not for use in California"  
from Use-Pattern for Apples

The proposed amendment to the labeling of the subject pesticide product has been reviewed and found acceptable under the Federal Insecticide, Fungicide and Rodenticide Act as amended, provided that:

c Submit one (1) copy of the final printed label before releasing the product for shipment under the subject labeling.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA, Section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

E.Wilson:Diskette ABC13:03-02-95

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated

MAR 2 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
4581-140

WPS

# ZIRAM 76

## Fungicide

### ACTIVE INGREDIENT:

Ziram (Zinc dimethyldithiocarbamate) ..... 76%  
(Zinc expressed as metallic ..... 16.25%)

INERT INGREDIENTS: ..... 24%  
TOTAL..... 100%

KEEP OUT OF REACH OF CHILDREN

**PELIGRO DANGER**

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).

### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg white, gelatin solution or if these are not available, large quantities of water. Avoid alcohol.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

EPA Reg. No. 4581-140

EPA Est. No. 33910-HL-01.

NET CONTENTS \_\_\_\_\_

Sold by:

**ELF ATOCHEM NORTH AMERICA, INC.—AGCHEM DIVISION**

2000 Market Street, Philadelphia, PA 19103

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**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 breathe dust or spray mist. Avoid contact with eyes, skin, or clothing.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Dust/mist filtering respirator

-For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

-For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

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/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:**

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing 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 product is toxic to fish. Use care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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 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 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 in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system. For dilute application, use ZIRAM 76 at the 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 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.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

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# FRUIT AND NUT CROPS

Crop	Lbs / 100 Gallons	Lbs / A	Disease	Directions	Limitations (see footnotes)
Almonds	1½-2 - 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	1-1½	7½-10	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 Winesaps 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	1½	8-10	Brown Rot	Apply in pre-bloom, blossom, and petal fall stages and in early cover sprays.	5
	1½ - 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.	
	1½-2			For post-harvest application in the fall before heavy rains.	6
Cherries†	1½		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	1½-3	8-10	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
	1½-3		Brown Rot	Apply at pink bud, 25% to 75% of full bloom, petal fall, and cover stages.	
Pears	1-1½	7½-10	Pear Scab (West Coast Only)	Apply in pre-bloom, calyx, and cover stages.	3, 4
			Bull's Eye Rot (Pacific North-west Only)	Apply pre-harvest prior to fall rains. Repeat if necessary, especially if excessive rainfall occurs.	
Pecans†	2		Scab	Begin applications when leaves are ¼ to ½ 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*	1½	Rust *See below for additional disease control	Apply at 7 to 10-day intervals as needed throughout growing season
Carnations,* Chrysanthemums, Dahlias, Gladiolus,* Snapdragons*	1½	Leaf Spot *See below for additional disease control	Apply at 7 to 10-day intervals as needed throughout growing season.
Azaleas, Camellias	1½-2	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, Golden Glow, Hollyhocks, Phlox	1½	Powdery Mildew	Apply at 7-day intervals throughout growing season.
Roses	1½	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

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### 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 cover period
- 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 wiping or brushing
- 10.0 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

Elf Atochem North America warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. **ELF ATOCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ELF 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.**

Elf Atochem and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of Elf Atochem.