## **Accepted Manuscript**

Effect of thiacloprid on early life stages of common carp (Cyprinus carpio)

Josef Velisek, Alzbeta Stara

PII: S0045-6535(17)31954-9

DOI: 10.1016/j.chemosphere.2017.11.176

Reference: CHEM 20373

To appear in: Chemosphere

Received Date: 11 October 2017

Revised Date: 29 November 2017

Accepted Date: 30 November 2017

Please cite this article as: Josef Velisek, Alzbeta Stara, Effect of thiacloprid on early life stages of common carp (*Cyprinus carpio*), *Chemosphere* (2017), doi: 10.1016/j.chemosphere.2017.11.176

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**

### Research highlights

- How neonicotinoid pesticide thiacloprid, have effects on early life stages of carp.
- Development, growth, histology, antioxidants and oxidative stress biomarkers were investigated.
- Thiacloprid caused delay in ontogenetic development and reduced growth of carp.
- Thiacloprid affected antioxidant enzymes.

#### Download English Version:

# https://daneshyari.com/en/article/8852441

Download Persian Version:

https://daneshyari.com/article/8852441

<u>Daneshyari.com</u>