

Table S1. The maximum permissible values for HMs concentrations (mg/kg DM) according to the Regulation of the Minister of the Environment of February 6, 2015 on municipal sewage sludge (Poland) [21] and Directive 86/278/EEC [28].

HM	Poland			UE
	Light soil	Medium soil	Heavy soil	86/278/EEC (range)
Cd	3	4	5	1-3
Cr	100	150	200	-
Cu	50	75	100	50-140
Ni	30	45	60	30-75
Pb	50	75	100	50-300
Zn	150	220	300	150-300
Hg	1	1.5	2	1-1.5