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Title	Nanoremediation technology of contaminated soil with residual pesticides
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Description EN	<p>We observed that in Republic of Moldova new purification methods of water and soil applying nanomaterials are not used. In this context, it is necessary to transfer new synthesized materials and usage technologies to agro-industrial households farms, on which surfaces there are former pesticide storehouses with increased content of POPs - persistent organic pollutants (DDT, Lindan, and etc.). We propose a nanoremediation method .</p> <p>Nanoremediation method is performed in two steps:1. Step - Soil treatment with nanocomposite material, which contains 20 – 60 nm iron nanoparticles, stabilized and fixed on a carrier - activated charcoal or bentonite.</p> <p>2.Step – Plant seeds treatment with Fe_3O_4 colloidal solution, which will be planted in soil treated with nanocomposite materials described in the 1st step, with the purpose of prevention metabolic formations as a result of pesticides destruction</p>
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