Chemical Factsheet

Terbuthylazine

General Information

- Product Names:
  Ama-204
  Bellacide 325
  Bellacide 329
  Bellacide 320
- Chemical Class: Triazine
- Uses: as a broad-spectrum herbicide, algicide, microbicide, and microbiostat.
- Alternatives: Organic Agriculture
- Beyond Pesticides rating: Toxic

Health and Environmental Effects

See citations at end of document.

- Cancer: Possible (**1**)
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Not documented
- 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 (**1**)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
  - EPA Reregistration Eligibility Decision (RED) Archive Document (1995)
  - EPA Registration Review Draft Risk Assessment for Terbuthylazine (2019)
- Supporting information:
  - PAN Pesticides Database: Terbuthylazine (Pesticide Action Network)
- Studies [compiled from the Pesticide-Induced Diseases Database]
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  - Effects of sub-chronic exposure to terbuthylazine on DNA damage, oxidative stress and parent compound/metabolite levels in adult male rats. Tariba Lovaković, B., Pizent, A., Kašuba, V., Kopjar, N., Micek, V., Mendaš, G., Dvoršćak, M., Mikolić, A., Milić, M., Žunec, S., Lucić Vrdoljak, A., & Želježić, D. (2017). Effects of sub-chronic exposure to terbuthylazine

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- In vitro-in vivo correlations for endocrine activity of a mixture of currently used pesticides.. Taxvig C, Hadrup N, Boberg J, et al. 2013. Toxicol Appl Pharmacol.272(3):757-66
- Residues of agrochemicals in beebread as an indicator of landscape management. Bogo, G. et al. (2024) Residues of agrochemicals in beebread as an indicator of landscape management, Science of The Total Environment. Available at: https://www.sciencedirect.com/science/article/abs/pii/S0048969724042232?via%3Dihub.
- Pesticides are the dominant stressors for vulnerable insects in lowland streams. Liess, M., Liebmann, L., Vormeier, P., Weisner, O., Altenburger, R., Borchardt, D., Brack, W., Chatzinotas, A., Escher, B., Foit, K. and Gunold, R. Water Research, 201, p.117262.
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Gateway Health and Environmental Effects Citations

1. National Library of Medicine. PubChem Hazardous Substances Database. PubChem (nih.gov)

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