Chemical Factsheet

Metconazole

General Information

- Product Names:
  Cramba (BASF)
  NIP Suite Cereals of Seed Protectant (Valent) formulated with Clothianidin, and Metalaxyl
  Multiva (BASF) formulated with Pyraclostrobin
  BAS 556 (BASF) formulated with Pyraclostrobin
- Chemical Class: Triazole
- Uses: Fungicide proposed for control of Black Sigatoka disease (Mycosphaerella fijiensis) on bananas grown outside the US.
- Alternatives: Organic agriculture
- Beyond Pesticides rating:

Health and Environmental Effects

See citations at end of document.

- Cancer: Not likely (**1**)
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Yes (**1**)
- Sensitizer/ Irritant: Slightly (**1**)
- 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:
  - Not registered, Import Tolerances Established (8/2006)
- Supporting information:
  - PAN Pesticides Database - Metconazole (Pesticide Action Network)
- Studies [compiled from the Pesticide-Induced Diseases Database]
  - Triazole pesticides exposure impaired steroidogenesis associated to an increase in AHR and CAR expression in testis and altered sperm parameters in chicken. Serra, L., Bourdon, G., Estienne, A., Fréville, M., Ramé, C., Chevaleyre, C., Didier, P., Chahnamian, M., Ganier, P., Pinault, F., Froment, P., & Dupont, J. (2023). Triazole pesticides exposure impaired steroidogenesis associated to an increase in AHR and CAR expression in testis and altered sperm parameters in chicken. Toxicology reports, 10, 409–427. https://doi.org/10.1016/j.toxrep.2023.03.005

- Evaluation of the Aquatic Toxicity of Several Triazole Fungicides. Boros, B.-V., Roman, D.-L., & Isvoran, A. (2024). Evaluation of the Aquatic Toxicity of Several Triazole Fungicides. Metabolites, 14(4), 197. https://doi.org/10.3390/metabo14040197
- Occurrence of Current-Use Pesticides in Paired Indoor Dust, Drinking Water, and Urine Samples from the United States: Risk Prioritization and Health Implications. Xie, Y., Li, J., Salamova, A., & Zheng, G. (2025). Occurrence of Current-Use Pesticides in Paired Indoor Dust, Drinking Water, and Urine Samples from the United States: Risk Prioritization and Health Implications. Environmental science & technology, 59(25), 12507–12519. https://doi.org/10.1021/acs.est.5c00961

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

Factsheet generated on January 31, 2026