

Chemical Factsheet

Oxytetracycline

General Information

- Product Names:
 - Mycoject Ultra** (J.J. Mauget)
 - Bacastat Tree injection** (Rainbow Treecare)
 - Arborbiotic** (MGF Scientific)
 - Willowood Oxytet** (Willowood)
- Chemical Class: Tetracycline antibiotic
- Uses: control of bacteria, fungi, and mycoplasma-like organisms. The majority of oxytetracycline is used on pears. Other crops treated include peaches, nectarines, and apples. Oxytetracycline use on apples has been approved under emergency exemption (Section 18) for several years due to the lack of efficacious alternatives. also registered for use on forest trees and ornamental trees, shrubs, and vines. Oxytetracycline is also registered with FDA to treat infectious diseases in animals and humans and also as a food additive to increase animal weight gain.
- 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: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Not documented
- 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:
 - [Tolerance Reassessment Progress and Risk Management Decision](#) signed 6/2006
- Supporting information:
 - PAN Pesticides Database: [Oxytetracycline](#) (Pesticide Action Network)

Gateway Health and Environmental Effects Citations

1. California Environmental Protection Agency. Proposition 65: Chemicals Known to the State to Cause

Cancer or Reproductive Toxicity. Office of Environmental Health Hazard Assessment. February 25, 2022. <https://oehha.ca.gov/media/downloads/proposition-65/p65chemicalslistsinglelisttable2021p.pdf>

Factsheet generated on June 19, 2026