

Selection of potential aquatic macrophytes for risk assessment

CLAUDIA ZAWADSKY¹, SILKE FALK¹, GUIDO GONSIOR¹, NATHALIE SCHWALBACH¹

¹ Eurofins Agroscience Services EcoChem GmbH, Aquatic Toxicology Eutingen Str. 24 75223 Niefern-Öschelbronn
GuidoGonsior@eurofins.com

Due to EFSA (European Food Safety Authority) further aquatic plant species should be tested for risk assessment of growth regulators and herbicides. Up to now studies could be conducted based on OECD 239: Water-sediment *Myriophyllum spicatum* Toxicity Test or OECD 238: Sediment-free *Myriophyllum spicatum* Toxicity Test and on OECD 221 Lemna sp. Growth Inhibition Test. Tests with *Glyceria maxima* are under discussion and could be performed in addition to reduce uncertainties. However, it is still under discussion, if further species are relevant to cover all questions for doing refined risk assessment on macrophytes.

Therefore additional species was selected and tested. Data will be presented with the focus on the comparability to the existing guidelines.