

Chemical Factsheet

Fipronil

General Information

- Fact Sheet: [Fipronil.pdf](#)
- Product Names:
 - Combat 12 Month** (Clorox)
 - Termidor** (Bayer/BASF)
 - Maxforce Ant Bait F1** (Maxforce Insect Control Systems)
 - Maxforce Large Roach Bait** (Maxforce Insect Control Systems)
 - Combat Quick Roach Killing Gel** (Combat Insect Control Systems)
 - Fuse** (Control Solutions, Inc.)
 - Taurus** (Control Solutions, Inc.)
- Chemical Class: Phenyl pyrazole insecticide
- Uses: Residential baits and gels, agriculture, [golf courses](#)
- Alternatives: [Least Toxic Baits and Gels](#), [Organic Agriculture](#), [Golf Courses](#)
- Beyond Pesticides rating: [Toxic](#)

Health and Environmental Effects

See citations at end of document.

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

Residential Uses as Found in the ManageSafe™ Database

- [Carpenter Ants](#)
- [Fleas](#)
- [Termites](#)
- [Ants](#)
- [Cockroaches](#)

Additional Information

- Regulatory Status:
 - [EPA Regulatory Documents](#)

- [BP Comments to CDPR](#) (February 2026)
- Supporting information:
 - [Daily News Blog Entries](#) (Beyond Pesticides)
 - [NCAP Fipronil Factsheet](#) (Northwest Coalition for Alternatives to Pesticides)
 - [NPIC Fipronil Factsheet](#) (National Pesticide Information Center)
 - [PAN Pesticides Database: Fipronil](#) (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Effects of neonicotinoids and fipronil on non-target invertebrates.](#) [Pisa,LW, Amaral-Rogers, V et al. 2015. Environ Sci and Poll Res. 22(1):68-102]
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 - [Reproductive adverse effects of fipronil in Wistar rats.](#) Ohi et al. 2004. *Toxicology Letters*
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Gateway Health and Environmental Effects Citations

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Factsheet generated on July 9, 2026