

Figure S1: Water pH in soil vegetated or not with coriander cultivated in presence (I) or in absence of AMF inoculum (NI) and/or without organic amendments (non-amended) or with compost or sewage sludges. Mean  $\pm$  SD. Significant differences between treatments are indicated by different letters at the level of  $\alpha=0.05$ .

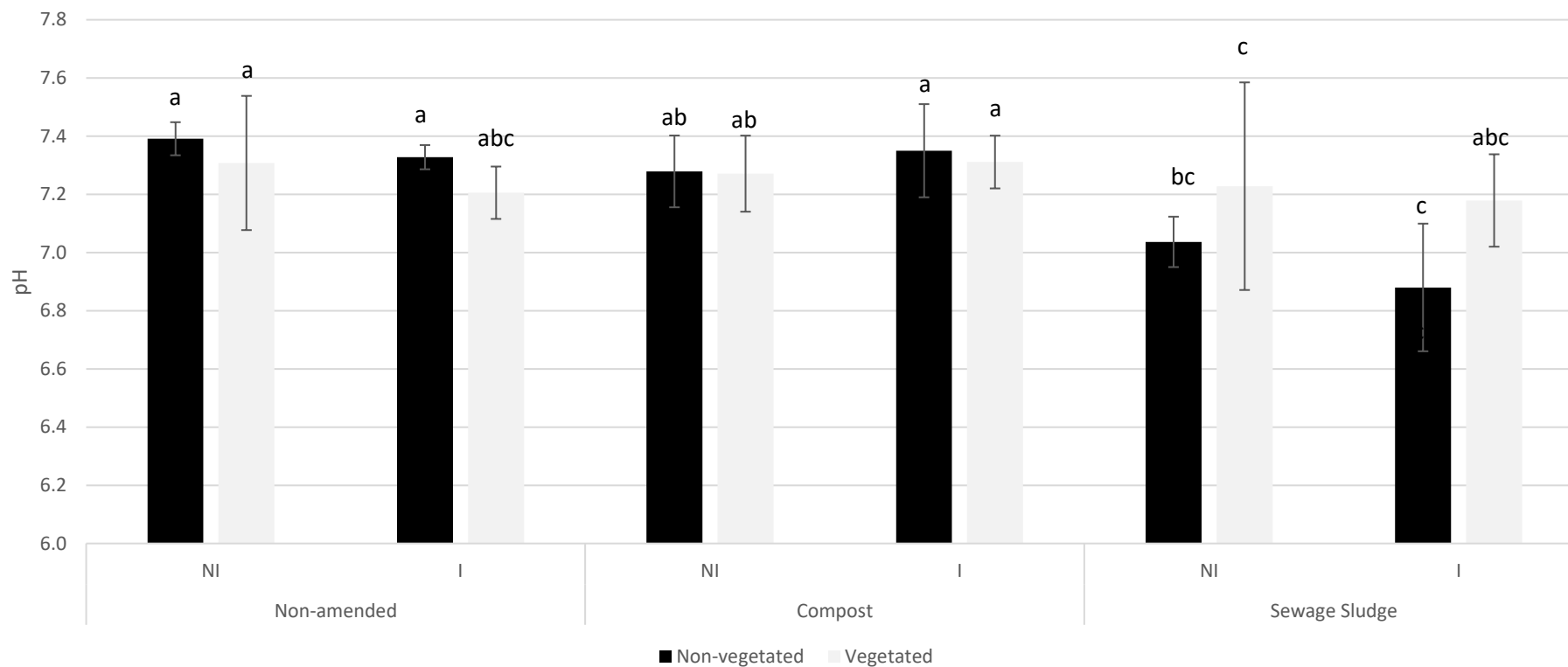


Table S1: Total TE concentrations ( $\mu\text{g/g DS}$ ) in soil vegetated or not (non-vegetated) with coriander cultivated in the presence or not of AMF inoculum (NI/I) and/or without organic amendments (non-amended) or with compost or sewage sludge. Mean  $\pm$  SD. Significant differences between treatments are indicated by different letters at the level of  $\alpha=0.05$ .

			As	Cr	Cd	Cu	Ni	Pb	Zn
Non-amended	Non-vegetated	NI	<5	32.85 $\pm$ 0.57 a	4.92 $\pm$ 0.10 a	22.15 $\pm$ 0.29 a	28.92 $\pm$ 7.89 a	326.45 $\pm$ 13.70 a	405.94 $\pm$ 5.12 a
		I	<5	32.45 $\pm$ 0.56 a	4.83 $\pm$ 0.23 a	22.19 $\pm$ 0.83 a	22.46 $\pm$ 1.23 a	299.26 $\pm$ 10.42 ab	403.83 $\pm$ 17.96 a
	Vegetated	NI	<5	34.88 $\pm$ 1.96 a	4.90 $\pm$ 0.05 a	22.22 $\pm$ 0.31 a	20.51 $\pm$ 0.12 a	307.32 $\pm$ 2.50 bc	407.97 $\pm$ 2.61 a
		I	<5	31.85 $\pm$ 1.81 a	4.93 $\pm$ 0.23 a	22.91 $\pm$ 0.27 a	22.09 $\pm$ 0.76 a	304.19 $\pm$ 7.93 ab	411.5 1 $\pm$ 9.29 a
Compost	Non-vegetated	NI	8.9 $\pm$ 6.81	31.16 $\pm$ 1.72 a	5.04 $\pm$ 0.43 a	23.86 $\pm$ 3.45 a	29.58 $\pm$ 12.63a	301.05 $\pm$ 5.62 bc	404.65 $\pm$ 14.59 a
		I	<5	30.68 $\pm$ 2.23 a	5.00 $\pm$ 0.11 a	22.93 $\pm$ 1.64 a	19.55 $\pm$ 1.00 a	286.02 $\pm$ 9.33 bc	389.17 $\pm$ 16.53 a
	Vegetated	NI	8.20 $\pm$ 5.54	31.40 $\pm$ 2.28 a	4.68 $\pm$ 0.13 a	22.78 $\pm$ 0.65 a	21.55 $\pm$ 0.51 a	295.60 $\pm$ 5.77 bc	398.43 $\pm$ 12.58 a
		I	<5	33.79 $\pm$ 0.24 a	4.92 $\pm$ 0.34 a	24.19 $\pm$ 0.49 a	20.94 $\pm$ 0.38 a	300.77 $\pm$ 8.00 bc	405.70 $\pm$ 7.23 a
Sewage Sludge	Non-vegetated	NI	<5	36.63 $\pm$ 6.88 a	4.69 $\pm$ 0.15 a	24.66 $\pm$ 1.17 a	22.53 $\pm$ 4.20 a	280.20 $\pm$ 8.34 a	387.31 $\pm$ 12.45 a
		I	<5	31.48 $\pm$ 1.70 a	4.60 $\pm$ 0.12 a	25.05 $\pm$ 0.36 a	20.31 $\pm$ 0.23 a	296.52 $\pm$ 2.04 bc	397.87 $\pm$ 3.86 a
	Vegetated	NI	<5	34.35 $\pm$ 2.09 a	4.66 $\pm$ 0.04 a	24.80 $\pm$ 0.46 a	21.93 $\pm$ 0.61 a	296.01 $\pm$ 6.59 bc	399.73 $\pm$ 11.38 a
		I	<5	32.18 $\pm$ 2.33 a	4.82 $\pm$ 0.16 a	25.3 $\pm$ 1.54 a	20.69 $\pm$ 0.61 a	300.76 $\pm$ 6.88 bc	403.60 $\pm$ 7.87 a

Table S2: TE Concentrations ( $\mu\text{g/g DM}$ ) in coriander shoots, inoculated (I) or non-inoculated (NI) cultivated in non-amended or amended (compost or sewage sludge) conditions. Mean  $\pm$  SD. Significant differences between conditions are indicated by different letters at the level of  $\alpha=0.05$ .

		As	Cr	Cd	Cu	Ni	Pb	Zn
Non-amended	NI	6.14 $\pm$ 0.25 a	1.23 $\pm$ 0.05 a	12.44 $\pm$ 4.54 a	5.91 $\pm$ 0.82 bc	1.38 $\pm$ 0.18 ab	7.39 $\pm$ 0.71 a	43.48 $\pm$ 13.95 a
	I	5.98 $\pm$ 0.19 a	1.20 $\pm$ 0.04 a	8.47 $\pm$ 0.52 ab	4.91 $\pm$ 1.12 bc	1.20 $\pm$ 0.04 b	3.83 $\pm$ 0.95 ab	47.64 $\pm$ 6.31 a
Compost	NI	6.25 $\pm$ 0.16 a	1.25 $\pm$ 0.03 a	6.91 $\pm$ 1.16 ab	5.14 $\pm$ 0.49 bc	1.39 $\pm$ 0.28 ab	3.43 $\pm$ 0.76 b	45.35 $\pm$ 15.19 a
	I	6.23 $\pm$ 0.05 a	1.25 $\pm$ 0.01 a	6.38 $\pm$ 1.62 b	4.52 $\pm$ 0.87 c	1.63 $\pm$ 0.67 ab	2.92 $\pm$ 0.68 b	33.82 $\pm$ 5.15 a
Sewage sludge	NI	6.11 $\pm$ 0.28 a	1.22 $\pm$ 0.06 a	5.87 $\pm$ 0.84 b	10.18 $\pm$ 3.73 ab	1.24 $\pm$ 0.03 ab	4.04 $\pm$ 1.55 b	72.78 $\pm$ 27.39 a
	I	6.11 $\pm$ 0.26 a	1.22 $\pm$ 0.05 a	6.16 $\pm$ 1.71 b	11.86 $\pm$ 2.30 a	1.99 $\pm$ 0.74 a	3.25 $\pm$ 1.55 b	68.65 $\pm$ 13.72 a