

# Chemical Factsheet

## Quinoxyfen

### General Information

- Product Names:  
**Quintec** (Dow)
- Chemical Class: Quinoline
- Uses: Used to control powdery mildew infections on grapes and hops. Used to control powdery mildew in grapes and in hops in California, on melons, winter squash, gourds and pumpkins in New York.
- Alternatives: [Least-toxic mold control](#)
- 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: Yes (1)
- Sensitizer/ Irritant: Not documented
- 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:
  - [Tolerances](#) (Federal Register)
- Supporting information:
  - PAN Pesticides Database: [Quinoxyfen](#) (Pesticide Action Network)
  - California Department of Pesticide Regulation Public Report: [Quinoxyfen](#)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Organic farming reduces pesticide load in a bird of prey](#). Fuentes, E. et al. (2024) Organic farming reduces pesticide load in a bird of prey, Science of The Total Environment. Available at: <https://www.sciencedirect.com/science/article/pii/S0048969724029255>.
  - [Exposure to pesticides is correlated with gut microbiota alterations in a farmland raptor](#). Bariod, L. et al. (2025) Exposure to pesticides is correlated with gut microbiota alterations in a farmland raptor, Environment International. Available at: <https://www.sciencedirect.com/science/article/pii/S0160412025001874>.

## **Gateway Health and Environmental Effects Citations**

1. The Pesticide Management Education Program at Cornell University. Pesticide Active Ingredient Information. <http://pmep.cce.cornell.edu/profiles/index.html>.
2. California Department of Pesticide Regulation, Public Reports on New Active Ingredients <http://www.cdpr.ca.gov/docs/registration/ais/publicreports/publicreports.htm>

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