PFAS pesticides & TFA – a regulatory neglect?

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Workshop on latest advancements of PFASs risk assessment

- PFAS pesticide residues in food tripled (x3) in 10 years
- TFA (major and relevant metabolite - *not always reported*) detected in:
  - surface and groundwater (100% >0.1 µg/L)
  - tap water (94%) and mineral water (63%) – predominant PFAS (95-99% out of 25 PFAS)
  - wine – 122 µg/L, exponential increase 1990-2024
  - Higher levels at agricultural hot spots & on conventional farms Vs organic farms
- TFA concentrations are rising 'irreversibly'- threat to planetary boundaries
- TFA's toxicity confirmed (2021) – Toxic to reproduction cat.1B (rabbits & rats)
  - Adverse effects in rat offspring were not reported by the pesticide producers, rabbit effects undermined
  - Current protection values not protective enough
- We're late! Urgent need for strict health-based values (consider multiple exposures)

More info: PAN Europe TFA position paper: https://www.pan-europe.info/sites/pan-europe.info/files/public/resources/briefings/Position%20Paper%20TFA%20-%2028072025.pdf; PAN Europe 2025, Manufacturing doubt.