

SUGARBEETS - AT PLANT - SUGARBEET ROOT MAGGOT

General Information

RESISTANCE MANAGEMENT

CHLORPYRIFOS 15G contains a Group 1B insecticide. Insect and mite biotypes with acquired resistance to Group 1B may eventually dominate the insect/mite population if Group 1B insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by the product or other Group 1B insecticides.

The following practices are recommended to delay development of insecticide resistance:

- Avoid consecutive use of insecticides with the same mode of action (same insecticide group) on the same insect species.
- Use tank mixtures or premix product containing insecticides with different modes of action (different insecticide groups), provided the products are registered for use.
- Base insecticide use on comprehensive Integrated Pest Management (IPM) programs.
- Monitor treated insect populations in the field for loss of effectiveness.
- Contact your Local Agricultural Extension Specialist, certified crop advisor, or Manufacturer for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.

RATES OF APPLICATION

Do not apply the product by aircraft at a rate greater than 1 pound chlorpyrifos a.i. (6.6 lbs. of the product) per acre.

Limitations, Restrictions, and Exceptions

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At-Plant T-Band Application

- Use the product in a band 4- to 5-inches wide behind the planter shoe, over the drill row, and in front of press wheel. DO NOT APPLY GRANULES IN DIRECT CONTACT WITH SEEDS. Apply 4.5 to 9 ozs. of the product per 1,000 feet of row (equivalent to 6.7 to 13.4 lbs. of the product per acre for 22-inch row spacings). Incorporate granules into the top one-half to 1 inch of soil using suitable equipment.

SPECIFIC DIRECTIONS:

- Apply 4.5 ounces of the product per 1,000 feet of row (equivalent to 6.75 pounds of the product per acre for 22 inch spacings) when populations of Sugarbeet root maggot are expected to be low. If initial adult fly activity indicates higher than anticipated populations, apply Chlorpyrifos 4E-AG at or near the time of peak adult emergence to augment control.

USE PRECAUTIONS AND RESTRICTIONS:

- Granular insecticides, including the product, may contribute to the stress of Sugarbeet plants under certain environmental conditions. Such stress may reduce plant stand or interfere with normal plant development. Herbicides used during preplant incorporation may interact with insecticides and enhance this stress.

- Do not make a foliar application of Chlorpyrifos 4E-AG or other products containing chlorpyrifos within 10 days of an at-plant application of the product.

- The maximum single application rate is 1.35 ozs. chlorpyrifos a.i. (9 ozs. of the product) per 1,000 feet of row or 2 lbs. chlorpyrifos a.i. (13.3 lbs. of the product) per acre for 22-inch spacings.

Method

[Band application](#)

Pre-Harvest Interval

30 days

Rates

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Restricted Entry Interval

24 hours

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

Timings

[At-Plant](#)