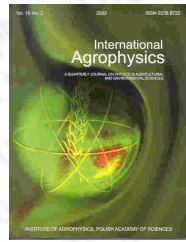


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Sources for contamination of rapeseed with benzo(a)pyrene

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abstract The conducted research has demonstrated that the general rapeseed contamination with benzo(a)pyrene (B(a)P), as the main representative family, is at the level of permitted world standards. However, individual samples where the B(a)P content was high enough to reach 8.30 µg kg⁻¹ that the problem of seed pollution by the polynuclear aromatic hydrocarbons is not solved and the raw material for further processing should be carefully monitored. Monitoring the PAH risks seems most appropriate given the presence of B(a)P in rapeseed samples without any post-harvest treatment. It demonstrates how com-