

# Chemical Factsheet

## Fluoxastrobin

### General Information

- Product Names:
  - Disarm** (Arysta) formulated with [Chlorothalonil](#)
  - Evito** (Arysta) formulated with [Tebuconazole](#)
  - Cry** (Arysta) formulated with Flutriafol
- Chemical Class: Strobilurin fungicide
- Uses: Control of early blight, late blight, leaf spots, leaf rust, and *Rhizoctonia solani* in peanuts, tuberous and corm vegetables, leaf petiole vegetables, fruiting vegetables, and, turf
- 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: Yes (1)
- Birth/Developmental: Yes (1)
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Yes (1)
- Toxic to Bees: Not documented

### Additional Information

- Regulatory Status:
  - [EPA Factsheet](#) (11/2005)
- Supporting information:
  - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Analysis of the toxic mechanisms of fluoxastrobin on the earthworm \(Eisenia fetida\) using transcriptomics](#). Zhang, Jingwen et al. "Analysis of the toxic mechanisms of fluoxastrobin on the earthworm (Eisenia fetida) using transcriptomics." Chemosphere vol. 326 (2023): 138449. doi:10.1016/j.chemosphere.2023.138449

### Gateway Health and Environmental Effects Citations

1. U.S. EPA, Office of Prevention, Pesticides and Toxic Substances, New Active Ingredients Factsheets:

<http://web.archive.org/web/20120107215849/http://www.epa.gov/opprd001/factsheets/index.htm>

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