## Accepted Manuscript

Electrical stunning in pacu (Piaractus mesopotamicus) using direct current waveform



Daniel Santiago Rucinque, André Luiz Watanabe, Carla Forte Maiolino Molento

PII:	S0044-8486(18)30292-8
DOI:	doi:10.1016/j.aquaculture.2018.07.035
Reference:	AQUA 633406
To appear in:	aquaculture
Received date:	1 March 2018
Revised date:	20 July 2018
Accepted date:	21 July 2018

Please cite this article as: Daniel Santiago Rucinque, André Luiz Watanabe, Carla Forte Maiolino Molento, Electrical stunning in pacu (Piaractus mesopotamicus) using direct current waveform. Aqua (2018), doi:10.1016/j.aquaculture.2018.07.035

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.

## ACCEPTED MANUSCRIPT

## Electrical stunning in pacu (*Piaractus mesopotamicus*) using direct current waveform

Daniel Santiago Rucinque<sup>a</sup>, André Luiz Watanabe<sup>b</sup>, Carla Forte Maiolino Molento<sup>a\*</sup>

<sup>a\*</sup> Animal Welfare Laboratory, Agricultural Sciences Sector, Federal University of Paraná, Brazil. Rua dos Funcionários 1540, Juvevê, Curitiba, Paraná, Brasil, CEP: 80035-050. dsrucinqueg@unal.edu.co

<sup>b</sup> Research Station in Fish Farming and Ecology of Native Species of ITAIPU Binacional, Foz do Iguaçu, Paraná, Brasil, CEP: 85856-970. andrelw@itaipu.gov.br

<sup>a</sup> Animal Welfare Laboratory, Agricultural Sciences Sector, Federal University of Paraná, Brazil. Rua dos Funcionários 1540, Juvevê, Curitiba, Paraná, Brasil, CEP: 80035-050. carlamolento@ufpr.br

\*Corresponding author

Address: Rua dos Funcionários 1540, Juvevê, Curitiba, Paraná, Brasil, CEP: 80035-050. (C. F. M. Molento) E-mail address: carlamolento@ufpr.br Phone: +55 (41) 3350-5788

Download English Version:

## https://daneshyari.com/en/article/8492939

Download Persian Version:

https://daneshyari.com/article/8492939

Daneshyari.com