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Title: COMBINED POLLUTION OF COPPER NANOPARTICLES AND ATRAZINE IN SOIL: EFFECTS ON DISSIPATION OF THE PESTICIDE AND ON MICROBIOLOGICAL COMMUNITY PROFILES

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**COMBINED POLLUTION OF COPPER NANOPARTICLES AND ATRAZINE IN SOIL:
EFFECTS ON DISSIPATION OF THE PESTICIDE AND ON MICROBIOLOGICAL
COMMUNITY PROFILES**

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HIGHLIGHTS

- Combined pollution with copper nanoparticles and atrazine in soil is studied
- Isotherms demonstrate that atrazine adsorption is favored by the presence of copper nanoparticles.
- Copper nanoparticles decrease the atrazine dissipation
- Combined pollution not alter the soil microbial communities

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