

2011-5024

2011-11-22

FERBAM 76 WDG FUNGICIDE

GROUP M FUNGICIDE

COMMERCIAL

READ THE LABEL BEFORE USING

GUARANTEE: Ferbam 76%

REGISTRATION NO. 20136 PEST CONTROL PRODUCTS ACT

DIRECTIONS FOR USE

The rates "per 1000 litres" recommended for tree fruits are based on dilute spray. FERBAM 76 WDG may be used in low volume or as concentrate sprays by increasing the dosage to apply the same quantity of FERBAM 76 WDG per hectare as would normally be applied when spraying dilute mixtures. Apply in sufficient water for thorough coverage of all plant parts: this volume depends on spray equipment and size of plants.

MIXING

FERBAM 76 WDG mixes rapidly with water. FERBAM 76 WDG is compatible with most commonly used insecticides and fungicides except Bordeaux mixture and fixed copper plus hydrated lime.

CROP/DISEASE

APPLE: Bitter rot, black rot, brooks spot, calyx-end rot, cedar-apple rust, fly speck, frog-eye leaf spot, quince rust, scab, sooty blotch. For scab apply 1.25 - 2 kg FERBAM 76 WDG in a regular protective schedule from green tip up to and including second cover spray. After the second cover spray reduce rate to 1 kg per 1000 litres if scab is at a low level in the orchard. For the rust diseases, follow the scab program through the first cover spray and include a special bloom spray of 750 g of FERBAM 76 WDG per 1000 litres. Use the higher rates recommended for scab as long as any of the other diseases threaten. May cause russetting of Golden Delicious, Jonathon and other sensitive varieties. Do not apply within 7 days of harvest.

APRICOT: Brown rot, coryneum blight, green rot.

Apply 2.5 kg FERBAM 76 WDG in 1000 litres at red bud, early bloom and full bloom. Do not apply within 21 days of harvest.

BLACKBERRY, BOYSENBERRY, DEWBERRY, RASPBERRY:

Anthraxnose, rust, spur blight.

Apply 3.75 kg FERBAM 76 WDG in 1000 litres as a delayed dormant spray. Make a second application using 2 kg - 2.5 kg in 1000 litres when new canes are 25 - 30 cm tall and a third just before bloom. Do not apply to blackberry, boysenberry, dewberry or raspberry after the berries begin to form.

BLUEBERRY: Botrytis blight, blossom blight, twig blight.

Apply 3.75 kg FERBAM 76 WDG in 1000 litres. Make first applications when leaves are emerging or flower buds breaking. Additional applications up to mid-bloom may be made at intervals of 7 to 10 days, depending on the weather. Do not apply within 40 days of harvest.

CHERRY (Sweet, Sour): Brown rot blossom blight, brown rot stem rot, leaf spot.

For brown rot blossom blight, apply 1.75 - 2 kg FERBAM 76 WDG in 1000 litres at pink bud, at full bloom, at petal fall, and at intervals of 7 to 10 days starting 2 to 3 weeks before harvest. For brown rot stem rot, make 3 pre-harvest applications at intervals of 14 days, beginning at petal fall and apply again immediately after harvest. Do not apply within 4 days of harvest.

CRANBERRIES: Fruit rots - Apply 6.75 kg/ha beginning at early bloom and repeat two times at 2-week intervals for a total of 3 applications. Do not apply within 28 days of mid-bloom.

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

GRAPE: Black rot.

Apply 2 - 2.5 kg FERBAM 76 WDG in 1000 litres just before bloom, just after bloom, 14 days after bloom and

in supplemental applications as recommended by local authorities. Do not apply within 7 days of harvest.

GREENHOUSE CUCUMBERS AND TOMATOES: Gray mold (Botrytis) - Apply 2 kg/1000L 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 76 WDG. Remove and destroy all plant debris taken from infected crops. FERBAM 76 WDG causes severe injury to seedless English cucumbers.

GREENHOUSE LETTUCE: Botrytis - Apply 2 kg/1000L water. Spray seedlings before first transplanting. Repeat once or twice at 10 day intervals.

PEACH: Leaf curl, coryneum blight (shot hole).

Apply 1.75 - 3.5 kg FERBAM 76 WDG in 1000 litres in the dormant and popcorn stages.

Brown rot blossom blight.

Apply 1.75 - 2.25 kg FERBAM 76 WDG at pink bud and 25 to 75% of full bloom. Do not apply within 21 days of harvest.

PEAR: Fruit spot, leaf blight, pear scab, sooty blotch.

Apply in the pink, calyx and first and second cover sprays using 2 kg FERBAM 76 WDG per 1000 litres. Reduce rate to 1.25 kg in the summer sprays.

Do not apply within 7 days of harvest.

PLUM, PRUNE: Brown rot.

Apply 2 - 2.5 kg FERBAM 76 WDG in 1000 litres of water at popcorn, full bloom and two weeks after full bloom. Make another application 5 weeks before harvest and repeat weekly during wet weather. Do not apply within 7 days of harvest.

SPRUCE CONES: Spruce cone rust - Apply 2.6 kg/1000L (2.6 g/L) 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 one week before and after pollination.

TOBACCO: Blue mold (in seed beds).

Mix 5 kg FERBAM 76 WDG in 1000 litres of water and apply 20 - 24 litres per 100M² when tobacco leaves are the size of a dime or when blue mold first appears. Repeat 3 times per week until transplanting.

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

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

Hazardous if swallowed, inhaled or absorbed through the skin. After handling, wash thoroughly with soap and water before eating, drinking or smoking and change to clean clothing. Do not apply or allow to drift to areas occupied by unprotected persons or animals or to streams, lakes or ponds to protect wildlife. Avoid contamination of feed or food including such crops on which residue is unsafe.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: www.croplife.ca.

DO NOT APPLY BY AIR

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that FERBAM 76 WDG Fungicide contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to FERBAM 76 WDG 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 76 WDG 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 the Technical Service, United Agri Products, 1-800-265-4624 or at www.uap.ca.

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 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 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.

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

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE: Store product in a cool dry place - do not freeze.

DISPOSAL:

1. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
2. Make the empty container unsuitable for further use.
3. Dispose of the container in accordance with provincial requirements.
4. For information on the 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.

NET CONTENTS: 10 kg

LOVELAND PRODUCTS CANADA INC.
789 Donnybrook Drive, Dorchester, Ontario N0L 1G5
1-800-265-4624

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