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PROKIL ZIRAM 87.3 WP

Fungicide

Active Ingredient:	% by Wt.
Ziram (Zinc dimethyldithiocarbamate).....	87.3%
Inert Ingredients:.....	12.7%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES--Flush eyes with plenty of clear water for at least 15 minutes and get medical attention.

IF ON SKIN--Wash skin with soap and water.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May be harmful if swallowed or inhaled. May cause irritation of eyes, nose, throat and skin. Avoid breathing dust or spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Protective clothing (long pants, long sleeve shirt, gloves, hat and boots) must be worn during mixing and unloading.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. 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

Keep away from fire and sparks.

Net Weight _____ Pounds

GOWAN COMPANY
Agricultural Chemicals

12300 E. Co. 8th St.
P.O. Box 5696
Yuma, AZ 85364
(602) 783-8844

EPA Reg. No.
EPA Est. No.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 11 1984

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

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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.

To mix, fill spray tank about 2/3 full of water. With agitator running, slowly sift in the required amount of Prokil Ziram 87.3 WP. Finish filling tank with water. Continue mixing in the tank until thoroughly mixed before applying. Continue agitation and apply immediately. Use sufficient spray for thorough coverage. For plants difficult to wet, add spreader-sticker in order to secure uniform coverage.

Use the lower rates on small plants and/or under mild disease conditions. Use the higher rates on large plants and/or under severe disease conditions.

This product may be applied by ground equipment or aircraft, depending upon local conditions. For air applications, apply specified rates for vegetable crops in 5 to 20 gallons of water per acre. For air applications on orchards and vineyards, apply equivalent rates per acre in not less than 10 gallons of water per acre. Note to User: Good coverage is essential for effective disease control: Ground application is preferred.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE water, food or feed by storage or disposal.

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

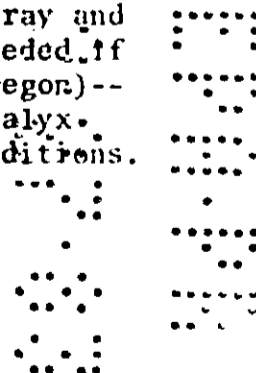
CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

RECOMMENDATIONS

ALMONDS: Brown Rot (Blossom and Twig Blight); Leaf Blight; Shothole Fungus--Use 1 1/3 to 1 3/4 lbs. per 100 gallons of water in prebloom, blossom and petal fall periods. Scab--Use 1 1/3 to 1 3/4 lbs. per 100 gallons of water at petal fall and 5 weeks after petal fall. DO NOT use later than 5 weeks after petal fall.

APPLES; PEARS: Scab--Use 7/8 to 1 1/3 lbs. per 100 gallons of water in preblossom, calyx and early cover sprays. Reduce to 7/8 lb. in later cover sprays. Bull's Eye Rot (Pacific Northwest and B.C.)--Use 1 1/3 to 1 3/4 lbs. per 100 gallons of water in first codling moth cover spray and just before rainy season. One or more additional sprays may be needed if excessive rainfall occurs during the season. Perennial Canker (Oregon)--Use 7/8 to 1 1/3 lbs. per 100 gallons of water in preblossom and calyx sprays. Apples may be injured by zinc compounds under certain conditions. DO NOT apply within 7 days of harvest.

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APRICOTS: Brown Rot; Shethole Fungus--Use 1 1/3 to 1 3/4 lbs. per 100 gallons of water in prebloom, blossom and petal fall through early cover sprays. 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.

BEANS: Rust; Anthracnose--Use 1 1/3 to 1 3/4 lbs. per 100 gallons spray per acre when plants are small. Increase dosage to 2 5/8 lbs. on large plants. Make applications at 7 day intervals, starting when true leaves appear. DO NOT apply to Snap Beans later than 4 days before picking.

BEETS: Leaf Spot--Use 7/8 to 1 3/4 lbs. per 100 gallons spray per acre. Apply when disease first appears and repeat at 7 to 10 day intervals. DO NOT apply within 7 days of harvest if tops are to be used as food or feed.

BLACKBERRIES (Pacific Northwest): Evergreen Blackberry Canker--Use 1 1/3 to 1 3/4 lbs. per 100 gallons of water. Apply once between mid-June and early July. DO NOT apply later than early July.

BLUEBERRIES: Mummy Berry--Use 2 5/8 lbs. per 100 gallons at loose bud scale stage and 7 days later. DO NOT apply later than 3 weeks after full bloom.

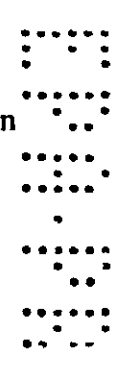
CABBAGE; CAULIFLOWER: Alternaria Leaf Spot; Downy Mildew--Use 1 1/3 to 1 3/4 lbs. per 100 gallons spray per acre. Apply when disease first appears and repeat at 7 to 10 day intervals. DO NOT apply within 7 days of harvest.

CELERY: Early Blight (Cercospora); Late Blight (Septoria)--Use 1 1/3 to 1 3/4 lbs. per 100 gallons. Begin in the plant bed and continue in the field at 5-10 day intervals, or at 3-5 day intervals under severe disease conditions. Remove residues by stripping, trimming and washing.

CHERRIES: Brown Rot; Blossom Blight--Use 1 1/3 lbs. per 100 gallons of water in popcorn, full blossom and petal fall stages. Leaf Spot--Use 1 1/3 lbs. per 100 gallons of water in petal fall and shuck fall stages and approximately 2 weeks after shuck fall. DO NOT apply within 7 days of harvest.

CRANBERRIES: Fruit Rot--Use 2 5/8 lbs. per 100 gallons, applying three times at two week intervals, beginning at mid-bloom. DO NOT apply 4 weeks after mid-bloom.

CUCURBITS (CANTALOUPE, CUCUMBERS, MELONS, PUMPKINS, SQUASH): Alternaria Leaf Blight; Anthracnose; Angular Leaf Spot; Downy Mildew; Scab--Use 1 1/3 to 1 3/4 lbs. per 100 gallons of spray per acre. Start applications as soon as plants begin to run or when disease threatens. Continue at 7-10 day intervals as long as necessary. Under severe disease conditions, shorten interval to 3-5 days. After the plants vine, the rate can be increased to 2 5/8 lbs. per 100 gallons of water per acre.



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EGGPLANT; PEPPERS: Anthracnose; Leaf Spot--Use $7/8$ to $1\ 3/4$ lbs. per 100 gallons spray per acre. Begin in plant bed when plants emerge. Repeat in plant bed and field at 7-10 day intervals or as necessary.

GRAPES: Black Rot; Powdery Mildew--Use $1/6$ lb. per 12 gallons. Apply before buds swell. Repeat after blossoming, but before fruit forms. DO NOT apply after fruit begins to form.

NECTARINES; PEACHES: Peach Leaf Curl; Shothole Fungus--Use $1\ 1/3$ to $2\ 5/8$ 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 $1\ 1/3$ to $1\ 3/4$ lbs. per 100 gallons at pink bud and 25% to 75% of full bloom. Fruit Brown Rot--Use $1\ 1/3$ to $1\ 3/4$ lbs. per 100 gallons at petal fall, two weeks later, and one or more additional applications at 7-14 day intervals beginning about one month before harvest. If applied closer than 2 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 the danger of arsenical injury. DO NOT apply more than $12\ 5/8$ lbs. per acre after petal fall.

PECANS: Scab--Use $1\ 3/4$ lbs. per 100 gallons, applying four times at 21-28 day intervals when tips of small nuts become brown. Under severe disease conditions, a fifth application in August may be required. DO NOT apply after August.

STRAWBERRIES: Leaf Spot--Use $1\ 1/3$ to $1\ 3/4$ lbs. per 100 gallons. Apply when blossom buds first show and again when earliest blossoms open. Gray Mold (Botrytis)--Use $1\ 1/3$ to $1\ 3/4$ lbs. per 100 gallons. Make 3-5 applications at 10 day intervals, starting at early blossom stage. If applied within 7 days of picking, remove residues by washing.

TOMATOES: Anthracnose; Early Blight; Septoria Leaf Spot--Use $1\ 3/4$ to $2\ 5/8$ lbs. per 100 gallons of water per acre at 7-10 day intervals, starting 2-4 weeks after plants are set. Under severe Anthracnose conditions, apply $2\ 5/8$ to $3\ 1/2$ lbs. in 180-200 gallons per acre at 7 day intervals for canning tomatoes.

TOMATOES (GREENHOUSE): Gray Mold--Use $1\ 1/3$ to $1\ 3/4$ lbs. per 100 gallons. Start applications before infection occurs and repeat at 7-10 day intervals. Under severe disease conditions, shorten the interval to 3-5 days.

PINE SEEDLINGS: Fusiform Rust (In Plant Beds)--Use $1\ 3/4$ lbs. per 100 gallons at 3-5 day intervals from plant emergence to mid-June. Add suitable wetting agent to spray.

ORNAMENTALS: Petal Blight (on Azaleas and Camellias)--Use $1\ 1/3$ to $1\ 3/4$ lbs. per 100 gallons (or $5\ 1/2$ teaspoonfuls per one gallon). Spray at 5-7 day intervals as needed. Begin with first bloom. Spray flowers and drench mulch and litter beneath bushes. Leaf Spot (Chrysanthemums and Snapdragons)--Use $1\ 1/3$ to $1\ 3/4$ lbs. per 100 gallons (or $5\ 1/2$ teaspoonfuls per one gallon). Spray at 7-10 day intervals as needed.

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NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other material.

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 10163-90	DATE OF ISSUANCE MAY 11 1984
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREГИSTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT Prokil Pizam 47.3 JP	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code) Gowan Company P.O. Box 5696 Yuma, AZ 85364	
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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.		
This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:		
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(2) when the Agency requires all registrants of similar products to submit such data.		
2. Make the labeling accepted below before you release the product for shipment:		
a. Add the phrase "EPA Registration No. 10163-90."		
b. Add "or equivalent" to "Do not apply directly to water."		
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.		
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 3(d). Your release for shipment of the product constitutes acceptance of these conditions.		
A stamped copy of the label is included for your records.		
Henry M. Jacoby Product Branch (21) Insecticide-Herbicide Branch Registration Division (WH-567)		
Enclosure		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL <i>[Signature]</i>		DATE 5/11/84