

Chemical Factsheet

Nicosulfuron

General Information

- Product Names:
 - Steadfast** (Du Pont) formulated with Rimsulfuron
 - Stout** (Du Pont) formulated with Thifensulfuron methyl
 - Pastora** (Du Pont) formulated with Metsulfuron-methyl
 - Solida Grande** (Cheminova) formulated with Rimsulfuron
 - Primero** (Rotam)
 - Caveat** (Agsurf) formulated with Rimsulfuron
 - Ironclad** (Makhteshim) formulated with Rimsulfuron
- Chemical Class: Sulfonylurea herbicide
- Uses: Control of annual and perennial grasses and broadleaf weeds
- 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: Not documented
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Yes (2)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Yes (2)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Reregistration Eligibility Decision](#) (RED)
- Supporting information:
 - [PAN Pesticides Database: Nicosulfuron](#)
 - Extension Toxicology Network (EXTONET): [Nicosulfuron](#)

Gateway Health and Environmental Effects Citations

1. Extension Toxicology Network (EXTONET) Pesticide Information Profiles.
<http://extoxnet.orst.edu/pips/ghindex.html>

2. US EPA, Office of Prevention, Pesticides and Toxic Substances, Reregistration Eligibility Decisions (REDs), Interim REDS (iREDs) and RED Factsheets.

<https://archive.epa.gov/pesticides/reregistration/web/html/status.html>.

Factsheet generated on February 1, 2026