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Sommario/riassunto	The aim of this study was to describe and quantify Se transfer at the interface between soil and plant. For this purpose, three Se reservoirs were defined: soil, soil solution and plant, represented by kaolinite or goethite, nutrient solution and rice. First, Se transfer from solution to plant and Se partitioning in the plant was studied; then adsorption-desorption processes of Se onto kaolinite and goethite were investigated. Finally, a mass balance of the combined experiment was modelled.