Table S1. Effects of *S. meliloti* treatment on kale (*Brassica oleracea* var. acephala) growth, physiological, and yield parameters

Treatment	Number of leaves	Plant height (cm)	Stem diameter (mm)	F_V/F_m	F_V/F_o	Fresh weight (g)
FL⁺ strain	$8 \pm 1a$	$19.813 \pm 1.6a$	$5.68 \pm 0.7a$	$0.803 \pm 0.01a$	$4.100 \pm 0.16a$	$19.0 \pm 1.9a$
FL⁻ strain	$8 \pm 1a$	$19.750 \pm 1.4a$	$5.18 \pm 0.2ab$	$0.799 \pm 0.01a$	$4.009 \pm 0.17a$	$17.75 \pm 1.7a$
No inoculation	$8 \pm 1a$	$19.086 \pm 1.5a$	$5.10 \pm 0.4b$	$0.796 \pm 0.01a$	$3.999 \pm 0.29a$	$17.93 \pm 1.9a$

S. meliloti 1021: FL⁺ strain; *S. meliloti* 1021Δ*ribBA*: FL⁻ strain; control: no inoculation. Fv/Fm: maximum quantum efficiency of PSII and Fv/Fo: potential photosynthetic capacity. Different alphabetical letters denote significant differences ($p < 0.05$) between treatment means by Fisher's least significant difference test.

Table S2. Effects of *S. meliloti* treatment on lettuce (*Lactuca sativa*) growth, physiological, and yield parameters

Treatment	Number of leaves	Plant height (cm)	Stem diameter (mm)	F_V/F_m	F_V/F_o	Fresh weight (g)
FL⁺ strain	$9 \pm 1a$	$20.83 \pm 1.07a$	$7.51 \pm 0.6a$	$0.808 \pm 0.008a$	$4.217 \pm 0.21a$	$51.86 \pm 2.6a$
FL⁻ strain	$9 \pm 1a$	$19.83 \pm 1.25ab$	$7.35 \pm 0.5ab$	$0.806 \pm 0.007a$	$4.172 \pm 0.18a$	$49.33 \pm 2.8a$
No inoculation	$8 \pm 1b$	$18.70 \pm 1.30b$	$6.77 \pm 0.7b$	$0.804 \pm 0.007a$	$4.132 \pm 0.18a$	$41.17 \pm 2.6b$

S. meliloti 1021: FL⁺ strain; *S. meliloti* 1021Δ*ribBA*: FL⁻ strain; control: no inoculation. Fv/Fm: maximum quantum efficiency of PSII and Fv/Fo: potential photosynthetic capacity. Different alphabetical letters denote significant differences ($p < 0.05$) between treatment means by Fisher's least significant difference test.
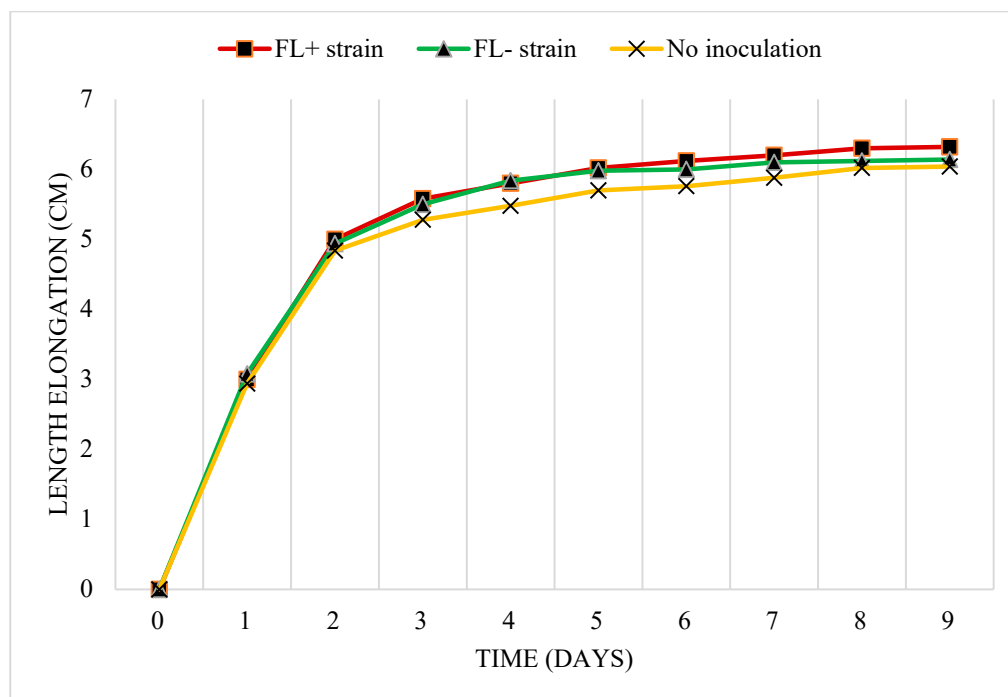
Figure S1. Effects of *S. meliloti* inoculation on kale (*Brassica oleracea* var. *acephala*) leaf elongation. *S. meliloti* 1021: FL+ strain; *S. meliloti* 1021ΔribBA: FL⁻ strain; control: no inoculation.
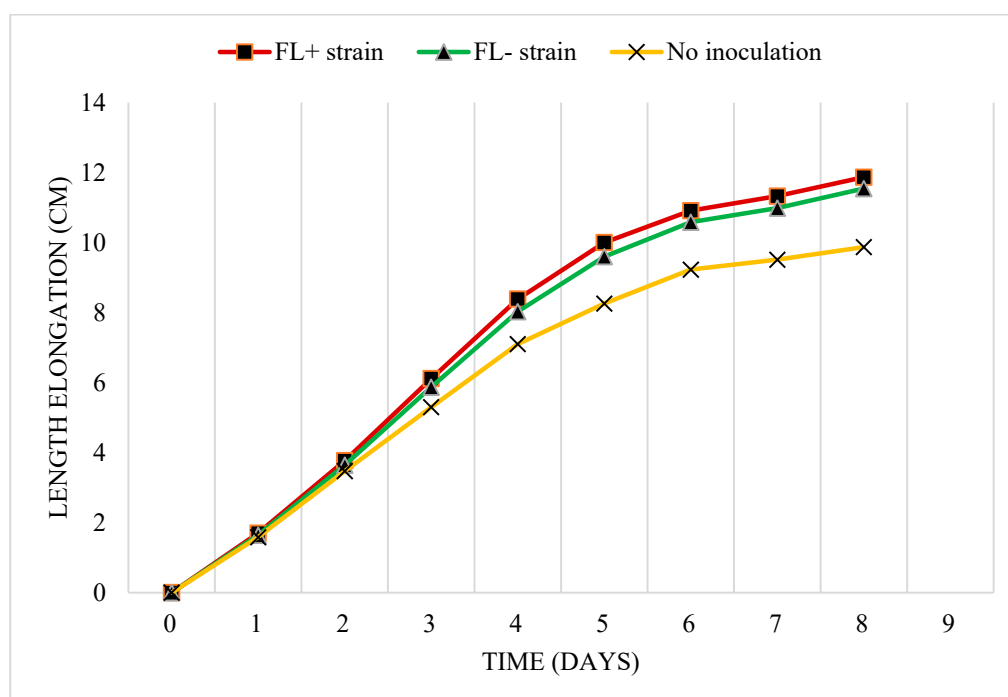

Figure S2. Effects of *S. meliloti* inoculation on lettuce (*Lactuca sativa*) leaf elongation. *S. meliloti* 1021: FL⁺ strain; *S. meliloti* 1021Δ*ribBA*: FL⁻ strain; control: no inoculation.