

iram 76DF

Fungicide

ACTIVE INGREDIENT:

Ziram (Zinc dimethyldithiocarbamate) 76.0%
(Zinc expressed as metallic 16.25%)

OTHER INGREDIENTS: 24.0%

TOTAL 100.0%

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.)

FIRST AID:**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 – 20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

EPA REGISTRATION NO. 4581-140-82695

EPA ESTABLISHMENT NO. 32557-BEL-1



Cerexagri-Nisso LLC

Sold by:

Cerexagri-Nisso LLC

630 Freedom Business Center • Suite 402

King of Prussia, PA 19406

1 800-438-6071 • www.cerexagri-nisso.com

NET CONTENTS _____



Pantone 202C



Pantone 370C



Black

**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 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), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

-For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

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 76DF is effective against many fungal diseases and is non phytotoxic to labeled crops. It is compatible with most commonly used pesticides and adjuvants. It may be used with systemic fungicides, such as TOPSIN®M, for broad spectrum disease control and can be used in Integrated Pest Management (IPM) programs.

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.

GENERAL USE PRECAUTIONS

For dilute applications, use ZIRAM 76DF at the recommended rate per 100 gallons.

For aerial applications, use ZIRAM 76DF in a minimum of 10 gallons of spray per acre; for concentrate ground applications, use a minimum of 20 gallons of spray per acre.

For both ground and aerial applications, always use sufficient water to provide thorough coverage.

Use the high label rate under severe disease pressure or when conditions promote rapid disease development.

Maximum application is for a crop cycle. Crop cycle can be defined as pre-bloom through postharvest.

Do not graze or feed cover crops from treated orchards.

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

FRUIT AND NUT TREE CROPS

Crop	Pounds ZIRAM 76DF		Disease(s)	Directions
	Per 100 Gallons	Per Acre		
Almonds		8	Shot-hole Brown Rot (Blossom and Twig Blight) Leaf Blight Scab Anthracnose	Apply at popcorn, full bloom, petal fall or as needed, but no later than 5 weeks after petal fall. Do not apply more than 32 lbs. (24.3 lbs. A.I.)/A per crop cycle. (see GENERAL USE PRECAUTIONS section for definition of crop cycle).
Apples	1½ - 2 ^②	6 - 8	Apple Scab Cedar Apple Rust ^① Quince Rust ^① Sooty Blotch ^① Fly Speck ^① Bitter Rot ^① Necrotic Leaf Blotch ^①	Apply from pre-bloom through cover sprays as needed. Under severe disease pressure use the higher rate. Do not apply within 14 days of harvest. Eastern U.S.: Do not apply more than 56 lbs. (42.6 lbs. A.I.)/A per crop cycle. Western U.S.: Do not apply more than 32 lbs. (24.3 lbs. A.I.)/A per crop cycle.
		6 - 8	Bull's-Eye Rot (Pacific Northwest only)	Apply in the first cover spray and in pre-harvest spray before fall rains begin. Repeat as necessary, especially if excessive rainfall occurs. Do not apply within 14 days of harvest. Do not apply more than 32 lbs. (24.3 lbs. A.I.)/A per crop cycle.
		6 - 8	Perennial Canker ^① (Neofabraea perennans)	Apply pre-bloom and calyx sprays. Do not apply more than 32 lbs./A per crop cycle.
Pears	1½ - 2 ^②	6 - 8	Fabraea Leaf Spot ^① Pear Scab Quince Rust ^① Sooty Blotch ^① Fly Speck ^① Bitter Rot ^①	Apply from pre-bloom through cover sprays as needed. Under severe disease pressure use the higher rate. Eastern U.S.: Do not apply more than 56 lbs. (42.6 lbs. A.I.)/A per crop cycle. Do not apply within 14 days of harvest. Western U.S.: Do not apply more than 32 lbs. (24.3 lbs. A.I.)/A per crop cycle. Do not apply within 5 days of harvest.
		6 - 8	Bull's-Eye Rot (Pacific Northwest only)	Apply in the first cover spray and in pre-harvest spray before fall rains begin. Repeat as necessary, especially if excessive rainfall occurs. Do not apply within 5 days of harvest. Do not apply more than 32 lbs. (24.3 lbs. A.I.)/A per crop cycle.
		6 - 8	Storage Rot ^① (Phialophora malorum)	Apply as a pre-harvest spray. Do not apply within 5 days of harvest. Do not apply more than 32 lbs./A per crop cycle.
Peaches, Nectarines Eastern U.S.	1½ - 2⅔ ^③	4½ - 8	Peach Scab Brown Rot Red Spot Sooty Peach	Apply at pre-bloom through cover sprays as needed. Under severe disease pressure use the higher rate. Do not apply more than 72 lbs. (54.8 lbs. A.I.)/A per crop cycle. Do not apply within 14 days of harvest.
	1¼ - 2⅔ ^③	3¾ - 8	Peach Leaf Curl	Make dormant applications after leaf drop and/or prior to bud swell.
Peaches, Nectarines Western U.S.	2 - 2⅔ ^③	6 - 8	Shot-hole Brown Rot	Apply at pre-bloom through cover sprays or as needed. Under severe disease pressure use the higher rate. Do not apply more than 56 lbs. (42.6 lbs. A.I.)/A per crop cycle. Do not apply within 30 days of harvest.
	2⅔ - 3⅓ ^③	8 - 10	Peach Leaf Curl	Make dormant applications after leaf drop and/or prior to bud swell.
Apricots	2 ^③	6	Shot-hole Brown Rot	Apply at popcorn, full bloom, petal fall, and/or 5 weeks after petal fall, and in cover sprays, as needed. Do not apply more than 30 lbs. (22.8 lbs. A.I.)/A per crop cycle. Do not apply within 30 days of harvest.
Cherries Eastern U.S.	1⅔ - 2⅔ ^③	5 - 8	Brown Rot Leaf Spot Black Knot	Apply at pre-bloom through cover sprays as needed. Under severe disease pressure use the higher rate. Do not apply more than 40 lbs. (30.4 lbs. A.I.)/A per crop cycle. Do not apply within 14 days of harvest.
Cherries Western U.S.	2 ^③	6	Brown Rot Leaf Spot	Apply at pre-bloom through cover sprays as needed. Do not apply more than 30 lbs. (22.8 lbs. A.I.)/A per crop cycle. Do not apply within 30 days of harvest.
Pecans		6 - 8	Pecan Scab Anthracnose	Begin applications when leaves are ¼ - ½ inches long. Repeat after pollination is complete for up to 5 cover sprays at 3-4 week intervals. Do not apply more than 64 lbs. (48.6 lbs. A.I.)/A per crop cycle. Do not apply within 55 days of harvest.

① Not registered for this use in California

② Based on dilute sprays of 400 gallons per acre

③ Based on dilute sprays of 300 gallons per acre

ORNAMENTAL CROPS ^①

Crop	Lbs / 100 Gallons	Disease(s)	Directions
Asters	1½ - 2	Rust	Begin application in early season and continue at 7-day intervals or as needed until blossoms form.
Carnations, Marigolds, Morning Glory, Snapdragons	1½ - 2	Rust	Apply at 7 to 10-day intervals or as needed throughout growing season.
Carnations, Chrysanthemums, Dahlias, Gladiolus, Snapdragons	1½ - 2	Leaf Spot	Apply at 7 to 10-day intervals or as needed throughout growing season.
Azaleas, Camellias	1½ - 2	Petal Blight	Begin application with first bloom. Repeat at 7 to 10-day intervals or as needed through bloom. Apply as a drench to mulch and litter beneath and around bushes.
Cyclamens, Gardenias	1½ - 2	Botrytis Leaf Spot	Apply as needed throughout the growing season.

① Not for use in California

ORNAMENTAL CROPS ① *continued*

Crop	Lbs / 100 Gallons	Disease(s)	Directions
Dahlias, Delphinium, Golden Glow, Hollyhocks, Phlox	1½ - 2	Powdery Mildew	Apply at 7-day intervals or as needed throughout growing season.
Roses	1½ - 2	Black Spot Powdery Mildew	Begin application when leaves unfold. Repeat at 7 to 10-day intervals or as needed throughout season.

① Not for use in California

ORNAMENTAL TREES ①

Crop	Lbs / 100 Gallons	Disease(s)	Directions
Conifers Pine Seedlings	2	Fusiform Rust	Begin application at time of emergence. Repeat at 3 to 5-day intervals or as needed to mid-June.
Douglas Fir Christmas Trees	2	Needle Rust (Melampsora)	Make one application in the spring when new shoot growth is ½ to 2 inches in length.
Shasta Fir Christmas Trees	2	Needle Rust (Puccineastrum)	Make a single application in the spring when new shoot growth is ½ to 2 inches in length.

Note: Due to the continuous development of new varieties of each of the ornamental plants and trees listed above, it is recommended that prior to the first use on a particular ornamental variety, the grower treat a small sample (6-10) with the product at recommended dose to determine if there is going to be phytotoxicity, including but not limited to necrosis, leaf burn or stunting.

① Not for use in California

SMALL FRUIT AND VEGETABLE CROPS

Crop	Pounds ZIRAM 76DF Per Acre	Disease(s)	Directions
Blackberries①	3	Evergreen Blackberry Canker	Apply in sufficient water for thorough coverage. Make one application between mid-June and early July.
Blueberries①	3	Mummyberry Shoot Blight Phomopsis (Twig Blight, Cane and Stem Canker) Anthracnose Fruit Rot (Ripe Rot) Botrytis (aids in control)	Apply in sufficient water for thorough coverage. Apply at loose bud scale stage and 7 days later. Do not apply later than 3 weeks after full bloom.
Grapes Eastern U.S. (East of the Rockies)	3 - 4	Black Rot Downy Mildew Phomopsis Cane and Leaf Spot Ripe Rot Botrytis Bunch Rot (aids in control)	Begin applications when shoots are at least one inch long and continue at 7-14 day intervals or as necessary according to the integrated pest management guidelines for the particular growing area. Use shorter intervals under heavy disease pressure. Do not apply more than 28 lbs. per acre per crop cycle. Do not apply later than 21 days to harvest.
Grapes Western U.S. (West of the Rockies)	3 - 4	Black Rot Downy Mildew Phomopsis Cane and Leaf Spot Ripe Rot Botrytis Bunch Rot (aids in control)	Apply when shoots are ½ to 1½ inches long and repeat at 7-10 day intervals as needed. Do not apply after bloom.
Tomato① (Do not use on cherry tomatoes)	3 - 4	Anthracnose Early Blight Septoria Leaf Spot	Begin applications at first sign of infection and continue at 7-14 day intervals. Use the shorter spray interval under high disease pressure. Do not apply more than 24 lbs(18.2 lbs. A.I.)/A per crop cycle. Do not apply within 7 days of harvest. Ziram can be mixed with copper fungicides to enhance bacterial disease control.

① Not for use in California

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.

EMERGENCY TELEPHONE NUMBERS:**CHEMTREC: (800) 424-9300****MEDICAL: (303) 623-5716****Rocky Mountain Poison Control Center****WARRANTY AND DISCLAIMER**

Cerexagri-Nisso LLC 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. CEREXAGRI-NISSO LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL CEREXAGRI-NISSO LLC 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.

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