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Therefore, the research aims to provide recent advances in pesticide and mycotoxin removal by the applications of innovative food processing technologies are discussed (Fig. 1, Fig. 2). Download : Download high-res image (716KB) Download : Download full-size image; Fig. 1. Removal of mycotoxins and pesticides from food using different technologies.

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While these hazardous chemicals are stable during several traditional food processing, innovative food processing technologies, including high-pressure processing (HPP), pulsed electric fields (PEF), cold plasma (CP), supercritical carbon dioxide (SC-CO 2), and ultrasound (USN) processing, have been found to have good potential for mycotoxin and pesticide reduction.

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