

2024-0991
2025-12-04

GROUP	M	FUNGICIDE
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NET CONTENTS: 22.68 KILOGRAMS

BARTLETT

MICROSCOPIC Wettable Sulphur

Wettable Powder
COMMERCIAL-AGRICULTURAL
ACTIVE INGREDIENT: SULPHUR 92%

REGISTRATION NO. 873 PEST CONTROL PRODUCTS ACT
READ THE LABEL BEFORE USING

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Do not inhale dust or spray mist. Avoid contact with skin and eyes. After handling, wash thoroughly with soap and water before eating or smoking. Do not contaminate ponds, streams or other bodies of water. Avoid contamination of feed or food. Wear goggles or a face shield, chemical-resistant gloves, a hat, a long-sleeved shirt, long pants and rubber boots during mixing/loading, application, clean-up and repair activities. Do not enter or allow workers to enter into treated areas until 24 hours after application.

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. **In case of skin or clothing contact,** 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.

STORAGE: Store this product away from food or feed.

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

RESISTANCE MANAGEMENT: For resistance management, please note that Bartlett Microscopic Wettable Sulphur contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to Sulphur 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 Bartlett Microscopic Wettable Sulphur or other Group M fungicide with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
- Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify N.M. BARTLETT INC. if reduced sensitivity for the pathogen to Bartlett Microscopic Wettable Sulphur is suspected.
- 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 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 N.M. BARTLETT INC. at 1-800-263-1287 or at www.bartlett.ca.

COMPATIBILITY / TANK MIXING: This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact N.M. BARTLETT INC. at 1-800-263-1287 for information before applying any tank mix that is not specifically recommended on this label. **DO NOT TANK MIX WITH OIL OR PRODUCTS THAT CONTAIN OIL IN THE FORMULATION. DO NOT SPRAY SULPHUR WITHIN 30 DAYS OF AN OIL APPLICATION. CROP DAMAGE MAY OCCUR.**

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.

DIRECTIONS FOR USE

The rates recommended below are based on 1000 L of dilute spray and kg per ha. Bartlett Microscopic Wettable Sulphur may be used in low volume or concentrate sprays by increasing the dosage to apply the same quantity of product per ha as would normally be applied when spraying dilute mixtures.

DO NOT APPLY BY AIR.

Follow provincial or territorial recommendations for proper timing of the sprays. **DO NOT APPLY IF HIGH TEMPERATURES (ABOVE 26°C) AND HIGH HUMIDITY PREVAIL OR ARE EXPECTED DURING THE THREE DAYS FOLLOWING APPLICATION. DO NOT USE SULPHUR WITHIN 30 DAYS OF AN OIL SPRAY OR BORDEAUX MIXTURE.** Do not apply more than 8 applications per season. Do not apply during periods of dead calm or when winds are gusty. For airblast application: Do not direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. Do not apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

CROP/DISEASE	METHOD/RATE
APPLE, PEAR Powdery Mildew Scab	Apply 6.5 kg per 1000 L (19.5 kg per ha) in the Pre-Bloom, Calyx and first Cover sprays. Reduce to 3 kg/1000 L or 9.0 kg per ha if hot weather threatens. In the later Cover sprays use 3.5 kg - 4.5 kg per 1000 L (10.5 kg - 13.5 kg per ha) depending on mildew conditions and temperature.
PEACH Brown Rot Scab	Apply 6.5 kg per 1000 L (19.5 kg per ha) in a regular spray program starting at the late Pink stage. Repeat just before and during harvest if wet weather occurs.
PLUM, PRUNE Brown Rot Black Knot	Apply 6.5 kg per 1000 L (19.5 kg per ha) in a regular spray program starting at the Shuck stage. Repeat just before and during harvest if wet weather occurs.
SWEET CHERRY Brown Rot	Apply 6.5 kg per 1000 L (19.5 kg per ha) in a regular spray program from the Bloom stage until just before harvest. Repeat during harvest if wet weather occurs.
SOUR CHERRY Brown Rot Powdery Mildew	Apply 6.5 kg per 1000 L (19.5 kg per ha) at the bloom stage. If powdery mildew is a problem, apply 3.5 kg/1000 L (10.5 kg per ha) in the first, second and third cover spray.
GRAPES Powdery Mildew	Apply 4.5 kg/1000 L in the Post-Bloom spray on Agawam, Seneca and Seibel varieties. Do not use on Concord, Foch, Van Buren or other sulphur sensitive varieties of grapes. Apply 6 kg/1000 L in the First, Second and further Cover sprays. Do not apply later than 21 days before harvest on grapes for wine.

Spray Buffer zones for the protection of aquatic habitats.

The following table specifies the spray buffer zones which are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

METHOD OF APPLICATION	CROP	SPRAY BUFFER ZONE (METRES) REQUIRED FOR THE PROTECTIN OF AQUATIC HABITAT
Airblast	Sweet cherry Sour Cherry Plum Peach Apple Pear Prune Grape	5

When tank mixes are permitted, consult the labels of the tank mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASABE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product for conventional application equipment can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Drift Mitigation portion of the Canada.ca website.

TOXICOLOGICAL INFORMATION: Treat Symptomatically.

ENVIRONMENTAL PRECAUTIONS: Do not apply directly to aquatic habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands) and estuarine/marine habitats. Do not contaminate water by cleaning of equipment or disposal of wastes.

FOR CONTROL OF POWDERY MILDEW ON GREENHOUSE TOMATOES

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than N.M. BARTLETT INC. under the User Requested Minor Use Label Expansion program. For these uses, N.M. BARTLETT INC. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

Wear goggles or a face shield, a NIOSH-approved respirator, chemical-resistant gloves, a hat, a long-sleeved shirt, long pants and rubber boots during mixing/loading, application, clean-up and repair activities. Do not enter or allow workers to enter into treated areas until 24 hours after application.

DIRECTIONS FOR USE

CROP/DISEASE

METHOD/RATE

GREENHOUSE TOMATO
Powdery Mildew

Apply 750 g per 1000 L water/ha; PHI 1 day; maximum of 10 applications per crop cycle. Apply weekly from onset of first symptoms and during conditions favouring disease; two applications may be sufficient to control each incidence of disease; may cause slight foliar phytotoxicity.

FOR CONTROL OF POWDERY MILDEW ON GREENHOUSE PEPPERS

NOTE TO USER : READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS :

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than N.M. BARTLETT INC. under the User Requested Minor Use Label Expansion program. For these uses, N.M. BARTLETT INC. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

Wear goggles or a face shield, a NIOSH-approved respirator, chemical-resistant gloves, a hat, a long-sleeved shirt, long pants and rubber boots during mixing/loading, application, clean-up and repair activities. Do not enter or allow workers to enter into treated areas until 24 hours after application.

DIRECTIONS FOR USE

CROP/DISEASE

GREENHOUSE PEPPERS
Powdery Mildew

METHOD/RATE

Apply 543-760g per 1000 L water/ha; apply as required; do not exceed 10 applications per crop cycle; apply on a minimum of 14 day interval.

FOR CONTROL OF POWDERY MILDEW ON CANNABIS GROWN IN GREENHOUSES AND OTHER ENCLOSED GROWING STRUCTURES

NOTE TO USER : READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS :

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than N.M. BARTLETT INC. under the User Requested Minor Use Label Expansion program. For these uses, N.M. BARTLETT INC. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

Wear goggles or a face shield, a NIOSH-approved respirator, chemical-resistant gloves, a hat, a long-sleeved shirt, long pants and rubber boots during mixing/loading, application, clean-up and repair activities. Do not enter or allow workers to enter into treated areas until 24 hours after application.

DIRECTIONS FOR USE

CROP/DISEASE

Cannabis grown in greenhouses and other enclosed growing structures

Powdery Mildew (*Sphaerotheca macularis*)

METHOD/RATE

Apply 750 g per 1000 L water/ha; maximum of 10 applications per crop cycle. Apply weekly from onset of first symptoms and during conditions favouring disease; two applications may be sufficient to control each incidence of disease. APPLICATIONS ONLY PERMITTED DURING VEGETATIVE STAGE.