

# Accepted Manuscript

Evaluation of chemical extractants to assess metals phytoavailability in Brazilian municipal solid waste composts

Verónica Asensio, Cassio H. Abreu-Junior, Fábio César da Silva, José Carlos Chitolina



PII: S0269-7491(18)30695-X

DOI: [10.1016/j.envpol.2018.09.100](https://doi.org/10.1016/j.envpol.2018.09.100)

Reference: ENPO 11642

To appear in: *Environmental Pollution*

Received Date: 16 February 2018

Revised Date: 18 September 2018

Accepted Date: 19 September 2018

Please cite this article as: Asensio, Veró., Abreu-Junior, C.H., César da Silva, Fá., Chitolina, José.Carlos., Evaluation of chemical extractants to assess metals phytoavailability in Brazilian municipal solid waste composts, *Environmental Pollution* (2018), doi: <https://doi.org/10.1016/j.envpol.2018.09.100>.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Solid waste recycling and composting plant



Urban solid waste compost



#### Metal pollution

- ⚠ Cd
- ✅ Cu
- ✅ Cr
- ✅ Ni
- ⚠ Pb
- ✅ Zn



Compost + lettuce

#### Best extractants for metal phytotoxicity estimation

- Water
- Ca(NO<sub>3</sub>)<sub>2</sub>
- HCl ✅ Cu & Ni
- DTPA
- CaCl<sub>2</sub>
- Mehlich 3 ✅ Cu & Ni

ACCEPTED

Download English Version:

<https://daneshyari.com/en/article/11025085>

Download Persian Version:

<https://daneshyari.com/article/11025085>

[Daneshyari.com](https://daneshyari.com)