Table S1 (Supplementary). Physico-chemical properties of soil used in this experiment

Parameters	Values
pH	6.5
EC (dS m^{-1})	0.354
CO_3 (mmol L^{-1})	*N.D
HCO_3 (mmol L^{-1})	20
Zn (mg g^{-1})	3.8081
Pb (mg Kg^{-1})	1.7
Ni (mg Kg^{-1})	0.6658
Ca (mg g^{-1})	255.67
Mg (mg g^{-1})	12.8814
K (mg g^{-1})	11.7373
Na (mg g^{-1})	13.5909
Cl^{-1} (mmol L^{-1})	0.5
Fe (mg kg^{-1})	11.2508
Na CEC (mmol $100g^{-1}$)	2.718
Ca CEC (mmol $100g^{-1}$)	51.134
K CEC (mmol $100g^{-1}$)	2.347
Mg CEC (mmol $100g^{-1}$)	2.576

***N.D= not detected**

Table S2 (Supplementary). Post-harvest analysis of soil including moisture content (%), pH and chlorides Cl^- (mmol L^{-1}) of soil samples with treatments (T1; Control, T2; $NiNO_3$, T3; $CaCO_3$, T4; NaCl, T5; BC, T6; Ni + BC, T7; $CaCO_3$ + BC, T8; NaCl + BC, T9; Ni + $CaCO_3$ + BC, T10; Ni + NaCl + BC, T11; $CaCO_3$ + NaCl + BC, T12; Ni + NaCl + $CaCO_3$ + BC)

Treatments	Soil moisture content (%)	pH	Cl(mmol L^{-1})
T1	10±0.2	7.35±0.07	0.5±0.001
T2	8±0.6	7.49±0.006	9±0.005
T3	9±0.7	7.34±0.06	15±0.03
T4	7±0.5	7.36±0.002	19.9±0.21
T5	15±0.6	7.27±0.005	7.5±0.043
T6	14.9±0.5	7.48±0.05	9.5±0.02
T7	15±0.6	7.32±0.001	13.4±0.17
T8	13.6±0.4	7.31±0.004	20.5±86
T9	7.29±0.09	7.4±0.07	7.5±0.04
T10	13±0.41	7.34±0.025	15.5±0.24
T11	14.5±0.49	7.42±0.006	17.8±0.65
T12	15±0.59	7.4±0.007	18.5±0.75