

“Adsorption of Carbaryl and Benomyl from Water by Jordanian Bentonite”

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The adsorption of the insecticide carbaryl and fungicide benomyl from water on Jordanian Bentonite has been studied. The results indicate that the adsorption process follows first order relationship and the specific rate constants were determined. The adsorption parameters were determined from both Langmuir and Freundlich equations at constant temperature and solution PH. The concentration of each pesticide before and after adsorption is calculated spectrophotometrically at fixed and maximum wavelength corresponds to each particle.