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Article

Effect of Bentonite and Barley Straw on the Restoration of the Biological Quality of Agriculture Soil Contaminated with the Herbicide Successor T 550 SE

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Table S1 Characterization of the Successor T 550 SE herbicide used in the experiment

Parameters	Pethoxamid	Terbuthylazine
Concentration of active ingredients	300 g dm^{-3}	250 g dm^{-3}
Chemical formula	$C_{16}H_{22}ClNO_2$	$C_9H_{16}ClN_5$
Substance group	chloroacetamide	triazine
Molecular mass (g mol^{-1})	229.71	295.81
PEC_{soil} (mg kg^{-1} d.m. soil) Optimal dose	0.092 (30 day) 0.021 (60 day)	0.130 (30 day) 0.051 (60 day)
Key metabolite	N-(2-ethoxyethyl)-N-(2-methyl-1-phenyl-1-propenyl)-2-sulfoacetamide N-(2-ethoxyethyl)-N-((1Z)-3-hydroxy-2-methyl-1-phenylprop-1-en-1-yl)-2-sulfanylacetamide 2-(N-(2-methyl-1-phenylprop-1-en-1-yl)-2-sulfoacetamido)acetic acid	desethyl-terbuthylazine hydroxy-terbuthylazine 2-hydroxy-desethyl-terbuthylazine