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19713-68



ZIRAM 76

A Wettable Fungicide

Active Ingredient:

Ziram (Zinc dimethyldithiocarbamate) . . . . . 76%  
(Total Zinc as metallic - 16.2%)

Inert Ingredients: . . . . . 24%

TOTAL . . . . . 100%

Keep Out Of Reach Of Children

**DANGER**  
**PELIGRO**

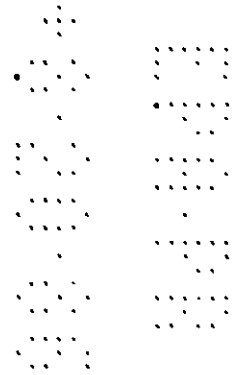
PRECAUCION AL USUARIO. Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

See Side Panel For Additional Precautionary Statements

EPA Reg. No. 19713-68  
EPA Est. No. 19713-MS-1

Net Contents: 5 lbs.

ACCEPTED  
APR 17 1987  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under  
EPA Reg. No. 19713-68



Manufactured By:  
**Drexel Chemical Company**

P.O. BOX 9006, MEMPHIS, TENN. 38109-0006

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## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**DANGER.** Causes irreversible eye damage. Harmful or fatal if swallowed. Do not get in eyes or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

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.

### STATEMENT OF PRACTICAL TREATMENT

**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 SPLASHED IN EYES:** Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

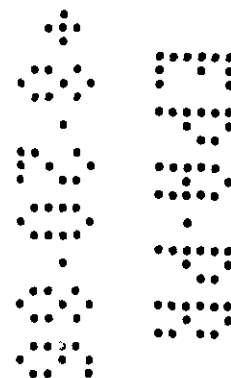
**IF SPILLED ON SKIN:** Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Illegal residues or other undesirable results may occur.

### CHEMICAL AND PHYSICAL HAZARDS

Keep away from fire and sparks.



FARMWORKER SAFETY 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. Because certain states may require more restrictive re-entry 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 a treated area or in an area about to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) 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. "DANGER--Area treated with Ziram on (date of application). Do not enter without appropriate protective clothing (such as goggles or face shield, long pants, long-sleeved shirt, hat, rubber gloves and boots) until sprays have dried. In case of accidental exposure, treat as follows: If on skin, remove contaminated clothes and wash with soap and water. Flush eyes with water for 15 minutes and get medical attention. If swallowed, call a physician. Drink 1 or 2 glasses of water and induce vomiting.

DIRECTIONS FOR USE

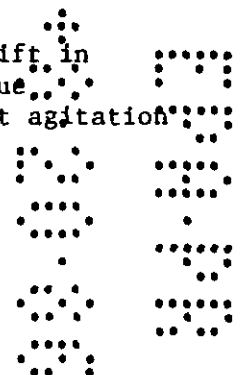
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL INFORMATION

Where there is a range indicated for the dosage rate use the higher rates when infestations are severe and lower rates when they are mild. The directions for use of this material are general. For specific uses under local conditions, it is suggested that helpful information may be obtained from local, State or Federal Agricultural Agencies who have experience with this type of material.

MIXING INSTRUCTIONS

Fill the spray tank 2/3 full of water, with agitator running, slowly sift in the required amount of material. Finish filling with water and continue agitation while spraying. Do not allow spray solution to stand without agitation or over an extended period of time.



ZIRAM 76 LABEL

FRUIT & NUT CROP	DISEASE	LBS PER 100 GAL	LBS PER ACRE	DIRECTIONS
ALMONDS	Shot Hole (Fungus)	1½ - 2 plus 4 oz of Spreader	8 - 12 Sticker	Apply at popcorn, full bloom, petal fall and 5 weeks later.
	Brown Rot, Blossom and twig blight	1½ - 2	8 - 12	Apply at popcorn and full bloom
	Leaf blight, scab	1½ - 2	8 - 12	Apply at petal fall and 5 weeks later
APRICOTS	Brown Rot	1½	8 - 10	Apply in pre-bloom, blossom and petal fall stages and in early cover sprays
	Shot Hole (Fungus)	1½ plus 4 oz. of Spreader	8 - 10 Sticker	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.
	Shot Hole (Fungus)	1½ - 2	8 - 10	For post harvest application in the fall before heavy rains.
NECTARINES, PEACHES	Peach Leaf Curl, Shot Hole (Fungus)	1½ - 3	8 - 10	Apply at dormant and popcorn stages. 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.
	Brown Rot	1½ - 2	8 - 10	Apply at pink bud, 25% to 75% of full bloom, petal fall and cover stages.
***** THE FOLLOWING NOT FOR USE IN CALIFORNIA *****				
APPLES	Apple Scab (Pacific NW only)	1 - 1½	7½ - 10	Apply at prebloom, calyx and cover spray. In Washington, apply in first cover spray and in early September on Delicious variety and late September on Winesap a protectant spray only.
	Bull's Eye Rot (Pacific NW only)	1 - 1½	7½ - 10	Apply in first cover spray and in a post harvest spray before fall rains begin. Repeat as necessary, especially if excessive rainfall occurs.
BLACKBERRIES	Evergreen Canker (Pacific NW only)	1½ - 3	5	Apply once between mid-June and early July.

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ZIRAM 76 LABEL

FRUIT & NUT CROP	DISEASE	LBS PER 100 GAL	LBS PER ACRE	DIRECTIONS	LIMITATIONS
BLUEBERRIES	Mummyberry	3		Apply at loose bud scale stage, repeat 7 days later	10
	Botrytis Blossom Blight	3		Apply just before bloom, at full bloom and 2 to 3 weeks later.	
CHERRIES	Brown Rot	1½		Apply at popcorn, full bloom, petal fall and as necessary in cover applications.	11
	Leaf Spot	1½		Apply at petal fall, shuck fall, and about 2 weeks after shuck fall.	
CRANBERRIES	Fruit Rot	3		Apply three times at 2 week intervals beginning at mid bloom.	12
GRAPES	Black Rot, Powdery Mildew	1/5 lb per 12 gal.		Apply before buds swell. Repeat after blossoming but before fruit forms.	13
PEARS	Pear Scab (Pacific NW only)	1 - 1½	7½ - 10	Apply in prebloom, calyx and cover stages	7, 8
	Bull's Eye Rot (Pacific NW only)	1 - 1½	7½ - 10	Apply preharvest prior to fall rains. Repeat if necessary. Especially if excessive rainfall occurs.	
PECANS	Scab	2		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 to 4 week intervals through August.	14
STRAWBERRIES	Botrytis	1½ - 2		Apply at early blossom stage. Repeat 2 to 4 times at 5 to 10 day intervals.	15
	Leaf Spot	1½ - 2		Apply when blossom buds first appear. Repeat when first blooms open.	
VEGETABLE CROP				NOT FOR USE IN CALIFORNIA	
BEANS	Mudrot, Anthracnose	1½		Apply when disease first appears and repeat at 4 to 7 day intervals as long as the disease is a threat.	16
CELERY	Early and late blight	1 - 2		Apply before disease is expected to appear or at first sign of infection beginning in the plant bed and continuing in the field at 5 to 10 day intervals.	17

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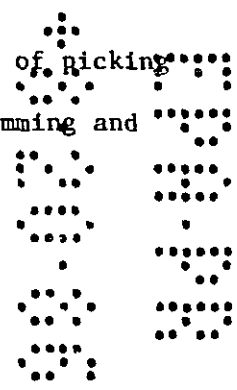
ZIRAM 76 LABEL

VEGETABLE CROP	DISEASE	LBS PER 100 GAL	LBS PER ACRE	NOT FOR USE IN CALIFORNIA DIRECTIONS	LIMITATIONS
CUCURBITTS (CANTELOUPE, CUCUMBERS, MELONS, PUMPKINS, & SQUASH)	Alternaria Blight, Anthracnose, Angular Leaf Spot, Bacterial Wilt, Downy Mildew, Scab	1 - 2		Apply before disease is expected to appear or at first sign of infection beginning when plants are small. Repeat at 7 to 10 day intervals as necessary.	18
TOMATOES	Anthracnose, Early Blight, Septoria Leaf Spot	1½ - 2		Begin applications when plants are 2 to 6 inches high or later at first sign of infection. Repeat at 7 to 10 day intervals as necessary.	18
	Botrytis Gray Mold (Green House)	1½ - 2		Begin applications before disease is expected to appear or at first sign of infection. Repeat at 3 to 10 day intervals as necessary.	
ORNAMENTAL CROP					
ASTERS	Rust	1 lb. per 12 gal.		Begin application in early season and continue at 7 day intervals until blossoms form.	
CARNATIONS, MARIGOLDS, MORNING GLORY, & SNAPDRAGONS	Rust	1-2/3		Apply at 7 to 10 day intervals as needed throughout growing season.	
CARNATIONS, CHRYSANTHEMUMS, DAHLIAS, GALDIDUS, SNAPDRAGONS	Leaf Spot	1-2/3		Apply at 7 to 10 day intervals as needed throughout growing season.	
AZALEAS, CAMELIAS	Petal Blight	1½ - 2		Begin application at first bloom, Repeat at 7 to 10 day intervals through bloom. Apply as a drench to mulch and litter beneath and around bushes.	

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ORNAMENTAL CROP	DISEASE	LBS PER 100 GAL	LBS PER ACRE	DIRECTIONS	LIMITATIONS
DAHLIAS, DELPHINIUM, GOLDEN GLOW, HOLLYHOCKS, PHLOX	Powdery Mildew	1-2/3		Apply at 7 day intervals throughout growing season	
ROSES	Black Spot, Powdery Mildew	1-2/3		Begin application when leaves unfold. Repeat at 7 to 10 day intervals throughout season.	
PINE SEEDLINGS	Fusiform Rust	2		Begin application at time of emergence Repeat at 3 to 5 day intervals to mid-June.	
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2. 16.0 pounds per acre - Do not apply later than petal fall
3. 10.0 pounds per acre - Do not apply after early cover period
4. 15.0 pounds per acre - Post harvest application
5. 14.5 pounds per acre - Last application at petal fall or
6. 10.0 pounds per acre - Remove excess residues by wiping or brushing
7. 11.5 pounds per acre - No time limitation. Do not use under adverse drying conditions. Long extended dry periods may cause marking on Golden Delicious apple varieties where product collects in one spot.
8. 15.5 pounds per acer - Do not apply within 7 days of harvest. Use only with high volume sprayers. Concentrate sprayers have greater chance of marking fruit on the outside tree edges.
9. 5.0 pounds per acre - Do not apply later than early July
10. 7.5 pounds per acre - Do not apply later than 3 weeks after full bloom
11. 5.0 pounds per acre - Do not apply within 7 days of harvest
12. 15.0 pounds per acre - Do not apply later than 4 weeks after mid-bloom
13. 4.0 pounds per acre - Do not apply after fruit begins to form
14. 19.0 pounds per acre - Do not apply later than August
15. 6.0 pounds per acre - Remove residues by washing if application is made 7 days of harvest
16. 5.0 pounds per acre - Do not apply to snap beans within 4 days of picking
17. 4.0 pounds per acre - Remove excess residues by stripping, trimming and washing
18. 5.0 pounds per acre





## STORAGE AND DISPOSAL

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

### STORAGE INSTRUCTIONS

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Do not allow storage in a damp or humid area. Never allow this product to become wet during storage. This may lead to certain chemical changes that could reduce its effectiveness as a fungicide and create vapors that may be inflammable. Do not stack over 2 pallets high. Move bags carefully so as not to tear or puncture. Do not move from one area to another unless they are securely sealed to prevent dust from escaping. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Avoid contamination with acids and alkalis. Store in original containers only. If the contents are leaking or material is spilled follow these steps while wearing protective equipment:

1. Collect and place in suitable containers for disposal.
2. Wash area with water and soap to remove remaining pesticide.
3. Follow washing with clear water rinse.
4. Do not allow run off to enter sewer or contaminate water supplies.
5. Dispose of waste as indicated below:

### PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### 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.

### WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall Drexel or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

**BEST AVAILABLE COPY**