

## **SOIL-INJECTED OR SOIL-INCORPORATED APPLICATIONS - SPINACH ONLY**

### 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-INJECTED OR SOIL-INCORPORATED APPLICATIONS

The restricted-entry interval (REI) for soil-injected or soil-incorporated applications is 0 hours.

#### SPINACH ONLY

#### Application Directions

- Shank application: Shank in Ridomil Gold SL 21 days after planting or after the first cutting. Another application may be shanked in after the next cutting. A total of 2 shanked applications may be made on a 21-day interval.

For additional applications to Lettuce (Head and Leaf), see Part 2 of Directions for Use: Soil Directed and Other Foliar Applications.

#### Use Restrictions:

1. For spinach: Spinach can be harvested with a 3-day PHI only if soil application does not exceed 1.0 lb ai/A/season and foliar application of Ridomil Gold Copper (EPA registration #100-804) formulation does not exceed 0.25 lb ai mefenoxam/A/season. Otherwise, the PHI is 21 days for spinach.

2. For spinach: Do not exceed the equivalent of 1.0 lb ai/A per crop of soil-applied

mefenoxam-containing products at planting and 0.25 lb ai/A per crop of soil-applied post planting, shanked-in applications of mefenoxam-containing products OR do not exceed the equivalent of 1.0 lb ai/A per crop of soil-applied mefenoxam-containing products at planting and 0.4 lb ai/A per crop of foliar-applied mefenoxam-containing products.

3. For spinach: A total of 2 shank applications may be made per crop.

Method

[Shank application](#)

Pre-Harvest Interval

21 days

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Restricted Entry Interval

0 hours

Timings

[21 days after planting or after the first cutting.](#)