

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION 10163-106	DATE OF ISSUANCE DEC 2 1985
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT Growth Cycle 7-803	

NOTICE OF PESTICIDE: REGISTRATION
 REREGERISTRATION
(Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended.)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

<input type="checkbox"/>	<input type="checkbox"/>	161	163219
<input type="checkbox"/>	<input type="checkbox"/>	18	1

Growth Company
 P.O. Box 1000
 Yuna, WI 53094

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.

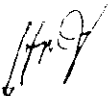
- The product is conditionally registered in accordance with FIFRA Act, (a)(7)(C) provided that you:
1. Submit and receive all the required data for registration/conditional registration of the product in accordance with the Agency's directions and instructions of all the products in similar situation.
 2. Place the following number and below label you purchase the product for reference:
 a. "EPA Registration No. 10163-106"
 b. "Growth Cycle 7-803" correct the spelling for "Growth Cycle"
 c. "Year 1985" correct the spelling "Year" and "1985" between "Growth Cycle 7-803".
 3. Submit five (5) copies of your final printed labeling before you receive the product for shipment. Refer to the label and copy for a detailed description of final printed labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *Henry M. Jacoby* DATE: 12/2/85

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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


Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure

GOWAN ZIRAM 76 WDG

Granular Fungicide

Active Ingredients: 76.0%
 Ziram (Zinc dimethyldithiocarbamate)

Inert Ingredients: 24.0%
 Total 100.0%

ACCEPTED
 with COMMENTS
 to EPA Letter D-111

KEEP OUT OF REACH OF CHILDREN

DANGER—PELIGRO

PRECAUCION AL USUARIO: Sustituido no lee ingles, no use este producto hasta que la etiqueta sea explicada ampliamente.

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

DEC 2 1985

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

1016 3-166

Precautionary Statements
 Hazards to Humans and Domestic Animals

DANGER

Causes irreversible eye damage. Do not get in eyes. Wear goggles, face shield or safety glasses when handling. May be harmful if swallowed. May cause irritation to skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use if state near heat or open flame.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENTS

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. 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 and oral warnings must include the following information: DANGER—Area treated with Ziram on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, follow instructions under Statement of Practical Treatment section.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Store in ventilated, cool area (to 30 C), away from sources of heat or flame. Keep in tightly closed original container.

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.

NOTICE OF 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 or such, or its combination with other materials.

NET CONTENTS 5 POUNDS
 GOWAN COMPANY Agricultural Chemicals

EPA Reg. No.
 EPA Est. No.

P.O. Box 5696
 Yuma, AZ 85364

DIRECTIONS FOR USE

To mix, fill spray tank 1/3 to 1/2 full of water. With agitator running, slowly pour in the required amount of Ziram 76 WDG. Finish filling tank with water. Continue mixing in the tank until thoroughly mixed before applying. Continue agitation and spray immediately. For plants difficult to wet, add spreader-sticker in order to secure uniform coverage.

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

APPLICATION RATES

Fruit and Nut Trees

Dilute full coverage ground spray - Use specified pounds per acre in 400 - 600 gallons of water per acre.

Air - Use specified pounds per acre in not less than 10 gallons of water per acre.

Concentrate sprayer - Use specified pounds per acre in not less than 50 gallons of water per acre. Special concentrate equipment needed for this application.

Vegetables

Dilute full coverage ground spray - Use specified pounds per acre in enough water for thorough coverage.

Air - Use specified pounds per acre in 5 - 20 gallons of water per acre.

Berries, Ornamentals

Dilute full coverage ground spray - Use specified pounds per 100 gallons of water in enough water for thorough coverage.

NOTE to user: Good coverage is essential for effective disease control - ground application is preferred.

RECOMMENDATIONS

ALMONDS: Brown Rot Blossom and Twig Blight; Leaf Blight (Shothole Fungus) - Use 6 to 10 pounds per acre in prebloom, blossom and petal fall periods.
Scab - Use 6 to 10 pounds per acre at petal fall. For application up to 5 weeks after petal fall, do not use more than 8 pounds per acre.

APPLES; PEARS: Scab - Use 4 to 7 1/2 pounds per acre in preblossom, calyx and early cover sprays. Reduce to 4 to 5 pounds per acre in later cover sprays. Bull's Eye Rot (Pacific Northwest and B.C.) Use 6 to 10 pounds per acre 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 4 to 7 1/2 pounds per acre in preblossom and calyx sprays. Apples may be injured by zinc compounds under certain conditions. DO NOT apply within 7 days of harvest.

APRICOTS: Brown Rot ^{Blossom Blight;} Shothole Fungus - Use 6 to 10 pounds per acre in preblossom, 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.

CHERRIES: Brown Rot Blossom Blight - Use 4 to 5 1/4 pounds per acre in popcorn, full blossom and petal fall stages. Leaf Spot - Use 4 to 5 1/4 pounds in petal fall and shuck fall stages and approximately 2 weeks after shuck fall. DO NOT APPLY within 7 days of harvest.

NECTARINES; PEACHES: Peach leaf Curl; Shothole Fungus - Use 6 to 15 lbs. per acre 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 6 to 10 lbs. per acre at pink bud and 25% to 75% full bloom. Fruit Brown Rot - Use 6 to 10 lbs. per acre at petal fall, two weeks later, and one or more additional applications at 7-14 day intervals beginning about one month before harvest. If preharvest applications are made, remove excess residues by wiping or brushing. 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 10 lbs. per acre after petal fall.

PECANS: Scab - Use 8 to 10 lbs. per acre 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.

BEANS: Rust; Anthracnose - Use 1 1/2 to 2 lbs. per acre when plants are small. increase dosage to 3 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 1 to 2 lbs. 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 for food or feed.

CABBAGE; CAULIFLOWER: Alternaria Leaf Spot; Downy Mildew - Use 1 1/2 to 2 lbs. 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 1/2 to 2 lbs. per acre. Begin in the plant bed and continue in the field at 5 to 10 day intervals or at 3 to 5 day intervals under severe disease conditions. Remove residues by stripping, trimming and washing.

CUCURBITS (CANTALOUPE, CUCUMBERS, MELONS, PUMPKINS, SQUASH): Alternaria Leaf Blight; Anthracnose; Angular Leaf Spot; Downy Mildew; Scab - Use 1 1/2 to 2 lbs. 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 3 lbs. per acre.

EGGPLANT; PEPPERS: Anthracnose; Leaf Spot - Use 1 to 2 lbs. per acre. Begin in plant bed when plants emerge. Repeat in plant bed and field at 7-10 day intervals or as necessary.

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

TOMATOES (GREENHOUSE): Gray Mold - Use 1 1/2 to 2 lbs. per acre. Start applications before infections occurs and repeat at 7-10 day intervals. Under severe disease conditions, shorten the interval to 3-5 days.

BLACKBERRIES (PACIFIC NORTHWEST): Evergreen Blackberry Canker - Use 1 1/2 to 2 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 3 lbs. per 100 gallons at loose bud scale stage and 7 days later. DO NOT apply later than 3 weeks after full bloom.

CRANBERRIES: Fruit Rot - Use 3 lbs. per 100 gallons, applying three times at two week intervals beginning at mid-bloom. DO NOT apply 4 weeks after mid-bloom.

GRAPES: Black Rot; Powdery Mildew - Use 1/5 lbs. per 12 gallons. Apply before buds swell. Repeat after blossoming, but before fruit forms. DO NOT apply after fruit begins to form.

STRAWBERRIES: Leaf Spot - Use 1 1/2 to 2 lbs. per 100 gallons. Apply when blossom buds first show and again when earliest blossoms open. Gray mold (Botrytis) - Use 1 1/2 to 2 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.

ORNAMENTALS: Petal Blight (on Azaleas and ^{Camellias}) - Use 1 1/2 to 2 lbs. per 100 gallons (or 6 teaspoonfuls per one gallon). Spray at 3-5 day intervals as needed. Begin with first bloom. Spray flowers and drench mulch and litter beneath bushes. Leaf Spot (Chrysanthemum and Snapdragons) - Use 1 1/2 to 2 lbs. per 100 gallons (or 6 teaspoonfuls per one gallon). Spray at 7-10 day intervals as needed.