

## **SUGARBEET (AT-PLANT) - CUTWORM**

### General Information

### PRODUCT INFORMATION

#### Insect Resistance Management (IRM)

SAURUS contains a Group 1B insecticide. Insect/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 Saurus or other Group 1B insecticides.

To delay development of insecticide resistance, the following practices are recommended:

- Avoid consecutive use of insecticides with the same mode of action (same insecticide group) on the same insect species.
- Use tank mixtures or premix products containing insecticides with different modes of action (different insecticide groups) provided the products are registered for the intended use.
- Base insecticide use on comprehensive Integrated Pest Management (IRM) programs.
- Monitor treated insect populations in the field for loss of effectiveness.

Contact your local extension specialist, certified crop advisor, and or manufacturer for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.

For further information or to report suspected resistance, you may contact Helena Chemical Company by calling 1-901-761-0050 or over the internet at [www.helenachemical.com](http://www.helenachemical.com).

### Application Rates

Do not apply by aircraft at a rate greater than 1 lb. ai chlorpyrifos per acre.

See label for the Equivalent rates of SAURUS per acre for various row spacings.

### Limitations, Restrictions, and Exceptions

#### SOYBEANS

##### At-Plant T-Band Application:

Apply SAURUS in a band 4 to 5 inches wide behind the planter shoe, over the drill row, and in front of the press wheel. Do not apply granules in direct contact with seeds. Apply SAURUS at the rate of 4.5 to 9 oz. per 1,000 feet of row (equivalent to 6.7 to 13.4 lbs. per acre based on 22-inch row spacing). Incorporate SAURUS into the top 1/2 to 1 inch of soil using suitable equipment.

##### Pest-Specific Use Directions:

When root maggot populations are expected to be low, apply SAURUS at a rate of 4.5 oz. per 1,000 feet of row (equivalent to 6.75 lbs. per acre based on 22-inch row spacing). If initial adult fly activity indicates higher than anticipated populations, apply SAURUS-4E at or near the time of peak adult emergence to augment control.

**Specific Use Precautions:** Granular insecticides, including SAURUS, may contribute to the stress of the sugarbeet plant under certain environmental conditions. This stress may reduce plant stand or interfere with normal plant development. Herbicides used preplant incorporated may interact with insecticides and enhance this stress.

##### Specific Use Restrictions:

- Do not make more than 1 application of SAURUS per season or apply more than 2 lbs. ai chlorpyrifos per acre per season.
- Do not apply more than a total of 3 lbs. ai chlorpyrifos per acre per year, or make more than 3 applications of products containing chlorpyrifos per season.
- Do not make a foliar application of SAURUS-4E or other product containing chlorpyrifos within 10 days of an at-plant application of SAURUS.
- The maximum single application rate is 1.35 oz. ai chlorpyrifos per 1,000 feet of

row or 2 lbs. ai chlorpyrifos per acre based on a 22-inch row spacing.

Method

[Band application](#)

Pre-Harvest Interval

30 days

Rates

[field rates 0](#)

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Restricted Entry Interval

24 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 if there will be no contact with anything that has been treated.

Timings

[At-Plant](#)