

Accepted Manuscript

Title: Estrogenic and anti-androgenic effects of the herbicide tebuthiuron in male Nile tilapia (*Oreochromis niloticus*)

Authors: Milena Devechi de Almeida, Thiago Scremin Boscolo Pereira, Sergio Ricardo Batlouni, Camila Nomura Pereira Boscolo, Eduardo Alves de Almeida



PII: S0166-445X(17)30331-4
DOI: <https://doi.org/10.1016/j.aquatox.2017.11.006>
Reference: AQTOX 4797

To appear in: *Aquatic Toxicology*

Received date: 11-8-2017
Revised date: 11-11-2017
Accepted date: 13-11-2017

Please cite this article as: de Almeida, Milena Devechi, Pereira, Thiago Scremin Boscolo, Batlouni, Sergio Ricardo, Boscolo, Camila Nomura Pereira, de Almeida, Eduardo Alves, Estrogenic and anti-androgenic effects of the herbicide tebuthiuron in male Nile tilapia (*Oreochromis niloticus*). *Aquatic Toxicology* <https://doi.org/10.1016/j.aquatox.2017.11.006>

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.

Estrogenic and anti-androgenic effects of the herbicide tebuthiuron in male Nile tilapia (*Oreochromis niloticus*).

Milena Devechi de Almeida¹, Thiago Scremin Boscolo Pereira^{2,3}, Sergio Ricardo Batlouni⁴, Camila Nomura Pereira Boscolo² and Eduardo Alves de Almeida^{5,*}.

¹Department of Chemistry and environmental science, Universidade Estadual Paulista (IBILCE/UNESP), Rua Critóvão Colombo, 2265, CEP – 15054-000, São José do Rio Preto, SP, Brazil

²Rio Preto University Center, UNIRP, Rua Ivete Gabriel Atique, 45, CEP 15025-400, São José do Rio Preto, SP, Brazil.

³ Medical School of São José do Rio Preto, FACERES, Av. Anísio Haddad 6751, CEP 15090-305, São José do Rio Preto, SP, Brazil.

⁴Department of Aquaculture, Universidade Estadual Paulista (CAUNESP), Via de Acesso Prof. Paulo Donato Castelane, s/n. CEP – 14884-900, Jaboticabal, SP, Brazil.

⁵Department of Natural Sciences, Fundação Universidade Regional de Blumenau, FURB, Av. Antonio da Veiga 140, Itoupava Seca, CEP 89030-903, Blumenau, Santa Catarina, Brazil.

*Corresponding author: eduardoalves@furb.br

Download English Version:

<https://daneshyari.com/en/article/8883888>

Download Persian Version:

<https://daneshyari.com/article/8883888>

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