Chemical Factsheet

Novaluron

General Information

- Product Names:
  TC 283 (Whitmire)
  Rimon (Makhteshim)
  Mosquiron (Makhteshim)
  Dipron (Isargo S.p.A)
- Chemical Class: Benzoylphenyl urea insecticide
- Uses: Control of Whiteflies, thrips, leafminers, and army worms on containerized ornamentlas grown in greenhouses
- Alternatives: Organic agriculture
- Beyond Pesticides rating:

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: No
- 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 Factsheet
- Supporting information:
  - PAN Pesticide Database (Pesticide Action Network)
- Studies [compiled from the Pesticide-Induced Diseases Database]
  - Characterizing pyrethroid and fipronil concentrations in biosolids. Wheeler, J., Black, G. P., Hladik, M. L., Sanders, C. J., Teerlink, J., Wong, L., Zhang, X., Budd, R., & Young, T. M. (2025). Characterizing pyrethroid and fipronil concentrations in biosolids. The Science of the total environment, 969, 178954. https://doi.org/10.1016/j.scitotenv.2025.178954

Gateway Health and Environmental Effects Citations

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