

2018-6295
2019-01-17

Taminco

GROUP	M	FUNGICIDE
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Ferbam 76WDG Agricultural Fungicide

AGRICULTURAL

Water-Dispersible Granules

GUARANTEE: Ferbam 76%

REGISTRATION NO. 20536 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

NET CONTENTS 20 kg

Taminco US LLC.
A subsidiary of Eastman Chemical Company
200 S. Wilcox Drive
Kingsport, TN 37660
United States
1-423-229-2000

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DIRECTIONS FOR USE:

Rates given below are based on kilograms per hectare unless otherwise indicated. Apply in sufficient water for thorough coverage of all plants. This volume will depend on spray equipment and size of plants. Although certain spray timing recommendations are listed below, follow provincial recommendations for proper timing of the spray schedule.

For emergencies involving a Spill, Leak, Fire, Exposure, or Accident, contact: CHEMTREC at (800) 424-9300.

For product usage information phone Taminco US LLC, toll free at (423) 229-2000 from 9:00 AM to 5:00 PM Eastern time.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Ferbam 76WDG Agricultural Fungicide contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to Ferbam 76WDG Agricultural Fungicide and other Group M fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of Ferbam 76WDG Agricultural Fungicide or other Group M fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Taminco US LLC at 1-423-229-2000 or at www.taminco.com.

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CROP DISEASE-METHOD/RATE:

APPLES: Scab-Apply 5 kg-6.75 kg/ha in a regular protective schedule from Green-tip up to and including second Cover spray. After the second Cover spray, reduce rate to 4.25 kg/ha if scab is at low level in the orchard OR use another fungicide in later Cover sprays. Some russetting may be caused to Golden Delicious, Jonathan and other russet-susceptible varieties if Ferbam 76WDG Agricultural Fungicide is used in the early season or bloom applications. To minimize this situation, the best time for use is in the Cover sprays. In the late season sprays, an effective spreader should be used to avoid possible blotchy residue which may be unsightly and may interfere with good colouration.

Rust disease-Apply the above Scab sprays or add 2.5 kg/ha to other fungicides used for Scab control.

Bitter Rot, Black Rot, Brooks' Spot, Calyx-end Rot, Fly Speck, Frogeye Leaf Spot, Sooty Blotch - Apply the higher rates recommend for scab as long as any of these other diseases threaten.

PEARS: Scab, Leaf Blight, Fruit Spot, Sooty Blotch – Apply 6.75 kg/ha in the pre-bloom, calyx, first and second Cover sprays. Use 4.25 kg/ha in later Cover Sprays.

APRICOTS: Brown Rot, Coryneum Blight, Green Rot – Apply 6.75 kg/ha at red bud, early bloom and full bloom. Apply an additional spray at petal-fall to control Green Rot.

CHERRIES: Brown Rot - To control the blossom blight stage of this disease, apply 6.75 kg/ha at the pre-bloom stage and repeat regularly, particularly during wet weather. Leaf Spot - On sour cherries, apply 6.75 kg/ha at petal-fall. On sweet and sour cherries, apply 6.75 kg/ha in the shuck and all Cover sprays. Repeat after harvest.

PEACHES: Leaf Curl - Apply 6.75 kg/ha in the fall after leaves have fallen OR in March or early April before buds break. Coryneum Blight (shot-hole) - Apply 6.75 kg - 8.25 kg/ha in the dormant and popcorn stages. Brown Rot, Blossom Blight - Apply 5.25 kg to 6.75 kg/ha at pink bud and 25 to 75% of full bloom.

PLUMS, PRUNES: Brown Rot - Apply 2.0 kg - 2.5 kg/1000 L water at popcorn, full bloom and two weeks after full bloom. Make another application 5 weeks before harvest and repeat weekly during wet weather.

GRAPES: Black Rot - Apply 2.0 kg - 2.5 kg/1000L water just before bloom, just after bloom, two weeks later, and in supplemental applications as recommended by local authorities.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, RASPBERRIES:

Anthracnose, Rust, Spur Blight - Apply 6.5 kg/ha as a delayed dormant spray. Make a second application using 4.0 kg - 5.5 kg in 1000 L water when canes are 25-30 cm tall, a third just before bloom, and a fourth immediately after harvest. DO NOT APPLY after berries start to form.

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BLUEBERRIES: Botrytis Blight, Blossom Blight, Twig Blight – Apply 3.75 kg/1000 L water. Make first applications when leaves are emerging or flower buds breaking. Additional applications when leaves are emerging or flower buds breaking. Additional application up to mid-bloom may be made at intervals of 7 to 10 days, depending on weather.

CURRANTS: Leaf Spot - Apply 6.75 kg/ha. See local spray calendar for timing of applications.

CRANBERRIES: Fruit Rots - Apply 6.75 kg/ha beginning at early bloom and repeat two times at 2-week intervals for a total of three applications. Do not apply within 28 days of mid bloom.

TOBACCO: Blue Mould (in seedbeds) - Mix 0.5 kg/100 L of water and apply 20-24 L/100 m² when the seeding leaves are the same size of a dime or when the blue mould first appears. Repeat three times per week until transplanting.

GREENHOUSE CUCUMBERS AND TOMATOES: Gray Mold (Botrytis) Apply 2.0 kg/1000 L of water at weekly intervals until disease is checked. Diseased cucumber plants usually recover if affected parts are scraped and covered with a thick paste of Ferbam 76WDG Agricultural Fungicide. Remove and destroy all plant debris taken from infected crops. FERBAM causes severe injury to seedless English cucumbers.

GREENHOUSE LETTUCE: Botrytis - Apply 2.0 kg/1000 L water. Spray seedlings before first transplanting. Repeat once or twice at 10-day intervals.

DAYS TO HARVEST: Do not apply to crops within the following pre-harvest intervals:

1 Day: Greenhouse Cucumbers and Tomatoes

4 Days: Cherries

7 Days: Apples, Pears, Grapes, and Plums/Prunes

14 Days: Currants

21 Days: Apricots, Peaches

40 Days: Blueberries

SPRUCE CONES: Spruce Cone Rust - Apply 2.6 kg/1000L (2.6 g/1L) water at pollination. Use 300 - 600 ml of spray mixture per tree. Spray to run off. To ensure all trees are treated at pollination, applications may be required 1 week before and after pollination.

MIXING: Ferbam 76WDG Agricultural Fungicide mixes readily with water. To mix this material, slowly pour the desired amount into the partially filled tank of water with the agitator running. When thoroughly mixed, apply at once with continuous agitation. Ferbam 76WDG Agricultural Fungicide is compatible with most commonly used insecticides and fungicides except Bordeaux mixture, lime sulfur, fixed copper and hydrated lime.

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USE RESTRICTIONS: Do not contaminate ponds, streams, rivers or other water sources. Keep away from feed and foodstuffs.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN; AVOID CONTACT WITH SKIN AND EYES. Hazardous if swallowed, inhaled or absorbed through the skin. Wear protective gloves and coveralls when handling Ferbam 76WDG Agricultural Fungicide or when spraying dilute mixture. Avoid breathing dust or spray mist. To avoid inhalation when using this product, the use of an efficient mask or respirator is recommended. Wash hands and exposed skin thoroughly after handling and before eating, drinking or smoking. Remove any contaminated clothes immediately. Avoid spray drift to areas occupied by unprotected persons and animals. Do not enter treated area without protective clothing until sprays have dried.

DO NOT APPLY BY AIR

FIRST AID:

IF SWALLOWED: Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

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 centre or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre 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 by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take the container label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE: Keep in original container during storage. Store product in cool, dry, well ventilated place away from seed, feed, fertilizer or other pesticides. Keep away from fire or open flame or other sources of heat.

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DISPOSAL

1. Triple rinse the empty container. Add the rinsing to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.