

# Chemical Factsheet

## Clopyralid

### General Information

- Fact Sheet: [clopyralid.pdf](#)
- Product Names:
  - Hornet** (Dow), formulated with Flumetsulam
  - Lontrel Turf and Ornamental** (Dow)
  - Millennium Ultra Weed and Feed** (Nufarm), formulated with [Dicamba](#), [2,4-D](#)
  - Riverdale Millennium Ultra TM Weed and Feed** (Nufarm), formulated with [Dicamba](#), [2,4-D](#)
  - Turf Fertilizer Contains Confront** (Dow), formulated with [Triclopyr](#)
- Chemical Class: Pyridinecarboxylic acid herbicide
- Uses: Agriculture, Ornamentals/Lawns, Rights of Way, Pasture
- Alternatives: [Organic agriculture](#), [Organic lawn care](#), [Ecological weed management](#)
- 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 (1)
- Birth/Developmental: Yes (1)
- Detected in Groundwater: Yes (1)
- Potential Leacher: Yes (1)
- Toxic to Birds: Yes (2)
- Toxic to Fish/Aquatic Organisms: Not documented
- Toxic to Bees: Not documented

### Residential Uses as Found in the ManageSafe™ Database

- [Dandelions](#)

### Additional Information

- Supporting information:
  - [Daily News Blog entries](#) (Beyond Pesticides)
  - [The Safer Choice](#) (Beyond Pesticides)
  - [NCAP Clopyralid Factsheet](#) (Northwest Coalition for Alternatives to Pesticides)
  - [Department of Transportation Clopyralid Factsheet](#) (Washington State)
  - [PAN Pesticides Database:Clopyralid](#)(Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]

- [Currently used and legacy pesticides in the marine atmosphere from Patagonia to Europe.](#) Debler, F., Gandrass, J., Paul Ramacher, M. O., Koenig, A. M., Zimmermann, S., & Joerss, H. (2025). Currently used and legacy pesticides in the marine atmosphere from Patagonia to Europe. Environmental pollution (Barking, Essex : 1987), 373, 126175. Advance online publication. <https://doi.org/10.1016/j.envpol.2025.126175>

## Gateway Health and Environmental Effects Citations

1. Northwest Coalition for Alternatives to Pesticides (NCAP), Pesticide Factsheets. <http://www.pesticide.org/pesticide-factsheets>.
2. Beyond Pesticides ChemWatch Factsheets. (Cited under factsheets on [Beyond Pesticides Gateway](#); see top of individual chemical page)

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