From Wastewater to Soil Amendment: A Case Study on Sewage Sludge Composting and the Agricultural Application of the Compost

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Table S1. Pearson's numerical correlation (r values) matrix between soil chemical parameters and the grain yield of rye

	pH_{KCl}	**SOM**	**NO_3-NO_2-N**	**P_2O_5**	**K_2O**	**Zn**	**Cu**	**grain yield**
				2022				
pH_{KCl}	1	0.392	0.060	0.760**	0.362	0.821**	0.728**	0.657**
SOM		1	0.586*	0.562*	0.778**	0.616*	0.845**	0.779**
NO_3-NO_2-N			1	0.405	0.751**	0.394	0.551*	0.274
P_2O_5				1	0.740**	0.936**	0.839**	0.647**
K_2O					1	0.731**	0.794**	0.505*
Zn						1	0.886**	0.676**
Cu							1	0.859**
grain yield								1
				2024				
pH_{KCl}	1	0.351	0.473	0.837**	0.233	0.822**	0.765**	0.309
SOM		1	0.570*	0.425	0.678**	0.471	0.751**	0.633**
NO_3-NO_2-N			1	0.465	0.410	0.601*	0.488	0.797**
P_2O_5				1	0.599*	0.980**	0.890**	0.464*
K_2O					1	0.677**	0.672**	0.477
Zn						1	0.903**	0.537*
Cu							1	0.509*
grain yield								1

** Correlation is significant at the 0.01 level (2-tailed).

* Correlation is significant at the 0.05 level (2-tailed).