

SOIL-DIRECTED AND OTHER FOLIAR APPLICATIONS - CANE BERRY (BLACKBERRY AND RASPBERRY) SUBGROUP

General Information

FORESTRY APPLICATION INSTRUCTIONS

Consult with recognized forest pest management authorities or an AEF Global Inc. representative regarding appropriate timing and method of application. The timing and number of applications required for effective forest protection will depend upon the target pest, target foliage development, pest pressure and larval activity. Correspond applications with sufficient foliage development (shoot elongation or leaf expansion) to ensure maximum spray deposit. To the extent possible, apply treatments after egg hatch has been completed to assure that the maximum number of larvae is present during the treatment period. In conditions where egg hatch is extended and/or larval development is significantly advanced and/or larval populations are high, use of higher rates and/or additional applications, 3-10 days apart, is recommended. See dose rate table for pest-specific application instructions.

Ground Application:

Dilute required amount of Bioprotec PLUS with water only to the volume required to provide thorough coverage. Do not wet foliage to the point of excessive runoff.

For mist blower applications, add Bioprotec PLUS to water at a ratio of 1:20 to 1:50. Use a maximum of 10.7 gallons of spray mixture per acre.

For high volume hydraulic sprayers, add Bioprotec PLUS to water at a ratio of 1:50 to 1:500. Use a maximum of 107 gallons of spray mixture per acre.

Aerial Application:

Apply only by fixed-wing or rotary aircraft equipment that has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific.

Apply only at the rate specified for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application by using appropriate

marking devices and/or electronic guidance equipment.

Undiluted applications are highly recommended for most labeled pests. To improve coverage, Bioprotec PLUS may be diluted with water and applied at the rates indicated in the dose rates table. Total volume of spray material to be applied per acre depends upon the target pest, target foliage, weather, spray equipment and droplet size. Best results are expected when Bioprotec PLUS is applied undiluted to dry foliage with well calibrated aircraft and appropriate spray systems capable of delivering droplets in the range of 500-170 U.S. mesh (30-80 microns) for coniferous foliage and 270-100 U.S. mesh (50-150 microns) for broadleaf foliage.

FOR AGRICULTURAL USES:

For use on trees or shrubs being grown for sale or other commercial use, such as for commercial seed production or research purposes.

- Use the higher rates on advanced larval stages or under high density larval populations.

Limitations, Restrictions, and Exceptions

SOIL-DIRECTED AND OTHER FOLIAR APPLICATIONS

CANEBERRY (BLACKBERRY AND RASPBERRY) SUBGROUP:

Including hybrids, cultivars, and varieties of these.

Application Directions

- Soil Application (band or via drip/microsprinkler irrigation)
- New Plantings: After initial at-planting application (Part 1), reapply once during a period favorable for root rot.
- Established Plantings: Before the plants start to grow in the spring, make a soil-directed application towards the base of the plant in a 3-ft band over the row or via the drip irrigation. One additional application may be made to coincide with the period most favorable for root rot development.
- Ridomil Gold SL will not revitalize plants showing moderate to severe root rot symptoms.
- Use Ridomil Gold SL in conjunction with good cultural practices to minimize disease.

Use Restrictions:

1. Do not use an adjuvant.

2. Do not apply Ridomil Gold SL within 45 days of harvest (45-day PHI).
3. Do not exceed the equivalent of 1.8 lb ai/A per crop of soil-applied and 0.2 lb ai/A per crop of foliar-applied mefenoxam-containing products for a maximum seasonal application rate of 2.0 lb ai/A.
4. If a foliar-directed application of a mefenoxam product is used, do not exceed the equivalent of 1.8 lb ai/A per crop of soil-applied and 0.2 lb ai/A per crop of foliar-applied mefenoxam-containing products for a maximum seasonal application rate of 2.0 lb ai/A.

Method

[Band application](#)

[Drip Irrigation](#)

[Microsprinkler Irrigation](#)

[Soil Spray](#)

[Band application](#)

[Drip Irrigation](#)

[Microsprinkler Irrigation](#)

[Soil Spray](#)

Pre-Harvest Interval

45 days

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

48 hours

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area immediately if there will be no contact with anything that has been treated.

Timings

[New Plantings: After initial at-planting application \(Part 1\), reapply once during a period favorable for root rot.](#)

[Established Plantings: Before the plants start to grow in the spring.](#)