Chemical Factsheet

Fenhexamid

General Information

- Product Names:
  Elevate (Arysta)
- Chemical Class: Hydroxyanilide fungicide
- Uses: Agriculture, ornamental
- Alternatives: Organic agriculture
- Beyond Pesticides rating: Toxic

Health and Environmental Effects

See citations at end of document.

- Cancer: Possible (**1**)
- Endocrine Disruption: Likely (**1**)
- Reproductive Effects: Yes (**2**)
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Yes (**2**)
- 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:
  - EPA factsheet (5/1999)
- Supporting information:
  - PAN Pesticides Database: (Pesticide Action Network)
- Studies [compiled from the Pesticide-Induced Diseases Database]
  - Effect of nonpersistent pesticides on estrogen receptor, androgen receptor, and aryl hydrocarbon receptor.. Medjakovic S, Zoechling A, Gerster P, et al. 2014. Environ Toxicol. 29(10):1201-16

Gateway Health and Environmental Effects Citations

1. Go, R.E., Kim, C.W., Lee, S.M., Lee, H.K. and Choi, K.C., 2021. Fenhexamid induces cancer growth and survival via estrogen receptor-dependent and PI3K-dependent pathways in breast cancer models. *Food and Chemical Toxicology*, p.112000. 10.1016/j.fct.2021.112000

2. 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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