

# 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 ornamentals 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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