

CORN: FIELD AND SWEET, INCLUDING GROWN FOR SEED (T-BAND TREATMENT)

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.

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

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SAURUS is compatible with all ALS inhibitor herbicides applied in accordance with label recommendations. Refer to the product labels for additional precautions and directions for use.

At-Plant T-Band Application: Apply 8 oz. of SAURUS per 1,000 ft. of row as a T-band over an open seed furrow over the row behind the planter shoe, in front of the press wheel. In conventional and minimum-till corn, incorporate into the top 1/2 to 1 inch of soil using suitable equipment. A soil-applied T-band treatment may be followed by post-applied herbicides such as Callisto. SAURUS has demonstrated suppression of certain soil-borne pathogens that may result in physiological and agronomic advantages to corn under environmental stress conditions when compared to corn not treated with SAURUS.

Pest-Specific Use Directions:

- Cutworms, fire ants and chinch bugs: The 8 oz. rate provides suppression only for in-furrow treatments.
- Wireworms: For best control, apply as an in-furrow treatment. Consider using a hopper box insecticidal seed treatment with T-band applications.
- Ants: Excludes ants of significant public health importance such as fire ants, harvester ants, carpenter ants, and pharaoh ants. The 8 oz. rate provides suppression only for in-furrow treatments.

Specific Use Restrictions:

- Preharvest Interval: Do not apply within 21 days before harvest of grain or ears.
- Do not make more than 3 applications of any product containing chlorpyrifos per season, including the maximum allowed of 2 granular applications, at the 1 lb. ai

chlorpyrifos rate. Re-treatment with a second soil application of SAURUS is allowed under replant situations due to loss of crop during establishment only when initially applied at the rate of 1 lb.

- Maximum single application rate for at-plant applications of 8 oz. of SAURUS per 1,000 ft. of row (1.3 lbs. ai chlorpyrifos per acre).
- Maximum single application rate for postplant application is 6.5 lbs. of SAURUS (1 lb. ai chlorpyrifos) per acre.
- Do not make a second application of SAURUS or other product containing chlorpyrifos within 10 days of the first application.
- Do not apply by aircraft at a rate greater than 1 lb. ai chlorpyrifos per acre.
- Do not make more than 1 at-plant application and 1 foliar application of SAURUS per season at the 1 lb. ai chlorpyrifos rate.
- If more than 1 lb. ai granular chlorpyrifos per acre is applied at-plant (for a maximum of 1.3 lbs. ai chlorpyrifos per acre per season), only 1 additional application of a liquid product containing chlorpyrifos at 1 lb. ai chlorpyrifos per acre is allowed per season, for a total of 2.3 lbs. ai chlorpyrifos per acre per season.

Method

[In Furrow](#)

[Band](#)

Pre-Harvest Interval

21 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](#)