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52251-11

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ZIRAM 400

ACCEPTED
with COMMENTS
by EPA Letter Dated

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION

Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Wash hands, arms, and face thoroughly with soap after handling and before eating or smoking. Do not use on humans or household pets. Keep children and animals away from treated areas until spray has dried. 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.

ENVIRONMENTAL HAZARDS

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

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Only for Sale to, Use by, and Storage by Service and Agricultural Personnel

ACTIVE INGREDIENT:	
Ziram (Zinc Dimethylthiocarbamate)	40%
INERT INGREDIENTS:	60%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

SEE SIDE PANEL FOR ADDITIONAL
EPA Registration No. 682-54 PRECAUTIONARY STATEMENTS Establishment No. 682-W A-1

DIRECTIONS FOR USE:

Use only according to prepacked label booklet instructions under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 682-54

Crop King Chemical
1 East King Street
Yakima, WA 98903

MAY 28 1985

NET CONTENTS-1 GALLON
Case Contents - 4 Gallons + 52251-11

IMPORTANT NOTICE TO PURCHASER AND USER TO THIS PRODUCT

This product is manufactured, labeled, and sold in accordance with state and federal laws. Adequate directions for use, necessary warnings and cautions, and other essential information on the safe handling and use of this product are set forth on this label. However, the use and handling of this product is always attended with risk of personal injury or property damage if the user or handler departs to any degree from the instructions on this label. The manufacturer makes no warranties, either express or implied, and assumes no responsibility whatsoever for the effectiveness or safety of this product except to the extent that the product is used and handled in strict accordance with information and directions set forth on this label. The foregoing limitation of responsibility may not be altered in any way except by written agreement signed by officers of the manufacturer. Unless the intended purchaser agrees to be bound by the terms and limitations expressed herein and on this label, the manufacturer refuses to consummate the sale of this product to him and the product must be returned to the manufacturer.

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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 a treated area or in an area about to be treated with this product. Oral warnings must include the following information: 'Caution. This area has been treated with Ziram. Do not enter without appropriate protective clothing. If accidentally exposed, remove contaminated clothing and wash the affected areas.' 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 on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If accidentally exposed, remove contaminated clothing and wash the affected areas.'

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place. Keep container closed when not in use.

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: Triple rinse (or equivalent). Then offer for recycling or for reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Where a dosage range is recommended, use the higher dosage when the weather is conducive to rapid fungus growth (warm, humid weather) and when the plants are in full foliage.

Either use the entire container at one time or mix thoroughly before use. Do not mix with emulsifiable concentrates or wettable powders until tests have shown that the mix is compatible.

APPLES AND PEARS (Pacific N.W.): Scab. Use 2 1/3 pints in prebloom, calyx, and early cover sprays. Use 1 1/2 pints in late cover sprays. For anthracnose, bulls eye rot, perennial canker, and storage rot, use 2 1/3 pints in the first codling moth spray and again just before the usual time for the fall rains. If rainfall is heavy during the season, one or more additional applications may be needed. When applied by air use 1 1/2 to 2 gal. per acre. Do not apply in less than 5 gallons of spray per acre. While ZIRAM may be applied up to the day of harvest if less than 2 1/4 gallons have been used, for the best control it should have been applied no later than one week before harvest. Use 3 gallons per acre can be used if not applied within 7 days of harvest. CAUTION: ZIRAM should not be used on apples or pears where the fruits do not tolerate zinc compounds.

PEARS: Rust, anthracnose. Use 2 1/2 to 3 pints per acre in sufficient water for thorough coverage. Apply when disease appears and repeat at 4 to 7 day intervals as needed. Do not apply to snap beans within 4 days of harvest.

BLACKBERRIES (Pacific N.W.): E. green blackberry canker. Use 4 1/2 pints per acre in sufficient water for thorough coverage in the application between mid June and early July.

BLYTHEBERRIES: Mosaic virus. Use 4 1/2 pints per acre in sufficient water for thorough coverage. Apply at loose bud scale stage and 7 days later. Do not apply later than three weeks after mid June.

CUCUMBERS: Bitter rot. Use 1 1/2 pints. Do not apply within 7 days of harvest. When bitter rot is a problem, begin with a blossom spray, followed by three more sprays: one at petal fall, one at green leaf, and another two weeks later. If bitter rot is severe, apply three more sprays: one 10 days before ripening, another 10 days prior to harvest, and the last just as the fruit is picked. (Note: Ziram has a limitation of 7 days prior to harvest; it is suggested that Crop King Carlen 400 be used as the last spray or post harvest spray.)

CUCUMBERS: Fruit rot. Use 4 1/2 pints per acre in sufficient water for thorough coverage. Apply at mid bloom and 2 to 4 weeks later. Do not use later than 4 weeks after mid June.

CUCUMBERS, MELONS, SQUASH, PUMPKINS: Downy mildew and other leaf diseases (excepting powdery mildew). Use 2 1/2 to 3 pints per acre in sufficient water for thorough coverage. Apply when plants begin to run or when disease threatens. Repeat at 4 to 10 day intervals as needed. Shorten the interval to 3 to 5 days under severe conditions. (Note: also controls cucumber beetles, which spread bacterial wilt.)

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PEACHES: Brown rot. Use 2 1/3 to 3 pints. Apply at pink bud, 25% to 75% of full bloom, petal fall, and cover stages. For each leaf curl and shot-hole use 2 1/3 pts. Apply in the dormant and popcorn stages. On the West Coast apply just before the usual time for the fall rains or in November and again in the popcorn stage.

STRAWBERRIES: Leaf spot. Use 2 1/3 to 3 pints. Apply when blossom buds first show and again when earliest blossoms open. Remove residues by washing if applied within 7 days of harvest.

TOMATOES: Anthracnose, early blight. Use 2 1/3 to 3 pints per acre in sufficient water for thorough coverage. Make the first application when the fruit in the first clusters in well-formed and repeat at 7 to 10 day intervals. When weather conditions favor disease, more frequent applications may be needed, starting when plants are set in the fields. In areas where anthracnose is a serious problem on canning tomatoes, apply 4 1/2 to 6 pints per acre. For gray mold use 2 1/3 to 3 pints before danger of infection. Repeat as needed.

ORNAMENTAL USES

Do not use on zinc sensitive plants or on any ornamental just recently sprayed with any spray containing any form of metallic material. Try and space your nutrient sprays and other sprays containing metallics at least one week apart.

ASTERS and CAMPESTRIS: Leaf spot. Use 1/3 pint per 100 gallons of water. Start application at first sign of infection and repeat at 7 to 10 day intervals as needed.

ATALFAS and CAMPESTRIS: Petal blight. Use 1/3 pint per 100 gallons of water. Start application at first sign of infection and repeat as needed or apply while buds are opening and repeat at 3 to 5 day intervals during infectious periods.

ROSEMARY: Alternaria blight, rust. Use 1/3 pint per 100 gallons of water. Start application at first sign of infection and repeat at 7 to 10 day intervals as needed.

ROSEMARY: Septoria leaf spot, rust. Use 1/3 pint per 100 gallons of water. Start application at first sign of infection and repeat at 7 to 10 day intervals as needed.

ROSES: Black spot, rust. Use 1/3 pint per 100 gallons of water. Start application at first sign of infection and repeat at 7 to 10 day intervals as needed.

Corro-King Chemical
P.O. Box 574
Yakima, WA 98907

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