

Health impairment through carbofuran in red chili unlikely

16 July 2019



Credit: CC0 Public Domain

Carbofuran is a plant protection product which can be used against certain insects, mites, ticks and nematodes. On the basis of the amount of the carbofuran residues and estimated dietary intake of red chilies, exceeding the acute reference dose (ARfD) is not to be expected for children or adults. The ARfD describes the quantity of a substance per kilogram of body weight that consumers can ingest with their food in one meal or in several meals spread over one day without any recognisable effect on health. The ARfD is therefore a limit value for risk assessment in relation to short-term intake.

Other plant protection products were also detected in the 10 samples from the manufacturer (2308 grams in total), but their contribution is negligible in relation to carbofuran so that no health risk is to be expected from them either. As the number of samples is small, the results cannot be generalised for red chili.

Provided by BfR Federal Institute for Risk Assessment

APA citation: Health impairment through carbofuran in red chili unlikely (2019, July 16) retrieved 25 February 2021 from <https://medicalxpress.com/news/2019-07-health-impairment-carbofuran-red-chili.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.