

# Chemical Factsheet

## Dicofol

### General Information

- Product Names:  
**No Currently Registered Products**
- Chemical Class: organochlorine insecticide (miticide)
- Uses: Agriculture, Lawns/Ornamentals (non-residential)
- Alternatives: [Organic Agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

### Health and Environmental Effects

*See citations at end of document.*

- Cancer: Possible (1)
- Endocrine Disruption: Potential (1), Yes (2)
- Reproductive Effects: Yes (1, 3)
- Neurotoxicity: Yes (1)
- Kidney/Liver Damage: Yes (1)
- Sensitizer/ Irritant: Yes (1)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Yes (4)
- Toxic to Fish/Aquatic Organisms: Not documented
- Toxic to Bees: Not documented

### Additional Information

- Regulatory Status:
  - [EPA Reregistration Eligibility Decision](#) (RED) signed (9/1998)
- Supporting information:
  - [Extoxnet Pesticide Factsheet](#) (Extension Toxicology Network)
  - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Effects of a mixture of pesticides on the adult female reproductive system of Sprague-Dawley, Wistar, and Lewis rats](#). Pascotto VM, Guerra MT, Franci JA, et al. 2015. J Toxicol Environ Health A. 78(9):602-16
  - [A pesticide and iPSC dopaminergic neuron screen identifies and classifies Parkinson-relevant pesticides](#). Paul, K.C., Krolewski, R.C., Lucumi Moreno, E., Blank, J., Holton, K.M., Ahfeldt, T., Furlong, M., Yu, Y., Cockburn, M., Thompson, L.K. and Kreymerman, A., 2023. Nature Communications, 14(1), p.2803.

### Gateway Health and Environmental Effects Citations

1. 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>.

2. European Commission. Endocrine Disruptors: Study on Gathering Information on 435 Substances with Insufficient Data. Final Report. EU DG Environment: B4-3040/2001/325850/MAR/C2. BKH Consulting Engineers: M0355037. November 2002.

[http://ec.europa.eu/environment/chemicals/endocrine/pdf/bkh\\_report.pdf#page=76](http://ec.europa.eu/environment/chemicals/endocrine/pdf/bkh_report.pdf#page=76).

3. Extension Toxicology Network (EXTOXNET) Pesticide Information Profiles.

<http://extoxnet.orst.edu/pips/ghindex.html>

4. Mineau, P., A. Baril, B.T. Collins, J. Duffe, G. Joerman, R. Luttik. 2001. Reference values for comparing the acute toxicity of pesticides to birds. Reviews of Environmental Contamination and Toxicology 170:13-74.

<http://web.archive.org/web/20081006213641/http://www.abcbirds.org/abcprograms/policy/pesticides/aims/aims/toxicitytable.cfm>

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