

Literature on the Uptake by Plants of Polychlorinated Dioxins (PCDDs) and Dibenzofurans (PCDFs)

References:

- Engwall, M. and K. Hjelm. 2000. Uptake of dioxin-like compounds from sewage sludge into various plant species – assessment of levels using a sensitive bioassay. *Chemosphere* 40: 1189-1195.
- Esposito, M., A. De Roma, S. Cavallo, G. Diletti, L. Baldi and G. Scortichini. 2017. Occurrence of polychlorinated dibenzo-p-dioxins and dibenzofurans and polychlorinated biphenyls in fruit and vegetables from the “Land of Fires” area of southern Italy. *Toxics* 5, 33.
- Hulster, A. and H. Marschner. 1993. Transfer of PCDD/PCDF from contaminated soils to food and fodder crop plants. *Chemosphere* 27: 439-446.
- Hulster, A, J.F. Muller and H. Marschner. 1994. Soil-plant transfer of polychlorinated dibenzo-p-dioxins and dibenzofurans to vegetables of the cucumber family (Cucurbitaceae).
- Michigan Department of Agriculture. Undated. Food, farming and gardening guidelines for minimizing dioxin exposure. <https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/MMD/Hazardous-Waste/Dow/Dioxin/MDARD-dioxin-fact-sheet.pdf?rev=edd60820c90441738947d7e6b68adca1>
- Muller, J.F., A. Hulster, O. Papke, M. Ball, and H. Marschner. 1993. Transfer pathways for PCDD/PCDF to fruits. *Chemosphere* 27:195-201.
- Muller, J.F., A. Hulster, O. Papke, M. Ball, and H. Marschner. 1994. Transfer of PCDD/PCDF from contaminated soils into carrots, lettuce and peas. *Chemosphere* 29: 2175-2181.
- Nhung, N.T.H., X.T. Nguyen, V.D. Long, Y. Wei and T. Fujita. 2022. A review of soil contaminated with dioxins and biodegradation technologies: current status and future prospects. *Toxics* 10:278.
- Trapp, S and C.N. Legind. 2011. Chapter 9, Uptake of organic contaminants from soil into vegetables and fruits.
- Yanitch, A, H. Kadri, C. Frenette-Dussault, S. Joly, F.E. Pitre and M. Labrecque. 2020. A four-year phytoremediation trial to decontaminate soil polluted by wood preservatives: phytoextraction of arsenic, chromium, copper, dioxins and furans. *International Journal of Phytoremediation* 22: 1505-1514.
- Zhang, H., Chen J., Y. Ni, Q. Zhang, and L. Zhao. 2009. Uptake by roots and translocation to shoots of polychlorinated dibenzo-p-dioxins and dibenzofurans in typical crop plants. *Chemosphere* 76: 740-746.