

## PRINCIPALES ARTÍCULOS PERIODÍSTICOS, ESTUDIOS CIENTÍFICOS E INICIATIVAS SOBRE LA ORINA HUMANA EN AGRICULTURA

**- Publicaciones y estudios: Agricultura**

<https://www.leesu.fr/ocapi/bibliotheque/les-productions-docapi/publications-agrocapi/>

**- Bibliografía internacional.**

<https://www.leesu.fr/ocapi/bibliotheque/bibliographie/>

**- Para iniciarse en la temática**

<https://www.leesu.fr/ocapi/bibliotheque/pour-sinitier/>

**- ¿Es la orina humana la respuesta a la actual escasez de fertilizantes?**

<https://www.dw.com/es/es-la-orina-humana-la-respuesta-a-la-actual-escasez-de-fertilizantes/a-61752861>

**- Programa de investigación y acción sobre los sistemas de separación y gestión de la orina**

<https://www.leesu.fr/ocapi/>

**- Tesis en la Universidad Paris-Saclay. Por Tristan Martin. Sobre la orina humana en agricultura**

<https://hal.science/tel-03189185/>

**- Expertos afirman que utilizar orina humana podría salvar a Europa de la crisis de desabastecimiento**

<https://www.larazon.es/internacional/europa/20220515/zunde73vc5fwbecttptjctgm2e.html>

**- La orina podría ser el fertilizante del futuro en una agricultura más sustentable**

<https://www.infobae.com/america/soluciones/2022/07/27/la-orina-podria-ser-el-fertilizante-del-futuro-en-una-agricultura-mas-sustentable/>

**- Un poco de orina para que todo sea verde**

[https://www.bbc.com/mundo/noticias/2014/02/140207\\_ciencia\\_orina\\_reciclaje\\_fertilizante\\_np](https://www.bbc.com/mundo/noticias/2014/02/140207_ciencia_orina_reciclaje_fertilizante_np)

**- La orina humana podría reemplazar los fertilizantes químicos**

<https://www.muyinteresante.es/tecnologia/24495.html#:~:text=La%20orina%20humana%20est%C3%A1%20llena,en%20forma%20de%20fertilizantes%20qu%C3%ADmicos>

**- *New York Times*. Te presentamos a los pipicicladores. Abonan la tierra con orina**

<https://www.nytimes.com/es/2022/06/17/espanol/orina-fertilizante.html>

**- La orina humana, de desecho orgánico a fertilizante**

<https://www.cambio16.com/la-orina-humana-de-desecho-organico-a-fertilizante-para-la-agricultura/>

**Mujeres agricultoras de Níger participaron en un experimento nunca antes realizado para revelar los efectos de la orina humana como fertilizante natural en las cosechas.**

<https://www.slate.fr/story/229625/urine-humaine-engrais-agriculture-niger-experience-trois-ans-effets-recoltes>

**- Orina humana: un fertilizante efectivo y menos contaminante**

[https://www.clarin.com/viste/orina-humana-fertilizante-efectivo-contaminante\\_0\\_gHsJtUSvaG.html](https://www.clarin.com/viste/orina-humana-fertilizante-efectivo-contaminante_0_gHsJtUSvaG.html)

**- Urinarios ecológicos para que orinar en las calles sea productivo**

<https://www.lavanguardia.com/vivo/ecologia/20170323/421106701537/urinarios-publico-ecologico-calle-paris-compost-fertilizante-parques-ciudad.html>

**- Guía Práctica de Uso de la Orina en la Producción Agrícola**

<https://mediamanager.sei.org/documents/Publications/SEI-Book-Stenstrom-GuiaPracticaDeUsoDeLaOrinaEnLaProduccionAgricola.pdf>

**- Rendement élevés en blé avec une fertilisation à l'urine humaine**

<https://www.lafranceagricole.fr/votre-exploitation-culture/article/837923/j-ai-fertilise-mes-bles-avec-de-l-urine-humaine>

**- Transformation biologique de l'urine pour produire un fertilisant dans le cadre des voyages dans l'espace.**

<https://www.sciencedirect.com/science/article/pii/S2214552415000802>

**- "The influence of nitrogen concentration and precipitation on fertilizer production from urine using a trickling filter"**

<https://www.sciencedirect.com/science/article/pii/S2214552417301281>

**- La stabilisation de l'urine au vinaigre ne pose pas de problème**

[https://www.riken.jp/en/news\\_pubs/research\\_news/pr/2017/20170627\\_2/](https://www.riken.jp/en/news_pubs/research_news/pr/2017/20170627_2/)

**- Mariana-Martinez-Castrejon and al. Mexico 2022 Environmental, Economic, and Social Aspects of Human Urine Valorization through Microbial Fuel Cells from the Circular Economy Perspective**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9785870/>

**- Umakant Badeti and al. June 2021 Sidney Australia Impact of source-separation of urine on effluent quality, energy consumption and greenhouse gas emissions of a decentralized wastewater treatment plant**

<https://www.sciencedirect.com/science/article/abs/pii/S095758202100207X>

**- You must be taking the p\*\*\*! Australia is trialling using HUMAN URINE as fertiliser for plants and lawns in city parks**

<https://www.dailymail.co.uk/sciencetech/article-10467427/Australia-plans-use-human-urine-plant-fertiliser-city-parks.html>

**- Urine, From Waste To Fertilizer**

<https://www.asianscientist.com/2014/08/in-the-lab/urine-waste-fertilizer-2014/>

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<https://www.mlive.com/news/ann-arbor/2022/04/pee-cycled-fertilizer-to-help-peonies-pop-at-nichols-arboretum.html>

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- Ecosec: essais sur différentes plants – Aurin semble être plus puissant que de l'urine

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- *El Universal*. Con orina, gana oro en ciencia

<https://www.eluniversal.com.mx/entrada-de-opinion/colaboracion/orgullomexicano/periodismo-de-investigacion/2017/05/20/con-orina/>

- Ladrillos producidos con orina humana, lo último en reciclaje

<https://www.eluniversal.com.mx/ciencia-y-salud/ladrillos-producidos-con-orina-humana-lo-ultimo-en-reciclaje/>

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<https://www.voaafrique.com/a/rdc-agriculture-des-agriculteurs-congolais-optent-pour-l-urine-comme-fertilisant/6578436.html>

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Par Éric De la Chesnais. Oct. 2022

<https://www.lefigaro.fr/actualite-france/l-urine-humaine-nouveau-fertilisant-pour-l-agriculture-20221023>

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<https://www.asianscientist.com/2013/04/in-the-lab/urine-mixed-compost-superior-fertilizer-2013/>

## **VÍDEOS**

- **Vídeo con el autor, Renaud de Looze (con más de 1 millón de visitas en youtube)**

<https://www.youtube.com/watch?v=4SZasMQH9yU&t=131s>

- **Vídeo-entrevista con Renaud de Looze**

<https://www.youtube.com/watch?v=cNzQ1PQij8U&t=3s>

- **La Tanina : revisión exhaustiva de todos los conocimientos recientes sobre el tema.**

<https://www.youtube.com/watch?v=T3Gp4HW2EJs>