

Chemical Factsheet

Tembotrione

General Information

- Product Names:
 - Laudis** (Bayer)
 - SC 547** (Bayer) formulated with [Thiencarbazone-methyl](#)
- Chemical Class: Triketone herbicide
- Uses: Post emergence control of broad leaf and grassy weed control in corn
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

Health and Environmental Effects

See citations at end of document.

- Cancer: Not documented
- Endocrine Disruption: Not documented
- Reproductive Effects: Yes (1)
- Neurotoxicity: Yes (1)
- Kidney/Liver Damage: Yes (1)
- Sensitizer/Irritant: Yes (1)
- Birth/Developmental: Yes (1)
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Not documented
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Factsheet](#)
 - [Beyond Pesticides' Tolerance Comments \(April 2026\)](#)
- Supporting information:
 - [PAN Pesticides Database: Tembotrione](#) (Pesticide Action Network)

Gateway Health and Environmental Effects Citations

1. U.S. EPA, Office of Prevention, Pesticides and Toxic Substances, New Active Ingredients Factsheets: <http://web.archive.org/web/20120107215849/http://www.epa.gov/opprd001/factsheets/index.htm>

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