

Supplementary material

Table S1. Detail of treatments used in this study.

Treatment	PHCs (5000 mg kg ⁻¹)	Plant	Biochar	<i>Enterobacter</i> MN17
T ₀	- ^a	+ ^b	-	-
T ₁	+	-	-	-
T ₂	+	-	-	+
T ₃	+	-	+	-
T ₄	+	-	+	+
T ₅	+	+	-	-
T ₆	+	+	+	-
T ₇	+	+	-	+
T ₈	+	+	+	+

a, a sign (-) point to nonexistence or exclusion of a particular additive/factor

b, a sign (+) point to existence or inclusion of a particular additive/factor

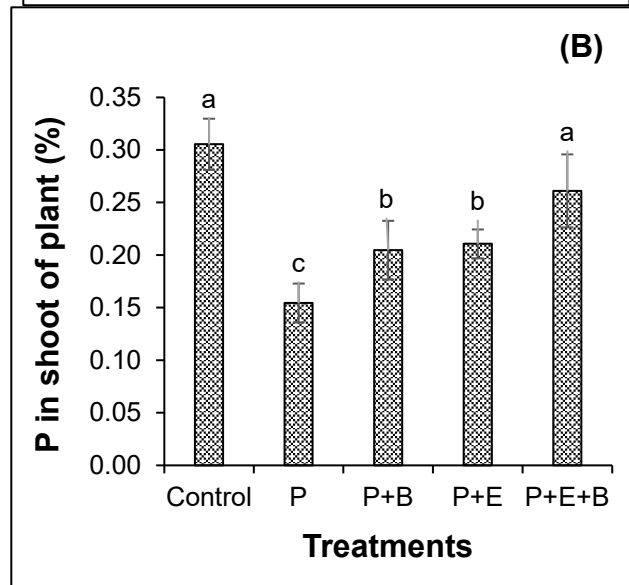
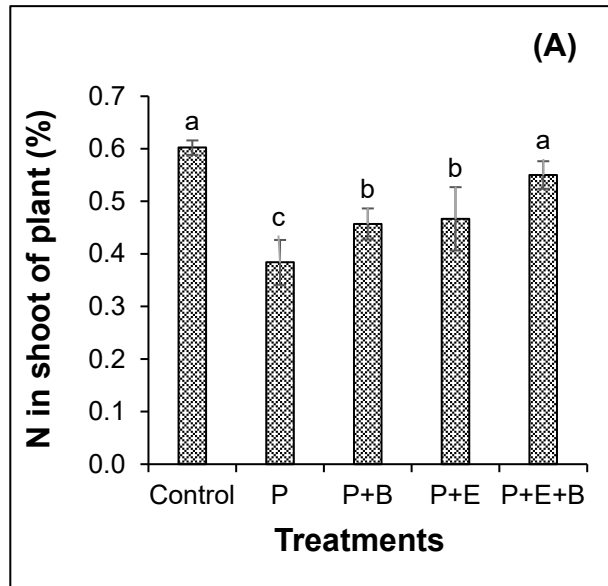
T₀, Plant grown on the uncontaminated soil without microbe and biochar amendment (P₀); T₁, Contaminated soil without plants and amendments (UC); T₂, Contaminated soil only with microbe amendment (E); T₃, Contaminated soil only with biochar amendment (B); T₄, Contaminated soil with microbe and biochar amendment (E+B); T₅, Plant grown on the contaminated soil without microbe and biochar amendment (P); T₆, Plant grown on the contaminated soil only with biochar amendment (P+B); T₇, Plant grown on the contaminated soil only with microbe amendment (P+E); T₈, Plant grown on contaminated soil with microbe and biochar amendment (P+E+B)

Table S2. Physicochemical properties of the soil used in the study.

Parameters	Soil	Biochar
Texture	Sandy loam (sand 52.8%, silt 25.4% and clay 21.8%)	-
pH	7.95 ± 0.24	8.27 ± 1.25
EC (dS m ⁻¹)	1.99 ± 0.21	2.20 ± 0.40
CEC (mmol _c kg ⁻¹)	14.3 ± 1.73	46.5 ± 3.40
Organic matter (%)	0.55 ± 0.05	-
Total carbon (%)	-	54.8 ± 4.65
Total nitrogen (mg kg ⁻¹)	14.8 ± 3.20	16000 ± 285
Available phosphorus (mg kg ⁻¹)	6.67 ± 1.09	-
Total phosphorus (g kg ⁻¹)	-	3.20 ± 0.26
Extractable potassium (mg kg ⁻¹)	140 ± 8.55	-
Total potassium (g kg ⁻¹)	-	2.02 ± 0.29

EC, electrical conductivity; CEC, cation exchange capacity

Values represent means (n=3) ± standard deviation



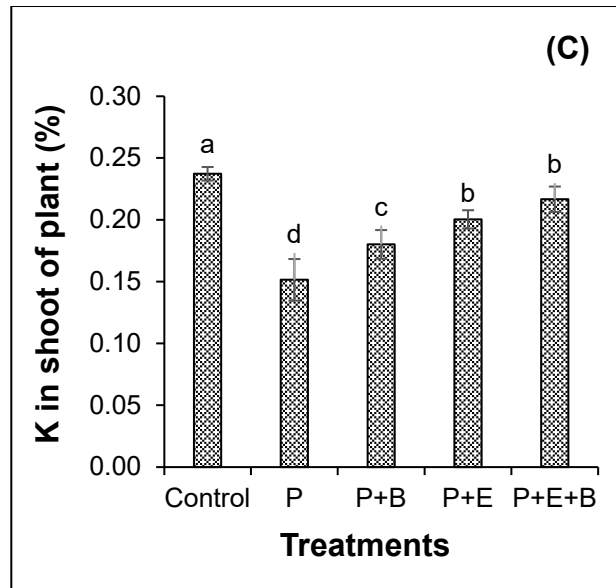


Figure S1. Effects of *Enterobacter* sp. MN17 and biochar on nitrogen (A), phosphorus (B), and potassium (C) in mungbean plants grown in PHCs contaminated soil. Values shown here were taken after 90 d of sowing. Columns and bars represent means and standard deviation, respectively of triplicate values. Means having different letters differ significantly according to LSD test at $P \leq 0.05$. (Control, Uncontaminated soil with plants; P, Contaminated soil with plants; P+B, Contaminated soil with plants and biochar; P+E, Contaminated soil with plants and *Enterobacter* sp. MN17; P+E+B, Contaminated soil with plants, *Enterobacter* sp. MN17 and biochar).