

# Chemical Factsheet

## Tetraconazole

### General Information

- Product Names:
  - Eminent 125SL** (Spicam)
  - Domark 230 ME** (Isargo S.p.A.)
  - Mettle 125 ME** (Isargo S.p.A.)
- Uses: Fungicide
- 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: 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: Not documented
- Toxic to Bees: Not documented

### Additional Information

- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Mixture effects of thiamethoxam and seven pesticides with different modes of action on honey bees \(\*Apis mellifera\*\)](#). Li, W. et al. (2023) Mixture effects of thiamethoxam and seven pesticides with different modes of action on honey bees (*Apis mellifera*), *Scientific Reports*. Available at: <https://www.nature.com/articles/s41598-023-29837-w#ref-CR30>.
  - [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 and ecological risk of typical pesticides in a river-lake system](#). Qin, Y. et al.

(2025) Occurrence and ecological risk of typical pesticides in a river-lake system, Water Science and Engineering. Available at:  
<https://www.sciencedirect.com/science/article/pii/S1674237025000833>.

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