



Figure S1. Effects of different chromium levels on the bacterial growth. Data represent mean with SE± and letter represent significance ($p < 0.05$).

Table S1. Effect of Cr⁺⁶ and P1 on indole acetic acid contents, total flavonoids, total phenolics and Proline contents in plant biomass (PB) and their exudation by root (E/g of Roots). Different alphabets represent significance ($p < 0.05$).

Treatment	Indole Acetic Acid (µg/g)		Total Flavonoids (µg/g)		Total Phenolic (µg/g)		Proline contents (mg/g)	
	PB	E/g of Roots						
Control	69.28 ^d ± 1.17	12.84 ^e ± 0.64	10.91 ^d ± 0.31	3.76 ^a ± 1.17	526.6 ^d ± 1.17	41.33 ^d ± 0.1	0.75 ^a ± 0.007	0.52 ^a ± 0.001
25 µg mL ⁻¹	46.30 ^c ± 0.28	11.08 ^c ± 0.87	11.95 ^e ± 0.54	5.98 ^b ± 0.84	510.4 ^c ± 2.28	5.12 ^c ± 0.84	0.84 ^b ± 0.002	0.56 ^b ± 0.008
50 µg mL ⁻¹	10.82 ^a ± 1.56	9.80 ^b ± 0.56	13.72 ^g ± 1.06	8.00 ^d ± 0.21	457.9 ^b ± 1.56	0.41 ^a ± 0.32	1.02 ^c ± 0.01	0.74 ^e ± 0.003
100 µg mL ⁻¹	12.34 ^b ± 0.89	9.21 ^a ± 1.38	14.33 ^h ± 1.06	7.94 ^c ± 1.06	409.2 ^a ± 1.89	3.05 ^b ± 0.11	1.67 ^d ± 0.01	1.17 ^f ± 0.001
P1	82.19 ^h ± 0.71	12.13 ^d ± 1.84	8.31 ^a ± 0.54	23.00 ^e ± 0.76	593.7 ^e ± 2.71	60.76 ^h ± 0.76	2.25 ^h ± 0.007	0.69 ^c ± 0.01
P1(25 µg mL ⁻¹)	80.84 ^g ± 1.71	18.56 ^f ± 1.23	8.86 ^b ± 1.11	24.57 ^f ± 0.76	623.9 ^f ± 2.71	43.84 ^e ± 0.86	1.71 ^e ± 0.007	0.732 ^e ± 0.002
P1(50 µg mL ⁻¹)	73.67 ^e ± 1.84	21.91 ^g ± 0.28	9.45 ^c ± 1.06	25.56 ^g ± 1.11	680.7 ^g ± 3.84	47.17 ^g ± 1.11	2.04 ^f ± 0.008	0.72 ^d ± 0.001
P1(100 µg mL ⁻¹)	76.21 ^f ± 1.23	23.08 ^h ± 1.56	13.11 ^f ± 0.54	26.52 ^h ± 0.61	753.1 ^h ± 2.23	45.89 ^f ± 0.61	2.08 ^g ± 0.003	0.74 ^d ± 0.002