

# Chemical Factsheet

## Bifenazate

### General Information

- Product Names:
  - Acramite** (Macdermid Agricultural Solutions Inc)
  - Floramite** (Macdermid Agricultural Solutions Inc)
  - Prevamite** (Macdermid Agricultural Solutions Inc)
- Chemical Class: Carbazate Insecticide (acaricide)
- Uses: Control of mite pests on agricultural and non agricultural sites including bearing and nonbearing fruit and vegetable crops, cotton, conifers, and ornamental plants, including bedding plants, flowering plants, foliage plants, bulb crops perennials, trees, and shrubs, nursery, field, landscape and interiorscape grown, greenhouse and shadehouse ornamentals.
- Alternatives: [Organic lawn care](#)
- 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, 2)
- Sensitizer/ Irritant: Not documented
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Yes (2)
- Toxic to Fish/Aquatic Organisms: Yes (2)
- Toxic to Bees: Yes (2)

### Additional Information

- Regulatory Status:
  - [EPA Regulatory Documents](#)
  - [BP Comments February 2026](#)
- Supporting information:
  - [Exttoxnet Pesticide Factsheet](#) (Extension Toxicology Network)
  - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Pesticides in Cannabis: The Need for Evidence to Inform Policy and Protect Patients](#). Watson, T. D., Glodosky, N. C., Johnson, T. J., Poolman, N., Mistretta, A., & Okey, S. A. (2026). Pesticides in Cannabis: The Need for Evidence to Inform Policy and Protect Patients. Clinical therapeutics, S0149-2918(26)00037-8. Advance online publication. <https://doi.org/10.1016/j.clinthera.2026.02.003>

## Gateway Health and Environmental Effects Citations

1. Extension Toxicology Network (EXTOXNET) Pesticide Information Profiles.  
<http://extoxnet.orst.edu/pips/ghindex.html>
2. 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>.

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