

Table S1. Different parameters of barley plants inoculated with different PSB strains in pot experiment

Isolate	Number of plants per pot*	Number of ears per pot*	Average dry weight per ear (g) ^{#§}	Average roots dry weight (g) ^{#§}	Total phosphate assimilated in root system (mg) ^{#§}
<i>Bacillus megaterium</i> PSB1	8.22 (0.67)	11.67 (1.22)	0.69 (0.06) ^b	1.85 (0.17) ^{a,b}	1.26 (0.31) ^{a,b}
<i>Pseudomonas plecoglossicida</i> PSB2	8.56 (1.01)	11.44 (1.13)	0.65 (0.09) ^b	1.86 (0.17) ^{a,b}	0.87 (0.24) ^{a,b}
<i>Bacillus cereus</i> PSB3	7.33 (1.12)	11.00 (0.87)	0.70 (0.06) ^b	1.99 (0.48) ^{a,b}	0.74 (0.24) ^{a,b}
<i>Pantoea eucrina</i> PSB4	7.89 (0.78)	11.56 (1.42)	0.68 (0.06) ^b	2.48 (0.64) ^b	1.18 (0.56) ^{a,b}
<i>Achromobacter xylosoxidans</i> PSB5	8.22 (0.87)	11.56 (1.81)	0.62 (0.12) ^b	2.44 (0.51) ^b	0.95 (0.32) ^{a,b}
<i>Pseudomonas koreensis</i> PSB6	8.33 (1.22)	11.11 (0.78)	0.65 (0.05) ^b	2.17 (0.55) ^{a,b}	0.70 (0.23) ^{a,b}
<i>Burkholderia fungorum</i> PSB7	8.11 (1.27)	10.33 (0.87)	0.73 (0.10) ^b	2.43 (0.66) ^b	1.39 (0.76) ^{a,b}
<i>Enterobacter cloacae</i> PSB8	9.00 (1.22)	11.67 (1.66)	0.53 (0.05) ^b	1.95 (0.19) ^{a,b}	1.16 (0.87) ^{a,b}
<i>Advenella mimigardefordensis</i> PSB9	8.22 (1.09)	11.67 (1.00)	0.29 (0.23) ^a	2.69 (1.34) ^b	1.68 (0.65) ^{a,b}
Control (+)	8.67 (0.71)	11.78 (1.09)	0.59 (0.06) ^b	1.57 (0.20) ^{a,b}	1.56 (0.82) ^b
Control (-)	8.67 (0.87)	10.67 (1.32)	0.31 (0.14) ^a	1.17 (0.27) ^a	0.49 (0.29) ^a

* Values showed are the means (standard deviation) of two independent experiments made by triplicate

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§ Values marked with the same letter are not significantly different ($P \geq 0.05$)