

Mineral-Solubilizing Bacteria-Mediated Enzymatic Regulation and Nutrient Acquisition Benefit Cotton's (*Gossypium hirsutum* L.) Vegetative and Reproductive Growth

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Supplementary data

Supplementary Table S1. Effect of PSB and ZSB strains inoculation on N, P, and K contents in soil.

Treatment	N content in soil (%)	P contents in soil (mg kg ⁻¹)	K content in soil (mg kg ⁻¹)
Absolute control	0.023 ± 0.0004 d	5.0 ± 0.10 f	98.3 ± 1.69 e
Recommended NPK	0.024 ± 0.0005 c	5.2 ± 0.08 ef	101.0 ± 1.86 de
<i>B. subtilis</i> IA6	0.025 ± 0.0003 a-c	5.3 ± 0.08 c-e	102.5 ± 1.96 c-e
<i>P. polymyxa</i> IA7	0.025 ± 0.0003 bc	5.3 ± 0.08 de	104.2 ± 1.60 b-d
<i>Bacillus</i> sp. IA16	0.025 ± 0.0003 a-c	5.5 ± 0.10 a-d	103.3 ± 1.82 cd
<i>B. aryabhattai</i> IA20	0.025 ± 0.0004 a-c	5.4 ± 0.09 b-d	104.3 ± 1.65 b-d
<i>B. subtilis</i> IA6 + <i>Bacillus</i> sp. IA16	0.026 ± 0.0004 ab	5.7 ± 0.10 a	109.5 ± 1.61 a
<i>B. subtilis</i> IA6 + <i>B. aryabhattai</i> IA20	0.025 ± 0.0004 a-c	5.6 ± 0.05 ab	108.3 ± 1.65 ab
<i>P. polymyxa</i> IA7 + <i>Bacillus</i> sp. IA16	0.025 ± 0.0003 a-c	5.6 ± 0.06 ab	106.3 ± 1.86 a-c
<i>P. polymyxa</i> IA7 + <i>B. aryabhattai</i> IA20	0.026 ± 0.0003 a	5.5 ± 0.07 a-c	105.8 ± 1.68 a-d
LSD (p ≤ 0.05)	0.001	0.2322	