

The insecticide Chlorpyrifos does not fulfil the criteria for renewal of approval: BfR shares the scientific assessment of EFSA

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The European Food Safety Authority (EFSA) has indicated that the pesticide active substance chlorpyrifos does not meet the legally required criteria for renewal of its approval within the European Union.

https://www.efsa.europa.eu/sites/default/files/scientific_output/5809-chlorpyrifos.pdf

In its peer review comments during the re-approval procedure, the BfR had pointed out that, there is a lack of robust developmental neurotoxicity studies (DNT). Although the peer review process is not yet fully completed, the European Commission has asked EFSA to make a statement on the available results of the human health risk assessment.

In this peer review process, EFSA has identified concerns about possible genotoxic and developmental neurotoxic effects, supported by epidemiological data showing effects in children. Therefore, no safe health-based reference value can currently be set. BfR shares the scientific assessment of EFSA.

Chlorpyrifos is an organic phosphoric acid ester used as an insecticide. The pesticidal active substance is subject of a procedure for the renewal of approval under Regulation (EC) No. 1107/2009.

The current approval for chlorpyrifos will end in January 2020. The manufacturers' application for a renewal is currently being assessed under the EU peer review system for the approval of active substances.

Further information about chlorpyrifos at the BfR website (in german):

https://www.bfr.bund.de/de/a-z_index/chlorpyrifos-129659.html



“Opinion app” of the BfR

About the BfR

The German Federal Institute for Risk Assessment (BfR) is a scientifically independent institution within the portfolio of the Federal Ministry of Food and Agriculture (BMEL) in Germany. It advises the Federal Government and Federal Laender on questions of food, chemical and product safety. The BfR conducts its own research on topics that are closely linked to its assessment tasks.

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